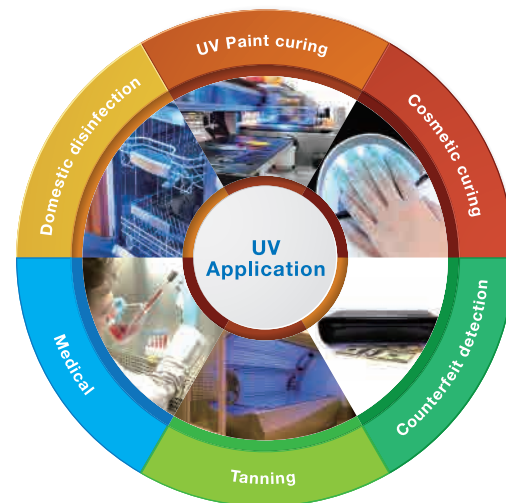# UV LEDs

UV LEDs

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

www.everlight.com

EVERLIGHT

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.

UV Application: UV Paint curing, Cosmetic curing, Counterfeit detection, Tanning, Medical, Domestic disinfection

EVERLIGHT UVA Portfolio

Series	Dimension (mm)	Picture	Power Consumption	Spec.				Application
				Min. mW	nm	Vf	Description	
ELUA2016 VA=120° Typ. If=20mA	2.0x1.6x0.7		0.08W	20	365 - 375	3.0 - 4.0	Low Power Compact Max If=25mA	UV Paint Curing Cosmetic Curing Medical Treatments Counterfeit Checking Purification
				25	380 - 390	3.0 - 4.0		
				25	390 - 400	3.0 - 4.0		
				25	400 - 410	3.0 - 4.0		
ELUA2016 VA=120° Typ. If=60mA	2.0x1.6x0.7		0.5W	50	365 - 375	3.0 - 4.0	Mid Power Compact Max If=100mA	
				65	380 - 390	3.0 - 4.0		
				70	390 - 400	3.0 - 4.0		
				70	400 - 410	3.0 - 4.0		
ELUA2016 VA=120° Typ. If=350mA	2.0x1.6x0.7		1.8W	530	365 - 375	3.0 - 4.0	High Power Compact Max If=700mA	
				600	380 - 390	3.0 - 4.0		
				600	390 - 400	3.0 - 4.0		
				700	400 - 410	3.0 - 4.0		
ELUA3020 VA=120° Typ. If=20mA	3.0x2.0x0.6		0.08W	20	365 - 375	3.0 - 4.0	Low Power High output Max If=25mA	
				25	380 - 390	3.0 - 4.0		
				25	390 - 400	3.0 - 4.0		
				25	400 - 410	3.0 - 4.0		
ELUA3535 VA=120° Typ. If=500mA	3.5x3.5x2.3		1.8W	1000	365 - 375	3.0 - 4.0	Versatile High Uniformity Max If=700mA	
				1000	380 - 390	3.0 - 4.0		
				1000	390 - 400	3.0 - 4.0		
				1000	400 - 410	3.0 - 4.0		
ELUA3535 VA=50° Typ. If=500mA	3.5x3.5x3.5		1.8W	900	365 - 375	3.0 - 4.0	Narrow VA High Density Max If= 700mA	
				1000	380 - 390	3.0 - 4.0		
				1000	390 - 400	3.0 - 4.0		
				1000	400 - 410	3.0 - 4.0		
ELUA3535 VA=30° Glass Typ. If=1000mA	3.5x3.5x3.5		4W	1300	365 - 375	3.6 - 4.6	Narrow VA High Density Max If= 1.4A	
				1300	380 - 390	3.6 - 4.6		
				1300	390 - 400	3.6 - 4.6		
				1300	400 - 410	3.6 - 4.6		
ELUA3535 VA=60° Glass Typ. If=1000mA	3.5x3.5x3.5		4W	1300	365 - 375	3.6 - 4.6	Narrow VA High Density Max If= 1.4A	
				1300	380 - 390	3.6 - 4.6		
				1300	390 - 400	3.6 - 4.6		
				1300	400 - 410	3.6 - 4.6		
ELUA4545 VA=30° Typ. If=500mA	4.5x4.5x4.5		1.8W	900	365 - 375	3.2 - 4.1	Narrow VA High Density Max If= 700mA	
				1000	380 - 390	3.2 - 4.1		
				1000	390 - 400	3.2 - 4.1		
				1000	400 - 410	3.2 - 4.1		

EVERLIGHT UVC Portfolio

Series	Dimension (mm)	Picture	Power Consumption	Spec.				Application
				Typ . mW	nm	Vf(typ.)	Description	
ELUC3535 VA=120° If =20mA	3.5x3.5x1.2		0.1W	2	270-280	5.9V-7.9	In Development Max If=25mA	Sterilization Disinfection Purification