



Lighting LEDs

EMC LED Series

The EVERLIGHT XI3030 1W 6V is a compact size and high lumen design concept and is featured to cluster in arrays for high lumen density. It is also adaptable for high lifetime directional lamps.

XI3030 (1W 6V)



Dimension	3,0 x 3,0 x 0,63 mm
Power Consumption	1W 6V
Color Temperature	2700K-6500K
Efficiency	155 lm/W(WW) / 160 lm/W(CW)
Lumens Output	143 lm(WW) / 158 lm(CW)
CRI	>80
Application	Downlight / Bay / Linear Fixture

The EVERLIGHT XI3030 0,2W 3V is featured for its compact size and high efficiency, which make it a real energy saver for tube and panel light applications.

XI3030 High Efficiency (0,2W 3V)



Dimension	3,0 x 3,0 x 0,63 mm
Power Consumption	0,2W 3V
Color Temperature	2700K-6500K
Efficiency	215 lm/W(WW) / 225 lm/W(CW)
Lumens Output	37 lm(WW) / 39 lm(CW)
CRI	>80
Application	Tube / Panel / Linear Fixture

High Power LED Series

The EVERLIGHT ShwoF series is a surface mount LED with high power and high brightness advantages that make it widely applicable to many kinds of outdoor general lighting products such as flash, spot, signal, industrial and commercial lighting.

ShwoF (1-5W 3V)



Dimension	3,5 x 3,5 x 2,36 mm
Power Consumption	2W 3V
Color Temperature	2700K-6500K
Efficiency	166 lm/W(WW) / 174 lm/W(CW)
Lumens Output	325 lm(WW) / 341 lm(CW)
CRI	>70
Application	Spotlight / Streetlight / Bay

XI5050 Series

The newly released XI5050EE and XI5050U series are primarily developed for applications in streetlights, floodlights, and high-ceiling lights. We have made great efforts to achieve industry-leading standards in terms of quality and performance. Among them, the XI5050EE series has even reached an efficiency of 213lm/W at an operating current of 180mA.

XI5050 (6V)



Dimension	5,0x5,0x0,7mm		
Color Temperature	2700K-6500K		
Power Consumption	1W 6V	4W 6V	5W 6V
Operating Current	180mA	640mA	750mA
Efficiency	190 lm/W(WW) / 213lm/W(CW)	190 lm/W(WW) / 195 lm/W(CW)	182 lm/W(WW) / 189lm/W(CW)
Lumens Output	205 lm(WW) / 230lm(CW)	730 lm(WW) / 750lm(CW)	820 lm(WW) / 850lm(CW)
CRI	>70		
Application	Street Light, Flood Light, High Bay Lamp		

XI5050 (24V)



Dimension	5,0x5,0x0,7mm		
Color Temperature	2700K-6500K		
Power Consumption	4W 24V		
Operating Current	180mA		
Efficiency	190 lm/W(WW) / 200lm/W (CW)		
Lumens Output	730 lm(WW) / 770lm(CW)		
CRI	>70		
Application	Street Light, Flood Light, High Bay Lamp		

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Your source of information: enter www.everlight.com for all advanced EVERLIGHT electronic products and updated specifications. Structure and material depend on customer request.

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UVC Series

The UVC3535 Quartz Glass and UVC6868 product series is a ceramic based LED with high quality and reliability that suitable for UV application.

UVC 3535 Quartz Glass (0,7W 7V)

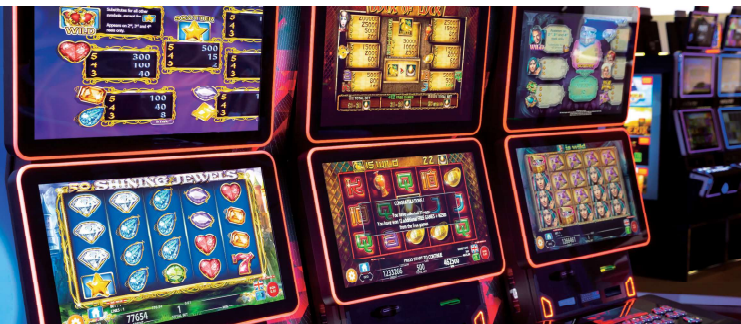


Dimension	3,5mm*3,5mm*0,6mm
Dominant Wavelength	270-285nm
Power Consumption	0,7W 7V
Operating Current	100mA
Radiant Flux	8-15mW
Applications	UV Sterilization

UVC 6868 100mW (3,6W 13V)



Dimension	6,8*6,8*3,63mm
Dominant Wavelength	270-285nm
Power Consumption	3,6W 13,0V
Operating Current	300mA
Radiant Flux	80-160mW
Applications	UV Sterilization



RGB/ RGB+IC Series

3528 RGB+IC



Dimension	3,5*2,8*1,8mm
Dominant Wavelength	R : 617,5-629,5nm/ G : 515-530nm/ B : 465-475nm
Power Consumption	0,06W 5V
Operating Current	12mA
Lumens Output	R : 280-710mcd/ G : 710-1800mcd/ B : 180-450mcd
Color	RGB
Applications	Amusement equipment Information boards Gaming machine

5450 RGBW+IC



Dimension	5,4*5,0*1,6mm
Dominant Wavelength/CCT	R : 617,5-629,5nm/ G : 515-530nm/ B : 465-475nm/ W : 4000K
Power Consumption	0,08W 5V
Operating Current	R/G/B : 8mA/ W : 16,5mA
Lumens Output	R : 180-450mcd/ G : 450-1120mcd/ B : 112-280mcd/ W : 1800-3950mcd
Color	RGBW
Applications	Amusement equipment Information boards Gaming machine

2835 RGB

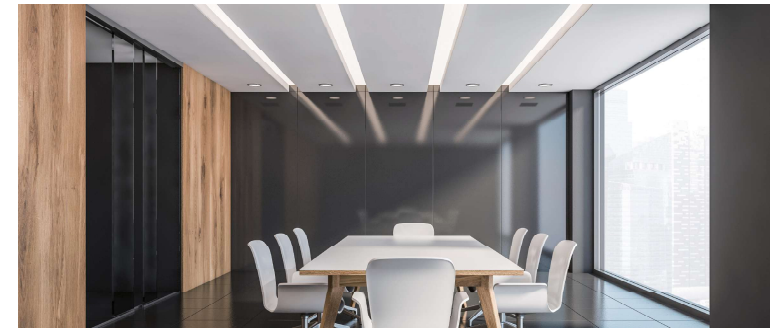


Dimension	3,5*2,8*0,8mm
Dominant Wavelength	R : 625nm/ G : 525nm/ B : 457nm
Power Consumption	0,06W R : 2V/ G : 3V/ B : 3V
Operating Current	20mA
Lumens Output	R : 710-1070mcd/ G : 1400-2020mcd/ B : 224-318mcd
Color	RGB
Applications	Photography lighting General Lighting Smart Lamp Application Architectural Lighting Street Lamps Other Lighting

5050 RGBW



Dimension	5,0*5,4*1,6mm
Dominant Wavelength/CCT	R : 619-629nm/ G : 520-535nm/ B : 480-475nm/ W : 5700K
Power Consumption	0,5W R : 2V/ G : 3V/ B : 3V/ W : 3V
Operating Current	100mA
Lumens Output	R : 800mcd/ G : 1100mcd B : 3000mcd/ W : 10000mcd
Color	RGBW
Applications	General lighting Decorative and Entertainment Lighting Indicators Illumination Switch lights



Low-Mid Power High Efficiency LED Series

The EVERLIGHT high efficiency 2835 is an upgrade from standard 2835 package. With a heat slug and compact design, this LED can be over driven while maintaining its high efficiency and energy savings and turn this white LED device into a top solution for any general lighting.

2835 High Efficiency (0,2W 3V) (0,5W 3V)



Dimension	2,8 x 3,5 x 0,7 mm	
Power Consumption	0,2W 3V	0,5W 3V
CCT	2700K-6500K	
Efficiency	183 lm/W(WW) 212 lm/W(CW)	184 lm/W(WW) 202 lm/W(CW)
Lumens Output	31 lm(WW) / 40 lm(CW)	83 lm(WW) / 91 lm(CW)
CRI	>80	
Application	Troffer/ Tube/ Linear Fixture	

Low-Mid Power High Voltage LED Series

The latest EVERLIGHT 2835 High Voltage series LED. The perfect LED for Driver on Board (DOB) design and Linear driver. Experience the cost reduction solution with EVERLIGHT High Voltage LED.

NEW 2835 (1W 9V) (1W 18V) (1W 36V) (1W 54V)



Dimension	2,8 x 3,5 x 0,7 mm	
Power Consumption	1W 9V	1W 18V
Color Temperature	2700K-6500K	
Efficiency	173 lm/W(WW) 193 lm/W(CW)	155 lm/W(WW) 166 lm/W(CW)
Lumens Output	155 lm(WW) 170 lm(CW)	135 lm(WW) 145 lm(CW)
CRI	>80	
Application	Down Light / Outdoor / Fixture	

Dimension	2,8 x 3,5 x 0,7 mm	
Power Consumption	1W 36V	1W 54V
Color Temperature	2700K-6500K	
Efficiency	189 lm/W(WW) 216 lm/W(CW)	163 lm/W(WW) 179 lm/W(CW)
Lumens Output	175 lm(WW) 190 lm(CW)	145 lm(WW) 160 lm(CW)
CRI	>80	
Application	Down Light / Outdoor / Fixture	

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