



UV LEDs

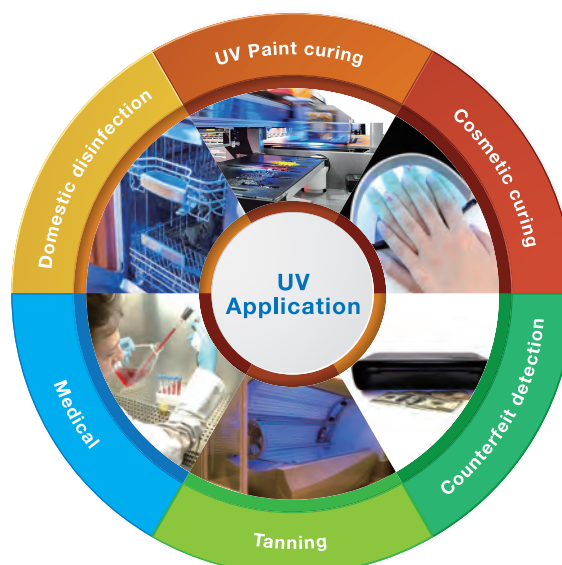
EVERLIGHT offers UV LEDs with high optical output, multiple wavelengths and multiple viewing angles for a wide range of applications.

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The UV LED market is expected to grow rapidly in recent years due to many upcoming applications. Apart from the well-known printing technology, emerging applications, like UV paint and cosmetics curing, medical treatments, domestic disinfection in home appliances like photocatalytic air and water purifiers are also appealing.

EVERLIGHT's UV LED Series offers high efficiency, multiple wavelengths with three different viewing angles to satisfy all demands of a wide range of UV applications. Along with strict quality and production control, EVERLIGHT always focuses on what the clients need and provides one-stop optoelectronics solutions for every need.



EVERLIGHT UVA Portfolio

Series	Dimension	Picture	Power Consumption	Spec.				Application
				Min. mW	nm	Vf	Description	
EAUVA2016 0.08W VA=125° Typ. IF=20mA	2.0x1.6x0.7		0.08W	15	365 - 375	3.4 - 4.0	Low Power Compact Max If=25mA	UV paint Curing Cosmetic Curing Medical Treatments Counterfeit Checking Purification
				20	380 - 390	3.2 - 3.8		
				20	390 - 400	3.0 - 3.6		
				20	400 - 410	3.0 - 3.6		
EAUVA2016 1W VA=125° Typ. IF=500mA	2.0x1.6x0.7		1.8W	500	365 - 375	3.25 - 4.15	High Power Compact Max If=700mA	
				600	380 - 390	2.95 - 3.85		
				700	390 - 400	2.95 - 3.85		
EAUVA3020 0.08W VA=125° Typ. IF=20mA	3.0x2.0x0.6		0.08W	20	365 - 375	3.4 - 4.0	Low Power High output Max If=25mA	
				25	380 - 390	3.2 - 3.8		
				25	390 - 400	3.0 - 3.6		
				25	400 - 410	3.0 - 3.6		
EAUVA3535 120 degree VA=120° Typ. IF=500mA	3.5x3.5x2.3		1.8W	900	365 - 375	3.25 - 4.15	Versatile High Uniformity Max = 700mA	
				1000	380 - 390	2.95 - 3.85		
				1000	390 - 400	2.95 - 3.85		
				1000	400 - 410	2.95 - 3.85		
				1000	400 - 410	2.95 - 3.85		
EAUVA3535 50 degree VA=50° Typ. IF=500mA	3.5x3.5x3.5		1.8W	900	365 - 375	3.25 - 4.15	Narrow VA High Density Max If= 700mA	
				1000	380 - 390	2.95 - 3.85		
				1000	390 - 400	2.95 - 3.85		
EAUVA4545 30 degree VA=30° Typ. IF=500mA	4.5x4.5x4.5		1.8W	800	365 - 375	3.25 - 4.15	Narrow VA High Density Max If= 700mA	
				900	380 - 390	2.95 - 3.85		
				900	390 - 400	2.95 - 3.85		

EVERLIGHT UVC Portfolio

Series	Dimension	Picture	Power Consumption	Spec.				Application
				Min. mW	nm	Vf(typ.)	Description	
EAUVC VA=120° Typ. IF=350mA	6.4x6.4x1.25mm		2.1W	25	270-290	6.0	In Development	Sterilization Disinfection Purification

EVERLIGHT UVB Portfolio

Series	Dimension	Picture	Power Consumption	Spec.				Application
				Min. mW	nm	Vf(typ.)	Description	
EAUVB VA=120° Typ. IF=100mA	6.4x6.4x1.25mm		0.6W	10	310-320	6.0	In Development	Sterilization Disinfection Purification

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