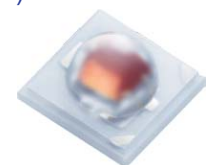




High Power Color LED Series

The EVERLIGHT Color LED Series uses much better optoelectronic conversion efficiency monochromatic chip. Package with low thermal resistance and good heat dissipation to become the best solution of commercial and outdoor colorful lighting.

EVL-Shwo(EU) (1-3W)



Dimension	3.5 x 3.5 x 2.03 mm ³					
Power consumption	1-3W					
Color	Deep Red	Far Red	Red	Orange	Green	Royal Blue
WLP(nm)	645-675	715-745	620-630	610-620	520-535	445-460
Luminous Flux or LOP	440 mW	250 mW	70 lm	85 lm	110 lm	600 mW
Forward Voltage(V)	1.75-2.75V	1.75-2.75V	1.75-2.75V	1.75-2.75V	2.65-3.85V	2.65-3.85V
Forward Current	350 mA					
Application	Stage Lamp					

The EVL-2835(EU) high CRI series has the advantage of CRI>90 and complete wattages for selection. The product is a top solution for professional and commercial lighting applications.

EVL-2835(EU) High CRI (0.2W/0.5W/1W)



Dimension	2.8 x 3.5 x 0.7 mm ³			
Power Consumption	0.2W (3V)	0.5W (3V)	0.5W (6V)	1W (6V)
CCT	2700K-6500K			
Efficiency	120 lm/W(WW) 130 lm/W(CW)	120 lm/W(WW) 130 lm/W(CW)	105 lm/W(WW) 115 lm/W(CW)	115 lm/W(WW) 125 lm/W(CW)
Lumens Output	23 lm(WW) 25 lm(CW)	58 lm(WW) 63 lm(CW)	53 lm(WW) 58 lm(CW)	110 lm(WW) 120 lm(CW)
CRI	>90			
Application	Tube / Linear Fixture			



EMC LED Series

The EVL-XI3030(EU) is a new package with a compact size and high lumen design concept. It is one of EVERLIGHT's new 1W packages that can be clustered in small arrays for high lumen density applications, paired with individual optics for directional lamps, or spread out evenly on a board for diffused applications. It is a very adaptable LED for multiple high lifetime applications.

EVL-XI3030(EU) (1W)



Dimension	3.0 x 3.0 x 0.63 mm ³
Power Consumption	1W
Color Temperature	2700K-6500K
Efficiency	135 lm/W(WW) / 145 lm/W(CW)
Lumens Output	135 lm(WW) / 145 lm(CW)
CRI	>80
Application	Downlight / Bay / Linear Fixture

The EVL-XI5050(EU) series possesses superior efficiency and easy assembly with SMT process. Regarding to the performance of the package, EVL-XI5050(EU) can be the best substitution of COBs while lowering the system cost in lighting applications.

EVL-XI5050(EU) (5W)



Dimension	5.0 x 5.0 x 0.7 mm ³
Power Consumption	5W
Color Temperature	2700K-6500K
Efficiency	125 lm/W(WW)-140 lm/W(CW)
Lumens Output	595 lm(WW)-645 lm(CW)
CRI	>80
Application	Bulbs

The EVL-XI9595(EU) series possesses superior efficiency and easy assembly with SMT process. Regarding to the performance of the package, EVL-XI9595(EU) can be the best substitution of COBs while lowering the system cost in lighting applications. Another feature of this product is that a single EVL-XI9595(EU) can be applied in diffused applications to achieve a simple high lumen design.

EVL-XI9595(EU) (8W)



Dimension	9.5 x 9.5 x 0.8 mm ³
Power Consumption	8W
Color Temperature	2700K-6500K
Efficiency	130 lm/W(WW)-145 lm/W(CW)
Lumens Output	990 lm(WW)-1090 lm(CW)
CRI	>80
Application	Directional Lamp / Spotlight / Diffused Apps

RGBW Series

The debut 4-in-1 RGBW series (size: 6.0x6.0x4.0mm) is functioned with the wavelength range 450-650nm, the overall color mixing fields of red, green, blue and white colors. The overall Color Mixing Fields are Exactly the Preferable Choice for Stage Lights.

EVL-RGBW(EU) (8W)



Dimension	6.0 x 6.0 x 4.0 mm ³			
Color	Red	Green	Royal Blue	Cool White
WLD(nm) & CCT	620-630	520-530	450-460	6500K
Typ. Lm& mW	100 lm	200 lm	1100 mW	210 lm
Current(mA)	700	700	700	700
Voltage(V)	2.65	3.20	3.20	3.25

The EVL-3030(EU) high efficiency series is a high efficiency LED from EVERLIGHT. It is a very adaptable LED for multiple high lifetime applications.

EVL-3030(EU) High Efficiency (0.2W)

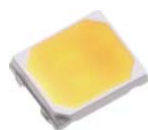


Dimension	3.0 x 3.0 x 0.63 mm ³			
Power Consumption	0.2W			
Color Temperature	2700K-6500K			
Efficiency	180 lm/W(WW)-205 lm/W(CW)			
Lumens Output	35 lm(WW)-38 lm(CW)			
CRI	>80			
Application	Downlight / Bay / Linear Fixture			

Low Middle Power LED Series

The EVL-2835(EU) series is an upgrade from standard 3528 packages. With a newly designed heat slug and compact design, this LED can be over driven while maintaining its compact size, high efficiency, and cost effectiveness. The superior product characteristics turn this white LED device into a real cost and energy saver and is a top solution for any general lighting application.

EVL-2835(EU) (0.2W/0.5W/1W)



Dimension	2.8 x 3.5 x 0.7 mm ³		
Power Consumption	0.2W (3V)	0.5W (3V)	1W (6V)
CCT	2700K-6500K		
Efficiency	143 lm/W(WW) 151 lm/W(CW)	151 lm/W(WW) 161 lm/W(CW)	135 lm/W(WW) 145 lm/W(CW)
Lumens Output	27 lm(WW) 29 lm(CW)	73 lm(WW) 78 lm(CW)	135 lm(WW) 145 lm(CW)
CRI	>80		
Application	Tube / Linear Fixture		Downlight / Bay / Linear Fixture

The latest EVL-5630(EU) High Efficiency (0.2W) series LED is a ultra high efficiency LED from EVERLIGHT. It provides an optimal solution to achieve 150lm/W tube applications and is a preferred LED for many other applications.

EVL-5630(EU) High Efficiency (0.2-0.5W)



Dimension	5.6 x 3.0 x 0.65 mm ³		
Power Consumption	0.2W (up to 0.5W)		
Color Temperature	2700K-6500K		
Efficiency	205 lm/W(WW)-220 lm/W(CW)		
Lumens Output	38 lm(WW)-41 lm(CW)		
CRI	>80		
Application	Tube / Panel / Linear Fixture / Downlight		

High Power LED Series

The EVL-3535(EU) series is EVERLIGHT's newest surface mount high-power device featuring high brightness combined with a compact size that is suitable for all kinds of lighting applications such as general illumination, flash, spot, signal, industrial and commercial lighting. The EVL-3535(EU) series is one of the most promising devices in EVERLIGHT's high power product offering and is ready to face the challenges of today's Solid-State Lighting requirements.

EVL-3535(EU) (1-5W)



Dimension	3.5 x 3.5 x 2.36 mm ³
Power Consumption	1-5W
Color Temperature	2700K-6500K
Efficiency	142 lm/W(WW)-167 lm/W(CW)
Lumens Output	147 lm(WW)-177 lm(CW)
CRI	>80 / >70
Application	Spotlight / Streetlight / Bay

EVERLIGHT took linear power into consideration to develop EVL-2835(EU) HV series. It can offer excellent performance and flexible use to customers.

EVL-2835(EU) High Voltage (0.5W/1W)



Dimension	2.8 x 3.5 x 0.7 mm ³			
Power consumption	0.5W	0.5W	1W	1W
Vf	9	18	9	18
CCT	2700K-6500K			
Efficiency	145lm/W(WW) 155lm/W(CW)	145lm/W(WW) 155lm/W(CW)	127lm/W(WW) 137lm/W(CW)	120lm/W(WW) 130lm/W(CW)
Lumens Output	68lm(WW) 73lm(CW)	68lm(WW) 73lm(CW)	120lm(WW) 130lm(CW)	115lm(WW) 125lm(CW)
CRI	>80			
Application	Tube/Linear Fixture			

LED Filament Series

The EVERLIGHT Filament series has the advantage of high efficiency with low cost. It also has 360°C viewing angle. The product is a top solution for general lighting applications.

Product Name	Product Photo	Dimension	Power Consumption	Color Temperature	Efficiency	Lumen Output	CRI	Application
EVL-JHU(EU) Series		Total Length (including pins): 36mm Diameter: 1.5mm	1.1W	2400K	136	149	82	Bulbs Candle light
				2700K	142	155	82	
				5000K	162	177	82	

CHI Series Color Choice[®]

This specialty COB from Everlight is a color changing COB LED for the indoor retail and residential lighting industry. It consists of two foundational color temperatures of 2700K and 5700K that can be thoroughly mixed to achieve all ANSI color temperatures up to 5700K CCT. All mixture points achieve >100lm/W and >80Ra. This COB is ideal for setting the proper lighting environment.

Product name	Picture	Dimension	Power consumption	Voltage	CCT	Efficiency	Typ. Lumen output	CRI
EVL-CHI2024-12609(EU) EVL-CHI2024-24609(EU)		20x24x2.3 mm ³	9W	12V & 24V	2700K-4000K-5700K	139-140-136 lm/W	1250-1270-1220 lm	80
						128-129-125 lm/W	1150-1160-1125 lm	90
EVL-CHI3030-27E19(EU)		30x30x2.3 mm ³	19W	27V	2700K-4000K-5700K	126-145-141 lm/W	2400-2700-2680 lm	80
						116-134-130 lm/W	2200-2550-2470 lm	90
						125-137-134 lm/W	3600-4000-3900 lm	80
EVL-CHI3030-27L29(EU)		30x30x2.3 mm ³	29W	27V	2700K-4000K-5700K	116-126-124 lm/W	3350-3650-3600 lm	90

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