



# MORE LIGHT FOR ALL

Wide Range for Most Demands

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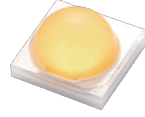
**EVERLIGHT**  
AMERICAS

# High Power LED Series

## High Power LED OF INNOVATION

The EAHP3535WF 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 EAHP3535WF 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.

### EAHP3535WF (1-5W)



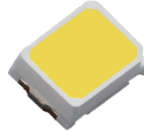
Dimension	3.5 x 3.5 x 2.36 mm
Power Consumption	1-5W
Color Temperature	2700K-6500K
Efficiency	132 lm/W(WW)-157 lm/W(CW)
Lumens Output	137 lm(WW)-167 lm(CW)
CRI	>80 / >70
Application	Spotlight / Streetlight / Bay

# Low-Mid Power LED Series

## Low-Mid Power LED OF INNOVATION

The EVERLIGHT EAHL2016W series reduces the total package size and still keeps outstanding performance. The product characteristics turn this white LED device into a real cost and energy saver and is a top solution for tube and panel light application.

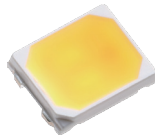
### EAHL2016W (0.2W)



Dimension	2.0 x 1.6 x 0.6 mm
Power Consumption	0.2W
Color Temperature	2700K-6500K
Efficiency	120 lm/W(WW) / 130 lm/W(CW)
Lumens Output	23 lm(WW) / 25 lm(CW)
CRI	>80
Application	Tube / Panel / Linear Fixture

The EVERLIGHT EAHL/HE/HP2835W 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.

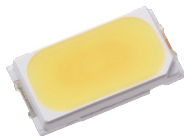
### EAHL2835W(0.2W) EAHE2835W(0.2W/0.5W) EAHP2835W(0.5W/1W)



Dimension	2.8 x 3.5 x 0.7 mm		
Power Consumption	0.2W	0.5W	1W
CCT	2700K-6500K		
Efficiency	138 lm/W(WW) 146 lm/W(CW)	138 lm/W(WW) 146 lm/W(CW)	130 lm/W(WW) 140 lm/W(CW)
Lumens Output	26 lm(WW) 28 lm(CW)	65 lm(WW) 70 lm(CW)	130 lm(WW) 140 lm(CW)
CRI	>80		
Application	Tube / Linear Fixture	Downlight / Bay / Linear Fixture	

The latest EVERLIGHT EAHE5630W High Efficiency (0.2W) 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.

### EAHE5630W High Efficiency (0.2-0.5W)



Dimension	5.6 x 3.0 x 0.65 mm
Power Consumption	0.2W (up to 0.5W)
Color Temperature	2700K-6500K
Efficiency	185 lm/W(WW)-200 lm/W(CW)
Lumens Output	34 lm(WW)-37 lm(CW)
CRI	>80
Application	Tube / Panel / Linear Fixture / Downlight

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## EMC LED Series

### EMC LED OF INNOVATION

The EAHP3030W 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.

#### EAHP3030W (1W)



Dimension	3.0 x 3.0 x 0.63 mm
Power Consumption	1W
Color Temperature	2700K-6500K
Efficiency	130 lm/W(WW) / 140 lm/W(CW)
Lumens Output	130 lm(WW) / 140 lm(CW)
CRI	>80
Application	Downlight / Bay / Linear Fixture

The EVERLIGHT EAHP9595W series possesses superior efficiency and easy assembly with SMT process. Regarding to the performance of the package, EAHP9595W can be the best substitution of COBs while lowering the system cost in lighting applications. Another feature of this product is that a single EAHP9595W can be applied in diffused applications to achieve a simple high lumen design.



#### EAHP9595W (8W)

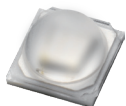
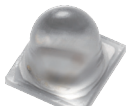

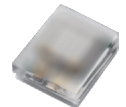



Dimension	9.5 x 9.5 x 0.8 mm
Power Consumption	8W
Color Temperature	2700K-6500K
Efficiency	125 lm/W(WW) / 140 lm/W(CW)
Lumens Output	950 lm(WW) / 1050 lm(CW)
CRI	>80
Application	Directional Lamp / Spotlight / Diffused Apps

## UV LED Series

### UV LED OF INNOVATION

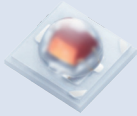
The EVERLIGHT UV series is a new product for a newly developing UV LED market. EVERLIGHT UV LEDs offer high efficiency, multiple wavelengths and multiple viewing angles for multiple applications.

Type	Product Name	Product Photo	Dimension	Power Consumption	Radiant Power (mW)	Wp (nm)	Current (mA)	Vf (V)	Angle (°)	Application
High Power	EAUVA35352 Series		3.5x3.5x2.31mm	1.8W	800	365-375 nm	500	3.4-4	120	UV Paint Curing Cosmetic Curing Medical Treatments Domestic Disinfection Counterfeit Checking
					1000	380-390 nm	500	3.2-3.8	120	
					1000	390-400 nm	500	3-3.6	120	
	Developing EAUVA35353 Series		3.5x3.5x3.51mm	1.8W	800	365-375 nm	500	3.4-4	50	
					1000	380-390 nm	500	3.2-3.8	50	
					1000	390-400 nm	500	3-3.6	50	
	Developing EAUVA4545 Series		4.5x4.5x4.5mm	1.8W	700	365-375 nm	500	3.4-4	30	
					900	380-390 nm	500	3.2-3.8	30	
					900	390-400 nm	500	3-3.6	30	
Low Power	EAUVA2016 Series		2x1.6x0.75mm	0.08W	20	365-375 nm	20	3.4-4	125	
					25	380-390 nm	20	3.2-3.8	125	
					25	390-400 nm	20	3-3.6	125	
	EAUVA3020 Series		3x2x0.65mm	0.08W	20	365-375 nm	20	3.4-4	125	
					25	380-390 nm	20	3.2-3.8	125	
					25	390-400 nm	20	3-3.6	125	

# Horticulture Series

## Horticulture LED OF INNOVATION

For wavelengths absorbed by plants, 450nm / 525nm / 660nm / 730nm are the main colors that promote growth of roots, stems, and leaves. EVERLIGHT has multiple packages and power ratings, 0.2W to 3W, available for design of horticulture lighting fixtures based on these three main wavelengths. Using these combinations, EVERLIGHT can accelerate growth of the horticulture lighting market.

Product Name	Product Photo	Dimension	Power Consumption	Color Temperature	Radiant Output
EAHP3535		3.5 x 3.5 x 2.03 mm	1-3W	450nm	520mW
				525nm	230mW
				660nm	400mW
				730nm	235mW
EAHP2835		2.8 x 3.5 x 0.7 mm	0.5W	450nm	210mW
				525nm	160mW
				660nm	110mW
				730nm	90mW


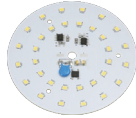
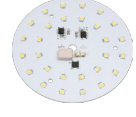


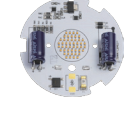
# Driver on Board LED Series



## Driver on Board LED OF INNOVATION

The EVERLIGHT MOD-ELB series possesses superior efficiency and easy plug and play assembly. EVERLIGHT's MOD-ELB series can be used in multiple applications to reduce complicated manufacturing processes and increase cost savings.

Note: Specifications based on 3000K

Product Name	Product Photo	Dimension	Watt	Voltage	CCT	Efficiency (lm/W)	Lumen Output	CRI	Dimmable	Pf	THD(%)	PKG	Application
MOD80180 Series		80 x 180mm	30	120V / 60Hz 230V / 50Hz	2700K-6500K	100	3000	>80	Y	> 0.9	< 20	2835	Flood Light
MOD9090 Series		Ø90mm	20	120V / 60Hz 230V / 50Hz	2700K-6500K	100	2000	>80	Y	> 0.9	< 20	2835	Ceiling Light
MOD7070 Series		Ø70mm	15	120V / 60Hz 230V / 50Hz	2700K-6500K	100	1500	>80	Y	> 0.9	< 20	2835	Downlight
MOD5555 Series		Ø55mm	10	120V / 60Hz 230V / 50Hz	2700K-6500K	100	1000	>80	Y	> 0.9	< 20	2835	LED Lamp
MOD5555 COB Series		Ø55mm	10	120V / 60Hz 230V / 50Hz	2700K-6500K	90	900	>80	Y	> 0.9	< 20	COB	LED Lamp
MOD5555 CSP Series		Ø55mm	8	120V / 60Hz 230V / 50Hz	2700K-6500K	100	800	>80	Y/N	> 0.9	< 20	CSP	LED Lamp

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# COB LED Series

## COB LED OF INNOVATION

The EVERLIGHT EAHP COB series achieves 2 advantages in high efficiency and easy assembly. With high thermal conductive Mirror-Al PCB, it can be easily attached to heatsink. 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 an economic lighting design.

Product Series	Product Photo	Dimension	Power Consumption	Color Temperature	CRI	Efficiency	Lumen Output	Application
EAHP1313W (36V)		13.5x13.5x0.9mm <sup>3</sup>	3-7W	2700K-6500K	>80	143 lm/W(WW) 157 lm/W(CW)	430 lm(WW) 470 lm(CW)	Spotlight / Downlight
					>90	130 lm/W(WW) 142 lm/W(CW)	390 lm(WW) 425 lm(CW)	
					>97	115 lm/W(WW) 125 lm/W(CW)	345 lm(WW) 375 lm(CW)	
EAHP1313W (36V)		13.5x13.5x0.9mm <sup>3</sup>	6-14W	2700K-6500K	>80	139 lm/W(WW) 153 lm/W(CW)	835 lm(WW) 920 lm(CW)	Spotlight / Downlight
					>90	127 lm/W(WW) 139 lm/W(CW)	760 lm(WW) 835 lm(CW)	
					>97	111 lm/W(WW) 123 lm/W(CW)	668 lm(WW) 735 lm(CW)	
EAHP1313W (36V)		13.5x13.5x0.9mm <sup>3</sup>	9-20.5W	2700K-6500K	>80	136 lm/W(WW) 150 lm/W(CW)	1225 lm(WW) 1350 lm(CW)	Spotlight / Downlight
					>90	124 lm/W(WW) 136 lm/W(CW)	1115 lm(WW) 1225 lm(CW)	
					>97	109 lm/W(WW) 120 lm/W(CW)	980 lm(WW) 1080 lm(CW)	
EAHP1919W (36V)		19x19x0.9mm <sup>3</sup>	12-27.6W	2700K-6500K	>80	128 lm/W(WW) 141 lm/W(CW)	1535 lm(WW) 1690 lm(CW)	Spotlight / Downlight
					>90	116 lm/W(WW) 128 lm/W(CW)	1395 lm(WW) 1535 lm(CW)	
					>97	103 lm/W(WW) 113 lm/W(CW)	1230 lm(WW) 1350 lm(CW)	
EAHP1919W (36V)		19x19x0.9mm <sup>3</sup>	16-34.5W	2700K-6500K	>80	132 lm/W(WW) 145 lm/W(CW)	2110 lm(WW) 2320 lm(CW)	Spotlight / Downlight
					>90	120 lm/W(WW) 132 lm/W(CW)	1920 lm(WW) 2110 lm(CW)	
					>97	106 lm/W(WW) 116 lm/W(CW)	1690lm(WW) 1855 lm(CW)	
EAHP1919W (36V)		19x19x0.9mm <sup>3</sup>	19-42.7W	2700K-6500K	>80	131 lm/W(WW) 144 lm/W(CW)	2485 lm(WW) 2735 lm(CW)	Spotlight / Downlight
					>90	119 lm/W(WW) 131 lm/W(CW)	2260 lm(WW) 2485 lm(CW)	
					>97	105 lm/W(WW) 115 lm/W(CW)	1990 lm(WW) 2190 lm(CW)	
EAHP1919W (36V)		19x19x0.9mm <sup>3</sup>	25-57W	2700K-6500K	>80	130lm/W(WW) 143 lm/W(CW)	3255 lm(WW) 3580 lm(CW)	Spotlight / Downlight
					>90	118 lm/W(WW) 130 lm/W(CW)	2960 lm(WW) 3255 lm(CW)	
					>97	104 lm/W(WW) 115 lm/W(CW)	2605 lm(WW) 2865 lm(CW)	
EAHP2828W (36V)		28x28x0.9mm <sup>3</sup>	39-89W	2700K-6500K	>80	131lm/W(WW) 140 lm/W(CW)	5050 lm(WW) 5390 lm(CW)	Spotlight / Downlight
					>90	118 lm/W(WW) 125 lm/W(CW)	4545 lm(WW) 4850 lm(CW)	
					>97	105 lm/W(WW) 112 lm/W(CW)	4040 lm(WW) 4310 lm(CW)	
EAHP2828W (36V)		28x28x0.9mm <sup>3</sup>	58-134W	2700K-6500K	>80	127lm/W(WW) 136 lm/W(CW)	7340 lm(WW) 7830 lm(CW)	Spotlight / Downlight
					>90	115 lm/W(WW) 123 lm/W(CW)	6605 lm(WW) 7045 lm(CW)	
					>97	103 lm/W(WW) 110 lm/W(CW)	5870 lm(WW) 6264 lm(CW)	
EAHP2828W (36V)		28x28x0.9mm <sup>3</sup>	88-134W	2700K-6500K	>80	124lm/W(WW) 132 lm/W(CW)	10710 lm(WW) 11430 lm(CW)	Spotlight / Downlight
					>90	110 lm/W(WW) 118 lm/W(CW)	9640 lm(WW) 10285 lm(CW)	
					>97	98 lm/W(WW) 105 lm/W(CW)	8570 lm(WW) 9145 lm(CW)	

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