



# MORE LIGHT FOR ALL

Wide Range for Most Demands

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## XI LED Series

### XI LED OF INNOVATION

The new EVERLIGHT XI3030 series LED provides a very warm color temperature that replicates the warm color temperature of traditional incandescent or halogen lighting. This LED can be used to create natural warm white lighting environments.

亿光LED3030系列开发出超温暖的色温，能营造如同钨丝灯般的情境氛围。

#### XI3030 Ultra WW Series (1W)



熠



Dimension	3.0 x 3.0 x 0.63 mm
Power Consumption	1W
Color Temperature	2200K-2400K
Efficiency	85
Lumens Output	82 lm
CRI	>80
Application	Bulbs / Candle light

The new EVERLIGHT XI3030 series LED provides a high voltage solution that can simplify and improve the efficiency of an entire driver design resulting in cost savings for the total system.

亿光LED3030系列的新成员，轻易的组成高电压LED模块，搭配特定线性电源，能有效的降低系统成本，是经济型灯具的首选。

#### XI3030 HV Series (1W)



熠



Dimension	3.0 x 3.0 x 0.63 mm
Power Consumption	1W
Voltage	36V / 48V
Color Temperature	2700K-6500K
Efficiency	104 lm/W(WW) / 109 lm/W(CW)
Lumens Output	100 lm(WW) / 105 lm(CW)
CRI	>80 / >80
Application	Bulbs

The EVERLIGHT XI3030 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 applications.

亿光LED3030尺寸虽小，却可以提供高流明输出。它是亿光最新1W的封装产品，可提供高密度的亮度输出，适用于射灯各自搭配独立的光学透镜或用扩散灯罩。在很多应用中皆非常适合。

#### XI3030 Series (1W)

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Dimension	3.0 x 3.0 x 0.63 mm
Power Consumption	1W
Color Temperature	2700K-6500K
Efficiency	104 lm/W(WW) / 109 lm/W(CW)
Lumens Output	100 lm(WW) / 105 lm(CW)
CRI	>80 / >80
Application	Bulbs

The EVERLIGHT XI3535 is a new package design concept to balance size, lumen output, and reliability. Its form factor and competitive lm/\$ allows this package to replace existing 1W LEDs on the market as well as provide a solution to reduce number of LEDs in a diffused application.

亿光LED3535组件兼顾了尺寸、亮度以及信赖性。它的尺寸和lm/\$性价比允许其取代市场上现有的高功率1W LEDs，提供一种降低颗数的作法适用于扩散灯罩的应用。

#### XI3535 Series (1W)

熠



Dimension	3.5 X 3.5 x 0.65 mm
Power Consumption	1W
Color Temperature	2700K-6500K
Efficiency	99 lm/W(WW) / 115 lm/W(CW)
Lumens Output	95 lm(WW) / 110 lm(CW)
CRI	>80 / >80
Application	Bulbs

## High Power LED Series

### HIGH POWER OF INNOVATION

The Shwo(N) 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 Shwo(N) 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.

“烁N系列”是一款最新高亮度、低热阻、小尺寸的高功率封装组件。此一列优势在于提供高照度的高功率LED，是聚光型照明应用光源最佳的选择。

#### Shwo(N) Series (1-3W)



烁



Dimension	3.5 x 3.5 x 2.36 mm
Power Consumption	1W
Color Temperature	2700K-6500K
Efficiency	125 lm/W(WW) / 150 lm/W(CW)
Lumens Output	130 lm(WW) / 160 lm(CW)
CRI	>80 / >70
Application	Directional Lamp

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# JU Series

The EVERLIGHT COB LED series achieves superior efficiency and high CRI. COBs can be mounted directly on heat sink eliminating the SMT process. With a concentrated light emission area, low resistance and low current density for better heat dissipation, ease of assembly, and lowering of the system cost in lighting applications, the EVERLIGHT COB series is an ideal LED for Directional lamps and luminaires, Decorative lamps, Down lights, and more.

亿光的COB封装具有高效率和高CRI的优点，在技术表现上COB系列可以直接锁在散热模块上，进而省下SMT的步骤。大发光面积、低电阻及低电流密度提供更多的散热空间，更容易组装在灯具上，创造出更低的成本结构。

Product Name	Product Photo	Dimension	Power Consumption	Color Temperature	Efficiency	Lumen Output	CRI	Application
JU1215(90)		12 x 15 x 1.0 mm LES : 5.5 mm	3-5W	2700K-6500K	97 lm/W(WW)	350 - 600 lm(WW)	>80	Spotlight Downlight
					116 lm/W(CW)	420 - 720 lm(CW)	>90	
					85 lm/W(WW)	308 - 528 lm(WW)	>97	
JU1215(9)		12 x 15 x 1.0 mm LES : 5.5 mm	3-7W	2700K-6500K	102 lm/W(CW)	370 - 624 lm(CW)	>80	Spotlight Downlight
					78 lm/W(WW)	280 - 480 lm(WW)	>90	
					93 lm/W(CW)	336 - 576 lm(CW)	>97	
JU1215(36)		12 x 15 x 1.0 mm LES : 9 mm	6W	3000K	111 lm/W	670 lm	>80	Spotlight Downlight
					98 lm/W	590 lm	>90	
					89 lm/W	536 lm	>97	
JU1215(18)		12 x 15 x 1.0 mm LES : 9 mm	8-12W	2700K-6500K	110 lm/W(WW)	900 - 1250 lm(WW)	>80	Spotlight Downlight
					97 lm/W(WW)	792 - 1100 lm(WW)	>90	
					88 lm/W(WW)	720 - 1000 lm(WW)	>97	
JU1215(36)		12 x 15 x 1.0 mm LES : 9 mm	9W	3000K	106 lm/W	957 lm	>80	Spotlight Downlight
					93 lm/W	842 lm	>90	
					85 lm/W	766 lm	>97	
JU1215(36)		12 x 15 x 1.0 mm LES : 9 mm	12W	3000K	105 lm/W	1260 lm	>80	Spotlight Downlight
					92 lm/W	1109 lm	>90	
					84 lm/W	1008 lm	>97	
JU2024(36)		20 x 24 x 1.0 mm LES : 16 mm	35-50W	2700K-6500K	116 lm/W(WW)	3700 - 4000 lm(WW)	>80	Spotlight Downlight
					127 lm/W(CW)	4400 - 4800 lm(CW)	>90	
					102 lm/W(WW)	3256 - 3520 lm(WW)	>97	
JU2024(48)		20 x 24 x 1.0 mm LES : 16 mm	50-80W	2700K-6500K	112 lm/W(CW)	3872 - 4224 lm(CW)	>80	Spotlight Downlight
					93 lm/W(WW)	2960 - 3200 lm(WW)	>90	
					102 lm/W(CW)	3520 - 3840 lm(CW)	>97	
JU1215(9)		12 x 15 x 1.0 mm LES : 6.5 mm	3W	2700K-5700K	120 lm/W(WW)	5100 - 5500 lm(WW)	>80	Spotlight Downlight
					131 lm/W(CW)	6100 - 6600 lm(CW)	>90	
					106 lm/W(WW)	4488 - 4840 lm(WW)	>97	
JU1215(15)		12 x 15 x 1.0 mm LES : 6.5 mm	5W	2700K-5700K	115 lm/W(CW)	4880 - 5280 lm(CW)	>80	Spotlight Downlight
					101 lm/W	321 lm	>90	
					92 lm/W	292 lm	>97	
JU1215(21)		12 x 15 x 1.0 mm LES : 6.5 mm	7W	2700K-5700K	100 lm/W(WW)	530 lm(WW)	>80	Spotlight Downlight
					110 lm/W(CW)	550 lm(CW)	>90	
					88 lm/W(WW)	446 lm(WW)	>97	
JU1619(36)		16 x 19 x 1.0 mm LES : 9 mm	10W	3000K	97 lm/W(CW)	484 lm(CW)	>80	Spotlight Downlight
					80 lm/W(WW)	424 lm(WW)	>90	
					88 lm/W(CW)	440 lm(CW)	>97	
JU1215(36)		16 x 19 x 1.0 mm LES : 9 mm	16W	3000K	99 lm/W(WW)	730 lm(WW)	>80	Spotlight Downlight
					109 lm/W(CW)	800 lm(CW)	>90	
					87 lm/W(WW)	642 lm(WW)	>97	
JU2024(36)		20 x 24 x 1.0 mm LES : 16 mm	24W	3000K	96 lm/W(CW)	704 lm(CW)	>80	Spotlight Downlight
					79 lm/W(WW)	584 lm(WW)	>90	
					87 lm/W(WW)	640 lm(CW)	>97	
JU1619(36)		16 x 19 x 1.0 mm LES : 9 mm	10W	3000K	107 lm/W	1070 lm	>80	Spotlight Downlight
					94 lm/W	942 lm	>90	
					86 lm/W	856 lm	>97	
JU2024(36)		20 x 24 x 1.0 mm LES : 16 mm	32W	3000K	102 lm/W	1650 lm	>80	Spotlight Downlight
					90 lm/W	1452 lm	>90	
					82 lm/W	1320 lm	>97	
JU2024(36)		20 x 24 x 1.0 mm LES : 16 mm	32W	3000K	99 lm/W	2350 lm	>80	Spotlight Downlight
					87 lm/W	2068 lm	>90	
					79 lm/W	1880 lm	>97	
JU2024(36)		20 x 24 x 1.0 mm LES : 16 mm	32W	3000K	99 lm/W	3180 lm	>80	Spotlight Downlight
					87 lm/W	2798 lm	>90	
					79 lm/W	2544 lm	>97	

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# XUAN Series

The EVERLIGHT XUAN COB series achieves 2 advantages in high efficiency and easy assembly. With high thermal conductive Mirror-AI PCB, it can be easy to attach to heatsink by screws. Another feature of this product is the wide driving operation range. For typical driving state, super high efficiency is promised. For over-driving state, it can not only deliver high lumen output but also remain stable with proper heatsink to present a economic lighting design.

亿光的煌系列COB封装具有超高效率和方便安装的一大优点，使用高导热镜面铝基板并可简单以螺丝锁附于散热模块上，增加制程便利性。本产品另一特色是可操作功率范围大，提供灯具射设计者不同的设计思维，在典型功率下可达成超高光效的输出，即使提高驱动功率搭配合适的散热器下仍有高亮度高稳定性的表现，充分体现经济型照明的优势。

Product Name	Product Photo	Dimension	Power Consumption	Color Temperature	Efficiency	Lumen Output	CRI	Application
XUAN1313(36)		13.5 x 13.5 x 1.0mm LES : 9.8 mm	4-9W	2700K-6500K	124 lm/W(WW) 135 lm/W(CW)	535 - 960 lm(WW) 585 - 1050 lm(CW)	>80	Spotlight Downlight
					109 lm/W(WW) 119 lm/W(CW)	471 - 845 lm(WW) 515 - 924 lm(CW)	>90	
					99 lm/W(WW) 108 lm/W(CW)	427 - 768 lm(WW) 468 - 840 lm(CW)	>97	
XUAN1313(36)		13.5 x 13.5 x 1.0 mm LES : 9.8 mm	6-14W	2700K-6500K	121 lm/W(WW) 132 lm/W(CW)	785 - 1410 lm(WW) 855 - 1540 lm(CW)	>80	Spotlight Downlight
					106 lm/W(WW) 116 lm/W(CW)	691 - 1241 lm(WW) 752 - 1355 lm(CW)	>90	
					97 lm/W(WW) 106 lm/W(CW)	628 - 1128 lm(WW) 684 - 1232 lm(CW)	>97	
XUAN1313(36)		13.5 x 13.5 x 1.0 mm LES : 9.8 mm	8-18W	2700K-6500K	119 lm/W(WW) 130 lm/W(CW)	1030-1855 lm(WW) 1120-2015 lm(CW)	>80	Spotlight Downlight
					105 lm/W(WW) 114 lm/W(CW)	906 - 1632 lm(WW) 986 - 1773 lm(CW)	>90	
					95 lm/W(WW) 104 lm/W(CW)	824- 1484 lm(WW) 896 - 1612 lm(CW)	>97	
XUAN1919(36)		19 x 19 x 1.0 mm LES : 14.5 mm	10-23W	2700K-6500K	123 lm/W(WW) 134 lm/W(CW)	1330 - 2395 lm(WW) 1455 - 2620 lm(CW)	>80	Spotlight Downlight
					108 lm/W(WW) 118 lm/W(CW)	1170 - 2108 lm(WW) 1280 - 2306 lm(CW)	>90	
					98 lm/W(WW) 107 lm/W(CW)	1064 - 1916 lm(WW) 1164 - 2096 lm(CW)	>97	
XUAN1919(36)		19 x 19 x 1.0 mm LES : 14.5 mm	13-28W	2700K-6500K	121 lm/W(WW) 132 lm/W(CW)	1570 - 2825 lm(WW) 1715 - 3085 lm(CW)	>80	Spotlight Downlight
					106 lm/W(WW) 116 lm/W(CW)	1382 - 2486 lm(WW) 1509 - 2715 lm(CW)	>90	
					97 lm/W(WW) 106 lm/W(CW)	1256 - 2260 lm(WW) 1372 - 2468 lm(CW)	>97	
XUAN1919(36)		19 x 19 x 1.0 mm LES : 14.5 mm	17-37W	2700K-6500K	120 lm/W(WW) 130 lm/W(CW)	2070 - 3725 lm(WW) 2260 - 4065 lm(CW)	>80	Spotlight Downlight
					106 lm/W(WW) 114 lm/W(CW)	1822 - 3278 lm(WW) 1989 - 3577 lm(CW)	>90	
					96 lm/W(WW) 104 lm/W(CW)	1656 - 2980 lm(WW) 1808 - 3525 lm(CW)	>97	
XUAN1919(36)		19 x 19 x 1.0 mm LES : 14.5 mm	25-55W	2700K-6500K	116 lm/W(WW) 128 lm/W(CW)	3000 - 5400 lm(WW) 3335 - 6000 lm(CW)	>80	Spotlight Downlight
					102 lm/W(WW) 113 lm/W(CW)	2640 - 4752 lm(WW) 2935 - 5280 lm(CW)	>90	
					93 lm/W(WW) 102 lm/W(CW)	2400 - 4320 lm(WW) 2668 - 4800 lm(CW)	>97	

# Color Choice Series

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.

亿光此款特别的COB色温可调整，从商照及居家照明皆可适用。可任意调整至ANSI 2700K到5700K之间的各种色温。所有的混光色温的发光效率皆可达到100 lm/W以上且演色性Ra > 80。此颗COB理想上可应用在设定适合的情境。

Product Name	Product Photo	Dimension	Power Consumption	Color Temperature	Efficiency	Lumen Output	CRI	Application
CHI3030(27)		30 x 30 x 1.0 mm LES : 26 mm	29W	2700K-5700K	99 lm/W ~ 111 lm/W ~ 107 lm/W	2760 lm ~ 3110 lm ~ 2990 lm	>80	Spotlight Downlight
					87 lm/W ~ 98 lm/W ~ 94 lm/W	2429 lm ~ 2737 lm ~ 2631 lm	>90	

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# Low-Mid Power LED Series

## Low-Mid Power LED OF INNOVATION

The EVERLIGHT 2835 series is an upgrade from standard 3528 packages. With a newly designed heat slug and thinner thickness, 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.

亿光2835的封装组件是3528组件的进阶版本·因为加大了散热模块设计·降低整体封装的厚度·所以可以提高发光效率·真正达到经济和节能等优点·是一般线性光源照明最佳的选择。

### 2835 Series (0.2W)



Dimension	3.5 x 2.8 x 0.7 mm
Power Consumption	0.2W
Color Temperature	2700K-6500K
Efficiency	110 lm/W(WW) / 120 lm/W(CW)
Lumens Output	22 lm(WW) / 24 lm(CW)
CRI	>80 / >80
Application	Tubes

The EVERLIGHT 3020S series is an upgrade from standard 3020 packages. With a newly designed heat slug, 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.

亿光3020S的封装组件是传统3020的升级版本·因为有新式的散热垫设计·所以可以在小的封装体操作更大电流且维持着高发光效率和性价比·真正达到经济和节能等优点·是一般照明最佳的选择。

### 3020S Series (0.2W)



Dimension	3.0 x 2.0 x 0.8 mm
Power Consumption	0.2W
Color Temperature	2700K-6500K
Efficiency	110 lm/W(WW) / 115 lm/W(CW)
Lumens Output	22 lm(WW) / 23 lm(CW)
CRI	>80 / >80
Application	Tubes

NEW

The latest EVERLIGHT 5630D series LED is a ultra high efficiency LED from EVERLIGHT. It provides an optimal solution to achieve 120lm/W tube applications and is a preferred LED for many other applications.

亿光最新款5630·超高光效的表现能轻易的组成120lm/W以上的高效灯管·是高效率LED灯具的首选。

### 5630D 高效率系列 High Efficiency Series (0.2W)



Dimension	5.6 x 3.0 x 0.65 mm
Power Consumption	0.2W
Color Temperature	5000K
Efficiency	140 lm/W(WW) / 160 lm/W(CW)
Lumens Output	27 lm(WW) / 30 lm(CW)
CRI	>80 / >70
Application	Tubes

NEW

The EVERLIGHT 4014 with a newly designed heat slug, this LED can be over driven while maintaining its compact size and cost effectiveness. The superior LED product characteristics allow lighting fixtures to be designed with a thin, compact profile, especially panel lights.

亿光4014可以在小的封装体操作更大电流且维持高性价比·达到经济和薄型等优点·是平板灯最佳的选择。

### 4014 Series (0.5W)



Dimension	4.0 x 1.4 x 0.65 mm
Power Consumption	0.5W
Color Temperature	2700K-6500K
Efficiency	100 lm/W(WW) / 110 lm/W(CW)
Lumens Output	50 lm(WW) / 55 lm(CW)
CRI	>80 / >80
Application	Panel Lights / Tubes

The new EVERLIGHT 5630D series provides an ultra thin, high lumen, and high quality of light solution for EVERLIGHT's mid power LEDs. With its higher competitive cost versus performance, and large production capacity, this LED device is truly ideal for many lighting applications.

亿光5630封装组件具有超薄、高流明输出以及高质量等优点·因为有着高性价比的竞争力·是许多照明应用领域的理想首选。

### 5630D Series (0.5W/3V)



Dimension	5.6 x 3.0 x 0.65 mm
Power Consumption	0.5W
Color Temperature	2700K-6500K
Efficiency	111 lm/W(WW) / 125 lm/W(CW)
Lumens Output	55 lm(WW) / 62 lm(CW)
CRI	>80 / >80
Application	Bulbs

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