



QUALITY | INNOVATION | SERVICE

LED STRIP  
LED LINEAR LIGHT

PRODUCT CATALOG 2026 Q2

GENERAL LIGHTING

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PROFESSIONAL MANUFACTURER OF LED LINEAR LIGHTING

LED STRIP LIGHT & LED LINEAR LIGHT PRODUCT CATALOG 2026 Q2

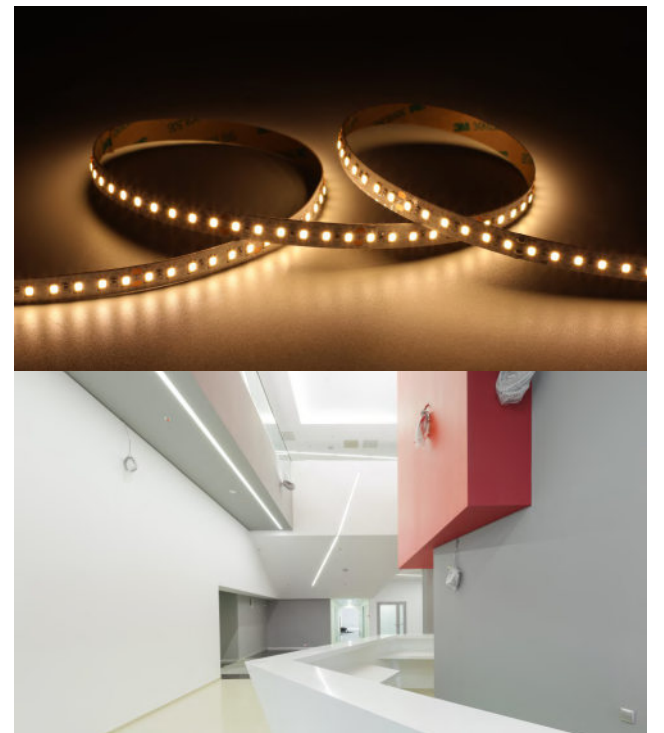
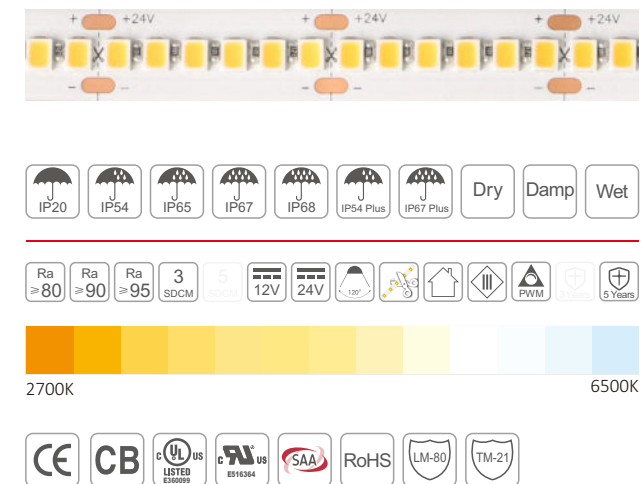


## LED FLEXIBLE STRIP

- SMD/COB/CSP light source are available with different lighting performance.
- Different size of flexible PCB with 2/3/4OZ copper in linear or rectangle shape.
- Luminous colors in White/Red/Green/Blue/Yellow/Orange/Amber/Purple/Cyan/CCT/D2W/RGB/RGBW/RGBCCT/RGBWCCT/SPI/DMX.
- Consistent color for the finished product adopting customized LED in 1/2/3-step SDCM.
- Waterproof jacket using environmentally-friendly food grade silicone material.
- Field cutting and assembly to be a desired length with complete accessories.
- Indoor and outdoor application in IP20[dry], IP54[damp] and IP65/IP67/IP68[wet].
- 50,000h lifespan and 5 years warranty are standard configuration adopting LM80 certified LED.

## FEATURE

- Classical constant voltage series in popular use on the market.
- 50,000h long lifespan.



2835 LED

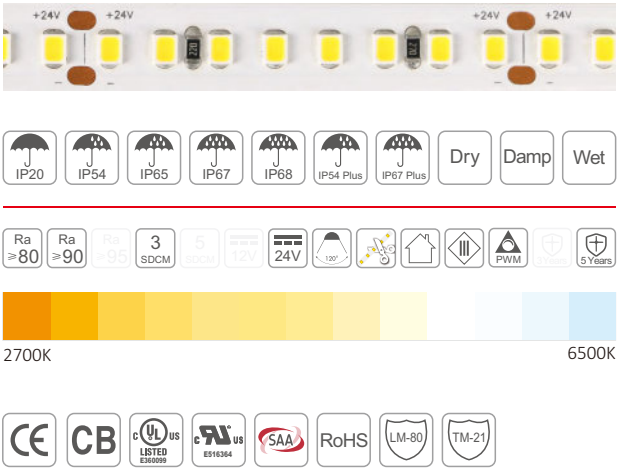
|                                                                                       | Part No.                      | LED Qty                 | Voltage | Power                  | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment          | Dimension<br>@IP20                    |
|---------------------------------------------------------------------------------------|-------------------------------|-------------------------|---------|------------------------|----------------------------|----------------------------|--------------------|---------------------------------------|
|  | GL-X2835XX-<br>12-CV-060-F152 | 60LED/M<br>(18LED/ft.)  | 12VDC   | 12W/M<br>(3.66W/ft.)   | 1050lm/M<br>(320lm/ft.)    | 88lm/W                     | 50mm<br>(1.97in)   | L5000*W10*H1mm<br>(L197*W0.4*H0.04in) |
|  | GL-X2835XX-<br>24-CV-060-F156 | 60LED/M<br>(18LED/ft.)  | 24VDC   | 12W/M<br>(3.66W/ft.)   | 1050lm/M<br>(320lm/ft.)    | 88lm/W                     | 100mm<br>(3.94in)  | L5000*W10*H1mm<br>(L197*W0.4*H0.04in) |
|  | GL-X2835XX-<br>24-CV-070-FD35 | 70LED/M<br>(21LED/ft.)  | 24VDC   | 12W/M<br>(3.66W/ft.)   | 1220lm/M<br>(370lm/ft.)    | 102lm/W                    | 100mm<br>(3.94in)  | L5000*W10*H1mm<br>(L197*W0.4*H0.04in) |
|                                                                                       | GL-X2835XX-<br>12-CV-120-L749 | 120LED/M<br>(36LED/ft.) | 12VDC   | 14.4W/M<br>(4.39W/ft.) | 1240lm/M<br>(380lm/ft.)    | 86lm/W                     | 25mm<br>(0.98in)   | L5000*W10*H1mm<br>(L197*W0.4*H0.04in) |
|                                                                                       | GL-X2835XX-<br>24-CV-120-L745 | 120LED/M<br>(36LED/ft.) | 24VDC   | 14.4W/M<br>(4.39W/ft.) | 1240lm/M<br>(380lm/ft.)    | 86lm/W                     | 50mm<br>(1.97in)   | L5000*W10*H1mm<br>(L197*W0.4*H0.04in) |
|  | GL-X2835XX-<br>24-CV-140-LD36 | 140LED/M<br>(42LED/ft.) | 24VDC   | 14.4W/M<br>(4.39W/ft.) | 1450lm/M<br>(440lm/ft.)    | 101lm/W                    | 50mm<br>(1.97in)   | L5000*W10*H1mm<br>(L197*W0.4*H0.04in) |
|  | GL-X2835XX-<br>24-CV-238-LD14 | 238LED/M<br>(72LED/ft.) | 24VDC   | 14.4W/M<br>(4.39W/ft.) | 1500lm/M<br>(460lm/ft.)    | 104lm/W                    | 29.4mm<br>(1.16in) | L5000*W10*H1mm<br>(L197*W0.4*H0.04in) |
|  | GL-X2835XX-<br>24-CV-238-LD14 | 238LED/M<br>(72LED/ft.) | 24VDC   | 19.2W/M<br>(5.85W/ft.) | 1960lm/M<br>(600lm/ft.)    | 102lm/W                    | 29.4mm<br>(1.16in) | L5000*W10*H1mm<br>(L197*W0.4*H0.04in) |
|  | GL-X2835XX-<br>12-CV-240-L441 | 240LED/M<br>(73LED/ft.) | 12VDC   | 14.4W/M<br>(4.39W/ft.) | 1300lm/M<br>(400lm/ft.)    | 90lm/W                     | 12.5mm<br>(0.49in) | L5000*W10*H1mm<br>(L197*W0.4*H0.04in) |
|  | GL-X2835XX-<br>24-CV-240-L455 | 240LED/M<br>(73LED/ft.) | 24VDC   | 14.4W/M<br>(4.39W/ft.) | 1300lm/M<br>(400lm/ft.)    | 90lm/W                     | 25mm<br>(0.98in)   | L5000*W10*H1mm<br>(L197*W0.4*H0.04in) |
|                                                                                       | GL-X2835XX-<br>24-CV-240-L455 | 240LED/M<br>(73LED/ft.) | 24VDC   | 19.2W/M<br>(5.85W/ft.) | 1720lm/M<br>(520lm/ft.)    | 90lm/W                     | 25mm<br>(0.98in)   | L5000*W10*H1mm<br>(L197*W0.4*H0.04in) |

| Providing Diversified High Light Efficiency Solutions, |     |                      |                      |                |                          |                               | Base On The Advantage Of In-house LED And FPCB. |                        |                 |                    |            |               |
|--------------------------------------------------------|-----|----------------------|----------------------|----------------|--------------------------|-------------------------------|-------------------------------------------------|------------------------|-----------------|--------------------|------------|---------------|
| Specification                                          |     |                      |                      |                |                          |                               | Specification                                   |                        |                 |                    |            |               |
| Product Category                                       | CRI | Light Eff.<br>(lm/W) | Brightness<br>(lm/M) | Power<br>(W/M) | LED QTY/<br>Section(pcs) | LED QTY<br>(LED/M)            | LED Chip Size                                   | LED Phosphor<br>Powder | Flexible<br>PCB | LED Driven<br>Mode | Voltage(V) | Run Length(M) |
| High-Efficacy<br>Classical ErP Series                  | 80  | 140                  | 670~2020             | 4.8~14.4       | 7                        | 70/140                        | Standard                                        | Standard               | Standard        | C.V. (Res)         | 24         | 5             |
|                                                        | 90  | 120                  | 580~1730             | 4.8~14.4       | 7                        | 70/140                        | Standard                                        | Standard               | Standard        | C.V. (Res)         | 24         | 5             |
|                                                        | 80  | 165                  | 790~2380             | 4.8~14.4       | 8                        | 80/160/240                    | Standard                                        | Standard               | Standard        | C.V. (Res)         | 24         | 5             |
|                                                        | 90  | 140                  | 670~2020             | 4.8~14.4       | 8                        | 80/160/240                    | Standard                                        | Standard               | Standard        | C.V. (Res)         | 24         | 5             |
|                                                        | 80  | 180                  | 870~2600             | 4.8~14.4       | 8                        | 80/160/240                    | Plus                                            | Standard               | Standard        | C.V. (Res)         | 24         | 5             |
|                                                        | 90  | 153                  | 730~2220             | 4.8~14.4       | 8                        | 80/160/240                    | Plus                                            | Standard               | Standard        | C.V. (Res)         | 24         | 5             |
| High-Efficacy<br>High-Brightness Series                | 80  | 133~140              | 670~3990             | 4.8~30         | 7                        | 70/126/140/<br>168/280/420    | Standard                                        | Standard               | Standard        | C.V. (Res)         | 24         | 5             |
|                                                        | 90  | 113~140              | 670~3990             | 5.6~30         | 7                        | 70/126/140/<br>168/280/420    | Standard                                        | Standard               | Standard        | C.V. (Res)         | 24         | 5             |
|                                                        | 80  | 155~160              | 1090~6400            | 7~40           | 8                        | 64/80/120/<br>128/160/240/480 | Standard                                        | Standard               | Standard        | C.V. (Res)         | 12/24      | 5             |
|                                                        | 90  | 132~136              | 1090~6400            | 8.3~47         | 8                        | 64/80/120/<br>128/160/240/480 | Standard                                        | Standard               | Standard        | C.V. (Res)         | 12/24      | 5             |
|                                                        | 80  | 170~180              | 1190~7200            | 7~40           | 8                        | 64/80/120/<br>128/160/240/480 | Plus                                            | Standard               | Standard        | C.V. (Res)         | 12/24      | 5             |
|                                                        | 90  | 145~153              | 1190~7200            | 8.3~47         | 8                        | 64/80/120/<br>128/160/240/480 | Plus                                            | Standard               | Standard        | C.V. (Res)         | 24         | 5             |
|                                                        | 80  | 120                  | 2300                 | 19.2           | 7                        | 140                           | Standard                                        | Standard               | Standard        | C.C. (IC)          | 24         | 5             |
|                                                        | 90  | 102                  | 1960                 | 19.2           | 7                        | 140                           | Standard                                        | Standard               | Standard        | C.C. (IC)          | 24         | 5             |
|                                                        | 80  | 150                  | 2880~3600            | 19.2~24        | 8                        | 128/160/240                   | Standard                                        | Standard               | Standard        | C.C. (IC)          | 24         | 5             |
|                                                        | 90  | 127                  | 2440~3050            | 19.2~24        | 8                        | 128/160/240                   | Standard                                        | Standard               | Standard        | C.C. (IC)          | 24         | 5             |
| High-Efficacy<br>Premium Series                        | 80  | 190                  | 1360~8200            | 7.2~43.2       | 8                        | 80/128/160/<br>240/320/480    | Plus                                            | Plus                   | Standard        | C.V. (Res)         | 24         | 5             |
|                                                        | 90  | 180                  | 1290~7770            | 7.2~43.2       | 8                        | 80/128/160/<br>240/320/480    | Plus                                            | Plus                   | Standard        | C.V. (Res)         | 24         | 5             |
|                                                        | 90  | 195                  | 1405~8420            | 7.2~43.2       | 8                        | 80/128/160/<br>240/320/480    | Premium                                         | Premium                | Premium         | C.V. (Res)         | 24         | 5             |
|                                                        | 95  | 170                  | 1220~7340            | 7.2~43.2       | 8                        | 80/128/160/<br>240/320/480    | Plus                                            | Plus                   | Standard        | C.V. (Res)         | 24         | 5             |
| High-Efficacy<br>Free-Cutting Series                   | 90  | 130~150              | 900~3080             | 6~22           | 1                        | 120/160/180/240               | Premium                                         | Standard               | Standard        | C.V. (Res)         | 24         | 5             |
| Prime Series                                           | 90  | 160~163              | 480~3200             | 3~20           | 8                        | 80/128/160/240                | Standard                                        | Plus                   | Standard        | C.C. (IC)          | 24         | 7~20          |
|                                                        | 90  | 173~175              | 520~3400             | 3~20           | 8                        | 80/128/160/240                | Plus                                            | Plus                   | Plus            | C.C. (IC)          | 24         | 7~20          |
|                                                        | 98  | 135                  | 1944~2916            | 14.4~21.6      | 8                        | 160/240                       | Plus                                            | Plus                   | Plus            | C.V. (Res)         | 24         | 5             |

High-Efficacy Classical ErP Series

FEATURE

- Premium ErP version with high energy efficiency class, which can replace the non- ErP or low-efficacy ErP version with classical power and LED density.
- 50,000h long lifespan.



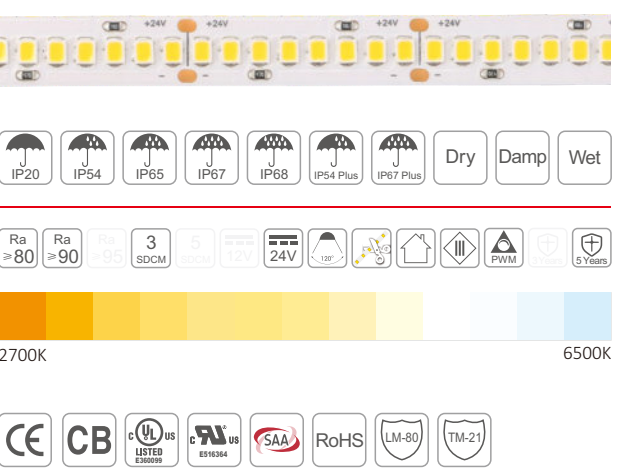
2835 LED White CRI80

|   | Part No.                  | LED Qty                 | Voltage | Power                  | Brightness<br>@4000K&CRI80 | Light Eff.<br>@4000K&CRI80 | Increment          | Dimension<br>@IP20                     |
|---|---------------------------|-------------------------|---------|------------------------|----------------------------|----------------------------|--------------------|----------------------------------------|
| E | GL-X2835XX-24-CV-070-FD35 | 70LED/M<br>(21LED/ft.)  | 24VDC   | 4.8W/M<br>(1.5W/ft.)   | 670lm/M<br>(200lm/ft.)     | 140lm/W                    | 100mm<br>(3.94in)  | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
| E | GL-X2835XX-24-CV-140-FD36 | 140LED/M<br>(42LED/ft.) | 24VDC   | 9.6W/M<br>(2.93W/ft.)  | 1340lm/M<br>(410lm/ft.)    | 140lm/W                    | 50mm<br>(1.97in)   | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
| E | GL-X2835XX-24-CV-140-FD36 | 140LED/M<br>(42LED/ft.) | 24VDC   | 14.4W/M<br>(4.39W/ft.) | 2020lm/M<br>(620lm/ft.)    | 140lm/W                    | 50mm<br>(1.97in)   | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
| D | GL-X2835XX-24-CV-080-ID39 | 80LED/M<br>(24LED/ft.)  | 24VDC   | 4.8W/M<br>(1.5W/ft.)   | 790lm/M<br>(240lm/ft.)     | 165lm/W                    | 100mm<br>(3.94in)  | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
| D | GL-X2835XX-24-CV-160-L642 | 160LED/M<br>(48LED/ft.) | 24VDC   | 9.6W/M<br>(2.93W/ft.)  | 1580lm/M<br>(480lm/ft.)    | 165lm/W                    | 50mm<br>(1.97in)   | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
| D | GL-X2835XX-24-CV-240-L643 | 240LED/M<br>(73LED/ft.) | 24VDC   | 14.4W/M<br>(4.39W/ft.) | 2380lm/M<br>(730lm/ft.)    | 165lm/W                    | 33.3mm<br>(1.31in) | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
| C | GL-X2835XX-24-CV-080-ID39 | 80LED/M<br>(24LED/ft.)  | 24VDC   | 4.8W/M<br>(1.5W/ft.)   | 870lm/M<br>(270lm/ft.)     | 180lm/W                    | 100mm<br>(3.94in)  | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
| C | GL-X2835XX-24-CV-160-L642 | 160LED/M<br>(48LED/ft.) | 24VDC   | 9.6W/M<br>(2.93W/ft.)  | 1730lm/M<br>(530lm/ft.)    | 180lm/W                    | 50mm<br>(1.97in)   | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
| C | GL-X2835XX-24-CV-240-L643 | 240LED/M<br>(73LED/ft.) | 24VDC   | 14.4W/M<br>(4.39W/ft.) | 2600lm/M<br>(790lm/ft.)    | 180lm/W                    | 33.3mm<br>(1.31in) | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |

High-Efficacy Classical ErP Series

FEATURE

- Premium ErP version with high energy efficiency class, which can replace the non- ErP or low-efficacy ErP version with classical power and LED density.
- 50,000h long lifespan.



2835 LED White CRI90

|   | Part No.                  | LED Qty                 | Voltage | Power                  | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment          | Dimension<br>@IP20                     |
|---|---------------------------|-------------------------|---------|------------------------|----------------------------|----------------------------|--------------------|----------------------------------------|
| E | GL-X2835XX-24-CV-070-FD35 | 70LED/M<br>(21LED/ft.)  | 24VDC   | 4.8W/M<br>(1.5W/ft.)   | 580lm/M<br>(180lm/ft.)     | 120lm/W                    | 100mm<br>(3.94in)  | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
| E | GL-X2835XX-24-CV-140-FD36 | 140LED/M<br>(42LED/ft.) | 24VDC   | 9.6W/M<br>(2.93W/ft.)  | 1160lm/M<br>(350lm/ft.)    | 120lm/W                    | 50mm<br>(1.97in)   | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
| E | GL-X2835XX-24-CV-140-FD36 | 140LED/M<br>(42LED/ft.) | 24VDC   | 14.4W/M<br>(4.39W/ft.) | 1730lm/M<br>(530lm/ft.)    | 120lm/W                    | 50mm<br>(1.97in)   | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
| E | GL-X2835XX-24-CV-080-ID39 | 80LED/M<br>(24LED/ft.)  | 24VDC   | 4.8W/M<br>(1.5W/ft.)   | 670lm/M<br>(200lm/ft.)     | 140lm/W                    | 100mm<br>(3.94in)  | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
| E | GL-X2835XX-24-CV-160-L642 | 160LED/M<br>(48LED/ft.) | 24VDC   | 9.6W/M<br>(2.93W/ft.)  | 1340lm/M<br>(410lm/ft.)    | 140lm/W                    | 50mm<br>(1.97in)   | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
| E | GL-X2835XX-24-CV-240-L643 | 240LED/M<br>(73LED/ft.) | 24VDC   | 14.4W/M<br>(4.39W/ft.) | 2020lm/M<br>(620lm/ft.)    | 140lm/W                    | 33.3mm<br>(1.31in) | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
| D | GL-X2835XX-24-CV-080-ID39 | 80LED/M<br>(24LED/ft.)  | 24VDC   | 4.8W/M<br>(1.5W/ft.)   | 730lm/M<br>(220lm/ft.)     | 153lm/W                    | 100mm<br>(3.94in)  | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
| D | GL-X2835XX-24-CV-160-L642 | 160LED/M<br>(48LED/ft.) | 24VDC   | 9.6W/M<br>(2.93W/ft.)  | 1470lm/M<br>(450lm/ft.)    | 153lm/W                    | 50mm<br>(1.97in)   | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
| D | GL-X2835XX-24-CV-240-L643 | 240LED/M<br>(73LED/ft.) | 24VDC   | 14.4W/M<br>(4.39W/ft.) | 2200lm/M<br>(670lm/ft.)    | 153lm/W                    | 33.3mm<br>(1.31in) | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |

## High-Efficacy High-Brightness Series

## FEATURE

- 7 LEDs in series per circuit section, available to achieve high light efficacy output up to 140lm/W, suitable used as a powerful light engine of luminary lighting with ultra high lumen output.
- 50,000h long lifespan.



2835 LED CRI80 Max. 140lm/W

|   |                         | Part No.                  | LED Qty                  | Voltage | Power                | Brightness<br>@4000K&CRI80             | Light Eff.<br>@4000K&CRI80 | Increment          | Dimension<br>@IP20                     |
|---|-------------------------|---------------------------|--------------------------|---------|----------------------|----------------------------------------|----------------------------|--------------------|----------------------------------------|
| E | Energy Efficiency Class | GL-X2835XX-24-CV-070-FD35 | 70LED/M<br>(21LED/ft.)   | 24VDC   | 4.8W/M<br>(1.5W/ft.) | 670lm/M<br>(200lm/ft.)                 | 140lm/W                    | 100mm<br>(3.94in)  | 15000*W10*H1mm<br>(1197*W0.39*H0.04in) |
| E | Energy Efficiency Class | GL-X2835XX-24-CV-070-FD35 | 70LED/M<br>(21LED/ft.)   | 24VDC   | 8.5W/M<br>(2.6W/ft.) | 1130lm/M<br>(340lm/ft.)                | 133lm/W                    | 100mm<br>(3.94in)  | 15000*W10*H1mm<br>(1197*W0.39*H0.04in) |
| E | Energy Efficiency Class | GL-X2835XX-24-CV-126-FE38 | 126LED/M<br>(38LED/ft.)  | 24VDC   | 12W/M<br>(3.7W/ft.)  | 1680lm/M<br>(510lm/ft.)                | 140lm/W                    | 55.6mm<br>(2.19in) | 15000*W10*H1mm<br>(1197*W0.39*H0.04in) |
| E | Energy Efficiency Class | GL-X2835XX-24-CV-140-FD36 | 140LED/M<br>(42LED/ft.)  | 24VDC   | 17W/M<br>(5.2W/ft.)  | 2260lm/M<br>(690lm/ft.)                | 133lm/W                    | 50mm<br>(1.97in)   | 15000*W10*H1mm<br>(1197*W0.39*H0.04in) |
| E | Energy Efficiency Class | GL-X2835XX-24-CV-168-FE39 | 168LED/M<br>(51LED/ft.)  | 24VDC   | 21W/M<br>(6.4W/ft.)  | 2790lm/M<br>(850lm/ft.)                | 133lm/W                    | 41.7mm<br>(1.64in) | 13000*W10*H1mm<br>(1118*W0.39*H0.04in) |
| E | Energy Efficiency Class | GL-X2835XX-24-CV-280-FE40 | 280LED/M<br>(85LED/ft.)  | 24VDC   | 23W/M<br>(7W/ft.)    | 3220lm/M<br>(980lm/ft.)<br>Two-Rows    | 140lm/W                    | 50mm<br>(1.97in)   | 15000*W20*H1mm<br>(1197*W0.79*H0.04in) |
| E | Energy Efficiency Class | GL-X2835XX-24-CV-280-FE40 | 280LED/M<br>(85LED/ft.)  | 24VDC   | 31W/M<br>(9.5W/ft.)  | 4120lm/M<br>(1260lm/ft.)<br>Two-Rows   | 133lm/W                    | 50mm<br>(1.97in)   | 15000*W20*H1mm<br>(1197*W0.79*H0.04in) |
| E | Energy Efficiency Class | GL-X2835XX-24-CV-420-IC48 | 420LED/M<br>(128LED/ft.) | 24VDC   | 30W/M<br>(9.1W/ft.)  | 3990lm/M<br>(1220lm/ft.)<br>Three-Rows | 133lm/W                    | 50mm<br>(1.97in)   | 15000*W25*H1mm<br>(1197*W0.98*H0.04in) |

## High-Efficacy High-Brightness Series

## FEATURE

- 7 LEDs in series per circuit section, available to achieve high light efficacy output up to 119lm/W, suitable used as a powerful light engine of luminary lighting with ultra high lumen output.
- 50,000h long lifespan.



2835 LED CRI90 Max. 119lm/W

|                                                                                       |                         | Part No.                 | LED Qty                  | Voltage | Power                | Brightness<br>@4000K&CRI90             | Light Eff.<br>@4000K&CRI90 | Increment          | Dimension<br>@IP20                     |
|---------------------------------------------------------------------------------------|-------------------------|--------------------------|--------------------------|---------|----------------------|----------------------------------------|----------------------------|--------------------|----------------------------------------|
|  | Energy Efficiency Class | GLX2835XX-24-CV-070-FD35 | 70LED/M<br>(21LED/ft.)   | 24VDC   | 5.6W/M<br>(1.7W/ft.) | 670lm/M<br>(200lm/ft.)                 | 119lm/W                    | 100mm<br>(3.94in)  | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
|  | Energy Efficiency Class | GLX2835XX-24-CV-070-FD35 | 70LED/M<br>(21LED/ft.)   | 24VDC   | 10W/M<br>(3W/ft.)    | 1130lm/M<br>(340lm/ft.)                | 113lm/W                    | 100mm<br>(3.94in)  | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
|  | Energy Efficiency Class | GLX2835XX-24-CV-126-FE38 | 126LED/M<br>(38LED/ft.)  | 24VDC   | 14W/M<br>(4.3W/ft.)  | 1680lm/M<br>(510lm/ft.)                | 119lm/W                    | 55.6mm<br>(2.19in) | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
|  | Energy Efficiency Class | GLX2835XX-24-CV-140-FD36 | 140LED/M<br>(42LED/ft.)  | 24VDC   | 20W/M<br>(6.1W/ft.)  | 2260lm/M<br>(690lm/ft.)                | 113lm/W                    | 50mm<br>(1.97in)   | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
|  | Energy Efficiency Class | GLX2835XX-24-CV-168-FE39 | 168LED/M<br>(51LED/ft.)  | 24VDC   | 25W/M<br>(7.6W/ft.)  | 2790lm/M<br>(850lm/ft.)                | 113lm/W                    | 41.7mm<br>(1.64in) | L3000*W10*H1mm<br>(L118*W0.39*H0.04in) |
|  | Energy Efficiency Class | GLX2835XX-24-CV-280-FE40 | 280LED/M<br>(85LED/ft.)  | 24VDC   | 31W/M<br>(9.5W/ft.)  | 3220lm/M<br>(980lm/ft.)<br>Two-Rows    | 119lm/W                    | 50mm<br>(1.97in)   | L5000*W20*H1mm<br>(L197*W0.79*H0.04in) |
|  | Energy Efficiency Class | GLX2835XX-24-CV-280-FE40 | 280LED/M<br>(85LED/ft.)  | 24VDC   | 36W/M<br>(11W/ft.)   | 4120lm/M<br>(1260lm/ft.)<br>Two-Rows   | 119lm/W                    | 50mm<br>(1.97in)   | L5000*W20*H1mm<br>(L197*W0.79*H0.04in) |
|  | Energy Efficiency Class | GLX2835XX-24-CV-420-IC48 | 420LED/M<br>(128LED/ft.) | 24VDC   | 33W/M<br>(10W/ft.)   | 3990lm/M<br>(1220lm/ft.)<br>Three-Rows | 119lm/W                    | 50mm<br>(1.97in)   | L5000*W25*H1mm<br>(L197*W0.98*H0.04in) |

## High-Efficacy High-Brightness Series

## FEATURE

- 4 LEDs / 8 LEDs in series per circuit section, available to achieve high light efficacy output up to 160lm/W, suitable used as a powerful light engine of luminary lighting with ultra high lumen output.
- 50,000h long lifespan.



2835 LED CRI80 Max. 160lm/W

|                                                                                   |                         | Part No.                  | LED Qty                  | Voltage | Power               | Brightness<br>@4000K&CRI80             | Light Eff.<br>@4000K&CRI80 | Increment          | Dimension<br>@IP20                     |
|-----------------------------------------------------------------------------------|-------------------------|---------------------------|--------------------------|---------|---------------------|----------------------------------------|----------------------------|--------------------|----------------------------------------|
|  | Energy Efficiency Class | GL-X2835XX-12-CV-064-ID38 | 64LED/M<br>(19LED/ft.)   | 12VDC   | 7W/M<br>(2.1W/ft.)  | 1090lm/M<br>(330lm/ft.)                | 155lm/W                    | 62.5mm<br>(2.46in) | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
|  | Energy Efficiency Class | GL-X2835XX-12-CV-120-ID21 | 120LED/M<br>(36LED/ft.)  | 12VDC   | 10W/M<br>(3W/ft.)   | 1600lm/M<br>(490lm/ft.)                | 160lm/W                    | 33.3mm<br>(1.31in) | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
|  | Energy Efficiency Class | GL-X2835XX-24-CV-064-ID37 | 64LED/M<br>(19LED/ft.)   | 24VDC   | 7W/M<br>(2.1W/ft.)  | 1090lm/M<br>(330lm/ft.)                | 155lm/W                    | 125mm<br>(4.92in)  | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
|  | Energy Efficiency Class | GL-X2835XX-24-CV-064-ID37 | 64LED/M<br>(19LED/ft.)   | 24VDC   | 10W/M<br>(3W/ft.)   | 1550lm/M<br>(470lm/ft.)                | 155lm/W                    | 125mm<br>(4.92in)  | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
|  | Energy Efficiency Class | GL-X2835XX-24-CV-080-ID39 | 80LED/M<br>(24LED/ft.)   | 24VDC   | 12W/M<br>(3.7W/ft.) | 1860lm/M<br>(570lm/ft.)                | 155lm/W                    | 100mm<br>(3.94in)  | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
|  | Energy Efficiency Class | GL-X2835XX-24-CV-128-IC21 | 128LED/M<br>(39LED/ft.)  | 24VDC   | 18W/M<br>(5.5W/ft.) | 2790lm/M<br>(850lm/ft.)                | 155lm/W                    | 62.5mm<br>(2.46in) | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
|  | Energy Efficiency Class | GL-X2835XX-24-CV-160-I642 | 160LED/M<br>(48LED/ft.)  | 24VDC   | 22W/M<br>(6.7W/ft.) | 3410lm/M<br>(1040lm/ft.)               | 155lm/W                    | 50mm<br>(1.97in)   | 3000*W10*H1mm<br>(L118*W0.39*H0.04in)  |
|  | Energy Efficiency Class | GL-X2835XX-24-CV-160-I642 | 160LED/M<br>(48LED/ft.)  | 24VDC   | 25W/M<br>(7.6W/ft.) | 3880lm/M<br>(1180lm/ft.)               | 155lm/W                    | 50mm<br>(1.97in)   | L3000*W10*H1mm<br>(L118*W0.39*H0.04in) |
|  | Energy Efficiency Class | GL-X2835XX-24-CV-240-I643 | 240LED/M<br>(73LED/ft.)  | 24VDC   | 27W/M<br>(8.2W/ft.) | 4190lm/M<br>(1280lm/ft.)               | 155lm/W                    | 33.3mm<br>(1.31in) | L3000*W10*H1mm<br>(L118*W0.39*H0.04in) |
|  | Energy Efficiency Class | GL-X2835XX-24-CV-480-I493 | 480LED/M<br>(146LED/ft.) | 24VDC   | 33W/M<br>(10W/ft.)  | 5280lm/M<br>(1610lm/ft.)<br>Three-Rows | 160lm/W                    | 50mm<br>(1.97in)   | L5000*W25*H1mm<br>(L197*W0.98*H0.04in) |
|  | Energy Efficiency Class | GL-X2835XX-24-CV-480-I493 | 480LED/M<br>(146LED/ft.) | 24VDC   | 40W/M<br>(12W/ft.)  | 6400lm/M<br>(1950lm/ft.)<br>Three-Rows | 160lm/W                    | 50mm<br>(1.97in)   | L5000*W25*H1mm<br>(L197*W0.98*H0.04in) |

## High-Efficacy High-Brightness Series

## FEATURE

- 4 LEDs / 8 LEDs in series per circuit section, available to achieve high light efficacy output up to 136lm/W, suitable used as a powerful light engine of luminary lighting with ultra high lumen output.
- 50,000h long lifespan.



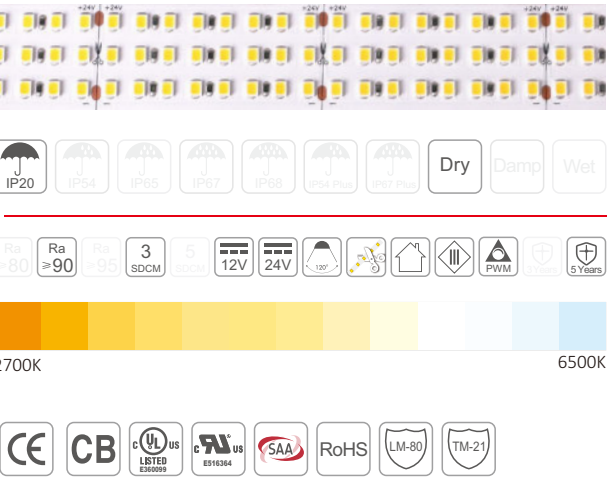
2835 LED CRI90 Max. 136lm/W

|                                                                                       |                         | Part No.                 | LED Qty                  | Voltage | Power                | Brightness<br>@4000K&CRI90             | Light Eff.<br>@4000K&CRI90 | Increment          | Dimension<br>@IP20                     |
|---------------------------------------------------------------------------------------|-------------------------|--------------------------|--------------------------|---------|----------------------|----------------------------------------|----------------------------|--------------------|----------------------------------------|
|  | Energy Efficiency Class | GLX2835XX-12-CV-064-1D38 | 64LED/M<br>(19LED/ft.)   | 12VDC   | 8.3W/M<br>(2.5W/ft.) | 1090lm/M<br>(330lm/ft.)                | 132lm/W                    | 62.5mm<br>(2.46in) | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
|  | Energy Efficiency Class | GLX2835XX-12-CV-120-1D21 | 120LED/M<br>(36LED/ft.)  | 12VDC   | 12W/M<br>(3.7W/ft.)  | 1600lm/M<br>(490lm/ft.)                | 136lm/W                    | 33.3mm<br>(1.31in) | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
|  | Energy Efficiency Class | GLX2835XX-24-CV-064-1D37 | 64LED/M<br>(19LED/ft.)   | 24VDC   | 8.3W/M<br>(2.5W/ft.) | 1090lm/M<br>(330lm/ft.)                | 132lm/W                    | 125mm<br>(4.92in)  | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
|  | Energy Efficiency Class | GLX2835XX-24-CV-064-1D37 | 64LED/M<br>(19LED/ft.)   | 24VDC   | 12W/M<br>(3.7W/ft.)  | 1550lm/M<br>(470lm/ft.)                | 132lm/W                    | 125mm<br>(4.92in)  | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
|  | Energy Efficiency Class | GLX2835XX-24-CV-080-1D39 | 80LED/M<br>(24LED/ft.)   | 24VDC   | 14W/M<br>(4.3W/ft.)  | 1860lm/M<br>(570lm/ft.)                | 132lm/W                    | 100mm<br>(3.94in)  | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
|  | Energy Efficiency Class | GLX2835XX-24-CV-128-1C21 | 128LED/M<br>(39LED/ft.)  | 24VDC   | 21W/M<br>(6.4W/ft.)  | 2790lm/M<br>(850lm/ft.)                | 132lm/W                    | 62.5mm<br>(2.46in) | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
|  | Energy Efficiency Class | GLX2835XX-24-CV-160-1642 | 160LED/M<br>(48LED/ft.)  | 24VDC   | 26W/M<br>(7.9W/ft.)  | 3410lm/M<br>(1040lm/ft.)               | 132lm/W                    | 50mm<br>(1.97in)   | L3000*W10*H1mm<br>(L118*W0.39*H0.04in) |
|  | Energy Efficiency Class | GLX2835XX-24-CV-160-1642 | 160LED/M<br>(48LED/ft.)  | 24VDC   | 30W/M<br>(9.1W/ft.)  | 3880lm/M<br>(1180lm/ft.)               | 132lm/W                    | 50mm<br>(1.97in)   | L3000*W10*H1mm<br>(L118*W0.39*H0.04in) |
|  | Energy Efficiency Class | GLX2835XX-24-CV-240-1643 | 240LED/M<br>(73LED/ft.)  | 24VDC   | 32W/M<br>(9.8W/ft.)  | 4190lm/M<br>(1280lm/ft.)               | 132lm/W                    | 33.3mm<br>(1.31in) | L3000*W10*H1mm<br>(L118*W0.39*H0.04in) |
|  | Energy Efficiency Class | GLX2835XX-24-CV-480-1493 | 480LED/M<br>(146LED/ft.) | 24VDC   | 39W/M<br>(11.9W/ft.) | 5280lm/M<br>(1610lm/ft.)<br>Three-Rows | 136lm/W                    | 50mm<br>(1.97in)   | L5000*W25*H1mm<br>(L197*W0.98*H0.04in) |
|  | Energy Efficiency Class | GLX2835XX-24-CV-480-1493 | 480LED/M<br>(146LED/ft.) | 24VDC   | 47W/M<br>(14.3W/ft.) | 6400lm/M<br>(1950lm/ft.)<br>Three-Rows | 136lm/W                    | 50mm<br>(1.97in)   | L5000*W25*H1mm<br>(L197*W0.98*H0.04in) |

High-Efficacy High-Brightness Series

FEATURE

- 4 LEDs / 8 LEDs in series per circuit section, available to achieve high light efficacy output up to 180lm/W, suitable used as a powerful light engine of luminary lighting with ultra high lumen output.
- 50,000h long lifespan.



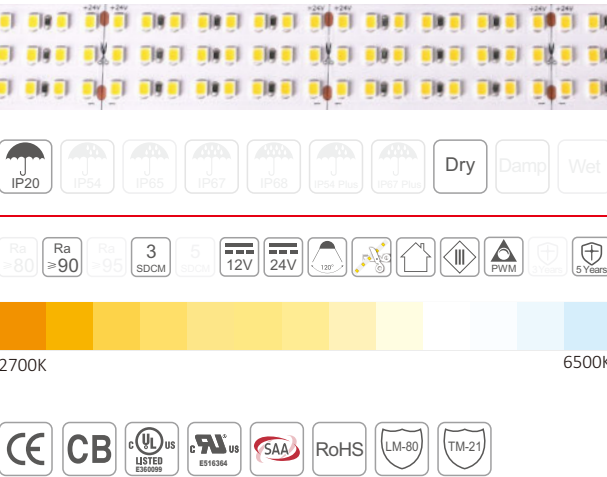
2835 LED CRI80 Max. 180lm/W

|   | Part No.                 | LED Qty                  | Voltage | Power               | Brightness<br>@4000k&CRI80             | Light Eff.<br>@4000k&CRI80 | Increment          | Dimension<br>@IP20                     |
|---|--------------------------|--------------------------|---------|---------------------|----------------------------------------|----------------------------|--------------------|----------------------------------------|
| D | GLX2835XX-12-CV-064-ID38 | 64LED/M<br>(19LED/ft.)   | 12VDC   | 7W/M<br>(2.1W/ft.)  | 1190lm/M<br>(360lm/ft.)                | 170lm/W                    | 62.5mm<br>(2.46in) | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
| C | GLX2835XX-12-CV-120-ID21 | 120LED/M<br>(36LED/ft.)  | 12VDC   | 10W/M<br>(3W/ft.)   | 1800lm/M<br>(550lm/ft.)                | 180lm/W                    | 33.3mm<br>(1.31in) | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
| D | GLX2835XX-24-CV-064-ID37 | 64LED/M<br>(19LED/ft.)   | 24VDC   | 7W/M<br>(2.1W/ft.)  | 1190lm/M<br>(360lm/ft.)                | 170lm/W                    | 25mm<br>(0.98in)   | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
| D | GLX2835XX-24-CV-064-ID37 | 64LED/M<br>(19LED/ft.)   | 24VDC   | 10W/M<br>(3W/ft.)   | 1700lm/M<br>(520lm/ft.)                | 170lm/W                    | 25mm<br>(0.98in)   | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
| D | GLX2835XX-24-CV-080-ID39 | 80LED/M<br>(24LED/ft.)   | 24VDC   | 12W/M<br>(3.7W/ft.) | 2040lm/M<br>(620lm/ft.)                | 170lm/W                    | 100mm<br>(3.94in)  | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
| D | GLX2835XX-24-CV-128-ID21 | 128LED/M<br>(39LED/ft.)  | 24VDC   | 18W/M<br>(5.5W/ft.) | 3060lm/M<br>(930lm/ft.)                | 170lm/W                    | 62.5mm<br>(2.46in) | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
| D | GLX2835XX-24-CV-160-L642 | 160LED/M<br>(48LED/ft.)  | 24VDC   | 22W/M<br>(6.7W/ft.) | 3740lm/M<br>(1140lm/ft.)               | 170lm/W                    | 50mm<br>(1.97in)   | L3000*W10*H1mm<br>(L118*W0.39*H0.04in) |
| D | GLX2835XX-24-CV-160-L642 | 160LED/M<br>(48LED/ft.)  | 24VDC   | 25W/M<br>(7.6W/ft.) | 4250lm/M<br>(1300lm/ft.)               | 170lm/W                    | 50mm<br>(1.97in)   | L3000*W10*H1mm<br>(L118*W0.39*H0.04in) |
| D | GLX2835XX-24-CV-240-L643 | 240LED/M<br>(73LED/ft.)  | 24VDC   | 27W/M<br>(8.2W/ft.) | 4590lm/M<br>(1400lm/ft.)               | 170lm/W                    | 33.3mm<br>(1.31in) | L3000*W10*H1mm<br>(L118*W0.39*H0.04in) |
| C | GLX2835XX-24-CV-480-L493 | 480LED/M<br>(146LED/ft.) | 24VDC   | 33W/M<br>(10W/ft.)  | 5940lm/M<br>(1810lm/ft.)<br>Three-Rows | 180lm/W                    | 50mm<br>(1.97in)   | L5000*W25*H1mm<br>(L197*W0.98*H0.04in) |
| C | GLX2835XX-24-CV-480-L493 | 480LED/M<br>(146LED/ft.) | 24VDC   | 40W/M<br>(12W/ft.)  | 7200lm/M<br>(2190lm/ft.)<br>Three-Rows | 180lm/W                    | 50mm<br>(1.97in)   | L5000*W25*H1mm<br>(L197*W0.98*H0.04in) |

High-Efficacy High-Brightness Series

FEATURE

- 4 LEDs / 8 LEDs in series per circuit section, available to achieve high light efficacy output up to 153lm/W, suitable used as a powerful light engine of luminary lighting with ultra high lumen output.
- 50,000h long lifespan.



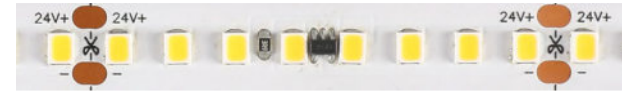
2835 LED CRI90 Max. 153lm/W

|   | Part No.                 | LED Qty                  | Voltage | Power                | Brightness<br>@4000K&CRI90             | Light Efficacy<br>@4000K&CRI90 | Increment          | Dimension<br>@IP20                     |
|---|--------------------------|--------------------------|---------|----------------------|----------------------------------------|--------------------------------|--------------------|----------------------------------------|
| E | GLX2835XX-12-CV-064-ID38 | 64LED/M<br>(19LED/ft.)   | 12VDC   | 8.3W/M<br>(2.5W/ft.) | 1190lm/M<br>(360lm/ft.)                | 145lm/W                        | 62.5mm<br>(2.46in) | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
| D | GLX2835XX-12-CV-120-ID21 | 120LED/M<br>(36LED/ft.)  | 12VDC   | 12W/M<br>(3.7W/ft.)  | 1800lm/M<br>(550lm/ft.)                | 153lm/W                        | 33.3mm<br>(1.31in) | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
| E | GLX2835XX-24-CV-064-ID37 | 64LED/M<br>(19LED/ft.)   | 24VDC   | 8.3W/M<br>(2.5W/ft.) | 1190lm/M<br>(360lm/ft.)                | 145lm/W                        | 125mm<br>(4.92in)  | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
| E | GLX2835XX-24-CV-064-ID37 | 64LED/M<br>(19LED/ft.)   | 24VDC   | 12W/M<br>(3.7W/ft.)  | 1700lm/M<br>(520lm/ft.)                | 145lm/W                        | 125mm<br>(4.92in)  | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
| E | GLX2835XX-24-CV-080-ID39 | 80LED/M<br>(24LED/ft.)   | 24VDC   | 14W/M<br>(4.3W/ft.)  | 2040lm/M<br>(620lm/ft.)                | 145lm/W                        | 100mm<br>(3.94in)  | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
| E | GLX2835XX-24-CV-128-ID21 | 128LED/M<br>(39LED/ft.)  | 24VDC   | 21W/M<br>(6.4W/ft.)  | 3060lm/M<br>(930lm/ft.)                | 145lm/W                        | 62.5mm<br>(2.46in) | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
| E | GLX2835XX-24-CV-160-L642 | 160LED/M<br>(48LED/ft.)  | 24VDC   | 26W/M<br>(7.9W/ft.)  | 3740lm/M<br>(1140lm/ft.)               | 145lm/W                        | 50mm<br>(1.97in)   | L3000*W10*H1mm<br>(L118*W0.39*H0.04in) |
| E | GLX2835XX-24-CV-160-L642 | 160LED/M<br>(48LED/ft.)  | 24VDC   | 30W/M<br>(9.1W/ft.)  | 4250lm/M<br>(1300lm/ft.)               | 145lm/W                        | 50mm<br>(1.97in)   | L3000*W10*H1mm<br>(L118*W0.39*H0.04in) |
| E | GLX2835XX-24-CV-240-L643 | 240LED/M<br>(73LED/ft.)  | 24VDC   | 32W/M<br>(9.8W/ft.)  | 2760lm/M<br>(1400lm/ft.)               | 145lm/W                        | 33.3mm<br>(1.31in) | L3000*W10*H1mm<br>(L118*W0.39*H0.04in) |
| D | GLX2835XX-24-CV-480-L493 | 480LED/M<br>(146LED/ft.) | 24VDC   | 39W/M<br>(11.9W/ft.) | 5940lm/M<br>(1810lm/ft.)<br>Three-Rows | 153lm/W                        | 50mm<br>(1.97in)   | L5000*W25*H1mm<br>(L197*W0.98*H0.04in) |
| D | GLX2835XX-24-CV-480-L493 | 480LED/M<br>(146LED/ft.) | 24VDC   | 47W/M<br>(14.3W/ft.) | 7200lm/M<br>(2190lm/ft.)<br>Three-Rows | 153lm/W                        | 50mm<br>(1.97in)   | L5000*W25*H1mm<br>(L197*W0.98*H0.04in) |

## High-Efficacy High-Brightness Series

## FEATURE

- 7 and 8 LEDs per section adopting IC constant current (C.C.) design, with high-efficiency output and no brightness differ for the entire length.
- Up to 150lm/W, suitable usage as a powerful light engine in luminaire.
- 50,000h long lifespan.



2835 LED CRI80 IC

|                                                                                                            | Part No.                 | LED Qty                 | Voltage | Power                  | Brightness<br>@4000K&CRI80 | Light Eff.<br>@4000K&CRI80 | Increment        | Dimension<br>@IP20                       |
|------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------|---------|------------------------|----------------------------|----------------------------|------------------|------------------------------------------|
|  Energy Efficiency Class | GLX2835XX-24-CV-140-8988 | 140LED/M<br>(43LED/ft.) | 24VDC   | 19.2W/M<br>(5.85W/ft.) | 2300lm/M<br>(700lm/ft.)    | 120lm/W                    | 50mm<br>(1.97in) | L5000*W10*H1.5mm<br>(L197*W0.39*H0.06in) |

2835 LED CRI90 IC

|                                                                                    | Part No.                 | LED Qty                 | Voltage | Power                  | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment        | Dimension<br>@IP20                       |
|------------------------------------------------------------------------------------|--------------------------|-------------------------|---------|------------------------|----------------------------|----------------------------|------------------|------------------------------------------|
|  | GLX2835XX-24-CV-140-8988 | 140LED/M<br>(43LED/ft.) | 24VDC   | 19.2W/M<br>(5.85W/ft.) | 1960lm/M<br>(600lm/ft.)    | 102lm/W                    | 50mm<br>(1.97in) | 15000*W10*H1.5mm<br>(L197*W0.39*H0.06in) |

2835 LED CRI80 IC

|                                                                                    |                         | Part No.                 | LED Qty                 | Voltage | Power                  | Brightness<br>@4000K&CRI80 | Light Eff.<br>@4000K&CRI80 | Increment           | Dimension<br>@IP20                        |
|------------------------------------------------------------------------------------|-------------------------|--------------------------|-------------------------|---------|------------------------|----------------------------|----------------------------|---------------------|-------------------------------------------|
|  | Energy Efficiency Class | GLX2835XX-24-CV-128-8898 | 128LED/M<br>(39LED/ft.) | 24VDC   | 19.2W/M<br>(5.85W/ft.) | 2880lm/M<br>(880lm/ft.)    | 150lm/W                    | 62.5mm<br>[2.46in.] | L5000*W10*H1.5mm<br>(L197*W0.39*H0.06in.) |
|  | Energy Efficiency Class | GLX2835XX-24-CV-160-9041 | 160LED/M<br>(49LED/ft.) | 24VDC   | 20W/M<br>(6.1W/ft.)    | 3000lm/M<br>(910lm/ft.)    | 150lm/W                    | 50mm<br>(1.97in)    | L5000*W10*H1.5mm<br>(L197*W0.39*H0.06in.) |
|  | Energy Efficiency Class | GLX2835XX-24-CV-240-9036 | 240LED/M<br>(73LED/ft.) | 24VDC   | 24W/M<br>(7.32W/ft.)   | 3600lm/M<br>(1100lm/ft.)   | 150lm/W                    | 33.3mm<br>(1.31in)  | L5000*W12*H1.5mm<br>(L197*W0.48*H0.06in.) |

## 2835 LED CRI90 IC

|   |                         | Part No.                 | LED Qty                 | Voltage | Power                  | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment           | Dimension<br>@IP20                       |
|---|-------------------------|--------------------------|-------------------------|---------|------------------------|----------------------------|----------------------------|---------------------|------------------------------------------|
| E | Energy Efficiency Class | GLX2835XX-24-CV-128-8898 | 128LED/M<br>(39LED/ft.) | 24VDC   | 19.2W/M<br>(5.85W/ft.) | 2440lm/M<br>(740lm/ft.)    | 127lm/W                    | 62.5mm<br>[2.46in.] | L5000*W10*H1.5mm<br>(L197*W0.39*H0.06in) |
| E | Energy Efficiency Class | GLX2835XX-24-CV-160-9041 | 160LED/M<br>(49LED/ft)  | 24VDC   | 20W/M<br>(6.1W/ft.)    | 2540lm/M<br>(770lm/ft.)    | 127lm/W                    | 50mm<br>(1.97in)    | L5000*W10*H1.5mm<br>(L197*W0.39*H0.06in) |
| E | Energy Efficiency Class | GLX2835XX-24-CV-240-9036 | 240LED/M<br>(73LED/ft)  | 24VDC   | 24W/M<br>(7.32W/ft.)   | 3050lm/M<br>(930lm/ft.)    | 127lm/W                    | 33.3mm<br>(1.31in)  | L5000*W12*H1.5mm<br>(L197*W0.48*H0.06in) |

## High-Efficacy Premium Series

## FEATURE

- Both high efficacy and high CRI performance.
- The brightness of CRI90 is the same as the normal CRI80 product.
- Energy Efficiency of new ErP (EU)2019/2020 compliant in level C with 8-LED cuttable design.
- Relatively low heat generation and low power consumption based on high efficiency design.



2835 LED White CRI80 190lm/W

|                                                                                       |                         | Part No.                  | LED Qty                  | Voltage | Power                  | Brightness<br>@4000K&CRI80 | Light Eff.<br>@4000K&CRI80 | Increment           | Dimension<br>@IP20                     |
|---------------------------------------------------------------------------------------|-------------------------|---------------------------|--------------------------|---------|------------------------|----------------------------|----------------------------|---------------------|----------------------------------------|
|  | Energy Efficiency Class | GL-X2835XX-24-CV-080-ID39 | 80LED/M<br>(24LED/ft.)   | 24VDC   | 7.2W/M<br>(2.2W/ft.)   | 1360lm/M<br>(415lm/ft.)    | 190lm/W                    | 100mm<br>(3.94in)   | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
|  | Energy Efficiency Class | GL-X2835XX-24-CV-128-IC21 | 128LED/M<br>(39LED/ft.)  | 24VDC   | 11.5W/M<br>(3.5W/ft.)  | 2180lm/M<br>(665lm/ft.)    | 190lm/W                    | 62.5mm<br>(2.46in)  | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
|  | Energy Efficiency Class | GL-X2835XX-24-CV-160-L642 | 160LED/M<br>(49LED/ft.)  | 24VDC   | 14.4W/M<br>(4.4W/ft.)  | 2730lm/M<br>(832lm/ft.)    | 190lm/W                    | 50mm<br>(1.97in)    | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
|  | Energy Efficiency Class | GL-X2835XX-24-CV-240-L643 | 240LED/M<br>(73LED/ft.)  | 24VDC   | 21.6W/M<br>(6.6W/ft.)  | 4110lm/M<br>(1250lm/ft.)   | 190lm/W                    | 33.33mm<br>(1.31in) | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
|  | Energy Efficiency Class | GL-X2835XX-24-CV-320-9198 | 320LED/M<br>(97LED/ft.)  | 24VDC   | 28.8W/M<br>(8.8W/ft.)  | 5470lm/M<br>(1668lm/ft.)   | 190lm/W                    | 50mm<br>(1.97in)    | L5000*W16*H1mm<br>(L197*W0.63*H0.04in) |
|  | Energy Efficiency Class | GL-X2835XX-24-CV-480-L493 | 480LED/M<br>(146LED/ft.) | 24VDC   | 43.2W/M<br>(13.2W/ft.) | 8200lm/M<br>(2500lm/ft.)   | 190lm/W                    | 50mm<br>(1.97in)    | L5000*W25*H1mm<br>(L197*W1*H0.04in)    |

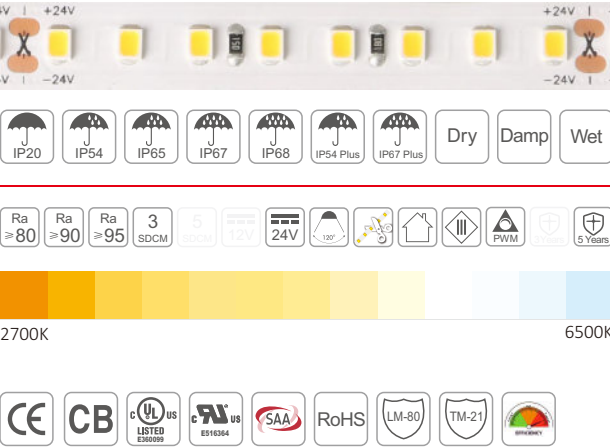
2835 LED White CRI90 180lm/W

|                                                                                       |                         | Part No.                  | LED Qty                  | Voltage | Power                  | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment           | Dimension<br>@IP20                     |
|---------------------------------------------------------------------------------------|-------------------------|---------------------------|--------------------------|---------|------------------------|----------------------------|----------------------------|---------------------|----------------------------------------|
|  | Energy Efficiency Class | GL-X2835XX-24-CV-080-ID39 | 80LED/M<br>(24LED/ft.)   | 24VDC   | 7.2W/M<br>(2.2W/ft.)   | 1290lm/M<br>(393lm/ft.)    | 180lm/W                    | 100mm<br>(3.94in)   | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
|  | Energy Efficiency Class | GL-X2835XX-24-CV-128-IC21 | 128LED/M<br>(39LED/ft.)  | 24VDC   | 11.5W/M<br>(3.5W/ft.)  | 2070lm/M<br>(631lm/ft.)    | 180lm/W                    | 62.5mm<br>(2.46in)  | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
|  | Energy Efficiency Class | GL-X2835XX-24-CV-160-L642 | 160LED/M<br>(49LED/ft.)  | 24VDC   | 14.4W/M<br>(4.4W/ft.)  | 2590lm/M<br>(790lm/ft.)    | 180lm/W                    | 50mm<br>(1.97in)    | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
|  | Energy Efficiency Class | GL-X2835XX-24-CV-240-L643 | 240LED/M<br>(73LED/ft.)  | 24VDC   | 21.6W/M<br>(6.6W/ft.)  | 3880lm/M<br>(1183lm/ft.)   | 180lm/W                    | 33.33mm<br>(1.31in) | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
|  | Energy Efficiency Class | GL-X2835XX-24-CV-320-9198 | 320LED/M<br>(97LED/ft.)  | 24VDC   | 28.8W/M<br>(8.8W/ft.)  | 5180lm/M<br>(1579lm/ft.)   | 180lm/W                    | 50mm<br>(1.97in)    | L5000*W16*H1mm<br>(L197*W0.63*H0.04in) |
|  | Energy Efficiency Class | GL-X2835XX-24-CV-480-L493 | 480LED/M<br>(146LED/ft.) | 24VDC   | 43.2W/M<br>(13.2W/ft.) | 7770lm/M<br>(2369lm/ft.)   | 180lm/W                    | 50mm<br>(1.97in)    | L5000*W25*H1mm<br>(L197*W1*H0.04in)    |

High-Efficacy Premium Series

FEATURE

- Both high efficacy and high CRI performance.
- The brightness of CRI90 is the same as the normal CRI80 product.
- Energy Efficiency of new ErP (EU)2019/2020 compliant in level C with 8-LED cuttable design.
- Relatively low heat generation and low power consumption base on high efficiency design.



2835 LED White CRI90 195lm/W

|  | Part No.                  | LED Qty                  | Voltage | Power                  | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment           | Dimension<br>@IP20                     |
|--|---------------------------|--------------------------|---------|------------------------|----------------------------|----------------------------|---------------------|----------------------------------------|
|  | GL-X2835XX-24-CV-080-ID39 | 80LED/M<br>(24LED/ft.)   | 24VDC   | 7.2W/M<br>(2.2W/ft.)   | 1405lm/M<br>(428lm/ft.)    | 195lm/W                    | 100mm<br>(3.94in)   | 15000*W10*H1mm<br>(L197*W0.39*H0.04in) |
|  | GL-X2835XX-24-CV-128-ID21 | 128LED/M<br>(39LED/ft.)  | 24VDC   | 11.5W/M<br>(3.5W/ft.)  | 2240lm/M<br>(683lm/ft.)    | 195lm/W                    | 62.5mm<br>(2.46in)  | 15000*W10*H1mm<br>(L197*W0.39*H0.04in) |
|  | GL-X2835XX-24-CV-160-ID42 | 160LED/M<br>(49LED/ft.)  | 24VDC   | 14.4W/M<br>(4.4W/ft.)  | 2810lm/M<br>(857lm/ft.)    | 195lm/W                    | 50mm<br>(1.97in)    | 15000*W10*H1mm<br>(L197*W0.39*H0.04in) |
|  | GL-X2835XX-24-CV-240-ID43 | 240LED/M<br>(73LED/ft.)  | 24VDC   | 21.6W/M<br>(6.6W/ft.)  | 4210lm/M<br>(1284lm/ft.)   | 195lm/W                    | 33.33mm<br>(1.31in) | 15000*W10*H1mm<br>(L197*W0.39*H0.04in) |
|  | GL-X2835XX-24-CV-320-9198 | 320LED/M<br>(97LED/ft.)  | 24VDC   | 28.8W/M<br>(8.8W/ft.)  | 5610lm/M<br>(1710lm/ft.)   | 195lm/W                    | 50mm<br>(1.97in)    | 15000*W16*H1mm<br>(L197*W0.63*H0.04in) |
|  | GL-X2835XX-24-CV-480-ID93 | 480LED/M<br>(146LED/ft.) | 24VDC   | 43.2W/M<br>(13.2W/ft.) | 8420lm/M<br>(2567lm/ft.)   | 195lm/W                    | 50mm<br>(1.97in)    | 15000*W25*H1mm<br>(L197*W1*H0.04in)    |

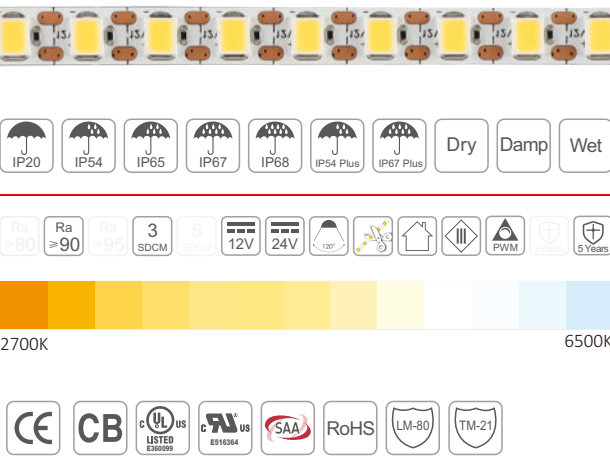
2835 LED White CRI95 170lm/W

|  | Part No.                  | LED Qty                  | Voltage | Power                  | Brightness<br>@4000K&CRI95 | Light Eff.<br>@4000K&CRI95 | Increment           | Dimension<br>@IP20                     |
|--|---------------------------|--------------------------|---------|------------------------|----------------------------|----------------------------|---------------------|----------------------------------------|
|  | GL-X2835XX-24-CV-080-ID39 | 80LED/M<br>(24LED/ft.)   | 24VDC   | 7.2W/M<br>(2.2W/ft.)   | 1220lm/M<br>(372lm/ft.)    | 170lm/W                    | 100mm<br>(3.94in)   | 15000*W10*H1mm<br>(L197*W0.39*H0.04in) |
|  | GL-X2835XX-24-CV-128-ID21 | 128LED/M<br>(39LED/ft.)  | 24VDC   | 11.5W/M<br>(3.5W/ft.)  | 1950lm/M<br>(595lm/ft.)    | 170lm/W                    | 62.5mm<br>(2.46in)  | 15000*W10*H1mm<br>(L197*W0.39*H0.04in) |
|  | GL-X2835XX-24-CV-160-ID42 | 160LED/M<br>(49LED/ft.)  | 24VDC   | 14.4W/M<br>(4.4W/ft.)  | 2440lm/M<br>(744lm/ft.)    | 170lm/W                    | 50mm<br>(1.97in)    | 15000*W10*H1mm<br>(L197*W0.39*H0.04in) |
|  | GL-X2835XX-24-CV-240-ID43 | 240LED/M<br>(73LED/ft.)  | 24VDC   | 21.6W/M<br>(6.6W/ft.)  | 3670lm/M<br>(1119lm/ft.)   | 170lm/W                    | 33.33mm<br>(1.31in) | 15000*W10*H1mm<br>(L197*W0.39*H0.04in) |
|  | GL-X2835XX-24-CV-320-9198 | 320LED/M<br>(97LED/ft.)  | 24VDC   | 28.8W/M<br>(8.8W/ft.)  | 4890lm/M<br>(1491lm/ft.)   | 170lm/W                    | 50mm<br>(1.97in)    | 15000*W16*H1mm<br>(L197*W0.63*H0.04in) |
|  | GL-X2835XX-24-CV-480-ID93 | 480LED/M<br>(146LED/ft.) | 24VDC   | 43.2W/M<br>(13.2W/ft.) | 7340lm/M<br>(2238lm/ft.)   | 170lm/W                    | 50mm<br>(1.97in)    | 15000*W25*H1mm<br>(L197*W1*H0.04in)    |

High-Efficacy Free-Cutting Series

FEATURE

- Field cuttable per one LED to be any length for precise assembly.
- High efficacy up to 150lm/W in CRI90 with energy efficiency class in D.
- Universal PCB width for perfect installation with aluminum profile.
- High density of LED array for dot-free linear lighting performance.



2835 LED White CRI90 Max. 150lm/W

|  | Part No.                  | LED Qty                 | Voltage | Power                 | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment          | Dimension<br>@IP20                       |
|--|---------------------------|-------------------------|---------|-----------------------|----------------------------|----------------------------|--------------------|------------------------------------------|
|  | GL-X2835XX-12-CV-120-9679 | 120LED/M<br>(36LED/ft.) | 12VDC   | 6W/M<br>(1.8W/ft.)    | 900lm/M<br>(274lm/ft.)     | 150lm/W                    | 8.33mm<br>(0.33in) | 13000*W5*H1.5mm<br>(L118*W0.2*H0.06in)   |
|  | GL-X2835XX-24-CV-120-9681 | 120LED/M<br>(36LED/ft.) | 24VDC   | 7.2W/M<br>(2.2W/ft.)  | 1008lm/M<br>(307lm/ft.)    | 140lm/W                    | 8.33mm<br>(0.33in) | 15000*W5*H1.5mm<br>(L197*W0.2*H0.06in)   |
|  | GL-X2835XX-12-CV-160-9680 | 160LED/M<br>(48LED/ft.) | 12VDC   | 7.2W/M<br>(2.2W/ft.)  | 1080lm/M<br>(329lm/ft.)    | 150lm/W                    | 6.25mm<br>(0.25in) | 13000*W5*H1.5mm<br>(L118*W0.2*H0.06in)   |
|  | GL-X2835XX-24-CV-160-9682 | 160LED/M<br>(48LED/ft.) | 24VDC   | 9.6W/M<br>(2.9W/ft.)  | 1344lm/M<br>(410lm/ft.)    | 140lm/W                    | 6.25mm<br>(0.25in) | 15000*W5*H1.5mm<br>(L197*W0.2*H0.06in)   |
|  | GL-X2835XX-24-CV-120-9686 | 120LED/M<br>(36LED/ft.) | 24VDC   | 9.6W/M<br>(2.9W/ft.)  | 1344lm/M<br>(410lm/ft.)    | 140lm/W                    | 8.33mm<br>(0.33in) | 15000*W8*H1.5mm<br>(L197*W0.31*H0.06in)  |
|  | GL-X2835XX-24-CV-160-9687 | 160LED/M<br>(48LED/ft.) | 24VDC   | 14.4W/M<br>(4.4W/ft.) | 2016lm/M<br>(614lm/ft.)    | 140lm/W                    | 6.25mm<br>(0.25in) | 15000*W8*H1.5mm<br>(L197*W0.31*H0.06in)  |
|  | GL-X2835XX-24-CV-160-9676 | 160LED/M<br>(48LED/ft.) | 24VDC   | 19.2W/M<br>(5.9W/ft.) | 2688lm/M<br>(820lm/ft.)    | 140lm/W                    | 6.25mm<br>(0.25in) | 15000*W10*H1.5mm<br>(L197*W0.39*H0.06in) |
|  | GL-X2835XX-24-CV-240-9677 | 240LED/M<br>(73LED/ft.) | 24VDC   | 22W/M<br>(6.7W/ft.)   | 3080lm/M<br>(939lm/ft.)    | 140lm/W                    | 4.17mm<br>(0.16in) | 15000*W10*H1.5mm<br>(L197*W0.39*H0.06in) |

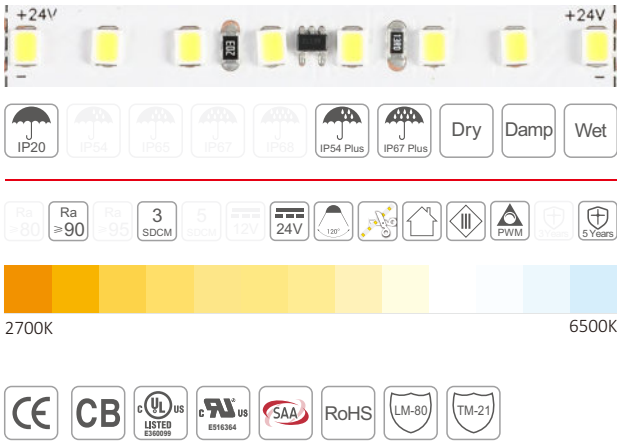
2835 LED CCT CRI90 130lm/W

|  | Part No.                  | LED Qty                 | Voltage | Power               | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment          | Dimension<br>@IP20                      |
|--|---------------------------|-------------------------|---------|---------------------|----------------------------|----------------------------|--------------------|-----------------------------------------|
|  | GL-X2835XX-24-CV-180-9678 | 180LED/M<br>(55LED/ft.) | 24VDC   | 18W/M<br>(5.5W/ft.) | 2340lm/M<br>(713lm/ft.)    | 130lm/W                    | 11.1mm<br>(0.44in) | 15000*W8*H1.5mm<br>(L197*W0.31*H0.06in) |

Prime Series

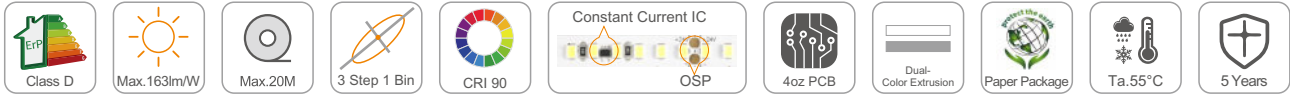
FEATURE

- Prime series using top material and design as standard configuration, such as, LED is mid-power high brightness formula, PCB with surface treatment of OSP for better welding and anti-oxidation performance, LEDs per section for higher efficacy, on-board constant current IC to ensure perfect consistency on brightness and color for the entire length.



Prime 2.0 2835 LED High-Efficacy Ultra-Long CRI90 160lm/W

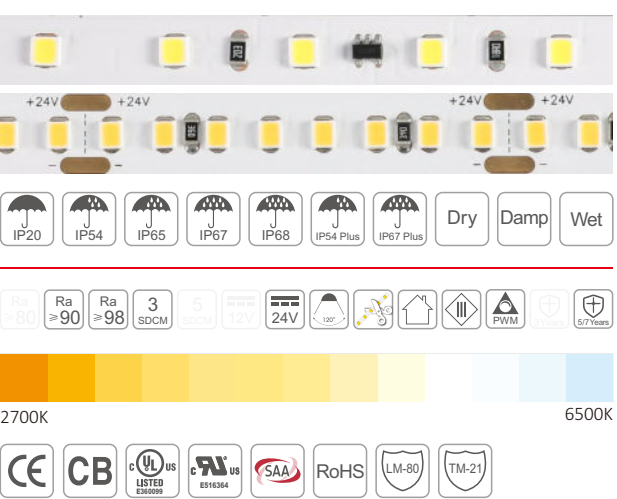
|   | Part No.                   | LED Qty                 | Voltage | Power                  | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment          | Dimension<br>@IP20                     |
|---|----------------------------|-------------------------|---------|------------------------|----------------------------|----------------------------|--------------------|----------------------------------------|
| D | GLX2835XX-24-CV-080-95190S | 80LED/M<br>(24LED/ft.)  | 24VDC   | 3W/M<br>(0.91W/ft.)    | 490lm/M<br>(149lm/ft.)     | 163lm/W                    | 100mm<br>(3.94in)  | L20000*W8*H1mm<br>(L197*W0.31*H0.04in) |
| D | GLX2835XX-24-CV-128-95140S | 128LED/M<br>(39LED/ft.) | 24VDC   | 3W/M<br>(0.91W/ft.)    | 480lm/M<br>(146lm/ft.)     | 160lm/W                    | 62.5mm<br>(2.46in) | L20000*W8*H1mm<br>(L197*W0.31*H0.04in) |
| D | GLX2835XX-24-CV-128-95140S | 128LED/M<br>(39LED/ft.) | 24VDC   | 6W/M<br>(1.83W/ft.)    | 980lm/M<br>(299lm/ft.)     | 163lm/W                    | 62.5mm<br>(2.46in) | L14000*W8*H1mm<br>(L551*W0.31*H0.04in) |
| D | GLX2835XX-24-CV-160-95220S | 160LED/M<br>(48LED/ft.) | 24VDC   | 9W/M<br>(2.74W/ft.)    | 1470lm/M<br>(448lm/ft.)    | 163lm/W                    | 50mm<br>(1.97in)   | L10000*W8*H1mm<br>(L394*W0.31*H0.04in) |
| D | GLX2835XX-24-CV-160-95220S | 160LED/M<br>(48LED/ft.) | 24VDC   | 13W/M<br>(3.96W/ft.)   | 2080lm/M<br>(634lm/ft.)    | 160lm/W                    | 50mm<br>(1.97in)   | L8000*W8*H1mm<br>(L315*W0.31*H0.04in)  |
| D | GLX2835XX-24-CV-240-95610S | 240LED/M<br>(73LED/ft.) | 24VDC   | 12.5W/M<br>(3.81W/ft.) | 2000lm/M<br>(610lm/ft.)    | 160lm/W                    | 33.3mm<br>(1.31in) | L10000*W10*H1mm<br>(L394*W0.4*H0.04in) |
| D | GLX2835XX-24-CV-240-95610S | 240LED/M<br>(73LED/ft.) | 24VDC   | 20W/M<br>(6.1W/ft.)    | 3200lm/M<br>(976lm/ft.)    | 160lm/W                    | 33.3mm<br>(1.31in) | L7000*W10*H1mm<br>(L276*W0.4*H0.04in)  |



Prime Series

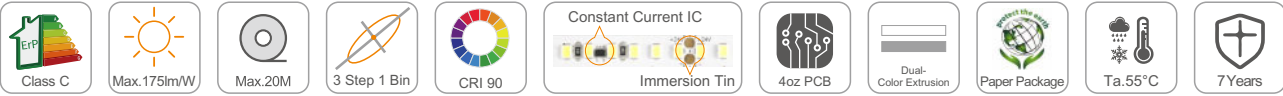
FEATURE

- Prime series using top material and design as standard configuration, such as, LED is mid-power high brightness formula, PCB with surface treatment of immersion gold for better welding and anti-oxidation performance, LEDs per section for higher efficacy, on-board constant current IC to ensure perfect consistency on brightness and color for the entire length.



Prime 2.1 2835 LED High-Efficacy Ultra-Long CRI90 175lm/W

|   | Part No.                   | LED Qty                 | Voltage | Power                  | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment          | Dimension<br>@IP20                     |
|---|----------------------------|-------------------------|---------|------------------------|----------------------------|----------------------------|--------------------|----------------------------------------|
| C | GLX2835XX-24-CV-080-95191S | 80LED/M<br>(24LED/ft.)  | 24VDC   | 3W/M<br>(0.91W/ft.)    | 520lm/M<br>(159lm/ft.)     | 175lm/W                    | 100mm<br>(3.94in)  | L20000*W8*H1mm<br>(L197*W0.31*H0.04in) |
| C | GLX2835XX-24-CV-128-95141S | 128LED/M<br>(39LED/ft.) | 24VDC   | 3W/M<br>(0.91W/ft.)    | 520lm/M<br>(159lm/ft.)     | 173lm/W                    | 62.5mm<br>(2.46in) | L20000*W8*H1mm<br>(L197*W0.31*H0.04in) |
| C | GLX2835XX-24-CV-128-95141S | 128LED/M<br>(39LED/ft.) | 24VDC   | 6W/M<br>(1.83W/ft.)    | 1050lm/M<br>(320lm/ft.)    | 175lm/W                    | 62.5mm<br>(2.46in) | L14000*W8*H1mm<br>(L551*W0.31*H0.04in) |
| C | GLX2835XX-24-CV-160-95221S | 160LED/M<br>(48LED/ft.) | 24VDC   | 9W/M<br>(2.74W/ft.)    | 1570lm/M<br>(479lm/ft.)    | 175lm/W                    | 50mm<br>(1.97in)   | L10000*W8*H1mm<br>(L394*W0.31*H0.04in) |
| C | GLX2835XX-24-CV-160-95221S | 160LED/M<br>(48LED/ft.) | 24VDC   | 13W/M<br>(3.96W/ft.)   | 2250lm/M<br>(686lm/ft.)    | 173lm/W                    | 50mm<br>(1.97in)   | L8000*W8*H1mm<br>(L315*W0.31*H0.04in)  |
| C | GLX2835XX-24-CV-240-95611S | 240LED/M<br>(73LED/ft.) | 24VDC   | 12.5W/M<br>(3.81W/ft.) | 2160lm/M<br>(659lm/ft.)    | 173lm/W                    | 33.3mm<br>(1.31in) | L10000*W10*H1mm<br>(L394*W0.4*H0.04in) |
| C | GLX2835XX-24-CV-240-95611S | 240LED/M<br>(73LED/ft.) | 24VDC   | 20W/M<br>(6.1W/ft.)    | 3400lm/M<br>(1037lm/ft.)   | 173lm/W                    | 33.3mm<br>(1.31in) | L7000*W10*H1mm<br>(L276*W0.4*H0.04in)  |



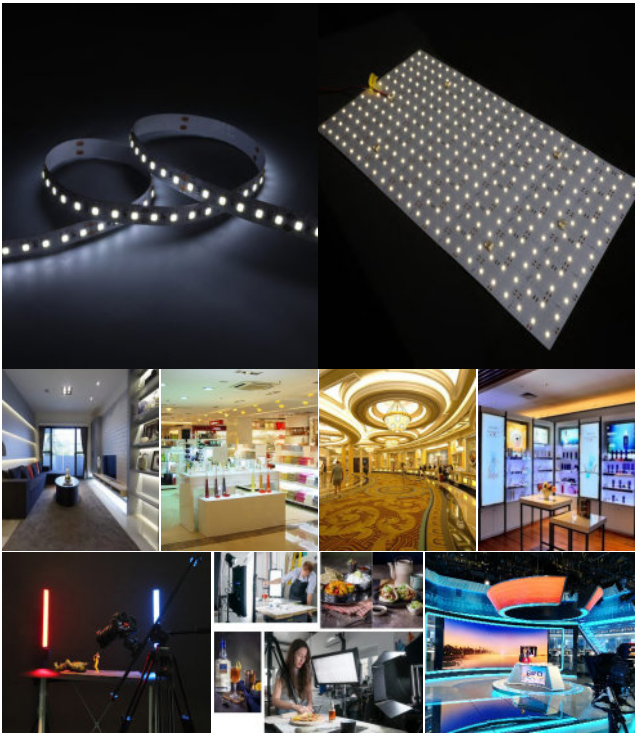
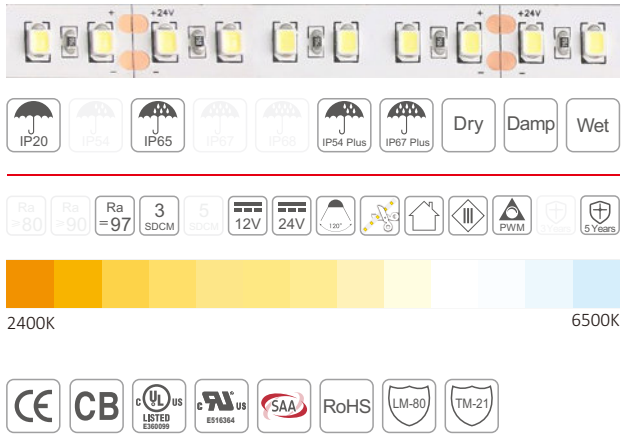
2835 LED CRI98 1-Step SDCM (R9≥95, Rf≥95, Rg≥100, TLCI≥98)

|   | Part No.                 | LED Qty                 | Voltage | Power                 | Brightness<br>@4000K&CRI98 | Light Eff.<br>@4000K&CRI98 | Increment          | Dimension<br>@IP20                     |
|---|--------------------------|-------------------------|---------|-----------------------|----------------------------|----------------------------|--------------------|----------------------------------------|
| E | GLX2835XX-24-CV-160-L642 | 160LED/M<br>(49LED/ft.) | 24VDC   | 14.4W/M<br>(4.4W/ft.) | 1944lm/M<br>(593lm/ft.)    | 135lm/W                    | 50mm<br>(1.35in)   | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |
| E | GLX2835XX-24-CV-240-L643 | 240LED/M<br>(73LED/ft.) | 24VDC   | 21.6W/M<br>(6.6W/ft.) | 2916lm/M<br>(889lm/ft.)    | 135lm/W                    | 33.3mm<br>(1.31in) | L5000*W10*H1mm<br>(L197*W0.39*H0.04in) |

Full-Spectrum Series

FEATURE

- Ra(avg. R1~R8)=97, Ra'(avg. R1~R15)=95, R9≥90, Rf(Fidelity Index)=95, Rg(Relative Gamut Index)=100, and TLCI(Television Lighting Consistency Index)=97.
- Ideal for decorative lighting in the residential, retail and hospitality industry.
- Ideal for the light supplementary lighting in the photography industry.
- Ideal for the direct and indirect lighting of studio in the film and television industry.



White 2835 LED Full-Spectrum

|                           | Part No.                  | LED Qty                       | Voltage | Power                 | Brightness<br>@4000K&CRI97 | Light Eff.<br>@4000K&CRI97 | Increment              | Dimension<br>@IP20                    |
|---------------------------|---------------------------|-------------------------------|---------|-----------------------|----------------------------|----------------------------|------------------------|---------------------------------------|
| F Energy Efficiency Class | GL-X2835XX-24-CV-140-ID36 | 140LED/M<br>(42LED/ft)        | 24VDC   | 14.4W/M<br>(4.39W/ft) | 1350lm/M<br>(410lm/ft)     | 94lm/W                     | 50mm<br>(1.97in)       | 15000*W10*H1mm<br>(L197*W0.4*H0.04in) |
| G Energy Efficiency Class | GL-X2835XX-24-CV-240-IN28 | 240LED/M<br>(73LED/ft)<br>CCT | 24VDC   | 24W/M<br>(7.32W/ft)   | 1980lm/M<br>(600lm/ft)     | 83lm/W                     | 25mm<br>(0.98in)       | 15000*W10*H1mm<br>(L197*W0.4*H0.04in) |
|                           | GL-X2835XX-24-CV-100-FG82 | 288LED/Sheet                  | 24VDC   | 45W/sheet             | 4030lm/sheet               | 90lm/W                     | 20*20mm<br>(0.8*0.8in) | 1480*W240*H1mm<br>(L19*W9.5*H0.04in)  |

Remark: Other quantities of LEDs and other items of PCBs can be made too.



CRI (based on human eyes)

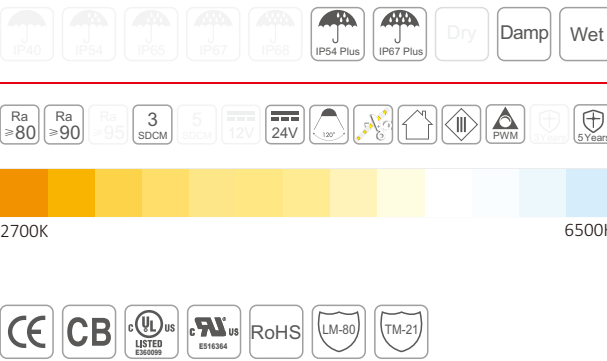


TLCI (based on camera device)

Dot-Free Pure Flow Series

FEATURE

- Uniform, dot free and ultra-thin flexible linear strip.
- Strong structure without dark area, higher reliability and higher production efficiency compared to COB flexible strip.
- High color consistency with one BIN LED and high efficacy.
- Available in different width and high power.
- On-field cuttable and assembly in IP54&IP67 waterproof rating.
- Ideal for high-end applications such as furniture, in space-limit mounting places, retail, etc.



White 2216 LED IP54

|                           | Part No.                               | LED Qty                  | Voltage | Power               | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment           | Dimension                              |
|---------------------------|----------------------------------------|--------------------------|---------|---------------------|----------------------------|----------------------------|---------------------|----------------------------------------|
| F Energy Efficiency Class | NS-414<br>(GL-K2216XX-24-CV-320-6470X) | 320LED/M<br>(97LED/ft.)  | 24VDC   | 10W/M<br>(3.0W/ft.) | 1100lm/M<br>(340lm/ft.)    | 110lm/W                    | 25mm<br>(0.98in.)   | 15000*W8*H4mm<br>(L197*W0.31*H0.16in.) |
| F Energy Efficiency Class | NS-414<br>(GL-K2216XX-24-CV-368-6250X) | 368LED/M<br>(112LED/ft.) | 24VDC   | 12W/M<br>(3.7W/ft.) | 1320lm/M<br>(400lm/ft.)    | 110lm/W                    | 21.7mm<br>(0.85in.) | 15000*W8*H4mm<br>(L197*W0.31*H0.16in.) |
| F Energy Efficiency Class | NS-414<br>(GL-K2216XX-24-CV-416-6240X) | 416LED/M<br>(126LED/ft.) | 24VDC   | 14W/M<br>(4.3W/ft.) | 1540lm/M<br>(470lm/ft.)    | 110lm/W                    | 19.2mm<br>(0.76in.) | 15000*W8*H4mm<br>(L197*W0.31*H0.16in.) |

White 2835 LED High-Power High-Efficacy IP54

|                           | Part No.                               | LED Qty                 | Voltage | Power               | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment           | Dimension                               |
|---------------------------|----------------------------------------|-------------------------|---------|---------------------|----------------------------|----------------------------|---------------------|-----------------------------------------|
| E Energy Efficiency Class | NS-413<br>(GL-K2835XX-24-CV-304-2720X) | 304LED/M<br>(92LED/ft.) | 24VDC   | 14W/M<br>(4.3W/ft.) | 1740lm/M<br>(530lm/ft.)    | 124lm/W                    | 26.3mm<br>(1.04in.) | 15000*W10*H4mm<br>(L197*W0.39*H0.16in.) |
| E Energy Efficiency Class | NS-413<br>(GL-K2835XX-24-CV-304-2720X) | 304LED/M<br>(92LED/ft.) | 24VDC   | 19W/M<br>(5.8W/ft.) | 2240lm/M<br>(680lm/ft.)    | 118lm/W                    | 26.3mm<br>(1.04in.) | 15000*W10*H4mm<br>(L197*W0.39*H0.16in.) |

White 2216 LED IP67

|                           | Part No.                               | LED Qty                  | Voltage | Power               | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment           | Dimension                              |
|---------------------------|----------------------------------------|--------------------------|---------|---------------------|----------------------------|----------------------------|---------------------|----------------------------------------|
| F Energy Efficiency Class | NS-468<br>(GL-H2216XX-24-CV-320-6470X) | 320LED/M<br>(97LED/ft.)  | 24VDC   | 10W/M<br>(3.0W/ft.) | 1100lm/M<br>(340lm/ft.)    | 110lm/W                    | 25mm<br>(0.98in.)   | 15000*W10*H5mm<br>(L197*W0.31*H0.2in.) |
| F Energy Efficiency Class | NS-468<br>(GL-H2216XX-24-CV-368-6250X) | 368LED/M<br>(112LED/ft.) | 24VDC   | 12W/M<br>(3.7W/ft.) | 1320lm/M<br>(400lm/ft.)    | 110lm/W                    | 21.7mm<br>(0.85in.) | 15000*W10*H5mm<br>(L197*W0.31*H0.2in.) |
| F Energy Efficiency Class | NS-468<br>(GL-H2216XX-24-CV-416-6240X) | 416LED/M<br>(126LED/ft.) | 24VDC   | 14W/M<br>(4.3W/ft.) | 1540lm/M<br>(470lm/ft.)    | 110lm/W                    | 19.2mm<br>(0.76in.) | 15000*W10*H5mm<br>(L197*W0.31*H0.2in.) |

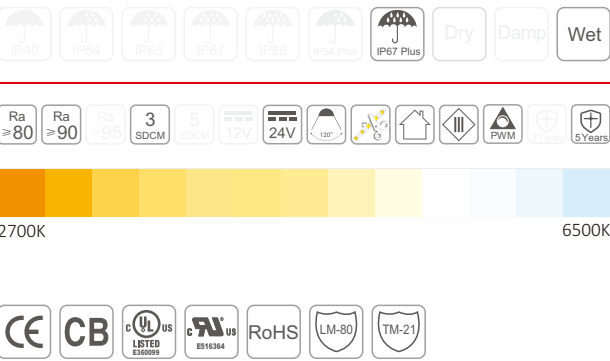
White 2835 LED High-Power High-Efficacy IP67

|                           | Part No.                               | LED Qty                 | Voltage | Power               | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment           | Dimension                                 |
|---------------------------|----------------------------------------|-------------------------|---------|---------------------|----------------------------|----------------------------|---------------------|-------------------------------------------|
| E Energy Efficiency Class | NS-416<br>(GL-H2835XX-24-CV-304-2720X) | 304LED/M<br>(92LED/ft.) | 24VDC   | 14W/M<br>(4.3W/ft.) | 1740lm/M<br>(530lm/ft.)    | 124lm/W                    | 26.3mm<br>(1.04in.) | 15000*W12*H4.5mm<br>(L197*W0.47*H0.18in.) |
| E Energy Efficiency Class | NS-416<br>(GL-H2835XX-24-CV-304-2720X) | 304LED/M<br>(92LED/ft.) | 24VDC   | 19W/M<br>(5.8W/ft.) | 2240lm/M<br>(680lm/ft.)    | 118lm/W                    | 26.3mm<br>(1.04in.) | 15000*W12*H4.5mm<br>(L197*W0.47*H0.18in.) |

Dot-Free Pure Flow Pro Series

FEATURE

- More upscale milky appearance with matte finish self-cleaning coating and laser printing .
- Much better light efficacy and homogeneous output using premium diffused materials.
- Flexible customization with various of color, CCT, CRI, brightness, power, etc.
- Reliable quality with longer warranty using mature technology and material.



White 2216 LED IP67 Pro NEW

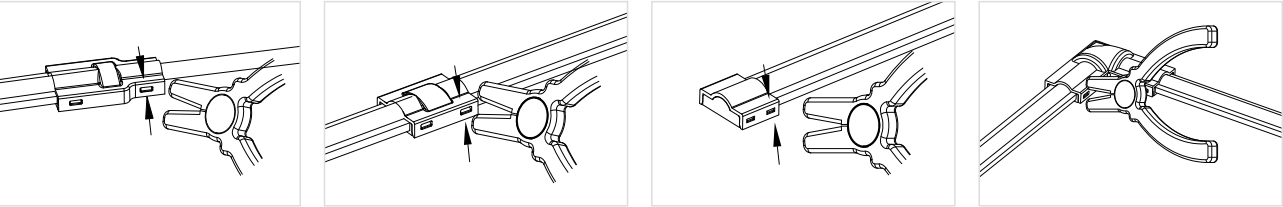
|                           | Part No.                              | LED Qty                  | Voltage | Power               | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment           | Dimension                              |
|---------------------------|---------------------------------------|--------------------------|---------|---------------------|----------------------------|----------------------------|---------------------|----------------------------------------|
| F Energy Efficiency Class | NS-175<br>(GLH2216XX-24-CV-336-8950X) | 336LED/M<br>(102LED/ft.) | 24VDC   | 12W/M<br>(3.7W/ft.) | 1250lm/M<br>(381lm/ft.)    | 104lm/W                    | 41.7mm<br>(1.64in.) | L5000*W8*H4mm<br>(L197*W0.31*H0.16in.) |
| F Energy Efficiency Class | NS-176<br>(GLH2216XX-24-CV-416-8960X) | 416LED/M<br>(127LED/ft.) | 24VDC   | 14W/M<br>(4.3W/ft.) | 1610lm/M<br>(491lm/ft.)    | 115lm/W                    | 19.2mm<br>(0.76in.) | L5000*W10*H5mm<br>(L197*W0.39*H0.2in.) |

White 2835 LED High-Power High-Efficacy IP67 Pro NEW

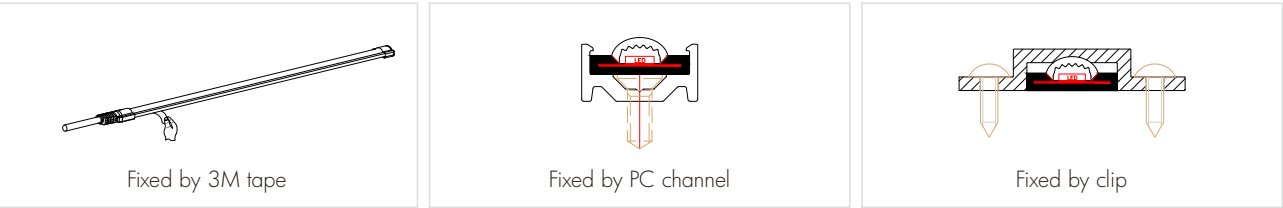
|                           | Part No.                              | LED Qty                 | Voltage | Power               | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment           | Dimension                                 |
|---------------------------|---------------------------------------|-------------------------|---------|---------------------|----------------------------|----------------------------|---------------------|-------------------------------------------|
| E Energy Efficiency Class | NS-172<br>(GLH2835XX-24-CV-304-2720X) | 304LED/M<br>(92LED/ft.) | 24VDC   | 14W/M<br>(4.3W/ft.) | 1820lm/M<br>(555lm/ft.)    | 130lm/W                    | 26.3mm<br>(1.04in.) | L5000*W12*H4.5mm<br>(L197*W0.47*H0.18in.) |
| E Energy Efficiency Class | NS-172<br>(GLH2835XX-24-CV-304-2720X) | 304LED/M<br>(92LED/ft.) | 24VDC   | 19W/M<br>(5.8W/ft.) | 2470lm/M<br>(753lm/ft.)    | 130lm/W                    | 26.3mm<br>(1.04in.) | L5000*W12*H4.5mm<br>(L197*W0.47*H0.18in.) |

ACCESSORY

Welding-free Quick-Assembly Connector



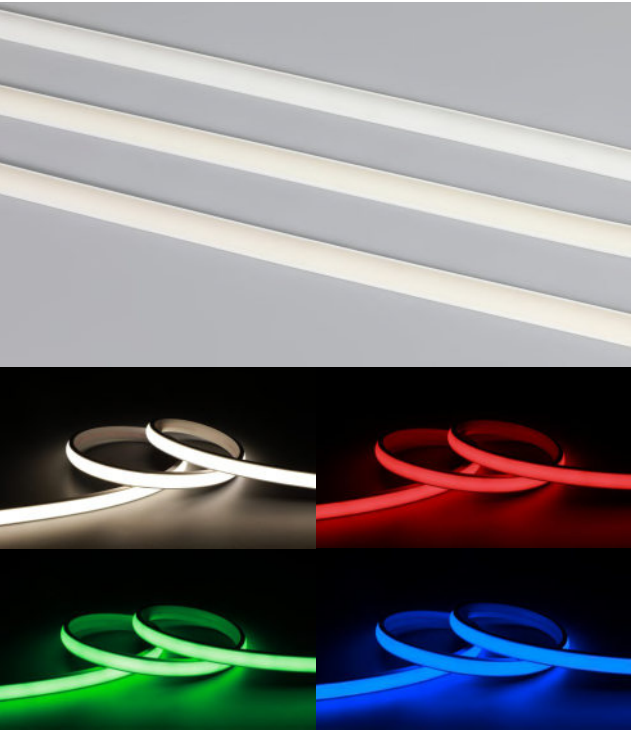
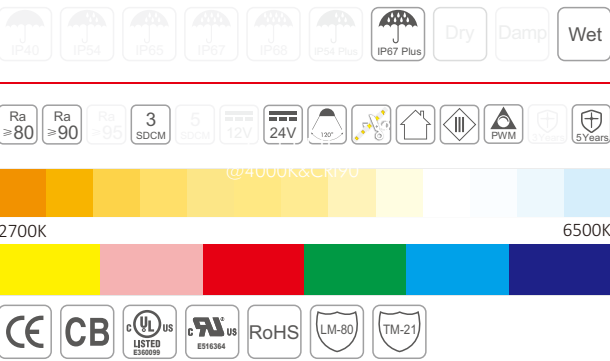
INSTALLATION



Dot-Free Pure Flow COB Series

FEATURE

- Upscale milky color silicone with mate finishing self-cleaning coating.
- Uniform, dot-free, smooth and comfortable using COB light source.
- Good structural and mechanical properties during usage and manufacturing.High production efficiency by adopting silicone extrusion processing technology.
- Higher waterproof grade in IP67 for indoor and outdoor usage.



White COB IP67 NEW

|                           | Part No.                             | Chip Qty                     | Voltage | Power               | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment         | Dimension                               |
|---------------------------|--------------------------------------|------------------------------|---------|---------------------|----------------------------|----------------------------|-------------------|-----------------------------------------|
| F Energy Efficiency Class | NS-A11<br>(GLHFCOBXX-24-CV-480-9422) | 480chips/M<br>(146chips/ft.) | 24VDC   | 12W/M<br>(3.7W/ft.) | 1000lm/M<br>(305lm/ft.)    | 83lm/W                     | 50mm<br>(1.97in.) | L5000*W10*H6mm<br>(L197*W0.39*H0.24in.) |

White COB IP67 NEW

|                           | Part No.                             | Chip Qty                     | Voltage | Power               | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment         | Dimension                               |
|---------------------------|--------------------------------------|------------------------------|---------|---------------------|----------------------------|----------------------------|-------------------|-----------------------------------------|
| F Energy Efficiency Class | NS-177<br>(GLHFCOBXX-24-CV-480-9423) | 480chips/M<br>(146chips/ft.) | 24VDC   | 12W/M<br>(3.7W/ft.) | 912lm/M<br>(278lm/ft.)     | 76lm/W                     | 50mm<br>(1.97in.) | L5000*W12*H6mm<br>(L197*W0.47*H0.24in.) |

White Free-Cutting COB IP67 NEW

|                           | Part No.                             | Chip Qty                  | Voltage | Power                | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment                        | Dimension                               |
|---------------------------|--------------------------------------|---------------------------|---------|----------------------|----------------------------|----------------------------|----------------------------------|-----------------------------------------|
| F Energy Efficiency Class | NS-177<br>(GLHFCOBXX-24-CV-320-9768) | 320LEDs/M<br>(98LEDs/ft.) | 24VDC   | 15W/M<br>(4.57W/ft.) | 1200lm/M<br>(366lm/ft.)    | 80lm/W                     | Free cutting<br>to be any length | L5000*W12*H6mm<br>(L197*W0.47*H0.24in.) |

CCT COB IP67 NEW

|                           | Part No.                             | Chip Qty                     | Voltage | Power                | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment           | Dimension                               |
|---------------------------|--------------------------------------|------------------------------|---------|----------------------|----------------------------|----------------------------|---------------------|-----------------------------------------|
| G Energy Efficiency Class | NS-177<br>(GLHFCOBXX-24-CV-608-9430) | 608chips/M<br>(185chips/ft.) | 24VDC   | 14W/M<br>(4.27W/ft.) | 980lm/M<br>(299lm/ft.)     | 70lm/W                     | 26.3mm<br>(1.04in.) | L5000*W12*H6mm<br>(L197*W0.47*H0.24in.) |

RGB COB IP67 NEW

|  | Part No.                             | Chip Qty                     | Voltage | Power                | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment         | Dimension                               |
|--|--------------------------------------|------------------------------|---------|----------------------|----------------------------|----------------------------|-------------------|-----------------------------------------|
|  | NS-177<br>(GLHFCOBXX-24-CV-840-9431) | 840chips/M<br>(256chips/ft.) | 24VDC   | 15W/M<br>(4.57W/ft.) | 480lm/M<br>(146lm/ft.)     | 32lm/W                     | 50mm<br>(1.97in.) | L5000*W12*H6mm<br>(L197*W0.47*H0.24in.) |

SPI RGBW COB IP67 NEW

|  | Part No.                             | Chip Qty                     | Voltage | Power                  | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment          | Dimension                               |
|--|--------------------------------------|------------------------------|---------|------------------------|----------------------------|----------------------------|--------------------|-----------------------------------------|
|  | NS-177<br>(GLHFCOBXX-24-CV-840-7278) | 840chips/M<br>(256chips/ft.) | 24VDC   | 14.4W/M<br>(4.93W/ft.) | 495lm/M<br>(151lm/ft.)     | 34lm/W                     | 100mm<br>(3.94in.) | L5000*W12*H6mm<br>(L197*W0.47*H0.24in.) |

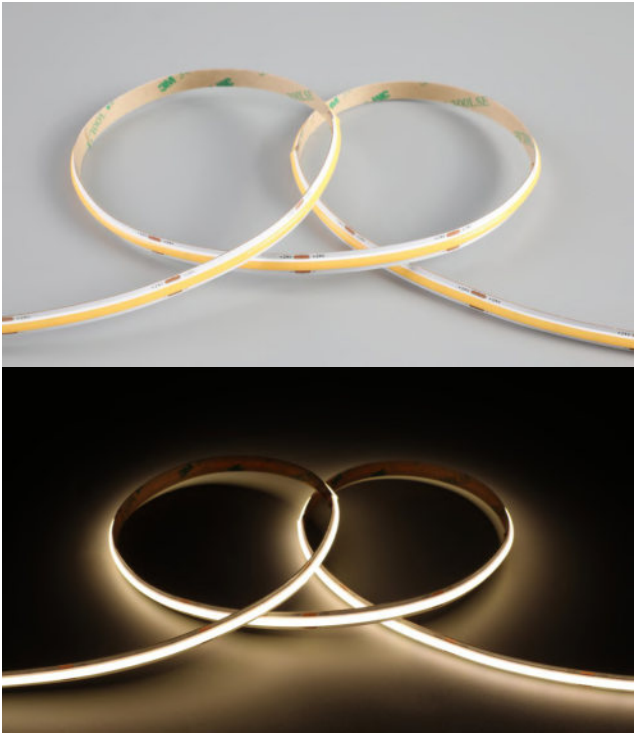


COB Pro Series

FEATURE

- High positioning, high reliability, ultra-thin appearance, and super flexible bending.
- Premium milky bounding wall structure design for better light uniformity.
- Use thick copper to ensure consistency in voltage and brightness for the entire reel.
- Adopting an exclusively designed protective structure, with excellent bending resistance, strong reliability, and stable quality.

DryDampWet



White

|  | Part No.                 | CHIP Qty                   | Voltage | Power                | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment           | Dimension<br>@IP20                        |
|--|--------------------------|----------------------------|---------|----------------------|----------------------------|----------------------------|---------------------|-------------------------------------------|
|  | GLXFCOBXX-24-CV-320-9426 | 320CHIP/M<br>(97CHIP/ft.)  | 24VDC   | 8W/M<br>(2.44W/ft.)  | 944lm/M<br>(288lm/ft.)     | 118lm/W                    | 50mm<br>(1.97in.)   | L5000*W8*H2.3mm<br>(L197*W0.31*H0.09in.)  |
|  | GLXFCOBXX-24-CV-384-9595 | 384CHIP/M<br>(117CHIP/ft.) | 24VDC   | 10W/M<br>(3.05W/ft.) | 1190lm/M<br>(363lm/ft.)    | 119lm/W                    | 20.8mm<br>(0.82in.) | L5000*W8*H2.3mm<br>(L197*W0.31*H0.09in.)  |
|  | GLXFCOBXX-24-CV-384-9547 | 384CHIP/M<br>(117CHIP/ft.) | 24VDC   | 10W/M<br>(3.05W/ft.) | 1190lm/M<br>(363lm/ft.)    | 119lm/W                    | 41.7mm<br>(1.64in.) | L5000*W8*H2.3mm<br>(L197*W0.31*H0.09in.)  |
|  | GLXFCOBXX-24-CV-480-9422 | 480CHIP/M<br>(146CHIP/ft.) | 24VDC   | 12W/M<br>(3.66W/ft.) | 1320lm/M<br>(402lm/ft.)    | 110lm/W                    | 50mm<br>(1.97in.)   | L5000*W8*H2.3mm<br>(L197*W0.31*H0.09in.)  |
|  | GLXFCOBXX-24-CV-384-9571 | 384CHIP/M<br>(117CHIP/ft.) | 24VDC   | 10W/M<br>(3.05W/ft.) | 1190lm/M<br>(363lm/ft.)    | 119lm/W                    | 41.7mm<br>(1.64in.) | L5000*W10*H2.3mm<br>(L197*W0.31*H0.09in.) |
|  | GLXFCOBXX-24-CV-480-9423 | 480CHIP/M<br>(146CHIP/ft.) | 24VDC   | 12W/M<br>(3.66W/ft.) | 1320lm/M<br>(402lm/ft.)    | 110lm/W                    | 50mm<br>(1.97in.)   | L5000*W10*H2.3mm<br>(L197*W0.31*H0.09in.) |
|  | GLXFCOBXX-24-CV-528-9478 | 528CHIP/M<br>(161CHIP/ft.) | 24VDC   | 14W/M<br>(4.3W/ft.)  | 1512lm/M<br>(461lm/ft.)    | 108lm/W                    | 45.5mm<br>(1.79in.) | L5000*W10*H2.3mm<br>(L197*W0.31*H0.09in.) |

White High-Efficacy Premium

|  | Part No.                 | CHIP Qty                 | Voltage | Power                | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment         | Dimension<br>@IP20                       |
|--|--------------------------|--------------------------|---------|----------------------|----------------------------|----------------------------|-------------------|------------------------------------------|
|  | GLXFCOBXX-24-CV-480-9422 | 480LED/M<br>(146LED/ft.) | 24VDC   | 12W/M<br>(3.66W/ft.) | 1727lm/M<br>(526lm/ft.)    | 144lm/W                    | 50mm<br>(1.97in.) | L5000*W8*H2.3mm<br>(L197*W0.31*H0.09in.) |

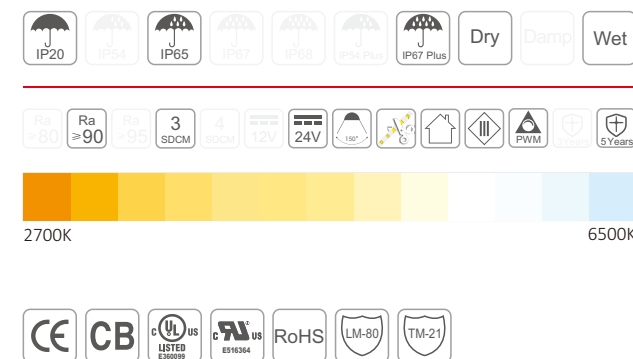
White High-Efficacy Premium-SMD

|  | Part No.                 | CHIP Qty                | Voltage | Power                  | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment          | Dimension<br>@IP20                        |
|--|--------------------------|-------------------------|---------|------------------------|----------------------------|----------------------------|--------------------|-------------------------------------------|
|  | GLXFCOBXX-24-CV-320-9587 | 320LED/M<br>(98LED/ft.) | 24VDC   | 16.8W/M<br>(5.12W/ft.) | 2184lm/M<br>(666lm/ft.)    | 130lm/W                    | 25mm<br>(0.98in.)  | L5000*W8*H2.3mm<br>(L197*W0.31*H0.09in.)  |
|  | GLXFCOBXX-24-CV-288-9586 | 288LED/M<br>(88LED/ft.) | 24VDC   | 19.2W/M<br>(5.85W/ft.) | 2688lm/M<br>(820lm/ft.)    | 140lm/W                    | 27.7mm<br>(1.1in.) | L5000*W10*H2.9mm<br>(L197*W0.39*H0.11in.) |
|  | GLXFCOBXX-24-CV-288-9586 | 288LED/M<br>(88LED/ft.) | 24VDC   | 19.2W/M<br>(5.85W/ft.) | 3072lm/M<br>(936lm/ft.)    | 160lm/W                    | 27.7mm<br>(1.1in.) | L5000*W10*H2.9mm<br>(L197*W0.39*H0.11in.) |

## COB Pro Series

## FEATURE

- High positioning, high reliability, ultra-thin appearance, and super flexible bending.
- Premium milky bounding wall structure design for better light uniformity.
- Use thick copper to ensure consistency in voltage and brightness for the entire reel.
- Adopting an exclusively designed protective structure, with excellent bending resistance, strong reliability, and stable quality.



White Prime (CRI95 1-Step SDCM)

|                                                 | Part No.       | CHIP Qty      | Voltage | Power       | Brightness<br>@3000K&CRI90 | Light Eff.<br>@3000K&CRI90 | Increment         | Dimension<br>@IP20                        |
|-------------------------------------------------|----------------|---------------|---------|-------------|----------------------------|----------------------------|-------------------|-------------------------------------------|
| <div>F</div> <div>Energy Efficiency Class</div> | GL-XFCOBXX-    | 480CHIP/M     | 24VDC   | 12W/M       | 1130lm/M                   | 94lm/W                     | 50mm<br>(1.97in.) | L15000*W8*H1.5mm<br>(L591*W0.31*H0.06in.) |
|                                                 | 24-CV-480-9422 | (146CHIP/ft.) |         | (3.66W/ft.) | (345lm/ft.)                |                            |                   |                                           |

## White Ultra-Long 15M

| Part No.                      | CHIP Qty                   | Voltage | Power               | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment          | Dimension<br>@IP20                        |
|-------------------------------|----------------------------|---------|---------------------|----------------------------|----------------------------|--------------------|-------------------------------------------|
| GL-XFCOBXX-<br>24-CV-490-9486 | 490CHIP/M<br>(149CHIP/ft.) | 24VDC   | 8W/M<br>(2.44W/ft.) | 800lm/M<br>(244lm/ft.)     | 100lm/W                    | 100mm<br>(3.94in.) | 11500*W10*H1.5mm<br>(L591*W0.39*H0.06in.) |

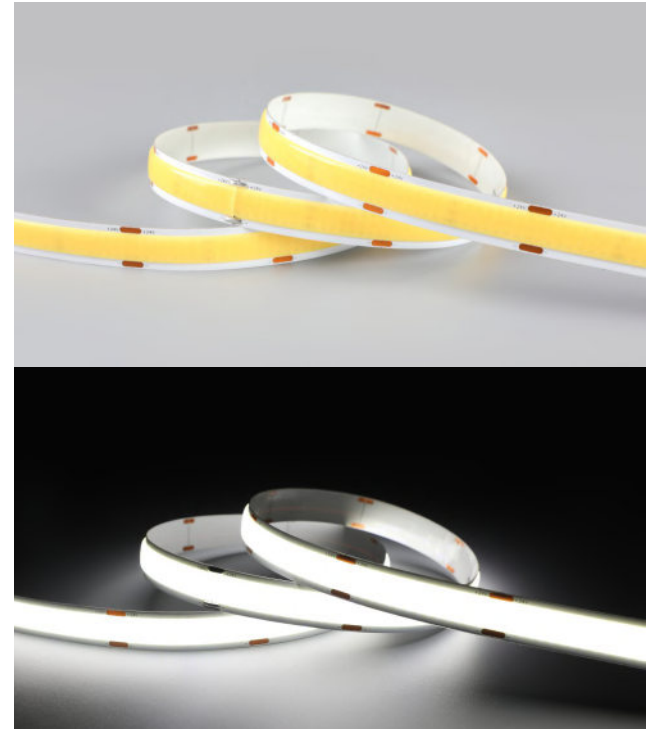
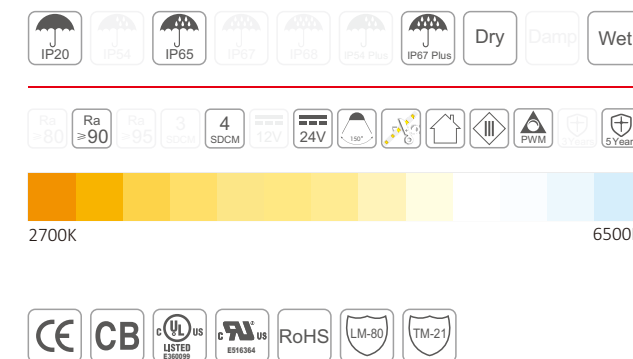
White Ultra-Long 48V 10M/30M

|   |                         | Part No.                 | CHIP Qty                   | Voltage | Power               | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment          | Dimension<br>@IP20                          |
|---|-------------------------|--------------------------|----------------------------|---------|---------------------|----------------------------|----------------------------|--------------------|---------------------------------------------|
| F | Energy Efficiency Class | GLXFCOBXX-48-CV-320-9851 | 320CHIP/M<br>(98CHIP/ft.)  | 48VDC   | 8W/M<br>(2.4W/ft.)  | 824lm/M<br>(251lm/ft.)     | 103lm/W                    | 50mm<br>(1.97in.)  | L10000*W8*H2.9mm<br>(L394*W0.31*H0.11in.)   |
| F | Energy Efficiency Class | GLXFCOBXX-48-CV-480-9852 | 480CHIP/M<br>(146CHIP/ft.) | 48VDC   | 12W/M<br>(3.7W/ft.) | 1224lm/M<br>(373lm/ft.)    | 102lm/W                    | 50mm<br>(1.97in.)  | L10000*W8*H2.9mm<br>(L394*W0.31*H0.11in.)   |
| F | Energy Efficiency Class | GLXFCOBXX-48-CV-480-9853 | 480CHIP/M<br>(146CHIP/ft.) | 48VDC   | 14W/M<br>(4.3W/ft.) | 1344lm/M<br>(410lm/ft.)    | 96lm/W                     | 50mm<br>(1.97in.)  | L10000*W8*H2.9mm<br>(L394*W0.31*H0.11in.)   |
| F | Energy Efficiency Class | GLXFCOBXX-48-CV-420-9854 | 420CHIP/M<br>(128CHIP/ft.) | 48VDC   | 8W/M<br>(2.4W/ft.)  | 720lm/M<br>(220lm/ft.)     | 90lm/W                     | 100mm<br>(3.94in.) | L30000*W10*H1.9mm<br>(L1181*W0.39*H0.07in.) |

# COB Pro Series

## FEATURE

- High positioning, high reliability, ultra-thin appearance, and super flexible bending.
- Premium milky bounding wall structure design for better light uniformity.
- Use thick copper to ensure consistency in voltage and brightness for the entire reel.
- Adopting an exclusively designed protective structure, with excellent bending resistance, strong reliability, and stable quality.



## White Short-Cutting

|                                                                                       | Part No.                  | CHIP Qty                   | Voltage | Power               | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment           | Dimension<br>@IP20                       |
|---------------------------------------------------------------------------------------|---------------------------|----------------------------|---------|---------------------|----------------------------|----------------------------|---------------------|------------------------------------------|
|  | GL-XFCOBXX-24-CV-480-9694 | 480CHIP/M<br>(146CHIP/ft.) | 24VDC   | 6W/M<br>(1.83W/ft.) | 600lm/M<br>(183lm/ft.)     | 100lm/W                    | 8.33mm<br>(0.33in.) | 15000*W5*H1.4mm<br>(1197*W0.2*H0.06in.)  |
|  | GL-XFCOBXX-24-CV-480-9659 | 480CHIP/M<br>(146CHIP/ft.) | 24VDC   | 12W/M<br>(3.7W/ft.) | 1200lm/M<br>(360lm/ft.)    | 100lm/W                    | 8.33mm<br>(0.33in.) | 15000*W8*H2.7mm<br>(1197*W0.31*H0.11in.) |

## White Free-Cutting

|                           | Part No.                  | CHIP Qty             | Voltage | Power            | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment                     | Dimension<br>@IP20                      |
|---------------------------|---------------------------|----------------------|---------|------------------|----------------------------|----------------------------|-------------------------------|-----------------------------------------|
| F Energy Efficiency Class | GL-XFCOBXX-24-CV-320-9683 | 320LED/M (98LED/ft.) | 24VDC   | 15W/M (4.6W/ft.) | 1650lm/M (503lm/ft.)       | 110lm/W                    | Free cutting to be any length | 1500MM*W8"H2.5mm (L1.97'*W0.31"H0.1in.) |

## White Ultra-Slim

|                                                                                                               | Part No.                  | CHIP Qty                   | Voltage | Power               | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment         | Dimension<br>@IP20                       |
|---------------------------------------------------------------------------------------------------------------|---------------------------|----------------------------|---------|---------------------|----------------------------|----------------------------|-------------------|------------------------------------------|
|  Energy Efficiency Class | GL-XFCOBXX-24-CV-320-9494 | 320CHIP/M<br>(98CHIP/ft.)  | 24VDC   | 6W/M<br>(1.83W/ft.) | 540lm/M<br>(164lm/ft.)     | 90lm/W                     | 50mm<br>(1.97in.) | L3000*W3*H1.4mm<br>(L118*W0.12*H0.06in.) |
|  Energy Efficiency Class | GL-XFCOBXX-24-CV-480-9476 | 480CHIP/M<br>(146CHIP/ft.) | 24VDC   | 6W/M<br>(1.83W/ft.) | 558lm/M<br>(170lm/ft.)     | 93lm/W                     | 50mm<br>(1.97in.) | L3000*W5*H1.4mm<br>(L118*W0.2*H0.06in.)  |

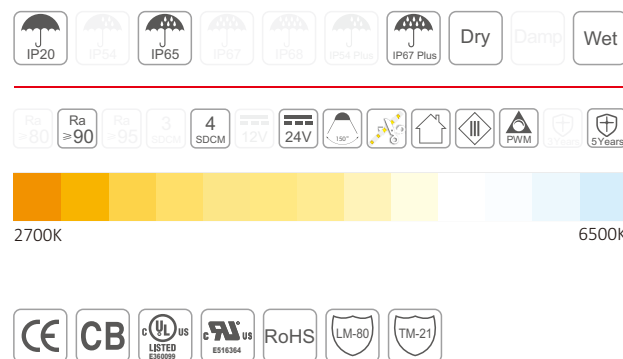
## White Ultra-Wide

| Energy Efficiency Class    |                             |         |                      |                            |                            |                   |                                         |  |
|----------------------------|-----------------------------|---------|----------------------|----------------------------|----------------------------|-------------------|-----------------------------------------|--|
| Part No.                   | CHIP Qty                    | Voltage | Power                | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment         | Dimension<br>@IP20                      |  |
| GL-XFCOBXX-24-CV-960-9873  | 960CHIP/M<br>(293CHIP/ft.)  | 24VDC   | 20W/M<br>(6.1W/ft.)  | 1920lm/M<br>(585lm/ft.)    | 96lm/W                     | 50mm<br>(1.97in.) | L3000*W15*H2mm<br>(L118*W0.59*H0.08in.) |  |
| GL-XFCOBXX-24-CV-1920-9875 | 1920CHIP/M<br>(585CHIP/ft.) | 24VDC   | 30W/M<br>(9.15W/ft.) | 2790lm/M<br>(851lm/ft.)    | 93lm/W                     | 25mm<br>(0.98in.) | L3000*W30*H2mm<br>(L118*W1.18*H0.08in.) |  |

# COB Pro Series

## FEATURE

- High positioning, high reliability, ultra-thin appearance, and super flexible bending.
- Premium milky bounding wall structure design for better light uniformity.
- Use thick copper to ensure consistency in voltage and brightness for the entire reel.
- Adopting an exclusively designed protective structure, with excellent bending resistance, strong reliability, and stable quality.



## White Full-Spectrum

|                                                                                                            | Part No.       | CHIP Qty      | Voltage | Power       | Brightness<br>@4000K&CRI97 | Light Eff.<br>@4000K&CRI97 | Increment | Dimension<br>@IP20    |
|------------------------------------------------------------------------------------------------------------|----------------|---------------|---------|-------------|----------------------------|----------------------------|-----------|-----------------------|
|  Energy Efficiency Class | GLXFCOBXX-     | 480CHIP/M     | 24VDC   | 12W/M       | 1060lm/M                   | 88lm/W                     | 50mm      | L5000*W8*H2.3mm       |
|                                                                                                            | 24-CV-480-9422 | (146CHIP/ft.) |         | (3.66W/ft.) | (320lm/ft.)                |                            | (1.97in.) | (L197*W0.31*H0.09in.) |

## White 3-in-1 Power Switchable



|   |                         | Part No.                 | CHIP Qty                    | Voltage | Power                  | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment         | Dimension<br>@IP20                        |
|---|-------------------------|--------------------------|-----------------------------|---------|------------------------|----------------------------|----------------------------|-------------------|-------------------------------------------|
| F | Energy Efficiency Class | GLXFCOBXX-24-CV-560-7285 | 560CHIP/M<br>(171 CHIP/ft.) | 24VDC   | 4.8W/M<br>(1.46W/ft.)  | 480lm/M<br>(146lm/ft.)     | 100lm/W                    | 25mm<br>(0.98in.) | L5000*W10*H2.9mm<br>(L197*W0.39*H0.11in.) |
| F | Energy Efficiency Class | GLXFCOBXX-24-CV-560-7285 | 560CHIP/M<br>(171 CHIP/ft.) | 24VDC   | 9.6W/M<br>(2.93W/ft.)  | 950lm/M<br>(290lm/ft.)     | 99lm/W                     | 25mm<br>(0.98in.) | L5000*W10*H2.9mm<br>(L197*W0.39*H0.11in.) |
| F | Energy Efficiency Class | GLXFCOBXX-24-CV-560-7285 | 560CHIP/M<br>(171 CHIP/ft.) | 24VDC   | 14.4W/M<br>(4.39W/ft.) | 1360lm/M<br>(415lm/ft.)    | 97lm/W                     | 25mm<br>(0.98in.) | L5000*W10*H2.9mm<br>(L197*W0.39*H0.11in.) |

## White CSP

|                                                 | Part No.       | CHIP Qty      | Voltage | Power       | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment         | Dimension<br>@P20                        |
|-------------------------------------------------|----------------|---------------|---------|-------------|----------------------------|----------------------------|-------------------|------------------------------------------|
| <div>F</div> <div>Energy Efficiency Class</div> | GL-XFCOBXX-    | 480CHIP/M     | 24VDC   | 10W/M       | 1080lm/M                   | 108lm/W                    | 50mm<br>(1.97in.) | L5000*W8*H2.3mm<br>(L197*W0.31*H0.09in.) |
|                                                 | 24-CV-480-9786 | (146CHIP/ft.) |         | (3.05W/ft.) | (329lm/ft.)                |                            |                   |                                          |

## CCT

|                                                 | Part No.       | CHIP Qty      | Voltage | Power       | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment           | Dimension<br>@IP20                        |
|-------------------------------------------------|----------------|---------------|---------|-------------|----------------------------|----------------------------|---------------------|-------------------------------------------|
| <div>F</div> <div>Energy Efficiency Class</div> | GL-XFCOBXX-    | 608CHIP/M     | 24VDC   | 14W/M       | 1260lm/M                   | 90lm/W                     | 26.3mm<br>(1.04in.) | L5000*W10*H2.3mm<br>(L197*W0.39*H0.09in.) |
|                                                 | 24-CV-608-9430 | (185CHIP/ft.) |         | (4.27W/ft.) | (384lm/ft.)                |                            |                     |                                           |

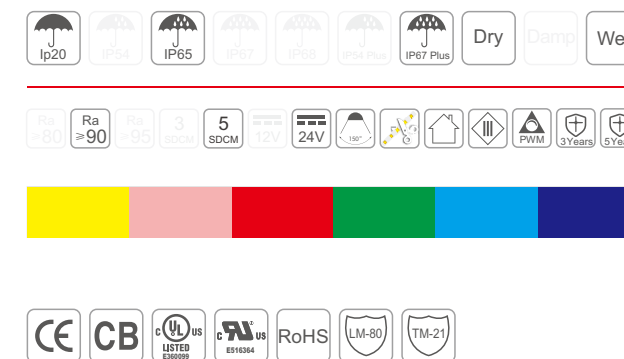
## Dim-to-Warm PWM

| Part No.                     | CHIP Qty                    | Voltage | Power                | Brightness<br>@3000K&CRI90 | Light Eff.<br>@3000K&CRI90 | Increment          | Dimension<br>@IP20                        |
|------------------------------|-----------------------------|---------|----------------------|----------------------------|----------------------------|--------------------|-------------------------------------------|
| GLXFCOBXX-<br>24-CV-560-9482 | 560CHIP/M<br>(1.72CHIP/ft.) | 24VDC   | 14W/M<br>(4.27W/ft.) | 1050lm/M<br>(320lm/ft.)    | 75lm/W                     | 50mm<br>(1.97in.)  | 15000*W10*H1.5mm<br>(L197*W0.39*H0.06in.) |
| GLXFCOBXX-<br>24-CV-576-9593 | 576CHIP/M<br>(1.76CHIP/ft.) | 24VDC   | 10W/M<br>(3.05W/ft.) | 920lm/M<br>(280lm/ft.)     | 92lm/W                     | 55.6mm<br>(2.2in.) | 15000*W10*H2mm<br>(L197*W0.39*H0.08in.)   |

COB Pro Series

## FEATURE

- High positioning, high reliability, ultra-thin appearance, and super flexible bending.
- Premium milky bounding wall structure design for better light uniformity.
- Use thick copper to ensure consistency in voltage and brightness for the entire reel.
- Adopting an exclusively designed protective structure, with excellent bending resistance, strong reliability, and stable quality.



Colorful

| Part No.                     | CHIP Qty                   | Voltage | Power                | Brightness<br>@Red/Green/Blue/Amber                | Increment         | Dimension<br>@IP20                       |
|------------------------------|----------------------------|---------|----------------------|----------------------------------------------------|-------------------|------------------------------------------|
| GLXFCOBXX-<br>24-CV-320-9426 | 320CHIP/M<br>(97CHIP/ft.)  | 24VDC   | 8W/M<br>(2.44W/ft.)  | (255/1152/215/360)lm/M<br>[(78/351/66/110)lm/ft.]  | 50mm<br>(1.97in.) | 15000*W8*H2.3mm<br>(L197*W0.31*H0.09in.) |
| GLXFCOBXX-<br>24-CV-480-9422 | 480CHIP/M<br>(146CHIP/ft.) | 24VDC   | 12W/M<br>(3.66W/ft.) | (357/1728/301/504)lm/M<br>[(109/527/92/154)lm/ft.] | 50mm<br>(1.97in.) | 15000*W8*H2.3mm<br>(L197*W0.31*H0.09in.) |

## RGB

| Part No.                     | CHIP Qty                   | Voltage | Power               | Brightness             | Light Eff. | Increment         | Dimension<br>@IP20                          |
|------------------------------|----------------------------|---------|---------------------|------------------------|------------|-------------------|---------------------------------------------|
| GLXFCOBXX-<br>24-CV-840-9431 | 840CHIP/M<br>(256CHIP/ft.) | 24VDC   | 15W/M<br>(4.6W/ft.) | 675lm/M<br>(206lm/ft.) | 45lm/W     | 50mm<br>(1.97in.) | L5000*W1010*H1.5mm<br>(L197*W0.39*H0.06in.) |

## RGBW

| Part No.                      | CHIP Qty                   | Voltage | Power               | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment           | Dimension<br>@IP20                        |
|-------------------------------|----------------------------|---------|---------------------|----------------------------|----------------------------|---------------------|-------------------------------------------|
| GL-XFCOBXX-<br>24-CV-840-9480 | 840CHIP/M<br>(256CHIP/ft.) | 24VDC   | 18W/M<br>(5.5W/ft.) | 970lm/M<br>(296lm/ft.)     | 54lm/W                     | 33.3mm<br>(1.31in.) | 15000*W12*H1.5mm<br>(1197*W0.47*H0.06in.) |

## RGB CCT

|                                                                                       | Part No.       | CHIP Qty      | Voltage | Power      | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment           | Dimension<br>@IP20                        |
|---------------------------------------------------------------------------------------|----------------|---------------|---------|------------|----------------------------|----------------------------|---------------------|-------------------------------------------|
|  | GL-XFCOBXX-    | 840CHIP/M     | 24VDC   | 18W/M      | 990lm/M                    | 55lm/W                     | 41.7mm<br>(1.64in.) | L5000*W12*H1.5mm<br>(L197*W0.47*H0.06in.) |
|                                                                                       | 24-CV-840-9481 | (256CHIP/ft.) |         | (5.5W/ft.) | (302lm/ft.)                |                            |                     |                                           |

## SPI RGB



| Part No.                     | CHIP Qty                   | Voltage | Power                 | Brightness             | Light Eff. | Increment          | Dimension<br>@IP20                       |
|------------------------------|----------------------------|---------|-----------------------|------------------------|------------|--------------------|------------------------------------------|
| GLXFCOBXX-<br>24-CV-840-737] | 840CHIP/M<br>(256CHIP/ft.) | 24VDC   | 10.5W/M<br>(3.2W/ft.) | 500lm/M<br>(152lm/ft.) | 48lm/W     | 100mm<br>(3.94in.) | L5000*W10*H2.2mm<br>(L197*W0.39*H0.9in.) |

## SPI RGBW

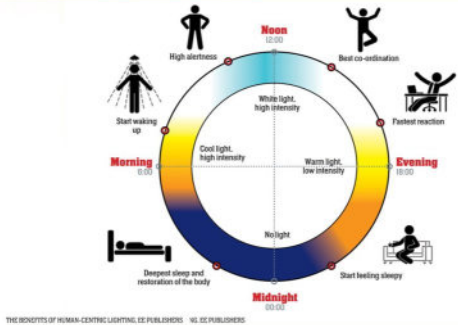


| Part No.                      | CHIP Qty                   | Voltage | Power                  | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment          | Dimension<br>@IP20                       |
|-------------------------------|----------------------------|---------|------------------------|----------------------------|----------------------------|--------------------|------------------------------------------|
| GL-XFCOBXX-<br>24-CV-840-Z378 | 840CHIP/M<br>(256CHIP/ft.) | 24VDC   | 14.4W/M<br>(4.64W/ft.) | 748lm/M<br>(228lm/ft.)     | 52lm/W                     | 100mm<br>(3.94in.) | 15000*W10*H2.2mm<br>(1197*W0.39*H0.9in.) |

CCT-Tunable Series

FEATURE

- CCT - Tunable by controller getting specify and comfortable ambient.
- 50,000h long lifespan.



2835 LED W+W 2700-6500K (Warm Dim 1800-3000K / Circadian Rhythm 1600-6500K)

| Part No.                 | LED Qty                | Voltage | Power                 | Brightness<br>@4500K&CRI90 | Light Eff.<br>@4500K&CRI90 | Increment         | Dimension<br>@IP20                     |
|--------------------------|------------------------|---------|-----------------------|----------------------------|----------------------------|-------------------|----------------------------------------|
| GLX2835XX-12-CV-120-ID25 | 120LED/M<br>(36LED/ft) | 12VDC   | 14.4W/M<br>(4.39W/ft) | 1180lm/M<br>(360lm/ft)     | 82lm/W                     | 50mm<br>(1.97in)  | L5000*W10*H1mm<br>(L1.97*W0.4*H0.04in) |
| GLX2835XX-24-CV-120-F481 | 120LED/M<br>(36LED/ft) | 24VDC   | 14.4W/M<br>(4.39W/ft) | 1180lm/M<br>(360lm/ft)     | 82lm/W                     | 100mm<br>(3.94in) | L5000*W10*H1mm<br>(L1.97*W0.4*H0.04in) |
| GLX2835XX-24-CV-140-FE15 | 140LED/M<br>(42LED/ft) | 24VDC   | 14.4W/M<br>(4.39W/ft) | 1380lm/M<br>(420lm/ft)     | 96lm/W                     | 100mm<br>(3.94in) | L5000*W10*H1mm<br>(L1.97*W0.4*H0.04in) |
| GLX2835XX-24-CV-240-LN28 | 240LED/M<br>(73LED/ft) | 24VDC   | 24W/M<br>(7.32W/ft)   | 2040lm/M<br>(622lm/ft)     | 85lm/W                     | 50mm<br>(1.97in)  | L5000*W10*H1mm<br>(L1.97*W0.4*H0.04in) |

2835 LED W+W Ultra-Slim 2700-6500K (Warm Dim 1800-3000K / Circadian Rhythm 1600-6500K)

| Part No.                 | LED Qty                | Voltage | Power               | Brightness<br>@4500K&CRI90 | Light Eff.<br>@4500K&CRI90 | Increment          | Dimension<br>@IP20                    |
|--------------------------|------------------------|---------|---------------------|----------------------------|----------------------------|--------------------|---------------------------------------|
| GLX2216XX-24-CV-168-9104 | 168LED/M<br>(51LED/ft) | 24VDC   | 12W/M<br>(3.66W/ft) | 1100lm/M<br>(335lm/ft)     | 92lm/W                     | 71.4mm<br>(2.81in) | L3000*W5*H1mm<br>(L1.18*W0.2*H0.04in) |

2216 LED W+W+W Pro 2700-6500K (Warm Dim 1800-3000K / Circadian Rhythm 1600-6500K)

| Part No.                 | LED Qty                 | Voltage | Power              | Brightness<br>@4500K&CRI90 | Light Eff.<br>@4500K&CRI90 | Increment          | Dimension<br>@IP20                        |
|--------------------------|-------------------------|---------|--------------------|----------------------------|----------------------------|--------------------|-------------------------------------------|
| GLX2216XX-24-CV-384-FJ96 | 384LED/M<br>(117LED/ft) | 24VDC   | 15W/M<br>(4.6W/ft) | 1320lm/M<br>(574lm/ft)     | 88lm/W                     | 62.5mm<br>(2.46in) | L5000*W12*H1.2mm<br>(L1.97*W0.47*H0.05in) |

3528 LED 2in1

| Part No.                | LED Qty                | Voltage | Power               | Brightness<br>@4500K&CRI90 | Light Eff.<br>@4500K&CRI90 | Increment        | Dimension<br>@IP20                     |
|-------------------------|------------------------|---------|---------------------|----------------------------|----------------------------|------------------|----------------------------------------|
| GLX3528XX-24-CV-120-F67 | 120LED/M<br>(36LED/ft) | 24VDC   | 18W/M<br>(5.49W/ft) | 1190lm/M<br>(363lm/ft)     | 66lm/W                     | 50mm<br>(1.97in) | L5000*W10*H2mm<br>(L1.97*W0.4*H0.08in) |

2835 LED Constant Power Output



| Part No.                 | LED Qty                | Voltage | Power              | Brightness<br>@4500K&CRI90 | Light Eff.<br>@4500K&CRI90 | Increment        | Dimension<br>@IP20                       |
|--------------------------|------------------------|---------|--------------------|----------------------------|----------------------------|------------------|------------------------------------------|
| GLX2835XX-24-CV-240-7039 | 240LED/M<br>(73LED/ft) | 24VDC   | 15W/M<br>(4.6W/ft) | 1350lm/M<br>(411lm/ft)     | 90lm/W                     | 50mm<br>(1.97in) | L5000*W10*H1.5mm<br>(L1.97*W0.4*H0.06in) |

CCT-Tunable Series

FEATURE

- CCT - Tunable by controller getting specify and comfortable ambient.
- 50,000h long lifespan.



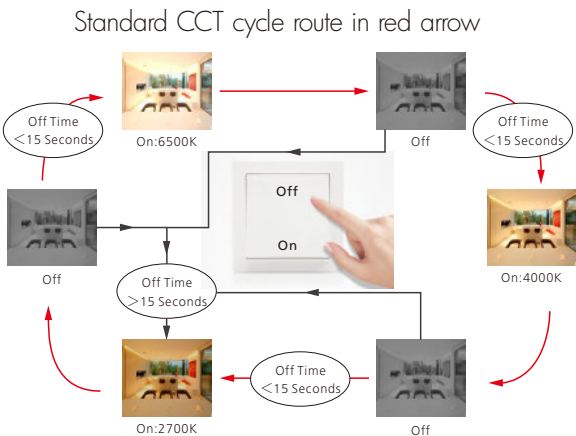
2835 LED On&Off Switch

| Part No.                 | LED Qty                | Voltage | Power                  | Brightness<br>@4500K&CRI90 | Light Eff.<br>@4500K&CRI90 | Increment         | Dimension<br>@IP20                       |
|--------------------------|------------------------|---------|------------------------|----------------------------|----------------------------|-------------------|------------------------------------------|
| GLX2835XX-24-CV-140-FN31 | 140LED/M<br>(42LED/ft) | 24VDC   | 17.2W/M<br>(5.24W/ft.) | 1615lm/M<br>(490lm/ft.)    | 94lm/W                     | 100mm<br>(3.94in) | L5000*W10*H1.5mm<br>(L1.97*W0.4*H0.06in) |

3528 LED 2in1 On&Off Switch

| Part No.                 | LED Qty                | Voltage | Power                  | Brightness<br>@4500K&CRI90 | Light Eff.<br>@4500K&CRI90 | Increment         | Dimension<br>@IP20                       |
|--------------------------|------------------------|---------|------------------------|----------------------------|----------------------------|-------------------|------------------------------------------|
| GLX3528XX-24-CV-120-9021 | 120LED/M<br>(36LED/ft) | 24VDC   | 19.2W/M<br>(5.85W/ft.) | 1300lm/M<br>(390lm/ft.)    | 68lm/W                     | 125mm<br>(4.92in) | L5000*W10*H1.5mm<br>(L1.97*W0.4*H0.06in) |

USER INSTRUCTION



- Note:
1. When the "Off Time" <15 seconds (>0.5 seconds), then the standard CCT cycle route of the strip is 2700K -> Off -> 6500K -> Off -> 4000K -> Off -> 2700K.
  2. When the "Off Time" >15 seconds, the standard CCT cycle route of the strip is stopped, and then restarted from the initial 2700K.
  3. The "Off Time" may be vary according to different kinds of power suppliers and switches.
  4. In case of any abnormal phenomenon like inconsistent color, turn off the strip for more than 15 seconds, then it will back to the normal status and restarted from the standard CCT cycle route.
  5. To ensure that the function is normal, the LED strip shall be tested together with the power supply and switch. If there is any abnormality and it is not solved through the operation in point 4, try to replace the power supply and switch and test again.

CCT-Tunable Series

FEATURE

- It warms as it is dimmed from 3000K (or 2700K) to 1800K while its brightness is dimmed from 100% to 10% synchronously and smoothly, perfectly simulating the warmth and dimming curve of incandescent and halogen lamp, which create a comfortable and natural lighting performance.

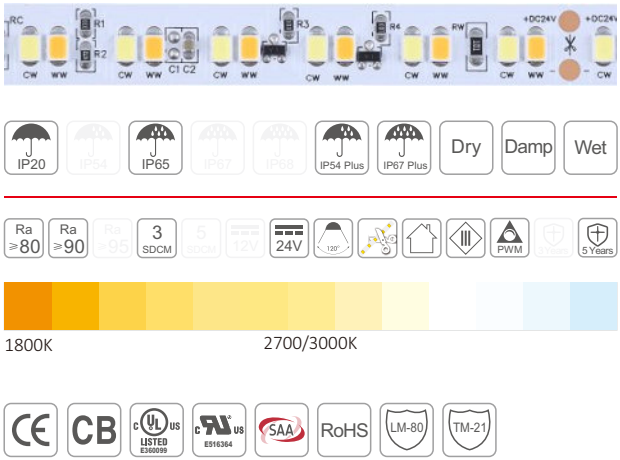


Diagram showing various CCT-Tunable Series LED strip components and their specifications. The components include different types of LEDs (C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56, C57, C58, C59, C60, C61, C62, C63, C64, C65, C66, C67, C68, C69, C70, C71, C72, C73, C74, C75, C76, C77, C78, C79, C80, C81, C82, C83, C84, C85, C86, C87, C88, C89, C90, C91, C92, C93, C94, C95, C96, C97, C98, C99, C100) and their corresponding specifications (Voltage, Power, Brightness, Light Eff., Increment, Dimension). The icons represent different features: IP20, IP54, IP65, IP67, IP68, IP54 Plus, IP67 Plus, Dry, Damp, Wet, Ra ≥80, Ra ≥90, Ra ≥95, 3 SDCM, 5 SDCM, 12V, 24V, 120°, 180°, 270°, 360°, 1800K, 2700/3000K, CE, CB, UL LISTED, SAA, RoHS, LM-80, TM-21.



2835 LED Dim-to-Warm PWM 1800-3000K

| Part No.                  | LED Qty                  | Voltage | Power                | Brightness<br>@3000K&CRI90 | Light Eff.<br>@3000K&CRI90 | Increment            | Dimension<br>@IP20                    |
|---------------------------|--------------------------|---------|----------------------|----------------------------|----------------------------|----------------------|---------------------------------------|
| GL-X2835XX-24-CC-168-FG69 | 168LED/M<br>(511LED/ft.) | 24VDC   | 11W/M<br>(3.35W/ft.) | 990lm/M<br>(302lm/ft.)     | 90lm/W                     | 83.33mm<br>(3.28in.) | L5000*W10*H1mm<br>(L197*W0.4*H0.04in) |

2835 LED Dim-to-Warm PWM 1800-3000K Pro

| Part No.                  | LED Qty                 | Voltage | Power                       | Brightness<br>@3000K&CRI90       | Light Eff.<br>@3000K&CRI90 | Increment          | Dimension<br>@IP20                       |
|---------------------------|-------------------------|---------|-----------------------------|----------------------------------|----------------------------|--------------------|------------------------------------------|
| GL-X2835XX-24-CV-140-IN26 | 140LED/M<br>(42LED/ft.) | 24VDC   | 20&15W/M<br>(6.1&4.57W/ft.) | 1700&1340lm/M<br>(520&410lm/ft.) | 85&89lm/W                  | 100mm<br>(3.94in.) | L5000*W12*H1.2mm<br>(L197*W0.48*H0.05in) |

2216 LED Dim-to-Warm PWM 1800-3000K

| Part No.                  | LED Qty                 | Voltage | Power                 | Brightness<br>@3000K&CRI90 | Light Eff.<br>@3000K&CRI90 | Increment           | Dimension<br>@IP20                     |
|---------------------------|-------------------------|---------|-----------------------|----------------------------|----------------------------|---------------------|----------------------------------------|
| GL-X2216XX-24-CC-224-FF98 | 224LED/M<br>(68LED/ft.) | 24VDC   | 9.6W/M<br>(2.93W/ft.) | 900lm/M<br>(275lm/ft.)     | 94lm/W                     | 62.5mm<br>(2.46in.) | L5000*W12*H1mm<br>(L197*W0.48*H0.04in) |

2216 LED Dim-to-Warm PWM 1800-3000K Pro

| Part No.                  | LED Qty                 | Voltage | Power                         | Brightness<br>@3000K&CRI90      | Light Eff.<br>@3000K&CRI90 | Increment           | Dimension<br>@IP20                       |
|---------------------------|-------------------------|---------|-------------------------------|---------------------------------|----------------------------|---------------------|------------------------------------------|
| GL-X2216XX-24-CV-252-IN27 | 252LED/M<br>(76LED/ft.) | 24VDC   | 15&9.6W/M<br>(4.57&2.93W/ft.) | 1100&730lm/M<br>(330&220lm/ft.) | 73&76lm/W                  | 55.6mm<br>(2.19in.) | L5000*W12*H1.2mm<br>(L197*W0.48*H0.05in) |

Colorful-Light Series

FEATURE

- Colorful-Light available in Red, Green, Blue, Yellow, Orange, Purple, Pink, Hyper Red, Emerald(Light Green), Cyan(Ice Blue), Amber, Golden, Tiffany Blue and Magenta color.

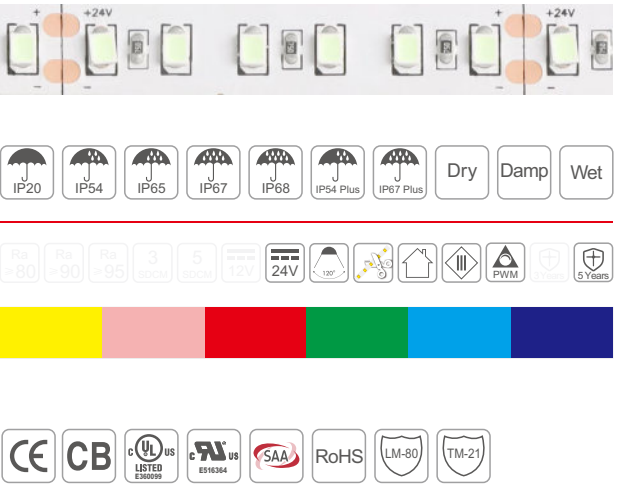
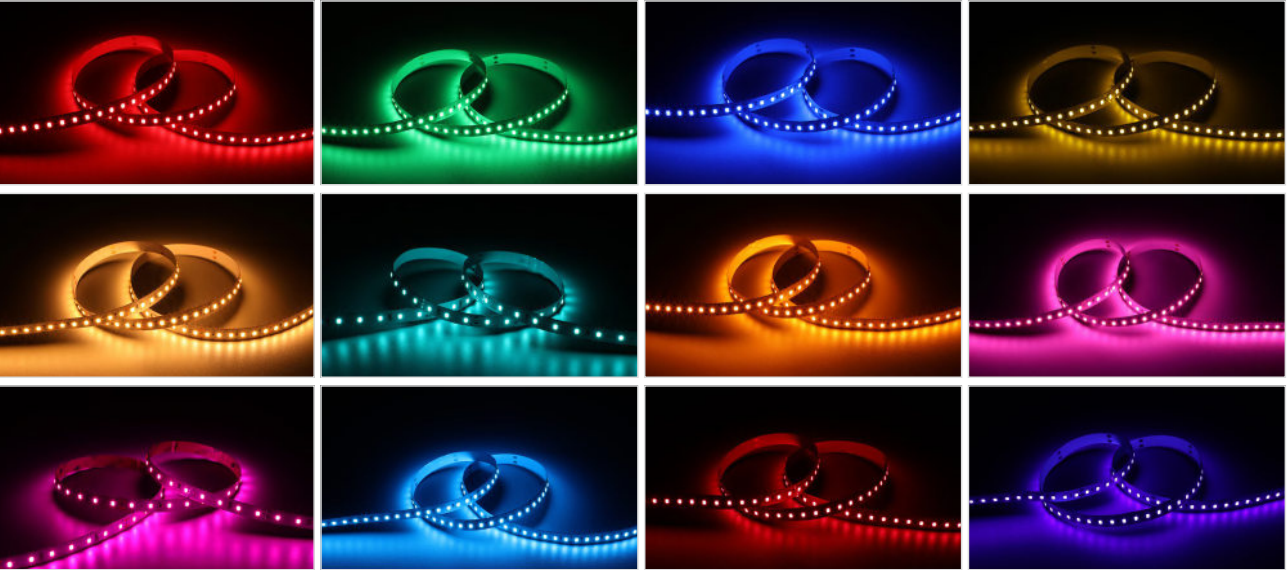


Diagram showing various Colorful-Light Series LED strip components and their specifications. The components include different types of LEDs (C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56, C57, C58, C59, C60, C61, C62, C63, C64, C65, C66, C67, C68, C69, C70, C71, C72, C73, C74, C75, C76, C77, C78, C79, C80, C81, C82, C83, C84, C85, C86, C87, C88, C89, C90, C91, C92, C93, C94, C95, C96, C97, C98, C99, C100) and their corresponding specifications (Voltage, Power, Brightness, Light Eff., Increment, Dimension). The icons represent different features: IP20, IP54, IP65, IP67, IP68, IP54 Plus, IP67 Plus, Dry, Damp, Wet, Ra ≥80, Ra ≥90, Ra ≥95, 3 SDCM, 5 SDCM, 12V, 24V, 120°, 180°, 270°, 360°, 1800K, 2700/3000K, CE, CB, UL LISTED, SAA, RoHS, LM-80, TM-21.



2835 LED Red/Green/Blue/Yellow/Orange/Purple/Pink/Hyper Red/Emerald(Light Green)/Cyan(Ice Blue)/Amber/Golden/Tiffany Blue/Magenta

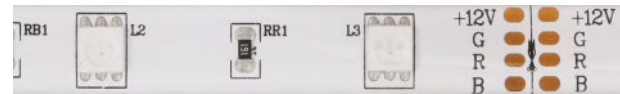
| Part No.                  | LED Qty                 | Voltage | Power                | Brightness<br>@IP20              | Light Eff.<br>@IP20 | Increment          | Dimension<br>@IP20                    |
|---------------------------|-------------------------|---------|----------------------|----------------------------------|---------------------|--------------------|---------------------------------------|
| GL-X2835XX-12-CV-060-F152 | 60LED/M<br>(18LED/ft.)  | 12VDC   | 6W/M<br>(1.83W/ft.)  | (5~810)lm/M<br>[(1.5~247)lm/ft.] | \                   | 100mm<br>(3.94in.) | L5000*W10*H1mm<br>(L197*W0.4*H0.04in) |
| GL-X2835XX-24-CV-060-F156 | 70LED/M<br>(21LED/ft.)  | 24VDC   | 6W/M<br>(1.83W/ft.)  | (6~924)lm/M<br>[(2~287)lm/ft.]   | \                   | 100mm<br>(3.94in.) | L5000*W10*H1mm<br>(L197*W0.4*H0.04in) |
| GL-X2835XX-12-CV-120-L749 | 120LED/M<br>(36LED/ft.) | 12VDC   | 12W/M<br>(3.66W/ft.) | (10~1620)lm/M<br>[(3~494)lm/ft.] | \                   | 50mm<br>(1.97in.)  | L5000*W10*H1mm<br>(L197*W0.4*H0.04in) |
| GL-X2835XX-24-CV-120-L745 | 140LED/M<br>(42LED/ft.) | 24VDC   | 12W/M<br>(3.66W/ft.) | (12~1884)lm/M<br>[(4~574)lm/ft.] | \                   | 50mm<br>(1.97in.)  | L5000*W10*H1mm<br>(L197*W0.4*H0.04in) |



## RGB Mixes-Light Series

## FEATURE

- RGB Mixes-Light series with RGB/RGB+W/RGBW/RGB+CCT multiple color combined, more appropriate for customized scenes lighting, such as flower, meat, fruit, vegetable, seafood, bread etc.
- 50,000h long lifespan.



## 5050 LED RGB

| Part No.                 | LED Qty                 | Voltage | Power                | Brightness             | Light Eff. | Increment         | Dimension<br>@IP20                    |
|--------------------------|-------------------------|---------|----------------------|------------------------|------------|-------------------|---------------------------------------|
| GLX5050XX-12-CV-060-F32  | 60LED/M<br>(18LED/ft.)  | 12VDC   | 13W/M<br>(3.96W/ft.) | 520lm/M<br>(158lm/ft.) | 40lm/W     | 50mm<br>(1.97in)  | L5000*W10*H2mm<br>(L197*W0.4*H0.08in) |
| GLX5050XX-24-CV-060-F82  | 60LED/M<br>(18LED/ft.)  | 24VDC   | 13W/M<br>(3.96W/ft.) | 520lm/M<br>(158lm/ft.) | 40lm/W     | 100mm<br>(3.94in) | L5000*W10*H2mm<br>(L197*W0.4*H0.08in) |
| GLX5050XX-24-CV-120-8675 | 120LED/M<br>(36LED/ft.) | 24VDC   | 20W/M<br>(6.1W/ft.)  | 820lm/M<br>(250lm/ft.) | 41lm/W     | 50mm<br>(1.97in)  | L5000*W10*H2mm<br>(L197*W0.4*H0.08in) |

## 5050 LED RGB 1 LED Cuttable

| Part No.                     | LED Qty                | Voltage | Power               | Brightness             | Light Eff. | Increment          | Dimension<br>@IP20                    |
|------------------------------|------------------------|---------|---------------------|------------------------|------------|--------------------|---------------------------------------|
| GLX5050XX-<br>24-CV-060-9326 | 60LED/M<br>(18LED/ft.) | 24VDC   | 15W/M<br>(4.0W/ft.) | 700lm/M<br>(213lm/ft.) | 47lm/W     | 16.7mm<br>(0.66in) | L5000*W10*H2mm<br>(L197*W0.4*H0.08in) |

## 4040 LED RGB Ultra-Slim

| Part No.                  | LED Qty                 | Voltage | Power                  | Brightness             | Light Eff. | Increment        | Dimension<br>@IP20                      |
|---------------------------|-------------------------|---------|------------------------|------------------------|------------|------------------|-----------------------------------------|
| GL-X4040XX-24-CV-120-FE67 | 120LED/M<br>(36LED/ft.) | 24VDC   | 14.4W/M<br>(4.39W/ft.) | 600lm/M<br>(183lm/ft.) | 42lm/W     | 50mm<br>(1.97in) | 13000*W6*H3.5mm<br>(L118*W0.24*H0.14in) |

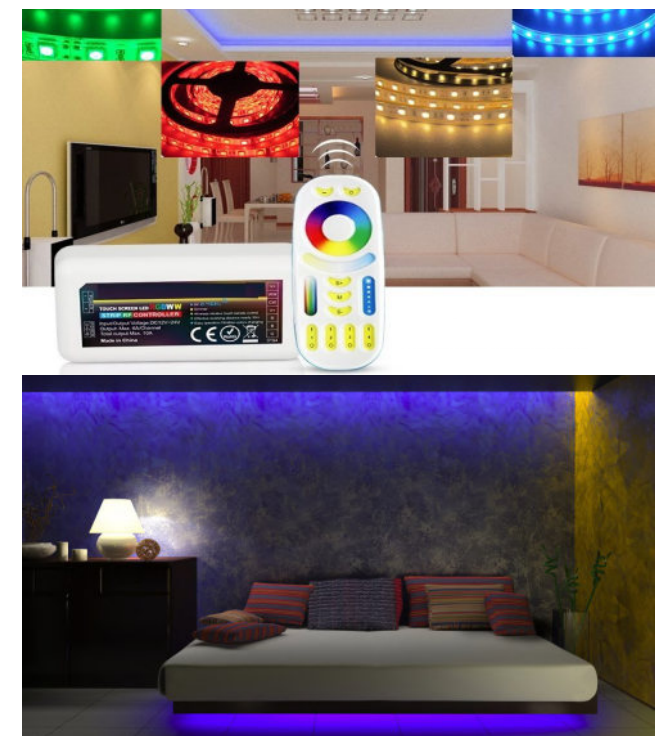
## 2835 LED RGB High-Density

| Part No.                     | LED Qty                 | Voltage | Power               | Brightness              | Light Eff. | Increment        | Dimension<br>@IP20                       |
|------------------------------|-------------------------|---------|---------------------|-------------------------|------------|------------------|------------------------------------------|
| GLX2835XX-<br>24-CV-240-9184 | 240LED/M<br>(73LED/ft.) | 24VDC   | 25W/M<br>(7.6W/ft.) | 1020lm/M<br>(310lm/ft.) | 41lm/W     | 25mm<br>(0.98in) | L3000*W12*H1.5mm<br>(L118*W0.48*H0.06in) |

## RGB Mixes-Light Series

## FEATURE

- RGB Mixes-light series with RGB/RGB+W/RGBW/RGB+CCT multiple color combined, more appropriate for customized scenes lighting, such as flower, meat, fruit, vegetable, seafood, bread etc.
- 50,000h long lifespan, UL/CE/RoHS approval.



## 5050 LED 4in1 RGBW/RGBA

|                                                                                       |                         | Part No.                 | LED Qty                 | Voltage | Power                  | Brightness<br>@3000K&CRI90 | Light Eff.<br>@3000K&CRI90 | Increment         | Dimension<br>@IP20                     |
|---------------------------------------------------------------------------------------|-------------------------|--------------------------|-------------------------|---------|------------------------|----------------------------|----------------------------|-------------------|----------------------------------------|
|  | Energy Efficiency Class | GLX5050XX-12-CV-060-F761 | 60LED/M<br>(18LED/ft.)  | 12VDC   | 15.6W/M<br>(4.76W/ft.) | 750lm/M<br>(229lm/ft.)     | 48lm/W                     | 50mm<br>(1.97in)  | L5000*W12*H2mm<br>(L197*W0.48*H0.08in) |
|  | Energy Efficiency Class | GLX5050XX-24-CV-060-F762 | 60LED/M<br>(18LED/ft.)  | 24VDC   | 15.6W/M<br>(4.76W/ft.) | 750lm/M<br>(229lm/ft.)     | 48lm/W                     | 100mm<br>(3.94in) | L5000*W12*H2mm<br>(L197*W0.48*H0.08in) |
|  | Energy Efficiency Class | GLX5050XX-24-CV-120-8707 | 120LED/M<br>(36LED/ft.) | 24VDC   | 25W/M<br>(7.62W/ft.)   | 1250lm/M<br>(381lm/ft.)    | 50lm/W                     | 50mm<br>(1.97in)  | L5000*W12*H2mm<br>(L197*W0.48*H0.08in) |

## 4040 LED 4in1 RGBW Slim

|                                                                                       | Part No.                     | LED Qty                 | Voltage | Power                 | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment        | Dimension<br>@IP20                    |
|---------------------------------------------------------------------------------------|------------------------------|-------------------------|---------|-----------------------|----------------------------|----------------------------|------------------|---------------------------------------|
|  | GLX4040XX-<br>24-CV-120-9689 | 120LED/M<br>(36LED/ft.) | 24VDC   | 14.4W/M<br>(4.4W/ft.) | 820lm/M<br>(250lm/ft.)     | 57lm/W                     | 50mm<br>(1.97in) | 15000*W8*H2mm<br>(1197*W0.31*H0.08in) |

## 4040 LED 4in1 RGBW High-Density

|                                                                                       | Part No.                     | LED Qty                 | Voltage | Power                | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment        | Dimension<br>@IP20                    |
|---------------------------------------------------------------------------------------|------------------------------|-------------------------|---------|----------------------|----------------------------|----------------------------|------------------|---------------------------------------|
|  | GLX4040XX-<br>24-CV-160-9958 | 160LED/M<br>(49LED/ft.) | 24VDC   | 18W/M<br>(5.49W/ft.) | 1350lm/M<br>(412lm/ft.)    | 75lm/W                     | 50mm<br>(1.97in) | 15000*W10*H2mm<br>(1197*W0.4*H0.08in) |

RGB Mixes-Light Series

FEATURE

- RGB Mixes-Light series with RGB/RGB+W/RGBWW/RGB+CCT multiple color combined, more appropriate for customized scenes lighting, such as flower, meat, fruit, vegetable, seafood, bread etc.
- 50,000h long lifespan, UL/CE/RoHS approval.



IP20

IP54

IP65

IP67

IP68

IP54 Plus

IP67 Plus

Dry

Damp

Wet

Ra ≥80

Ra ≥90

Ra ≥95

3 SDCM

5 SDCM

12V

24V

120°

5m

1m

PWM

5 Years

2700K

6500K

CE

CB

UL LISTED

UL E516364

SAA

RoHS

LM-80

TM-21

2835+2835 LED RGB+W High-Efficacy

|                           | Part No.                                            | LED Qty                 | Voltage | Power                  | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment          | Dimension<br>@IP20                      |
|---------------------------|-----------------------------------------------------|-------------------------|---------|------------------------|----------------------------|----------------------------|--------------------|-----------------------------------------|
| F Energy Efficiency Class | GLX2835XX-24-CV-168-9784<br>(High-Efficacy)         | 168LED/M<br>(51LED/ft.) | 24VDC   | 19.2W/M<br>(5.85W/ft.) | 1560lm/M<br>(476lm/ft.)    | 81lm/W                     | 83.3mm<br>(3.28in) | L5000*W10*H1.8mm<br>(L197*W0.4*H0.07in) |
| E Energy Efficiency Class | GLX2835XX-24-CV-168-9784<br>(High-Efficacy Premium) | 168LED/M<br>(51LED/ft.) | 24VDC   | 19.2W/M<br>(5.85W/ft.) | 1850lm/M<br>(564lm/ft.)    | 96lm/W                     | 83.3mm<br>(3.28in) | L5000*W10*H1.8mm<br>(L197*W0.4*H0.07in) |

2835+2216 LED RGB+W High-Efficacy

|                           | Part No.                                            | LED Qty                 | Voltage | Power                  | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment          | Dimension<br>@IP20                      |
|---------------------------|-----------------------------------------------------|-------------------------|---------|------------------------|----------------------------|----------------------------|--------------------|-----------------------------------------|
| F Energy Efficiency Class | GLX2835XX-24-CV-224-9785<br>(High-Efficacy)         | 224LED/M<br>(68LED/ft.) | 24VDC   | 19.2W/M<br>(5.85W/ft.) | 1420lm/M<br>(433lm/ft.)    | 74lm/W                     | 62.5mm<br>(2.46in) | L5000*W10*H1.8mm<br>(L197*W0.4*H0.07in) |
| E Energy Efficiency Class | GLX2835XX-24-CV-224-9785<br>(High-Efficacy Premium) | 224LED/M<br>(68LED/ft.) | 24VDC   | 19.2W/M<br>(5.85W/ft.) | 1630lm/M<br>(497lm/ft.)    | 85lm/W                     | 62.5mm<br>(2.46in) | L5000*W10*H1.8mm<br>(L197*W0.4*H0.07in) |
| E Energy Efficiency Class | GLX2835XX-24-CV-240-9688                            | 240LED/M<br>(73LED/ft.) | 24VDC   | 18W/M<br>(5.5W/ft.)    | 1285lm/M<br>(392lm/ft.)    | 71lm/W                     | 50mm<br>(1.97in)   | L5000*W10*H1.8mm<br>(L197*W0.4*H0.07in) |

5050 LED RGBCCT 5in1

|                           | Part No.                 | LED Qty                | Voltage | Power               | Brightness<br>@4000K&CRI80 | Light Eff.<br>@4000K&CRI80 | Increment         | Dimension<br>@IP20                     |
|---------------------------|--------------------------|------------------------|---------|---------------------|----------------------------|----------------------------|-------------------|----------------------------------------|
| G Energy Efficiency Class | GLX5050XX-24-CV-060-FB54 | 60LED/M<br>(18LED/ft.) | 24VDC   | 18W/M<br>(5.5W/ft.) | 960lm/M<br>(293lm/ft.)     | 53lm/W                     | 100mm<br>(3.94in) | L5000*W12*H2mm<br>(L197*W0.48*H0.08in) |

3535+2835+2835 LED RGB+W+W

|                           | Part No.                 | LED Qty                 | Voltage | Power                  | Brightness<br>@4500K&CRI90 | Light Eff.<br>@4500K&CRI90 | Increment         | Dimension<br>@IP20                       |
|---------------------------|--------------------------|-------------------------|---------|------------------------|----------------------------|----------------------------|-------------------|------------------------------------------|
| G Energy Efficiency Class | GLX3535XX-24-CV-180-9022 | 180LED/M<br>(54LED/ft.) | 24VDC   | 19.2W/M<br>(5.85W/ft.) | 1245lm/M<br>(380lm/ft.)    | 65lm/W                     | 100mm<br>(3.94in) | L5000*W12*H1.8mm<br>(L197*W0.48*H0.07in) |

3535+2216+2216 LED RGB+W+W

|                           | Part No.                 | LED Qty                 | Voltage | Power                | Brightness<br>@4500K&CRI90 | Light Eff.<br>@4500K&CRI90 | Increment          | Dimension<br>@IP20                       |
|---------------------------|--------------------------|-------------------------|---------|----------------------|----------------------------|----------------------------|--------------------|------------------------------------------|
| G Energy Efficiency Class | GLX3535XX-24-CV-288-9023 | 288LED/M<br>(87LED/ft.) | 24VDC   | 18W/M<br>(5.49W/ft.) | 1240lm/M<br>(380lm/ft.)    | 69lm/W                     | 62.5mm<br>(2.46in) | L5000*W12*H1.8mm<br>(L197*W0.48*H0.07in) |

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LED FLEXIBLE STRIP

Pixel Series

FEATURE

- Pixel Control Series with external programmable smart IC WS2811, appropriate for pixel controllable application by SPI signal.
- 36,000h long lifespan, UL/CE/RoHS approval.



IP20

IP54

IP65

IP67

IP68

IP54 Plus

IP67 Plus

Dry

Damp

Wet

Ra ≥80

Ra ≥90

Ra ≥95

3 SDCM

5 SDCM

12V

24V

120°

5m

1m

PWM

3 Years

2700K

6500K

CE

CB

UL LISTED

UL E516364

SAA

RoHS

LM-80

TM-21

5050 LED White SPI

|  | Part No.                 | LED Qty                 | Voltage | Power                 | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment          | Dimension<br>@IP20                    |
|--|--------------------------|-------------------------|---------|-----------------------|----------------------------|----------------------------|--------------------|---------------------------------------|
|  | GLX5050XX-05-CV-030-LD20 | 30LED/M<br>(9LED/ft.)   | 5VDC    | 6.8W/M<br>(2.1W/ft.)  | 370lm/M<br>(113lm/ft.)     | 54lm/W                     | 33.3mm<br>(1.31in) | L3000*W10*H2mm<br>(L118*W0.4*H0.08in) |
|  | GLX5050XX-12-CV-060-F964 | 60LED/M<br>(18LED/ft.)  | 12VDC   | 10.8W/M<br>(3.3W/ft.) | 770lm/M<br>(235lm/ft.)     | 71lm/W                     | 50mm<br>(1.97in)   | L5000*W10*H2mm<br>(L197*W0.4*H0.08in) |
|  | GLX5050XX-24-CV-060-F965 | 60LED/M<br>(18LED/ft.)  | 24VDC   | 10.8W/M<br>(3.3W/ft.) | 770lm/M<br>(235lm/ft.)     | 71lm/W                     | 100mm<br>(3.94in)  | L5000*W10*H2mm<br>(L197*W0.4*H0.08in) |
|  | GLX2835XX-24-CV-120-9059 | 120LED/M<br>(36LED/ft.) | 24VDC   | 10.8W/M<br>(3.3W/ft.) | 850lm/M<br>(260lm/ft.)     | 79lm/W                     | 100mm<br>(3.94in)  | L5000*W10*H2mm<br>(L197*W0.4*H0.08in) |

2835 LED CCT SPI

|                           | Part No.                 | LED Qty                 | Voltage | Power                | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment         | Dimension<br>@IP20                       |
|---------------------------|--------------------------|-------------------------|---------|----------------------|----------------------------|----------------------------|-------------------|------------------------------------------|
| G Energy Efficiency Class | GLX2835XX-24-CV-120-FK21 | 120LED/M<br>(36LED/ft.) | 24VDC   | 7.2W/M<br>(2.2W/ft.) | 490lm/M<br>(150lm/ft.)     | 28lm/W                     | 100mm<br>(3.94in) | L10000*W10*H2mm<br>(L393.7*W0.4*H0.08in) |

3528 LED CCT 2in1 SPI

|  | Part No.                 | LED Qty                 | Voltage | Power                 | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment        | Dimension<br>@IP20                    |
|--|--------------------------|-------------------------|---------|-----------------------|----------------------------|----------------------------|------------------|---------------------------------------|
|  | GLX3528XX-24-CV-120-9032 | 120LED/M<br>(36LED/ft.) | 24VDC   | 14.4W/M<br>(4.4W/ft.) | 1100lm/M<br>(335lm/ft.)    | 76lm/W                     | 50mm<br>(1.97in) | L5000*W10*H2mm<br>(L197*W0.4*H0.08in) |

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Pixel Series

FEATURE

- Pixel Control Series with external programmable smart IC WS2811, appropriate for pixel controllable application by SPI signal.
- 36,000h long lifespan, UL/CE/RoHS approval.



5050 LED RGB SPI

| Part No.                  | LED Qty                | Voltage | Power                 | Brightness            | Light Eff. | Increment          | Dimension @IP20                       |
|---------------------------|------------------------|---------|-----------------------|-----------------------|------------|--------------------|---------------------------------------|
| GL-X5050XX-05-CV-030-ID20 | 30LED/M<br>(9LED/ft.)  | 5VDC    | 6.8W/M<br>(2.1W/ft.)  | 205lm/M<br>(63lm/ft.) | 30lm/W     | 33.3mm<br>(1.31in) | L3000*W10*H2mm<br>(L118*W0.4*H0.08in) |
| GL-X5050XX-12-CV-060-F964 | 60LED/M<br>(18LED/ft.) | 12VDC   | 10.8W/M<br>(3.3W/ft.) | 320lm/M<br>(98lm/ft.) | 30lm/W     | 50mm<br>(1.97in)   | L5000*W10*H2mm<br>(L197*W0.4*H0.08in) |
| GL-X5050XX-24-CV-060-F965 | 60LED/M<br>(18LED/ft.) | 24VDC   | 10.8W/M<br>(3.3W/ft.) | 320lm/M<br>(98lm/ft.) | 30lm/W     | 100mm<br>(3.94in)  | L5000*W10*H2mm<br>(L197*W0.4*H0.08in) |

2835 LED RGB SPI



| Part No.                  | LED Qty                 | Voltage | Power               | Brightness             | Light Eff. | Increment        | Dimension @IP20                       |
|---------------------------|-------------------------|---------|---------------------|------------------------|------------|------------------|---------------------------------------|
| GL-X2835XX-12-CV-120-9347 | 120LED/M<br>(36LED/ft.) | 12VDC   | 21W/M<br>(6.4W/ft.) | 780lm/M<br>(240lm/ft.) | 37lm/W     | 25mm<br>(0.98in) | L3000*W10*H2mm<br>(L118*W0.4*H0.08in) |
| GL-X2835XX-24-CV-120-9348 | 120LED/M<br>(36LED/ft.) | 24VDC   | 21W/M<br>(6.4W/ft.) | 780lm/M<br>(240lm/ft.) | 37lm/W     | 50mm<br>(1.97in) | L5000*W10*H2mm<br>(L197*W0.4*H0.08in) |

2835 LED RGB SPI Ultra-Slim



| Part No.                  | LED Qty                 | Voltage | Power               | Brightness             | Light Eff. | Increment        | Dimension @IP20                        |
|---------------------------|-------------------------|---------|---------------------|------------------------|------------|------------------|----------------------------------------|
| GL-X2835XX-24-CV-120-7315 | 120LED/M<br>(36LED/ft.) | 24VDC   | 14W/M<br>(4.3W/ft.) | 500lm/M<br>(152lm/ft.) | 36lm/W     | 50mm<br>(1.97in) | L5000*W5*H1.7mm<br>(L197*W0.2*H0.07in) |

5050 LED RGBW SPI



| Part No.                  | LED Qty                 | Voltage | Power                | Brightness @4000K&CRI90 | Light Eff. @4000K&CRI90 | Increment          | Dimension @IP20                        |
|---------------------------|-------------------------|---------|----------------------|-------------------------|-------------------------|--------------------|----------------------------------------|
| GL-X5050XX-05-CV-030-FE68 | 30LED/M<br>(9LED/ft.)   | 5VDC    | 12W/M<br>(3.66W/ft.) | 350lm/M<br>(107lm/ft.)  | 29lm/W                  | 33.3mm<br>(1.31in) | L2000*W10*H2mm<br>(L78.8*W0.4*H0.08in) |
| GL-X5050XX-12-CV-060-FE69 | 60LED/M<br>(18LED/ft.)  | 12VDC   | 19W/M<br>(5.79W/ft.) | 650lm/M<br>(198lm/ft.)  | 34lm/W                  | 50mm<br>(1.97in)   | L3000*W10*H2mm<br>(L118*W0.4*H0.08in)  |
| GL-X5050XX-24-CV-060-FE70 | 60LED/M<br>(18LED/ft.)  | 24VDC   | 19W/M<br>(5.79W/ft.) | 670lm/M<br>(204lm/ft.)  | 35lm/W                  | 100mm<br>(3.94in)  | L5000*W10*H2mm<br>(L197*W0.4*H0.08in)  |
| GL-X4040XX-24-CV-120-7303 | 120LED/M<br>(36LED/ft.) | 24VDC   | 28W/M<br>(8.53W/ft.) | 1215lm/M<br>(370lm/ft.) | 43lm/W                  | 50mm<br>(1.97in)   | L5000*W12*H2mm<br>(L197*W0.47*H0.08in) |

Pixel Series

FEATURE

- Pixel Control Series with external programmable smart IC TM512ACS, appropriate for pixel controllable application by DMX signal.
- 36,000h long lifespan, UL/CE/RoHS approval.



5050 LED White DMX

| Part No.                  | LED Qty                 | Voltage | Power                 | Brightness @4000K&CRI90 | Light Eff. @4000K&CRI90 | Increment          | Dimension @IP20                       |
|---------------------------|-------------------------|---------|-----------------------|-------------------------|-------------------------|--------------------|---------------------------------------|
| GL-X5050XX-24-CV-060-FG04 | 60LED/M<br>(18LED/ft.)  | 24VDC   | 14.4W/M<br>(4.4W/ft.) | 790lm/M<br>(240lm/ft.)  | 55lm/W                  | 100mm<br>(3.94in.) | L5000*W10*H2mm<br>(L197*W0.4*H0.08in) |
| GL-X2835XX-24-CV-120-9020 | 120LED/M<br>(36LED/ft.) | 24VDC   | 14.4W/M<br>(4.4W/ft.) | 1020lm/M<br>(310lm/ft.) | 71lm/W                  | 100mm<br>(3.94in.) | L5000*W10*H2mm<br>(L197*W0.4*H0.08in) |

2835 LED CCT DMX

| Part No.                  | LED Qty                 | Voltage | Power                 | Brightness @4000K&CRI90 | Light Eff. @4000K&CRI90 | Increment          | Dimension @IP20                          |
|---------------------------|-------------------------|---------|-----------------------|-------------------------|-------------------------|--------------------|------------------------------------------|
| GL-X2835XX-24-CV-120-FK22 | 120LED/M<br>(36LED/ft.) | 24VDC   | 11.5W/M<br>(4.4W/ft.) | 720lm/M<br>(220lm/ft.)  | 63lm/W                  | 100mm<br>(3.94in.) | L10000*W10*H2mm<br>(L393.7*W0.4*H0.08in) |

5050 LED RGB DMX

| Part No.                  | LED Qty                | Voltage | Power                | Brightness             | Light Eff. | Increment          | Dimension @IP20                        |
|---------------------------|------------------------|---------|----------------------|------------------------|------------|--------------------|----------------------------------------|
| GL-X5050XX-24-CV-060-FG04 | 60LED/M<br>(18LED/ft.) | 24VDC   | 15W/M<br>(4.57W/ft.) | 450lm/M<br>(137lm/ft.) | 30lm/W     | 100mm<br>(3.94in.) | L5000*W12*H2mm<br>(L197*W0.47*H0.08in) |

5050 LED RGBW DMX

| Part No.                  | LED Qty                | Voltage | Power               | Brightness @4000K&CRI90 | Light Eff. @4000K&CRI90 | Increment         | Dimension @IP20                        |
|---------------------------|------------------------|---------|---------------------|-------------------------|-------------------------|-------------------|----------------------------------------|
| GL-X5050XX-24-CV-060-FG67 | 60LED/M<br>(18LED/ft.) | 24VDC   | 20W/M<br>(6.1W/ft.) | 710lm/M<br>(216lm/ft.)  | 36lm/W                  | 100mm<br>(3.94in) | L5000*W12*H2mm<br>(L197*W0.47*H0.08in) |



Pixel Series

FEATURE

- LED with built-in addressable smart IC and controllable with SPI signal.
- One LED per pixel for precise and exquisite high definition display.
- High density design, perfectly to get dot-free linear performance while fixing into aluminum profile.
- Breakpoint continual transfer available. If any one section is damage, it will not affect the subsequent sections.



5050 LED RGB SPI 1 LED/Pixel - Built-in IC



| Part No.                 | LED Qty              | Voltage | Power             | Brightness          | Light Eff. | Increment        | Dimension @IP20                      |
|--------------------------|----------------------|---------|-------------------|---------------------|------------|------------------|--------------------------------------|
| GLX5050XX-12-CV-060-9196 | 60LED/M (18LED/ft.)  | 12VDC   | 8W/M (2.4W/ft.)   | 220lm/M (70lm/ft.)  | 28lm/W     | 16.7mm (0.66in.) | L5000*W10*H2mm (L197*W0.4*H0.08in)   |
| GLX5050XX-24-CV-060-7101 | 60LED/M (18LED/ft.)  | 24VDC   | 7W/M (2.13W/ft.)  | 252lm/M (77lm/ft.)  | 36lm/W     | 100mm (3.94in.)  | L4000*W10*H2.2mm (L157*W0.4*H0.08in) |
| GLX5050XX-12-CV-120-9346 | 120LED/M (36LED/ft.) | 12VDC   | 12W/M (3.7W/ft.)  | 570lm/M (174lm/ft.) | 48lm/W     | 33.3mm (1.31in.) | L5000*W10*H2mm (L197*W0.4*H0.08in)   |
| GLX5050XX-24-CV-120-7102 | 120LED/M (36LED/ft.) | 24VDC   | 14W/M (4.27W/ft.) | 476lm/M (145lm/ft.) | 34lm/W     | 50mm (1.97in.)   | L3000*W10*H2.2mm (L118*W0.4*H0.08in) |

5050 LED RGBW SPI 1 LED/Pixel - Built-in IC



| Part No.                 | LED Qty              | Voltage | Power              | Brightness @4000K&CRI90 | Light Eff. @4000K&CRI90 | Increment        | Dimension @IP20                      |
|--------------------------|----------------------|---------|--------------------|-------------------------|-------------------------|------------------|--------------------------------------|
| GLX5050XX-05-CV-060-9217 | 60LED/M (18LED/ft.)  | 5VDC    | 12.5W/M (3.8W/ft.) | 650lm/M (198lm/ft.)     | 52lm/W                  | 16.7mm (0.66in.) | L3000*W10*H2mm (L118*W0.4*H0.08in)   |
| GLX5050XX-05-CV-120-9138 | 120LED/M (36LED/ft.) | 5VDC    | 25W/M (7.6W/ft.)   | 1320lm/M (402lm/ft.)    | 53lm/W                  | 8.33mm (0.33in.) | L2000*W12*H2mm (L78.7*W0.47*H0.08in) |
| GLX5050XX-12-CV-060-7304 | 60LED/M (18LED/ft.)  | 12VDC   | 22W/M (6.7W/ft.)   | 1320lm/M (402lm/ft.)    | 60lm/W                  | 16.7mm (0.66in.) | L4000*W10*H2.2mm (L157*W0.4*H0.09in) |

Sign Backlight Series

FEATURE

- Sign Backlight Series in S, Module and sheet appearance, allows flexible angle bending for backlight apply such as advertising word, signboard light box or abnormality mount scene.
- 50,000h long lifespan, UL/CE/RoHS approval.



2835 LED S - Bend White



| Part No.                 | LED Qty             | Voltage | Power             | Brightness @4000K&CRI90 | Light Eff. @4000K&CRI90 | Increment      | Dimension @IP20                    |
|--------------------------|---------------------|---------|-------------------|-------------------------|-------------------------|----------------|------------------------------------|
| GLX2835XX-24-CV-060-7609 | 60LED/M (18LED/ft.) | 24VDC   | 7.2W/M (2.2W/ft.) | 610lm/M (186lm/ft.)     | 85lm/W                  | 100mm (3.94in) | L5000*W6*H1mm (L197*W0.24*H0.04in) |

2835 LED Module - Bend White



| Part No.                 | LED Qty             | Voltage | Power             | Brightness @4000K&CRI90 | Light Eff. @4000K&CRI90 | Increment      | Dimension @IP20                    |
|--------------------------|---------------------|---------|-------------------|-------------------------|-------------------------|----------------|------------------------------------|
| GLX2835XX-24-CV-060-FE76 | 60LED/M (18LED/ft.) | 24VDC   | 7.2W/M (2.2W/ft.) | 610lm/M (186lm/ft.)     | 85lm/W                  | 100mm (3.94in) | L5000*W8*H1mm (L197*W0.32*H0.04in) |

5050 LED Module - Bend RGB

| Part No.                 | LED Qty             | Voltage | Power             | Brightness @4000K&CRI90 | Light Eff. @4000K&CRI90 | Increment      | Dimension @IP20                     |
|--------------------------|---------------------|---------|-------------------|-------------------------|-------------------------|----------------|-------------------------------------|
| GLX5050XX-24-CV-060-FE77 | 60LED/M (18LED/ft.) | 24VDC   | 12W/M (3.66W/ft.) | 435lm/M (133lm/ft.)     | 36lm/W                  | 100mm (3.94in) | L5000*W12*H2mm (L197*W0.48*H0.08in) |

5050 LED Module - Bend RGBW



| Part No.                 | LED Qty             | Voltage | Power               | Brightness @4000K&CRI90 | Light Eff. @4000K&CRI90 | Increment      | Dimension @IP20                     |
|--------------------------|---------------------|---------|---------------------|-------------------------|-------------------------|----------------|-------------------------------------|
| GLX5050XX-24-CV-048-FE78 | 48LED/M (15LED/ft.) | 24VDC   | 12.6W/M (3.84W/ft.) | 410lm/M (125lm/ft.)     | 36lm/W                  | 125mm (4.92in) | L5000*W12*H2mm (L197*W0.48*H0.08in) |

S-BEND

MODULE-BEND



Sign Backlight Series

FEATURE

- On-site cutting and split joint to be different sizes of grids, by on-board connectors.
- 180 lens is adopted, available to get better uniformity with less LED quantity and lower thickness for a light box.
- The cost-effective lighting solutions for the plane or curvy space-sensitive backlighting.

4V

+24V

+24V

+24V

IP20

IP54

IP65

IP67

IP68

IP68 Plus

IP67 Plus

Dry

Damp

Wet

Ra ≥80

Ra ≥90

Ra ≥95

3 SDCM

5 SDCM

12V

24V

LM-80

PWM

5 Years

2700K

6500K

CE

CB

UL US LISTED

UL US E516364

SAA

RoHS

LM-80

TM-21



2835 LED Spliceable Grid S-Bend White

| Part No.                  | LED Qty               | Voltage | Power                 | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment          | Dimension<br>@IP20                       |
|---------------------------|-----------------------|---------|-----------------------|----------------------------|----------------------------|--------------------|------------------------------------------|
| GL-X2835XX-24-CV-020-9544 | 20LED/M<br>(6LED/ft.) | 24VDC   | 9.6W/M<br>(2.93W/ft.) | 870lm/M<br>(265lm/ft.)     | 91lm/W                     | 100mm<br>(3.94in.) | L5000*W16*H5.7mm<br>(L197*W0.63*H0.22in) |

2835 LED Spliceable Grid Module-Bend White

| Part No.                  | LED Qty               | Voltage | Power                 | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment        | Dimension<br>@IP20                       |
|---------------------------|-----------------------|---------|-----------------------|----------------------------|----------------------------|------------------|------------------------------------------|
| GL-X2835XX-24-CV-020-9960 | 20LED/M<br>(6LED/ft.) | 24VDC   | 9.6W/M<br>(2.93W/ft.) | 960lm/M<br>(293lm/ft.)     | 100lm/W                    | 50mm<br>(1.97in) | L9600*W16*H5.5mm<br>(L378*W0.63*H0.22in) |

2835 LED Spliceable Grid Module-Bend CCT

| Part No.                  | LED Qty               | Voltage | Power                  | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment          | Dimension<br>@IP20                       |
|---------------------------|-----------------------|---------|------------------------|----------------------------|----------------------------|--------------------|------------------------------------------|
| GL-X2835XX-24-CV-020-9972 | 20LED/M<br>(6LED/ft.) | 24VDC   | 14.4W/M<br>(4.39W/ft.) | 1238lm/M<br>(377lm/ft.)    | 86lm/W                     | 100mm<br>(3.94in.) | L4800*W16*H5.5mm<br>(L189*W0.63*H0.22in) |

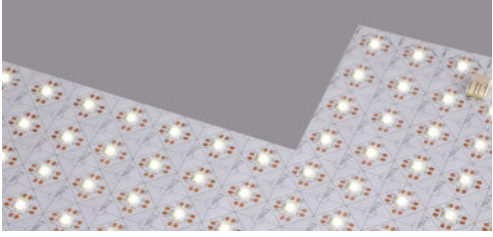
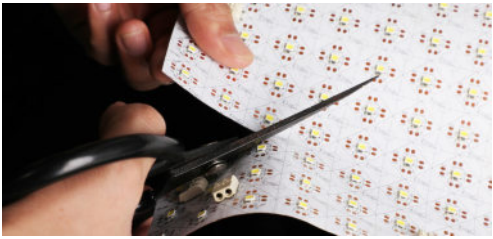
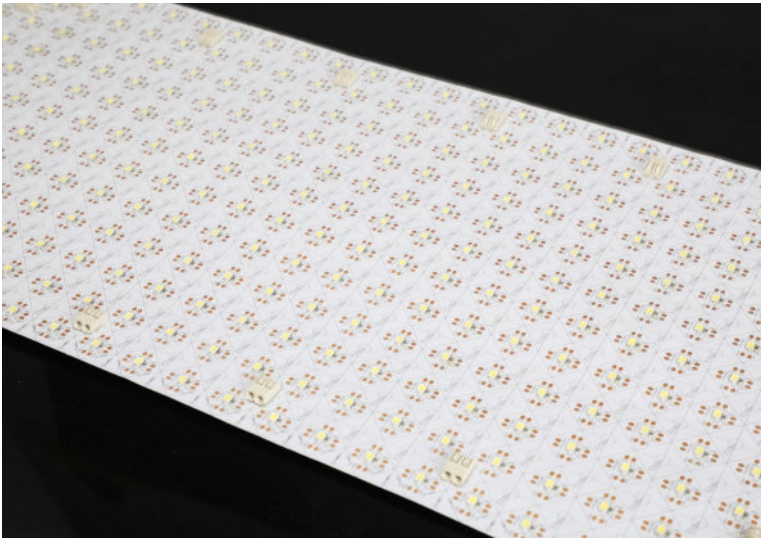
2835 LED Spliceable Grid White

| Part No.                  | LED Qty               | Voltage | Power                 | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment          | Dimension<br>@IP20                       |
|---------------------------|-----------------------|---------|-----------------------|----------------------------|----------------------------|--------------------|------------------------------------------|
| GL-X2835XX-24-CV-020-9809 | 20LED/M<br>(6LED/ft.) | 24VDC   | 9.6W/M<br>(2.93W/ft.) | 960lm/M<br>(293lm/ft.)     | 100lm/W                    | 100mm<br>(3.94in.) | L9600*W16*H6.5mm<br>(L378*W0.63*H0.26in) |

2835 LED Spliceable Grid CCT

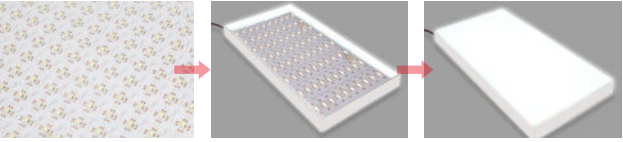
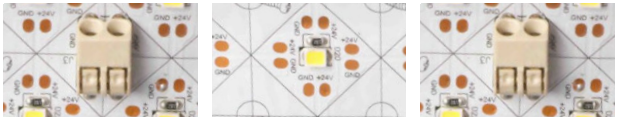
| Part No.                  | LED Qty               | Voltage | Power                  | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment         | Dimension<br>@IP20                       |
|---------------------------|-----------------------|---------|------------------------|----------------------------|----------------------------|-------------------|------------------------------------------|
| GL-X2835XX-24-CV-027-9810 | 27LED/M<br>(8LED/ft.) | 24VDC   | 14.4W/M<br>(4.39W/ft.) | 1250lm/M<br>(381lm/ft.)    | 87lm/W                     | 150mm<br>(5.9in.) | L4800*W16*H6.5mm<br>(L189*W0.63*H0.26in) |

Flexible cut per single LED to desired shape, following any solid line in the direction of horizontal, vertical or 45-degree tilted, and apply as the backlight of customized brand sign.

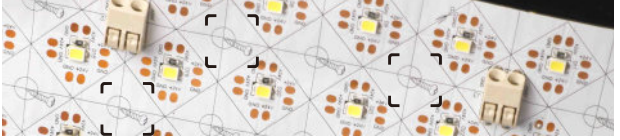


LIGHT SHEET

Convenient to achieve split joint and power fed, through the on-board connector or soldering processing (4-directional solder pads designed on each unit for both square and diamond shape), and apply as the backlight of advertising board.



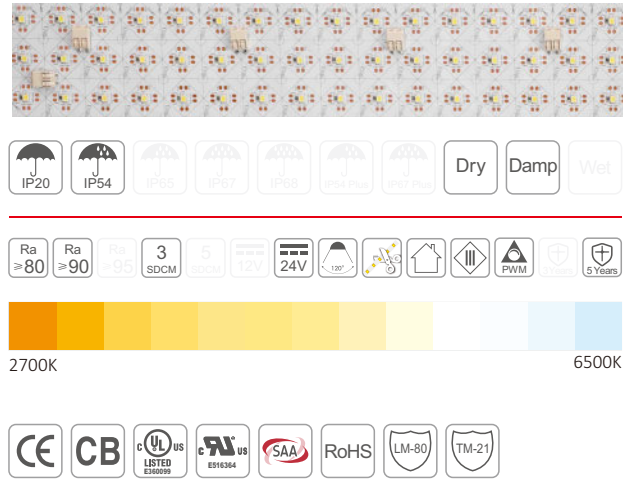
3M tape on backside is a standard configuration for installation and fixing applying on any flat or curved mounting surface, staple gun or nails can also be applied for further secure, since the inside open circles are none electricity area where can be stapled through.



Sign Backlight Series

FEATURE

- Sign Backlight Series in S, Module and sheet appearance, allows flexible angle bending for backlight apply such as advertising word, signboard light box or abnormality mount scene.
- 50,000h long lifespan.



2835 LED Light Sheet - White 1 LED Cuttable

| Part No.                     | LED Qty      | Voltage | Power           | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment               | Dimension<br>@IP20                    |
|------------------------------|--------------|---------|-----------------|----------------------------|----------------------------|-------------------------|---------------------------------------|
| GLX2835XX-24-CV288-FE71/FG80 | 288LED/Sheet | 24VDC   | 10W/20W/30W/45W | 1010/1980/2940/4300lm      | 101/99/98/96lm/W           | 20*20mm<br>(0.8*0.8in.) | L480*W240*H1mm<br>(L19*W9.5*H0.04in.) |

2835 LED Light Sheet- White 1 LED Cuttable High-Efficacy Premium

| Part No.                | LED Qty      | Voltage | Power | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment               | Dimension<br>@IP20                    |
|-------------------------|--------------|---------|-------|----------------------------|----------------------------|-------------------------|---------------------------------------|
| GLX2835XX-24-CV288-8129 | 288LED/Sheet | 24VDC   | 20W   | 3400lm                     | 170lm/W                    | 20*20mm<br>(0.8*0.8in.) | L480*W240*H1mm<br>(L19*W9.5*H0.04in.) |

2835 LED Light Sheet - White

| Part No.                | LED Qty      | Voltage | Power | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment               | Dimension<br>@IP20                    |
|-------------------------|--------------|---------|-------|----------------------------|----------------------------|-------------------------|---------------------------------------|
| GLX2835XX-24-CV288-FG82 | 288LED/Sheet | 24VDC   | 45W   | 4300lm                     | 96lm/W                     | 60*40mm<br>(2.4*1.6in.) | L480*W240*H1mm<br>(L19*W9.5*H0.04in.) |

2835 LED Light Sheet - White High-Efficacy

| Part No.                | LED Qty      | Voltage | Power           | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment                | Dimension<br>@IP20                    |
|-------------------------|--------------|---------|-----------------|----------------------------|----------------------------|--------------------------|---------------------------------------|
| GLX2835XX-24-CV252-FP20 | 252LED/Sheet | 24VDC   | 10W/20W/30W/45W | 1190/2420/3450/5050lm      | 119/121/115/112lm/W        | 160*80mm<br>(6.3*3.2in.) | L480*W240*H1mm<br>(L19*W9.5*H0.04in.) |

2835 LED Light Sheet - 180° White 1 LED Cuttable

| Part No.                | LED Qty     | Voltage | Power | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment               | Dimension<br>@IP20                      |
|-------------------------|-------------|---------|-------|----------------------------|----------------------------|-------------------------|-----------------------------------------|
| GLX2835XX-24-CV032-FK48 | 32LED/Sheet | 24VDC   | 20W   | 1780lm                     | 90lm/W                     | 60*60mm<br>(2.4*2.4in.) | L480*W240*H6.8mm<br>(L19*W9.5*H0.27in.) |

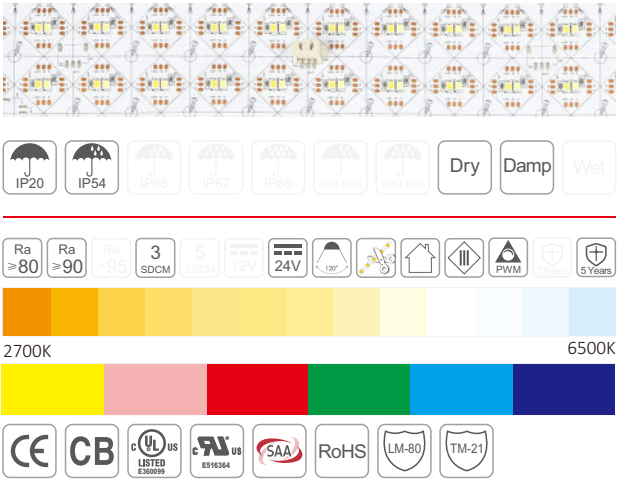
2835 LED Light Sheet - CCT 2 LED Cuttable

| Part No.                | LED Qty      | Voltage | Power          | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment               | Dimension<br>@IP20                    |
|-------------------------|--------------|---------|----------------|----------------------------|----------------------------|-------------------------|---------------------------------------|
| GLX2835XX-24-CV400-FG81 | 400LED/Sheet | 24VDC   | (20/40/60/90)W | (1980/3830/5610/8040)lm    | (99/96/94/89)lm/W          | 24*24mm<br>(0.9*0.9in.) | L480*W240*H1mm<br>(L19*W9.5*H0.04in.) |

Sign Backlight Series

FEATURE

- Sign Backlight Series in S, Module and sheet appearance, allows flexible angle bending for backlight apply such as advertising word, signboard light box or abnormality mount scene.
- 50,000h long lifespan.



2835 LED Light Sheet - CCT 2 LED Cuttable High-Efficacy Premium

| Part No.                | LED Qty      | Voltage | Power | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment               | Dimension<br>@IP20                       |
|-------------------------|--------------|---------|-------|----------------------------|----------------------------|-------------------------|------------------------------------------|
| GLX2835XX-24-CV400-8130 | 400LED/Sheet | 24VDC   | 40W   | 6600lm                     | 165lm/W                    | 24*24mm<br>(0.9*0.9in.) | L480*W240*H6.75mm<br>(L19*W9.5*H0.27in.) |

2835 LED Light Sheet - CCT

| Part No.                | LED Qty      | Voltage | Power | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment               | Dimension<br>@IP20                    |
|-------------------------|--------------|---------|-------|----------------------------|----------------------------|-------------------------|---------------------------------------|
| GLX2835XX-24-CV576-FG85 | 576LED/Sheet | 24VDC   | 90W   | 7275lm                     | 81lm/W                     | 60*40mm<br>(2.4*1.6in.) | L480*W240*H1mm<br>(L19*W9.5*H0.04in.) |

2835 LED Light Sheet - CCT High-Efficacy

| Part No.                | LED Qty      | Voltage | Power          | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment                | Dimension<br>@IP20                    |
|-------------------------|--------------|---------|----------------|----------------------------|----------------------------|--------------------------|---------------------------------------|
| GLX2835XX-24-CV504-FP21 | 504LED/Sheet | 24VDC   | (20/40/60/90)W | (2210/4520/6290/9160)lm    | (111/113/105/102)lm/W      | 160*80mm<br>(6.3*3.2in.) | L480*W240*H1mm<br>(L19*W9.5*H0.04in.) |

5050 LED Light Sheet - RGB

| Part No.                | LED Qty      | Voltage | Power | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment                | Dimension<br>@IP20                    |
|-------------------------|--------------|---------|-------|----------------------------|----------------------------|--------------------------|---------------------------------------|
| GLX5050XX-24-CV288-FG83 | 288LED/Sheet | 24VDC   | 60W   | 2550lm                     | 43lm/W                     | 120*40mm<br>(4.8*1.6in.) | L480*W240*H2mm<br>(L19*W9.5*H0.08in.) |

5050 LED Light Sheet - RGBW

| Part No.                | LED Qty      | Voltage | Power | Brightness<br>@3000K&CRI90 | Light Eff.<br>@3000K&CRI90 | Increment                | Dimension<br>@IP20                    |
|-------------------------|--------------|---------|-------|----------------------------|----------------------------|--------------------------|---------------------------------------|
| GLX5050XX-24-CV288-FG84 | 288LED/Sheet | 24VDC   | 80W   | 3980lm                     | 50lm/W                     | 120*40mm<br>(4.8*1.6in.) | L480*W240*H2mm<br>(L19*W9.5*H0.08in.) |

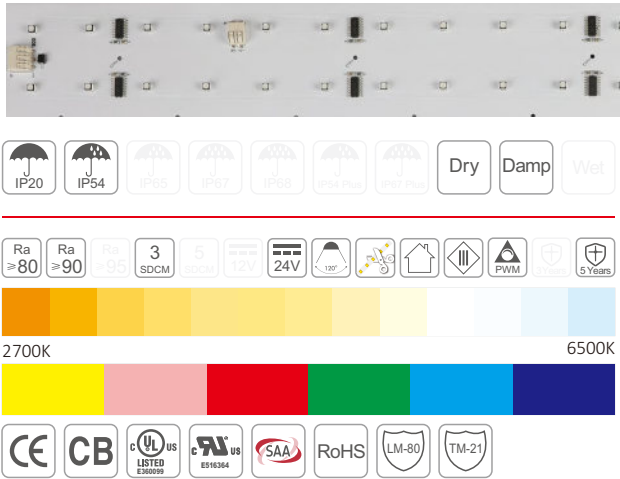
5050+2835 LED Light Sheet - RGB+W+W

| Part No.                | LED Qty      | Voltage | Power | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment                | Dimension<br>@IP20                    |
|-------------------------|--------------|---------|-------|----------------------------|----------------------------|--------------------------|---------------------------------------|
| GLX2835XX-24-CV864-FG47 | 864LED/Sheet | 24VDC   | 80W   | 4790lm                     | 60lm/W                     | 120*40mm<br>(4.8*1.6in.) | L480*W240*H2mm<br>(L19*W9.5*H0.08in.) |

Sign Backlight Series

FEATURE

- Sign Backlight Series in S, Module and sheet appearance, allows flexible angle bending for backlight apply such as advertising word, signboard light box or abnormity mount scene.
- 50,000h long lifespan.



5050 LED Light Sheet - SPI RGBW

| Part No.                      | LED Qty      | Voltage | Power | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment               | Dimension<br>@IP20                   |
|-------------------------------|--------------|---------|-------|----------------------------|----------------------------|-------------------------|--------------------------------------|
| GLX5050XX-24-CV-216-9333/9334 | 216LED/Sheet | 24VDC   | 32W   | 720lm                      | 23lm/W                     | 80*80mm<br>(3.1*3.1in.) | L480*W240*H2mm<br>(L19*W9.5*H0.08in) |

3535 LED Luminous Textile Sheet 1 LED/Pixel - SPI RGB

| Part No.               | LED Qty      | Voltage | Power | Brightness | Light Eff. | Increment | Dimension<br>@IP20                     |
|------------------------|--------------|---------|-------|------------|------------|-----------|----------------------------------------|
| GLX3535-05-CV-128-9292 | 128LED/Sheet | 5VDC    | 35W   | 970lm      | 28lm/W     | \         | L480*W240*H3.1mm<br>(L19*W9.5*H0.12in) |

3535 LED Luminous Textile Sheet 1 LED/Pixel - SPI RGB



| Part No.                 | LED Qty      | Voltage | Power | Brightness | Light Eff. | Increment               | Dimension<br>@IP20                 |
|--------------------------|--------------|---------|-------|------------|------------|-------------------------|------------------------------------|
| GLX3535XX-12-CV-512-7175 | 512LED/Sheet | 12VDC   | 65W   | 1868lm     | 29lm/W     | 305*38mm<br>(12*1.5in.) | L610*W305*H5mm<br>(L24*W12*H0.2in) |

3535 LED Luminous Textile Sheet 1 LED/Pixel - SPI RGB



| Part No.               | LED Qty      | Voltage | Power | Brightness | Light Eff. | Increment                | Dimension<br>@IP20                    |
|------------------------|--------------|---------|-------|------------|------------|--------------------------|---------------------------------------|
| GLX3535-24-CV-128-7219 | 128LED/Sheet | 24VDC   | 33W   | 825lm      | 25lm/W     | 240*30mm<br>(9.5*1.2in.) | L480*W240*H5.4mm<br>(L19*W9.5*H0.2in) |

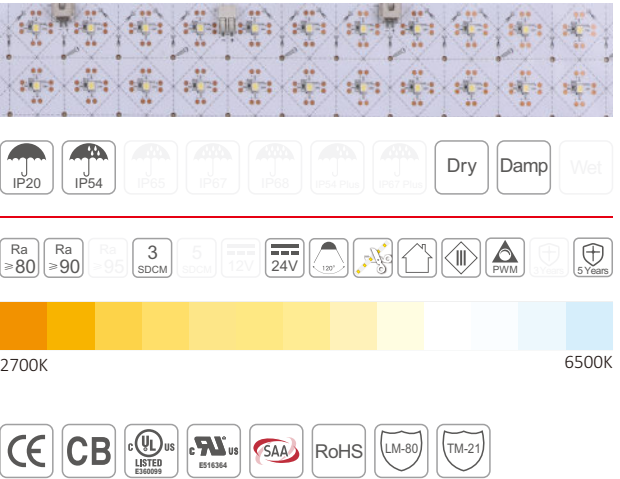
3535+2835 LED Luminous Textile Sheet 1 LED/Pixel - SPI RGB+W

| Part No.               | LED Qty      | Voltage | Power | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment | Dimension<br>@IP20                     |
|------------------------|--------------|---------|-------|----------------------------|----------------------------|-----------|----------------------------------------|
| GLX3535-05-CV-160-9156 | 160LED/Sheet | 5VDC    | 45W   | 800lm                      | 18lm/W                     | \         | L480*W240*H5.7mm<br>(L19*W9.5*H0.22in) |

Sign Backlight Series

FEATURE

- Sign Backlight Series in S, Module and sheet appearance, allows flexible angle bending for backlight apply such as advertising word, signboard light box or abnormity mount scene.
- 50,000h long lifespan.



2835 LED Light Sheet - White 1 LED Cuttable (1\*2ft.)

| Part No.                 | LED Qty      | Voltage | Power          | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment               | Dimension<br>@IP20                  |
|--------------------------|--------------|---------|----------------|----------------------------|----------------------------|-------------------------|-------------------------------------|
| GLX2835XX-24-CV-288-FH12 | 288LED/Sheet | 24VDC   | (10/20/30/40)W | (940/1840/2730/3540)lm     | (94/92/91/89)lm/W          | 25.4*25.4mm<br>(1*1in.) | L610*W305*H1mm<br>(L24*W12*H0.04in) |

2835 LED Light Sheet - White High-Efficacy (1\*2ft.)



| Part No.                 | LED Qty      | Voltage | Power | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment             | Dimension<br>@IP20                  |
|--------------------------|--------------|---------|-------|----------------------------|----------------------------|-----------------------|-------------------------------------|
| GLX2835XX-24-CV-288-9329 | 288LED/Sheet | 24VDC   | 10W   | 1500lm                     | 150lm/W                    | 102*102mm<br>(4*4in.) | L610*W305*H1mm<br>(L24*W12*H0.04in) |

2835 LED Light Sheet - 180° White 1 LED Cuttable (1\*2ft.)

| Part No.                 | LED Qty     | Voltage | Power | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment               | Dimension<br>@IP20                  |
|--------------------------|-------------|---------|-------|----------------------------|----------------------------|-------------------------|-------------------------------------|
| GLX2835XX-24-CV-032-9171 | 32LED/Sheet | 24VDC   | 20W   | 1680lm                     | 84lm/W                     | 76.2*76.2mm<br>(3*3in.) | L610*W305*H1mm<br>(L24*W12*H0.04in) |

2835 LED Light Sheet - CCT 2 LED Cuttable (1\*2ft.)

| Part No.                 | LED Qty      | Voltage | Power          | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment               | Dimension<br>@IP20                  |
|--------------------------|--------------|---------|----------------|----------------------------|----------------------------|-------------------------|-------------------------------------|
| GLX2835XX-24-CV-288-FH13 | 288LED/Sheet | 24VDC   | (10/20/30/40)W | (940/1840/2730/3540)lm     | (94/92/91/89)lm/W          | 50.8*25.4mm<br>(2*1in.) | L610*W305*H1mm<br>(L24*W12*H0.04in) |

2835 LED Light Sheet - CCT High-Efficacy (1\*2ft.)



| Part No.                 | LED Qty      | Voltage | Power | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment             | Dimension<br>@IP20                  |
|--------------------------|--------------|---------|-------|----------------------------|----------------------------|-----------------------|-------------------------------------|
| GLX2835XX-24-CV-288-9330 | 288LED/Sheet | 24VDC   | 20W   | 2600lm                     | 131lm/W                    | 102*102mm<br>(4*4in.) | L610*W305*H1mm<br>(L24*W12*H0.04in) |

2835 LED Light Sheet - Dim-to-Warm (1\*2ft.)

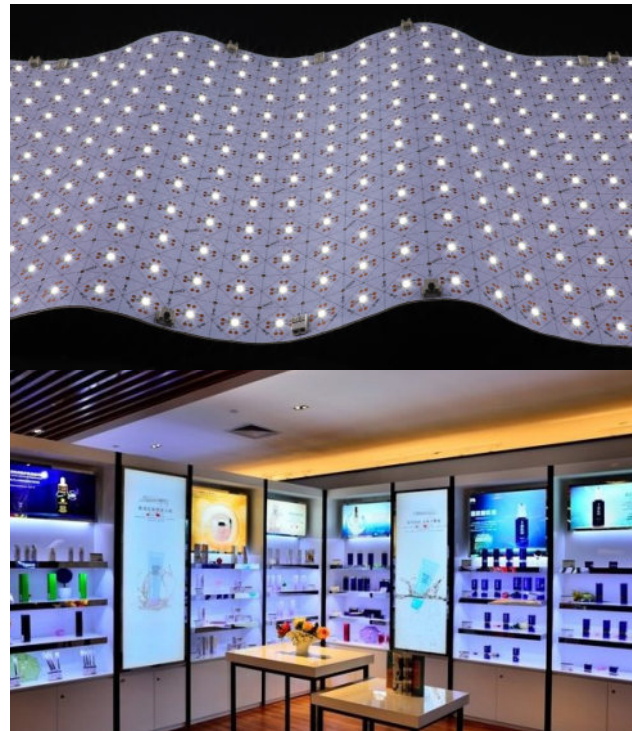
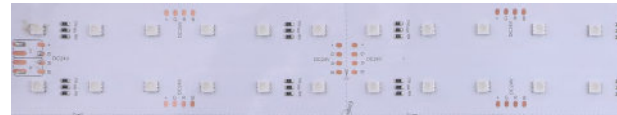


| Part No.                 | LED Qty      | Voltage | Power | Brightness<br>@3000K&CRI90 | Light Eff.<br>@3000K&CRI90 | Increment           | Dimension<br>@IP20                  |
|--------------------------|--------------|---------|-------|----------------------------|----------------------------|---------------------|-------------------------------------|
| GLX2835XX-24-CV-768-9959 | 768LED/Sheet | 24VDC   | 20W   | 2000lm                     | 100lm/W                    | 76*76mm<br>(3*3in.) | L610*W305*H1mm<br>(L24*W12*H0.04in) |

## Sign Backlight Series

## FEATURE

- Sign Backlight Series in S, Module and sheet appearance, allows flexible angle bending for backlight apply such as advertising word, signboard light box or abnormality mount scene.
- 50,000h long lifespan.



## 5050 LED Light Sheet - RGB 1 LED Cuttable (1\*2ft.)

| Part No.                    | LED Qty      | Voltage | Power | Brightness | Light Eff. | Increment                | Dimension<br>@IP20                  |
|-----------------------------|--------------|---------|-------|------------|------------|--------------------------|-------------------------------------|
| GLX5050XX-<br>24-CV432-FN29 | 432LED/Sheet | 24VDC   | 30W   | 1370lm     | 46lm/W     | 50.8*25.4mm<br>(2*1 in.) | l610*W305*H1mm<br>(l24*W12*H0.04in) |

## 5050 LED Light Sheet - RGB (1\*2ft.)

| Part No.                     | LED Qty      | Voltage | Power | Brightness | Light Eff. | Increment                | Dimension<br>@P20                   |
|------------------------------|--------------|---------|-------|------------|------------|--------------------------|-------------------------------------|
| GLX5050XX-<br>24-CV-288-FH14 | 288LED/Sheet | 24VDC   | 40W   | 1850lm     | 46lm/W     | 152.4*50.8mm<br>(6*2in.) | 1610*W305*H2mm<br>(L24*W12*H0.08in) |

## 5050 LED Light Sheet - RGBW 1 LED Cuttable (1\*2ft.)

| Part No.                     | LED Qty      | Voltage | Power | Brightness<br>@2700K&CRI90 | Light Eff.<br>@2700K&CRI90 | Increment                | Dimension<br>@IP20                  |
|------------------------------|--------------|---------|-------|----------------------------|----------------------------|--------------------------|-------------------------------------|
| GLX5050XX-<br>24-CV-576-FN30 | 576LED/Sheet | 24VDC   | 40W   | 2260lm                     | 57lm/W                     | 50.8*25.4mm<br>(2*1 in.) | l610*W305*H1mm<br>(L24*W12*H0.04in) |

## 5050 LED Light Sheet - RGBW (1\*2ft.)

| Part No.                    | LED Qty      | Voltage | Power | Brightness<br>@3000K&CRI90 | Light Eff.<br>@3000K&CRI90 | Increment                | Dimension<br>@IP20                  |
|-----------------------------|--------------|---------|-------|----------------------------|----------------------------|--------------------------|-------------------------------------|
| GLX5050XX-<br>24-CV288-FH15 | 288LED/Sheet | 24VDC   | 60W   | 3590lm                     | 60lm/W                     | 152.4*50.8mm<br>(6*2in.) | 1610*W305*H2mm<br>(124*W12*H0.08in) |

## 5050 LED Light Sheet - RGB CCT (1\*2ft.)



| Part No.                 | LED Qty      | Voltage | Power | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment                | Dimension<br>@IP20                  |
|--------------------------|--------------|---------|-------|----------------------------|----------------------------|--------------------------|-------------------------------------|
| GLX5050XX-24-CV-288-7286 | 288LED/Sheet | 24VDC   | 40W   | 2490lm                     | 62lm/W                     | 152.4*50.8mm<br>(6*2in.) | 1610*W305*H2mm<br>(L24*W12*H0.08in) |

## Sign Backlight Series

## FEATURE

- Sign Backlight Series in S, Module and sheet appearance, allows flexible angle bending for backlight apply such as advertising word, signboard light box or abnormality mount scene.
- 50,000h long lifespan.



## 5050 LED Light Sheet - SPI RGBW (1\*2ft.)

| Part No.                 | LED Qty      | Voltage | Power | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment                 | Dimension<br>@IP20                 |
|--------------------------|--------------|---------|-------|----------------------------|----------------------------|---------------------------|------------------------------------|
| GLX5050XX-24-CV-216-9332 | 216LED/Sheet | 24VDC   | 31W   | 1960lm                     | 61lm/W                     | 101.6*101.6mm<br>(4*4in.) | 610*W305*H2mm<br>(L24*W12*H0.08in) |

## 5050 LED Light Sheet - SPI RGB CCT (1\*2ft.)



| Part No.                 | LED Qty      | Voltage | Power | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment                | Dimension<br>@IP20                  |
|--------------------------|--------------|---------|-------|----------------------------|----------------------------|--------------------------|-------------------------------------|
| GLX5050XX-24-CV-288-7066 | 288LED/Sheet | 24VDC   | 52W   | 2806lm                     | 54lm/W                     | 101.7*76.3mm<br>(4*3in.) | L610*W305*H2mm<br>(L24*W12*H0.08in) |

## 5050 LED Light Sheet - DMX RGBW (1\*2ft.)

| Part No.                          | LED Qty      | Voltage | Power | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment                 | Dimension<br>@IP20                  |
|-----------------------------------|--------------|---------|-------|----------------------------|----------------------------|---------------------------|-------------------------------------|
| GLX5050XX-<br>24-CV-216-9331/9258 | 216LED/Sheet | 24VDC   | 35W   | 1820lm                     | 52lm/W                     | 101.6*101.6mm<br>(4*4in.) | L610*W305*H2mm<br>(L24*W12*H0.08in) |

## 5050 LED Light Sheet - DMX RGBCCT (1\*2ft.)

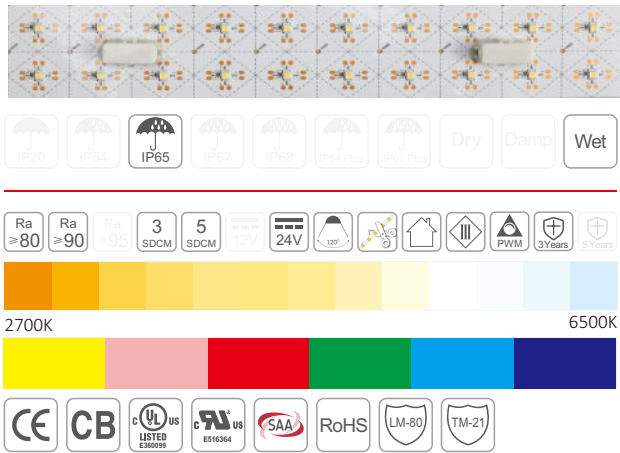


| Part No.                 | LED Qty      | Voltage | Power | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment                | Dimension<br>@IP20                  |
|--------------------------|--------------|---------|-------|----------------------------|----------------------------|--------------------------|-------------------------------------|
| GLX5050XX-24-CV-288-7067 | 288LED/Sheet | 24VDC   | 40W   | 1955lm                     | 49lm/W                     | 101.7*76.3mm<br>(4*3in.) | L610*W305*H2mm<br>(L24*W12*H0.08in) |

Sign Backlight Series

FEATURE

- Can be cut to length on-site and spliced using an integrated IP65 waterproof connector.
- The perfect solution for tight, curved backlighting spaces where an ultrathin profile is essential.
- Applications include backlighting for showcases, billboards, and lightboxes, as well as photographic lighting.



2835 LED Light Sheet - White 1 LED Cuttable IP65 (1\*2ft.)



F

| Part No.                 | LED Qty      | Voltage | Power | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment               | Dimension<br>@IP20                     |
|--------------------------|--------------|---------|-------|----------------------------|----------------------------|-------------------------|----------------------------------------|
| GLX2835XX-24-CV-288-7092 | 288LED/Sheet | 24VDC   | 10W   | 1050lm                     | 105lm/W                    | 25.4*25.4mm<br>(1*1in.) | 1610*W305*H11.1mm<br>(L24*W12*H0.44in) |

2835 LED Light Sheet - CCT 2 LED Cuttable IP65 (1\*2ft.)



F

| Part No.                 | LED Qty      | Voltage | Power | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment               | Dimension<br>@IP20                     |
|--------------------------|--------------|---------|-------|----------------------------|----------------------------|-------------------------|----------------------------------------|
| GLX2835XX-24-CV-576-7093 | 576LED/Sheet | 24VDC   | 20W   | 2190lm                     | 110lm/W                    | 25.4*25.4mm<br>(1*1in.) | 1610*W305*H11.1mm<br>(L24*W12*H0.44in) |

5050 LED Light Sheet - RGBW IP65 (1\*2ft.)



E

| Part No.                 | LED Qty      | Voltage | Power | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment                | Dimension<br>@IP20                     |
|--------------------------|--------------|---------|-------|----------------------------|----------------------------|--------------------------|----------------------------------------|
| GLX5050XX-24-CV-288-7094 | 288LED/Sheet | 24VDC   | 30W   | 2110lm                     | 70lm/W                     | 152.4*50.8mm<br>(6*2in.) | 1610*W305*H11.1mm<br>(L24*W12*H0.44in) |

5050 LED Light Sheet - RGB CCT IP65 (1\*2ft.)



| Part No.                 | LED Qty      | Voltage | Power | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment                | Dimension<br>@IP20                     |
|--------------------------|--------------|---------|-------|----------------------------|----------------------------|--------------------------|----------------------------------------|
| GLX5050XX-24-CV-288-7095 | 288LED/Sheet | 24VDC   | 40W   | 2340lm                     | 59lm/W                     | 152.4*50.8mm<br>(6*2in.) | 1610*W305*H11.1mm<br>(L24*W12*H0.44in) |

5050 LED Light Sheet - SPI RGBW IP65 (1\*2ft.)



| Part No.                 | LED Qty      | Voltage | Power | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment               | Dimension<br>@IP20                     |
|--------------------------|--------------|---------|-------|----------------------------|----------------------------|-------------------------|----------------------------------------|
| GLX5050XX-24-CV-384-7096 | 384LED/Sheet | 24VDC   | 58W   | 3340lm                     | 58lm/W                     | 76.3*76.3mm<br>(3*3in.) | 1610*W305*H11.1mm<br>(L24*W12*H0.44in) |

5050 LED Light Sheet - DMX RGBW IP65 (1\*2ft.)

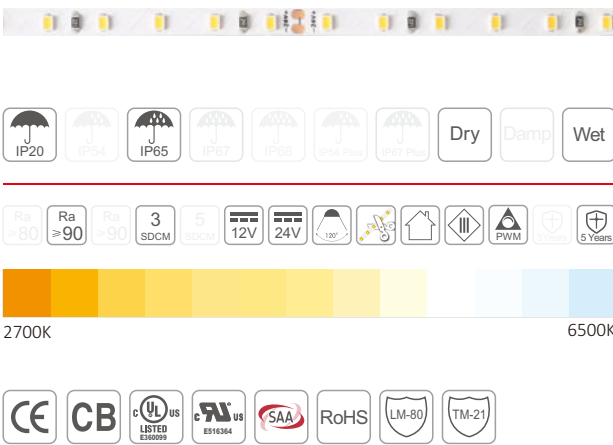


| Part No.                 | LED Qty      | Voltage | Power | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment               | Dimension<br>@IP20                     |
|--------------------------|--------------|---------|-------|----------------------------|----------------------------|-------------------------|----------------------------------------|
| GLX5050XX-24-CV-384-7097 | 384LED/Sheet | 24VDC   | 65W   | 3700lm                     | 57lm/W                     | 76.3*76.3mm<br>(3*3in.) | 1610*W305*H11.1mm<br>(L24*W12*H0.44in) |

Ultra-Slim High-Density Series

FEATURE

- Tiny package of 2216 LED, more appropriate for furniture lighting with demand of ultra-narrow and high-density performance.
- 50,000h long lifespan, UL/TUV-CE/RoHS approval.



2216 LED

G

| Part No.                 | LED Qty                 | Voltage | Power                | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Width                  | Increment           | Dimension<br>@IP20                    |
|--------------------------|-------------------------|---------|----------------------|----------------------------|----------------------------|------------------------|---------------------|---------------------------------------|
| GLX2216XX-12-CV-308-9271 | 308LED/M<br>(94LED/ft.) | 24VDC   | 9W/M<br>(2.74W/ft.)  | 1060lm/M<br>(320lm/ft.)    | 118lm/W                    | 3mm<br>(0.12in.)       | 23mm<br>(0.9in.)    | 13000*W3*H1mm<br>(L118*W0.12*H0.04in) |
| GLX2216XX-12-CV-120-FE23 | 120LED/M<br>(36LED/ft.) | 12VDC   | 7.2W/M<br>(2.2W/ft.) | 720lm/M<br>(220lm/ft.)     | 100lm/W                    | 4mm<br>(0.16in.)       | 25mm<br>(0.98in.)   | 13000*W4*H1mm<br>(L118*W0.16*H0.04in) |
| GLX2216XX-24-CV-120-FB02 | 120LED/M<br>(36LED/ft.) | 24VDC   | 7.2W/M<br>(2.2W/ft.) | 720lm/M<br>(220lm/ft.)     | 100lm/W                    | 4mm<br>(0.16in.)       | 50mm<br>(1.97in.)   | 15000*W4*H1mm<br>(L197*W0.16*H0.04in) |
| GLX2216XX-24-CV-238-FE25 | 238LED/M<br>(72LED/ft.) | 24VDC   | 7.2W/M<br>(2.2W/ft.) | 830lm/M<br>(250lm/ft.)     | 115lm/W                    | 4mm<br>(0.16in.)       | 29.4mm<br>(1.16in.) | 15000*W4*H1mm<br>(L197*W0.16*H0.04in) |
| GLX2216XX-12-CV-120-F606 | 120LED/M<br>(36LED/ft.) | 12VDC   | 7.2W/M<br>(2.2W/ft.) | 720lm/M<br>(220lm/ft.)     | 100lm/W                    | 5mm<br>(0.2in.)        | 25mm<br>(0.98in.)   | 13000*W5*H1mm<br>(L118*W0.2*H0.04in)  |
| GLX2216XX-24-CV-120-F607 | 120LED/M<br>(36LED/ft.) | 24VDC   | 7.2W/M<br>(2.2W/ft.) | 720lm/M<br>(220lm/ft.)     | 100lm/W                    | 5mm<br>(0.2in.)        | 50mm<br>(1.97in.)   | 15000*W5*H1mm<br>(L197*W0.2*H0.04in)  |
| GLX2216XX-24-CV-238-FE27 | 238LED/M<br>(72LED/ft.) | 24VDC   | 7.2W/M<br>(2.2W/ft.) | 830lm/M<br>(253lm/ft.)     | 115lm/W                    | 5mm<br>(0.2in.)        | 29.4mm<br>(1.16in.) | 15000*W5*H1mm<br>(L197*W0.2*H0.04in)  |
| GLX2216XX-12-CV-288-IM21 | 288LED/M<br>(88LED/ft.) | 12VDC   | 6W/M<br>(1.8W/ft.)   | 750lm/M<br>(230lm/ft.)     | 125lm/W                    | 5mm<br>(0.2in.)        | 13.9mm<br>(0.55in.) | 13000*W5*H1mm<br>(L118*W0.2*H0.04in)  |
| GLX2216XX-24CV-288-FM22  | 288LED/M<br>(88LED/ft.) | 24VDC   | 6W/M<br>(1.8W/ft.)   | 750lm/M<br>(230lm/ft.)     | 125lm/W                    | 5mm<br>(0.2in.)        | 27.8mm<br>(1.1in.)  | 13000*W5*H1mm<br>(L118*W0.2*H0.04in)  |
| GLX2216XX-12-CV-240-9100 | 240LED/M<br>(73LED/ft.) | 24VDC   | 10W/M<br>(3W/ft.)    | 950lm/M<br>(290lm/ft.)     | 95lm/W                     | 5mm<br>(0.2in.)<br>CCT | 50mm<br>(1.97in.)   | 15000*W5*H1mm<br>(L197*W0.2*H0.04in)  |
| GLX2216XX-12-CV-256-IM23 | 256LED/M<br>(78LED/ft.) | 12VDC   | 12W/M<br>(3.65W/ft.) | 1510lm/M<br>(460lm/ft.)    | 126lm/W                    | 5mm<br>(0.2in.)<br>CCT | 31.3mm<br>(1.23in.) | 13000*W5*H1mm<br>(L118*W0.2*H0.04in)  |
| GLX2216XX-24-CV-256-FM24 | 256LED/M<br>(78LED/ft.) | 24VDC   | 12W/M<br>(3.65W/ft.) | 1510lm/M<br>(460lm/ft.)    | 126lm/W                    | 5mm<br>(0.2in.)<br>CCT | 62.5mm<br>(2.46in.) | 13000*W5*H1mm<br>(L118*W0.2*H0.04in)  |

Ultra-Slim High-Density Series

FEATURE

- Tiny package of 2216 LED, more appropriate for furniture lighting with demand of ultra-narrow and high-density performance.
- 50,000h long lifespan, UL/TUV-CE/RoHS approval.



2216 LED

|                           | Part No.                 | LED Qty                 | Voltage | Power                | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Width                   | Increment          | Dimension<br>@IP20                    |
|---------------------------|--------------------------|-------------------------|---------|----------------------|----------------------------|----------------------------|-------------------------|--------------------|---------------------------------------|
| F Energy Efficiency Class | GLX2216XX-12-CV-240-F608 | 240LED/M<br>(73LED/ft.) | 12VDC   | 9.6W/M<br>(2.9W/ft.) | 960lm/M<br>(290lm/ft.)     | 100lm/W                    | 6mm<br>(0.24in.)        | 12.5mm<br>(0.49in) | L3000*W6*H1mm<br>(L118*W0.24*H0.04in) |
| F Energy Efficiency Class | GLX2216XX-24-CV-240-F609 | 240LED/M<br>(73LED/ft.) | 24VDC   | 9.6W/M<br>(2.9W/ft.) | 960lm/M<br>(290lm/ft.)     | 100lm/W                    | 6mm<br>(0.24in.)        | 25mm<br>(0.98in)   | L5000*W6*H1mm<br>(L197*W0.24*H0.04in) |
| F Energy Efficiency Class | GLX2216XX-12-CV-240-FE29 | 240LED/M<br>(73LED/ft.) | 12VDC   | 9.6W/M<br>(2.9W/ft.) | 900lm/M<br>(270lm/ft.)     | 94lm/W                     | 6mm<br>(0.24in.)<br>CCT | 25mm<br>(0.98in)   | L3000*W6*H1mm<br>(L118*W0.24*H0.04in) |
| F Energy Efficiency Class | GLX2216XX-24-CV-240-FE30 | 240LED/M<br>(73LED/ft.) | 24VDC   | 9.6W/M<br>(2.9W/ft.) | 900lm/M<br>(270lm/ft.)     | 94lm/W                     | 6mm<br>(0.24in.)<br>CCT | 50mm<br>(1.97in)   | L5000*W6*H1mm<br>(L197*W0.24*H0.04in) |
| E Energy Efficiency Class | GLX2216XX-24-CV-320-9274 | 320LED/M<br>(97LED/ft.) | 24VDC   | 10W/M<br>(3W/ft.)    | 1450lm/M<br>(1440lm/ft.)   | 145lm/W                    | 8mm<br>(0.31in.)        | 25mm<br>(0.98in)   | L5000*W8*H1mm<br>(L197*W0.31*H0.04in) |
| F Energy Efficiency Class | GLX2216XX-12-CV-240-FE32 | 240LED/M<br>(73LED/ft.) | 12VDC   | 14W/M<br>(4.3W/ft.)  | 1300lm/M<br>(390lm/ft.)    | 93lm/W                     | 8mm<br>(0.31in.)<br>CCT | 25mm<br>(0.98in)   | L3000*W8*H1mm<br>(L118*W0.31*H0.04in) |
| F Energy Efficiency Class | GLX2216XX-24-CV-240-FE33 | 240LED/M<br>(73LED/ft.) | 24VDC   | 14W/M<br>(4.3W/ft.)  | 1300lm/M<br>(390lm/ft.)    | 93lm/W                     | 8mm<br>(0.31in.)<br>CCT | 50mm<br>(1.97in)   | L3000*W8*H1mm<br>(L118*W0.31*H0.04in) |

2835 LED

|                           | Part No.                 | LED Qty                 | Voltage | Power                | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Width            | Increment        | Dimension<br>@IP20                    |
|---------------------------|--------------------------|-------------------------|---------|----------------------|----------------------------|----------------------------|------------------|------------------|---------------------------------------|
| F Energy Efficiency Class | GLX2835XX-12-CV-120-UJ35 | 120LED/M<br>(36LED/ft.) | 12VDC   | 7.5W/M<br>(2.3W/ft.) | 800lm/M<br>(250lm/ft.)     | 107lm/W                    | 4mm<br>(0.16in.) | 25mm<br>(0.98in) | L3000*W4*H1mm<br>(L118*W0.16*H0.04in) |
| F Energy Efficiency Class | GLX2835XX-24-CV-120-UJ36 | 120LED/M<br>(36LED/ft.) | 24VDC   | 7.5W/M<br>(2.3W/ft.) | 800lm/M<br>(250lm/ft.)     | 107lm/W                    | 4mm<br>(0.16in.) | 50mm<br>(1.97in) | L5000*W4*H1mm<br>(L197*W0.16*H0.04in) |
| D Energy Efficiency Class | GLX2835XX-12-CV-160-IG51 | 160LED/M<br>(49LED/ft.) | 12VDC   | 6W/M<br>(1.8W/ft.)   | 960lm/M<br>(290lm/ft.)     | 150lm/W                    | 5mm<br>(0.2in.)  | 25mm<br>(0.98in) | L3000*W5*H1mm<br>(L118*W0.2*H0.04in)  |

Ultra-Long Series

FEATURE

- Base on 24V operating voltage.
- Ultra-Long Series guarantee a uniform brightness from the first to the end section, even running in long length.
- 50,000h long lifespan.



2835 LED 10M/15M/25M 24V White High-Efficacy

|                           | Part No.                 | LED Qty                 | Voltage | Power                | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment         | Dimension<br>@IP20                       |
|---------------------------|--------------------------|-------------------------|---------|----------------------|----------------------------|----------------------------|-------------------|------------------------------------------|
| F Energy Efficiency Class | GLX2835XX-24-CC-126-LD97 | 126LED/M<br>(38LED/ft.) | 24VDC   | 15W/M<br>(4.6W/ft.)  | 1540lm/M<br>(470lm/ft.)    | 103lm/W                    | 55.6mm<br>(2.2in) | L10000*W10*H1mm<br>(L394*W0.39*H0.04in.) |
| F Energy Efficiency Class | GLX2835XX-24-CC-126-LD97 | 126LED/M<br>(38LED/ft.) | 24VDC   | 8W/M<br>(2.4W/ft.)   | 870lm/M<br>(270lm/ft.)     | 109lm/W                    | 55.6mm<br>(2.2in) | L15000*W10*H1mm<br>(L591*W0.39*H0.04in.) |
| F Energy Efficiency Class | GLX2835XX-24-CC-126-LD97 | 126LED/M<br>(38LED/ft.) | 24VDC   | 4.5W/M<br>(1.4W/ft.) | 470lm/M<br>(140lm/ft.)     | 104lm/W                    | 55.6mm<br>(2.2in) | L25000*W10*H1mm<br>(L984*W0.39*H0.04in.) |

2835 LED 10M/20M 24V White Short-Cutting

|                           | Part No.                 | LED Qty                 | Voltage | Power                | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment          | Dimension<br>@IP20                      |
|---------------------------|--------------------------|-------------------------|---------|----------------------|----------------------------|----------------------------|--------------------|-----------------------------------------|
| F Energy Efficiency Class | GLX2835XX-24-CV-120-9033 | 120LED/M<br>(36LED/ft.) | 24VDC   | 10W/M<br>(3.05W/ft.) | 940lm/M<br>(285lm/ft.)     | 94lm/W                     | 8.33mm<br>(0.33in) | L10000*W10*H1mm<br>(L394*W0.39*H0.04in) |
| F Energy Efficiency Class | GLX2835XX-24-CV-120-9033 | 120LED/M<br>(36LED/ft.) | 24VDC   | 4W/M<br>(1.22W/ft.)  | 380lm/M<br>(115lm/ft.)     | 94lm/W                     | 8.33mm<br>(0.33in) | L20000*W10*H1mm<br>(L788*W0.39*H0.04in) |

2835 LED 10M 24V CCT

|                           | Part No.                 | LED Qty                 | Voltage | Power                 | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment          | Dimension<br>@IP20                       |
|---------------------------|--------------------------|-------------------------|---------|-----------------------|----------------------------|----------------------------|--------------------|------------------------------------------|
| G Energy Efficiency Class | GLX2835XX-24-CC-168-UJ94 | 168LED/M<br>(51LED/ft.) | 24VDC   | 12.5W/M<br>(3.8W/ft.) | 1070lm/M<br>(330lm/ft.)    | 85lm/W                     | 71.4mm<br>(2.81in) | L10000*W10*H1.6mm<br>(L394*W0.4*H0.06in) |

4040 LED 10M 24V RGB



|  | Part No.                 | LED Qty                 | Voltage | Power                  | Brightness             | Light Eff. | Increment        | Dimension<br>@IP20                        |
|--|--------------------------|-------------------------|---------|------------------------|------------------------|------------|------------------|-------------------------------------------|
|  | GLX4040XX-24-CV-120-9525 | 120LED/M<br>(36LED/ft.) | 24VDC   | 14.4W/M<br>(4.39W/ft.) | 730lm/M<br>(223lm/ft.) | 51lm/W     | 50mm<br>(1.97in) | L10000*W12*H2.3mm<br>(L394*W0.47*H0.09in) |

4040 LED 10M 24V RGBW



|                           | Part No.                 | LED Qty                 | Voltage | Power                  | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment        | Dimension<br>@IP20                        |
|---------------------------|--------------------------|-------------------------|---------|------------------------|----------------------------|----------------------------|------------------|-------------------------------------------|
| G Energy Efficiency Class | GLX4040XX-24-CV-120-9527 | 120LED/M<br>(36LED/ft.) | 24VDC   | 14.4W/M<br>(4.39W/ft.) | 816lm/M<br>(249lm/ft.)     | 57lm/W                     | 50mm<br>(1.97in) | L10000*W12*H2.3mm<br>(L394*W0.47*H0.09in) |



## Short Cutting Series

## FEATURE

- Short-Unit Cuttable Series in single LED cuttable is a perfect solution avoiding dark area on the edge for fixture assembly together with aluminum channel.
- 50,000h long lifespan.



2835 LED

| Part No.                      | LED Qty                | Voltage | Power                | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment                    | Dimension<br>@IP20                    |
|-------------------------------|------------------------|---------|----------------------|----------------------------|----------------------------|------------------------------|---------------------------------------|
| GL-X2835XX-<br>24-CV-120-F636 | 120LED/M<br>(36LED/ft) | 24VDC   | 14W/M<br>(4.27W/ft.) | 1196lm/M<br>(365lm/ft.)    | 85lm/W                     | 8.33mm(0.33in)<br>1 LED/Unit | L5000*W10*H1mm<br>(L197*W0.4*H0.04in) |

2835 LED CCT

| Part No.                      | LED Qty                | Voltage | Power                | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment                    | Dimension<br>@IP20                    |
|-------------------------------|------------------------|---------|----------------------|----------------------------|----------------------------|------------------------------|---------------------------------------|
| GL-X2835XX-<br>24-CV-120-F638 | 120LED/M<br>(36LED/ft) | 24VDC   | 14W/M<br>(4.27W/ft.) | 1196lm/M<br>(365lm/ft.)    | 85lm/W                     | 8.33mm(0.33in)<br>1 LED/Unit | L5000*W10*H1mm<br>(L197*W0.4*H0.04in) |

2835 LED Ultra-long

|                                                                                                            | Part No.       | LED Qty    | Voltage | Power      | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment                        | Dimension<br>@IP20                    |
|------------------------------------------------------------------------------------------------------------|----------------|------------|---------|------------|----------------------------|----------------------------|----------------------------------|---------------------------------------|
|  Energy Efficiency Class | GLX2835XX-     | 304LED/M   | 24VDC   | 12W/M      | 1200lm/M                   | 100lm/W                    | Free cutting<br>to be any length | L8000*W10*H1mm<br>(L315*W0.4*H0.04in) |
|                                                                                                            | 24-CV-304-9276 | (92LED/ft) |         | (3.66W/ft) | (370lm/ft)                 |                            |                                  |                                       |

## 2835 LED Ultra-Slim

|                                  | Part No.                  | LED Qty                | Voltage | Power                | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment                    | Dimension<br>@IP20                   |
|----------------------------------|---------------------------|------------------------|---------|----------------------|----------------------------|----------------------------|------------------------------|--------------------------------------|
| <b>F</b> Energy Efficiency Class | GL-X2835XX-12-CV-120-FG93 | 120LED/M<br>(36LED/ft) | 12VDC   | 9.6W/M<br>(2.93W/ft) | 910lm/M<br>(280lm/ft.)     | 95lm/W                     | 8.33mm[0.33in]<br>1 LED/Unit | 13000*W5*H1mm<br>(L118*W0.2*H0.04in) |

## 2216 LED Ultra-Slim

| Part No.                      | LED Qty                 | Voltage | Power               | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment                     | Dimension<br>@IP20                   |
|-------------------------------|-------------------------|---------|---------------------|----------------------------|----------------------------|-------------------------------|--------------------------------------|
| GL-X2835XX-<br>24-CV-168-9162 | 168LED/M<br>(51LED/ft.) | 24VDC   | 8W/M<br>(2.44W/ft.) | 680lm/M<br>(210lm/ft.)     | 85lm/W                     | 5.95mm[0.23in.]<br>1 LED/Unit | 15000*W5*H1mm<br>(1197*W0.2*H0.04in) |

## Side-View Series

## FEATURE

- Side-View available, more appropriate for special case and application requiring wide beam angle lighting.
- 50,000h long lifespan.



### 3014 LED Side/Top-Side View

|                                                                                                               |                                                                                                               | Part No.                  | LED Qty                | Voltage | Power                 | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment         | Dimension<br>@IP20                      |
|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------|------------------------|---------|-----------------------|----------------------------|----------------------------|-------------------|-----------------------------------------|
|  Energy Efficiency Class |                                                                                                               | GL-X3014XX-12-CV-060-F453 | 60LED/M<br>(18LED/ft)  | 12VDC   | 4.8W/M<br>(1.46W/ft.) | 340lm/M<br>(104lm/ft.)     | 71lm/W                     | 50mm<br>(1.97in)  | L5000*W5*H1.5mm<br>(L197*W0.2*H0.06in)  |
|                                                                                                               |  Energy Efficiency Class | GL-X3014XX-24-CV-060-FB20 | 60LED/M<br>(18LED/ft)  | 24VDC   | 4.8W/M<br>(1.46W/ft.) | 340lm/M<br>(104lm/ft.)     | 71lm/W                     | 100mm<br>(3.94in) | L5000*W5*H1.5mm<br>(L197*W0.2*H0.06in)  |
|  Energy Efficiency Class |                                                                                                               | GL-X3014XX-12-CV-120-L795 | 120LED/M<br>(36LED/ft) | 12VDC   | 7.2W/M<br>(2.2W/ft.)  | 510lm/M<br>(155lm/ft.)     | 71lm/W                     | 25mm<br>(0.98in)  | L5000*W5*H1.5mm<br>(L197*W0.2*H0.06in)  |
|  Energy Efficiency Class |                                                                                                               | GL-X3014XX-24-CV-120-F408 | 120LED/M<br>(36LED/ft) | 24VDC   | 7.2W/M<br>(2.2W/ft.)  | 510lm/M<br>(155lm/ft.)     | 71lm/W                     | 50mm<br>(1.97in)  | L5000*W5*H1.5mm<br>(L197*W0.2*H0.06in)  |
|  Energy Efficiency Class |                                                                                                               | GL-X3014XX-24-CV-240-FB03 | 240LED/M<br>(73LED/ft) | 24VDC   | 12W/M<br>(3.66W/ft.)  | 1040lm/M<br>(317lm/ft.)    | 87lm/W                     | 25mm<br>(0.98in)  | L5000*W8*H1.5mm<br>(L197*W0.32*H0.06in) |

## 3014 LED Side/Top-Side View CCT

| Part No.                     | LED Qty                | Voltage | Power                | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment          | Dimension<br>@IP20                      |
|------------------------------|------------------------|---------|----------------------|----------------------------|----------------------------|--------------------|-----------------------------------------|
| GLX3014XX-<br>24-CV-144-9046 | 144LED/M<br>(44LED/ft) | 24VDC   | 12W/M<br>(3.66W/ft.) | 970lm/M<br>(296lm/ft.)     | 81lm/W                     | 83.3mm<br>(3.28in) | 15000*W8*H1.5mm<br>(L197*W0.32*H0.06in) |

### 3014 LED Side-Side View

|                                                                                       | Part No.                      | LED Qty                | Voltage | Power                  | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment        | Dimension<br>@IP20                      |
|---------------------------------------------------------------------------------------|-------------------------------|------------------------|---------|------------------------|----------------------------|----------------------------|------------------|-----------------------------------------|
|  | GL-X3014XX-<br>24-CV-240-FB03 | 240LED/M<br>(73LED/ft) | 24VDC   | 12W/M<br>(3.66W/ft.)   | 1040lm/M<br>(317lm/ft.)    | 87lm/W                     | 25mm<br>(0.98in) | L5000*W8*H1.5mm<br>(L197*W0.32*H0.06in) |
|  | GL-X3014XX-<br>24-CV-240-FB04 | 240LED/M<br>(73LED/ft) | 24VDC   | 19.2W/M<br>(5.85W/ft.) | 1530lm/M<br>(466lm/ft.)    | 80lm/W                     | 25mm<br>(0.98in) | L5000*W15*H1.5mm<br>(L197*W0.6*H0.06in) |

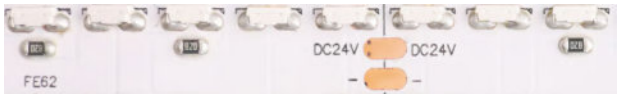
### 3014 LED Side-Top-Side View

| Part No.                     | LED Qty                | Voltage | Power                  | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment         | Dimension<br>@IP20                       |
|------------------------------|------------------------|---------|------------------------|----------------------------|----------------------------|-------------------|------------------------------------------|
| GLX3014XX-<br>24-CV-180-FR05 | 180LED/M<br>(55LED/ft) | 24VDC   | 14.4W/M<br>(4.39W/ft.) | 1150lm/M<br>(351lm/ft.)    | 80lm/W                     | 100mm<br>(3.94in) | L5000*W101*H1.5mm<br>(L197*W0.4*H0.06in) |

Side-View Series

FEATURE

- Side-View available, more appropriate for special case and application requiring wide beam angle lighting.
- 50,000h long lifespan.



4020 LED Side-View High-Efficacy



| Part No.                     | LED Qty                 | Voltage | Power                  | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment        | Dimension<br>@IP20                      |
|------------------------------|-------------------------|---------|------------------------|----------------------------|----------------------------|------------------|-----------------------------------------|
| GLX4020XX-<br>24-CV-140-FE62 | 140LED/M<br>(43LED/ft.) | 24VDC   | 14.4W/M<br>(4.39W/ft.) | 1580lm/M<br>(480lm/ft.)    | 110lm/W                    | 50mm<br>(1.97in) | L5000*W8*H2.3mm<br>(L197*W0.32*H0.09in) |

4020 LED Side-View High-Efficacy Short-Cutting



| Part No.                     | LED Qty                 | Voltage | Power                 | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment           | Dimension<br>@IP20                      |
|------------------------------|-------------------------|---------|-----------------------|----------------------------|----------------------------|---------------------|-----------------------------------------|
| GLX4020XX-<br>12-CV-120-LH72 | 120LED/M<br>(36LED/ft.) | 12VDC   | 9.6W/M<br>(2.93W/ft.) | 950lm/M<br>(290lm/ft.)     | 99lm/W                     | 8.33mm<br>(0.331in) | L5000*W8*H2.3mm<br>(L197*W0.32*H0.09in) |

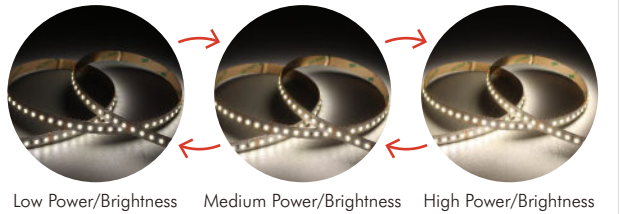
4020 LED Side-View SPI RGB (One LED per Pixel)

| Part No.                     | LED Qty                | Voltage | Power                 | Brightness            | Light Eff. | Increment           | Dimension<br>@IP20                     |
|------------------------------|------------------------|---------|-----------------------|-----------------------|------------|---------------------|----------------------------------------|
| GLX4020XX-<br>05-CV-060-9542 | 60LED/M<br>(18LED/ft.) | 5VDC    | 10.5W/M<br>(3.2W/ft.) | 280lm/M<br>(85lm/ft.) | 27lm/W     | 16.7mm<br>(0.661in) | L3000*W8*H2.6mm<br>(L118*W0.32*H0.1in) |

Multi-Power Series

FEATURE

- Multiple powers and brightness integrated in one strip via different wiring methods, by adopting a unique and innovative circuit design.
- All-in-one that can be used in places with different power and brightness requirements, serving multiple purposes and reducing the number of Stock Keeping Units (SKUs).



Low Power/Brightness Medium Power/Brightness High Power/Brightness



2835 LED 6-in-1 Switchable



| Part No.                     | LED Qty                 | Voltage | Power                | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment           | Dimension<br>@IP20                      |
|------------------------------|-------------------------|---------|----------------------|----------------------------|----------------------------|---------------------|-----------------------------------------|
| GLX2835XX-<br>24-CV-126-7075 | 126LED/M<br>(38LED/ft.) | 24VDC   | 3W/M<br>(0.91W/ft.)  | 420lm/M<br>(128lm/ft.)     | 140lm/W                    | 50.55mm<br>(2.19in) | L5000*W10*H1.5mm<br>(L197*W0.4*H0.06in) |
| GLX2835XX-<br>24-CV-126-7075 | 126LED/M<br>(38LED/ft.) | 24VDC   | 6W/M<br>(1.83W/ft.)  | 770lm/M<br>(235lm/ft.)     | 128lm/W                    | 50.55mm<br>(2.19in) | L5000*W10*H1.5mm<br>(L197*W0.4*H0.06in) |
| GLX2835XX-<br>24-CV-126-7075 | 126LED/M<br>(38LED/ft.) | 24VDC   | 9W/M<br>(2.74W/ft.)  | 1170lm/M<br>(357lm/ft.)    | 130lm/W                    | 50.55mm<br>(2.19in) | L5000*W10*H1.5mm<br>(L197*W0.4*H0.06in) |
| GLX2835XX-<br>24-CV-126-7075 | 126LED/M<br>(38LED/ft.) | 24VDC   | 12W/M<br>(3.66W/ft.) | 1480lm/M<br>(451lm/ft.)    | 129lm/W                    | 50.55mm<br>(2.19in) | L5000*W10*H1.5mm<br>(L197*W0.4*H0.06in) |
| GLX2835XX-<br>24-CV-126-7075 | 126LED/M<br>(38LED/ft.) | 24VDC   | 14W/M<br>(4.27W/ft.) | 1740lm/M<br>(530lm/ft.)    | 129lm/W                    | 50.55mm<br>(2.19in) | L5000*W10*H1.5mm<br>(L197*W0.4*H0.06in) |
| GLX2835XX-<br>24-CV-126-7075 | 126LED/M<br>(38LED/ft.) | 24VDC   | 16W/M<br>(4.88W/ft.) | 2000lm/M<br>(610lm/ft.)    | 126lm/W                    | 50.55mm<br>(2.19in) | L5000*W10*H1.5mm<br>(L197*W0.4*H0.06in) |

Connection



| Polarity Wire color | Positive +24v Brown | Negative X Green | Negative Y Red | Negative Z Blue | Power Watt/M |
|---------------------|---------------------|------------------|----------------|-----------------|--------------|
| Option 1            | ON                  | ON               |                |                 | 3W/M         |
| Option 2            | ON                  |                  | ON             |                 | 6W/M         |
| Option 3            | ON                  |                  |                | ON              | 9W/M         |
| Option 4            | ON                  | ON               | ON             |                 | 9W/M         |
| Option 5            | ON                  | ON               |                | ON              | 12W/M        |
| Option 6            | ON                  |                  | ON             | ON              | 14W/M        |
| Option 7            | ON                  | ON               | ON             | ON              | 16W/M        |

Multi-Power Series

FEATURE

- Multiple powers and brightness integrated in one strip via different wiring methods, by adopting a unique and innovative circuit design.
- All-in-one that can be used in places with different power and brightness requirements, serving multiple purposes and reducing the number of Stock Keeping Units (SKUs).



IP20IP54IP65IP67IP68IP54 PlusIP67 PlusDryDampWet

Ra≥80Ra≥90Ra≥953SDCM5SDCM12V24V120°5m/s2m/sPWM5Years

2700K6500K

CECBUL LISTED ENEC SAA RoHS LM-80 TM-21



2835 LED 3-in-1 Switchable High-Efficacy



|                           | Part No.                 | LED Qty                 | Voltage | Power                 | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment           | Dimension<br>@IP20                      |
|---------------------------|--------------------------|-------------------------|---------|-----------------------|----------------------------|----------------------------|---------------------|-----------------------------------------|
| D Energy Efficiency Class | GLX2835XX-24-CV-126-7276 | 126LED/M<br>(38LED/ft.) | 24VDC   | 3.6W/M<br>(1.1W/ft.)  | 550lm/M<br>(168lm/ft.)     | 159lm/W                    | 50.55mm<br>(2.19in) | 15000*W8*H1.5mm<br>(L197*W0.31*H0.06in) |
| D Energy Efficiency Class | GLX2835XX-24-CV-126-7276 | 126LED/M<br>(38LED/ft.) | 24VDC   | 7.2W/M<br>(2.2W/ft.)  | 1100lm/M<br>(335lm/ft.)    | 156lm/W                    | 50.55mm<br>(2.19in) | 15000*W8*H1.5mm<br>(L197*W0.31*H0.06in) |
| D Energy Efficiency Class | GLX2835XX-24-CV-126-7276 | 126LED/M<br>(38LED/ft.) | 24VDC   | 10.5W/M<br>(3.2W/ft.) | 1600lm/M<br>(487lm/ft.)    | 153lm/W                    | 50.55mm<br>(2.19in) | 15000*W8*H1.5mm<br>(L197*W0.31*H0.06in) |

2835 LED 3-in-1 Switchable High-Efficacy



|                           |                          |                         |       |                       |                         |         |                    |                                         |
|---------------------------|--------------------------|-------------------------|-------|-----------------------|-------------------------|---------|--------------------|-----------------------------------------|
| D Energy Efficiency Class | GLX2835XX-24-CV-168-7277 | 168LED/M<br>(51LED/ft.) | 24VDC | 3.6W/M<br>(1.1W/ft.)  | 570lm/M<br>(174lm/ft.)  | 158lm/W | 41.7mm<br>(1.64in) | 15000*W8*H1.5mm<br>(L197*W0.31*H0.06in) |
| D Energy Efficiency Class | GLX2835XX-24-CV-168-7277 | 168LED/M<br>(51LED/ft.) | 24VDC | 7.2W/M<br>(2.2W/ft.)  | 1130lm/M<br>(345lm/ft.) | 157lm/W | 41.7mm<br>(1.64in) | 15000*W8*H1.5mm<br>(L197*W0.31*H0.06in) |
| D Energy Efficiency Class | GLX2835XX-24-CV-168-7277 | 168LED/M<br>(51LED/ft.) | 24VDC | 10.5W/M<br>(3.2W/ft.) | 1600lm/M<br>(487lm/ft.) | 156lm/W | 41.7mm<br>(1.64in) | 15000*W8*H1.5mm<br>(L197*W0.31*H0.06in) |

2835 LED 3-in-1 Switchable Short-Cutting



|                           |                          |                         |       |                       |                         |         |                    |                                         |
|---------------------------|--------------------------|-------------------------|-------|-----------------------|-------------------------|---------|--------------------|-----------------------------------------|
| F Energy Efficiency Class | GLX2835XX-24-CV-140-7278 | 140LED/M<br>(43LED/ft.) | 24VDC | 4.8W/M<br>(1.46W/ft.) | 560lm/M<br>(170lm/ft.)  | 117lm/W | 14.3mm<br>(0.56in) | 15000*W8*H1.5mm<br>(L197*W0.31*H0.06in) |
| F Energy Efficiency Class | GLX2835XX-24-CV-140-7278 | 140LED/M<br>(43LED/ft.) | 24VDC | 9.6W/M<br>(2.93W/ft.) | 1090lm/M<br>(332lm/ft.) | 114lm/W | 14.3mm<br>(0.56in) | 15000*W8*H1.5mm<br>(L197*W0.31*H0.06in) |
| F Energy Efficiency Class | GLX2835XX-24-CV-140-7278 | 140LED/M<br>(43LED/ft.) | 24VDC | 14W/M<br>(4.27W/ft.)  | 1560lm/M<br>(476lm/ft.) | 112lm/W | 14.3mm<br>(0.56in) | 15000*W8*H1.5mm<br>(L197*W0.31*H0.06in) |

2216 LED 3-in-1 Switchable CCT



|                           | Part No.                 | LED Qty                 | Voltage | Power                  | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment        | Dimension<br>@IP20                      |
|---------------------------|--------------------------|-------------------------|---------|------------------------|----------------------------|----------------------------|------------------|-----------------------------------------|
| F Energy Efficiency Class | GLX2216XX-24-CV-280-7283 | 280LED/M<br>(85LED/ft.) | 24VDC   | 4.8W/M<br>(1.46W/ft.)  | 570lm/M<br>(174lm/ft.)     | 118lm/W                    | 50mm<br>(1.97in) | 15000*W10*H1.2mm<br>(L197*W0.4*H0.05in) |
| F Energy Efficiency Class | GLX2216XX-24-CV-280-7283 | 280LED/M<br>(85LED/ft.) | 24VDC   | 9.6W/M<br>(2.93W/ft.)  | 1080lm/M<br>(329lm/ft.)    | 115lm/W                    | 50mm<br>(1.97in) | 15000*W10*H1.2mm<br>(L197*W0.4*H0.05in) |
| F Energy Efficiency Class | GLX2216XX-24-CV-280-7283 | 280LED/M<br>(85LED/ft.) | 24VDC   | 13.5W/M<br>(4.12W/ft.) | 1490lm/M<br>(454lm/ft.)    | 112lm/W                    | 50mm<br>(1.97in) | 15000*W10*H1.2mm<br>(L197*W0.4*H0.05in) |

Food Lighting Series

FEATURE

- Food Lighting Series adopting LED in specific CCT and color for different kinds of foods, like red meat(bacon), fresh meat(beef/pork), bakery(bread/cake), cheese/pasta, fruit, fresh vegetable, seafood/dairy(fresh/milk), to look more attractive.
- 50,000h long lifespan.



IP20IP54IP65IP67IP68IP54 PlusIP67 PlusDryDampWet

Ra≥80Ra≥90Ra≥973SDCM5SDCM12V24V120°5m/s2m/sPWM5Years

2400K6500K

CECBUL LISTED ENEC SAA RoHS LM-80 TM-21



2835 LED (Other quantities of LEDs can also be made)

| Part No.                  | LED Qty                                          | Voltage | Power                  | Brightness                                                    | Light Eff. | Increment         | Dimension<br>@IP20                    |
|---------------------------|--------------------------------------------------|---------|------------------------|---------------------------------------------------------------|------------|-------------------|---------------------------------------|
| G Energy Efficiency Class | GLX2835XX-24-140LED/M<br>CV-140-ID36 (42LED/ft.) | 24VDC   | 14.4W/M<br>(4.39W/ft.) | 1200lm/M (365lm/ft.)<br>@red meat&1800K&CRI80                 | 83lm/W     |                   |                                       |
|                           |                                                  |         |                        | 1200lm/M (365lm/ft.)<br>@fresh meat&3100K&CRI80               | 83lm/W     |                   |                                       |
|                           |                                                  |         |                        | 1130lm/M (340lm/ft.)<br>@pastry&2400K&Full-Spectrum           | 78lm/W     |                   |                                       |
|                           |                                                  |         |                        | 1190lm/M (360lm/ft.)<br>@cheese/pasta&2700K& Full-Spectrum    | 83lm/W     | 50mm<br>(1.97in.) | 15000*W10*H1mm<br>(L197*W0.4*H0.04in) |
|                           |                                                  |         |                        | 1190lm/M (360lm/ft.)<br>@fruit/vegetable&3000K& Full-Spectrum | 83lm/W     |                   |                                       |
|                           |                                                  |         |                        | 1250lm/M (380lm/ft.)<br>@green vegetable&5000K& Full-Spectrum | 78lm/W     |                   |                                       |
|                           |                                                  |         |                        | 1380lm/M (420lm/ft.)<br>@seafood&7500K&CRI90                  | 96lm/W     |                   |                                       |

APPLICATION



# Wildlife Friendly Lighting Series

## FEATURE

- Adopting long wavelength of LED complying with the FWC sea turtle lighting guidelines.
- High efficiency for energy saving with popular PCB width.
- Wildlife-friendly turtle-safe linear lighting for the beachfront property and coastline.



Yellow/Amber/Red



## 2835 LED Wildlife-Friendly Turtle-Safe



| Part No.                                       | LED Qty                 | Voltage | Power                  | Brightness             | Light Eff. | Increment         | Dimension<br>@IP68                    |
|------------------------------------------------|-------------------------|---------|------------------------|------------------------|------------|-------------------|---------------------------------------|
| GLX2835XX-<br>24-CV-140-ID36<br>(Yellow/Amber) | 140LED/M<br>(42LED/ft.) | 24VDC   | 14.4W/M<br>(4.39W/ft.) | 430lm/M<br>(131lm/ft.) | 30lm/W     | 50mm<br>(1.97in.) | L5000*W10*H1mm<br>(L197*W0.4*H0.04in) |
| GLX2835XX-<br>24-CV-140-ID36<br>(Red)          | 140LED/M<br>(42LED/ft.) | 24VDC   | 14.4W/M<br>(4.39W/ft.) | 760lm/M<br>(232lm/ft.) | 53lm/W     | 50mm<br>(1.97in.) | L5000*W10*H1mm<br>(L197*W0.4*H0.04in) |

## Five Lighting Principles for Responsible Outdoor Lighting



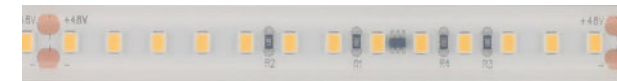
## Responsible outdoor lighting is

- |   |                     |                                                                                                                                                                                                                |
|---|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | <b>Useful</b>       | <b>Use light only if it is needed</b><br>All light should have a clear purpose. Consider how the use of light will impact the area, including wildlife and their habitats.                                     |
| 2 | <b>Targeted</b>     | <b>Direct light so it falls only where it is needed</b><br>Use shielding and careful aiming to target the direction of the light beam so that it points downward and does not spill beyond where it is needed. |
| 3 | <b>Low Level</b>    | <b>Light should be no brighter than necessary</b><br>Use the lowest light level required. Be mindful of surface conditions, as some surfaces may reflect more light into the night sky than intended.          |
| 4 | <b>Controlled</b>   | <b>Use light only when it is needed</b><br>Use controls such as timers or motion detectors to ensure that light is available when it is needed, dimmed when possible, and turned off when not needed.          |
| 5 | <b>Warm-colored</b> | <b>Use warmer color lights where possible</b><br>Limit the amount of shorter wavelength (blue-violet) light to the least amount needed.                                                                        |

## High Temperature Resistant Series

## FEATURE

- Ensuring reliable operation in the extreme temperatures up to 60°C [140°F].
- Delivering homogeneous illumination across 25M[82ft.] run length.
- Engineered with a multi-layer FPC for low voltage drop coefficient, enhanced conductivity, and optimized heat dissipation.
- Minimizing breakage risks using reinforced FPC offers exceptional bend & pull resistance.



## 2835 LED High Temperature Resistant Ta=60°C Ultra-Long



|                                  | Part No.                  | LED Qty                 | Voltage | Power                 | Brightness              | Light Eff. | Increment          | Dimension<br>@IP67                      |
|----------------------------------|---------------------------|-------------------------|---------|-----------------------|-------------------------|------------|--------------------|-----------------------------------------|
| <b>F</b> Energy Efficiency Class | GL-H2835XX-48-CV-130-7108 | 130LED/M<br>(40LED/ft.) | 48VDC   | 9.6W/M<br>(2.93W/ft.) | 1050lm/M<br>(320lm/ft.) | 109lm/W    | 100mm<br>(3.94in.) | 125000*W12*H6mm<br>(1984*W0.47*H0.24in) |

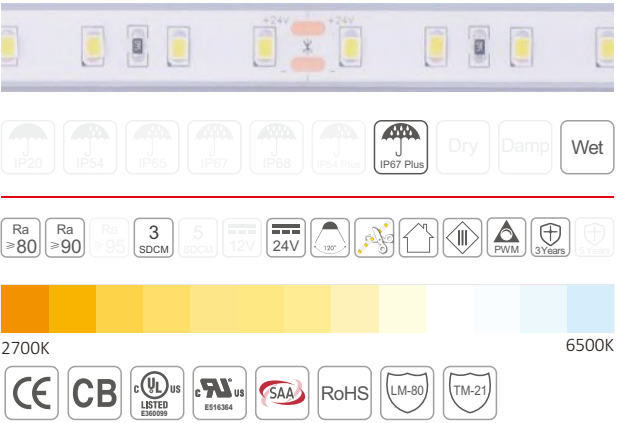
## APPLICATION



Sauna-Snow Room Series

FEATURE

- High waterproof rating in IP67 with full-seal structure.
- Ultra low working temperature rise with high-efficacy design and low driving current using high power LED.
- Prevent the feeling of extreme hot and cold during human contact.
- Indirect lighting solution ideal for high-temperature sauna/steam room (Max. 125°C) and low-temperature snow/ice room (Min. -25°C) of SPA and wellness.



2835 LED Ta=80°C

|                           | Part No.                 | LED Qty                | Voltage | Power                 | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment          | Dimension<br>@IP67                      |
|---------------------------|--------------------------|------------------------|---------|-----------------------|----------------------------|----------------------------|--------------------|-----------------------------------------|
| E Energy Efficiency Class | GLH2835XX-24-CV-080-FD39 | 80LED/M<br>(24LED/ft.) | 24VDC   | 4.8W/M<br>(1.46W/ft.) | 570lm/M<br>(170lm/ft.)     | 120lm/W                    | 100mm<br>(3.94in.) | L5000*W12*H5mm<br>(L197*W0.48*H0.0.2in) |

2835 LED Temperature-Inductive Ta=100°C

|                           | Part No.               | LED Qty                 | Voltage | Power                 | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment          | Dimension<br>@IP20                    |
|---------------------------|------------------------|-------------------------|---------|-----------------------|----------------------------|----------------------------|--------------------|---------------------------------------|
| F Energy Efficiency Class | GLH2835-24-CV-126-FK76 | 126LED/M<br>(38LED/ft.) | 24VDC   | 9.6W/M<br>(2.93W/ft.) | 1100lm/M<br>(335lm/ft.)    | 115lm/W                    | 55.6mm<br>(2.19in) | L5000*W10*H5mm<br>(L197*W0.39*H0.2in) |

2835 LED Dual-Colors Pro Ta=100°C

|                           | Part No.                             | LED Qty                 | Voltage | Power                 | Brightness<br>@3000K&CRI90 | Light Eff.<br>@3000K&CRI90 | Increment         | Dimension<br>@IP67                        |
|---------------------------|--------------------------------------|-------------------------|---------|-----------------------|----------------------------|----------------------------|-------------------|-------------------------------------------|
| G Energy Efficiency Class | NS-108<br>(GLH2835XX-24-CV-120-4311) | 120LED/M<br>(36LED/ft.) | 24VDC   | 9.6W/M<br>(2.93W/ft.) | 850lm/M<br>(260lm/ft.)     | 89lm/W                     | 50mm<br>(1.97in.) | L10000*W16.5*H7mm<br>(L394*W0.65*H0.28in) |

COB Premium White Ta=125°C 

|                           | Part No.                 | LED Qty                    | Voltage | Power               | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment         | Dimension<br>@IP67                       |
|---------------------------|--------------------------|----------------------------|---------|---------------------|----------------------------|----------------------------|-------------------|------------------------------------------|
| F Energy Efficiency Class | GLHFCOBXX-24-CV-480-9970 | 480CHIP/M<br>(146CHIP/ft.) | 24VDC   | 8W/M<br>(2.44W/ft.) | 800lm/M<br>(244lm/ft.)     | 100lm/W                    | 50mm<br>(1.97in.) | L5000*W12*H5.5mm<br>(L197*W0.47*H0.22in) |

COB Premium RGBW Ta=125°C 

|                           | Part No.                 | LED Qty                    | Voltage | Power                 | Brightness<br>@4000K&CRI90 | Light Eff.<br>@4000K&CRI90 | Increment           | Dimension<br>@IP67                       |
|---------------------------|--------------------------|----------------------------|---------|-----------------------|----------------------------|----------------------------|---------------------|------------------------------------------|
| G Energy Efficiency Class | GLHFCOBXX-24-CV-840-9480 | 840CHIP/M<br>(256CHIP/ft.) | 24VDC   | 9.6W/M<br>(2.93W/ft.) | 540lm/M<br>(165lm/ft.)     | 56lm/W                     | 33.3mm<br>(1.31in.) | L5000*W12*H5.5mm<br>(L197*W0.47*H0.22in) |

