

SEGULA

SUPERB KINGDOM LIMITED

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Lighting Type:	SPOTLIGHT	Description:	SEGULA LED Spotlight
Manufacturer:	SEGULA	Article Code:	SL-200
Location:			

SEGULA LED SPOTLIGHT



Product Feature

- * Precision German Engineering
- * Segula Dimmable Constant Current LED Driver.
- * Easy to Adjust
- * Industrial Grade Aviation Aluminum ensures heat dissipation
- * Smooth and Uniform Lighting with No Hotspot

Description

Dimension: $\Phi 210 \times 133$ mm

Power: 18W

Input Voltage: AC220-240V 50-60Hz

Color Temp: 2700K

Lumen: >1800 Lm

Protection Rate: IP65

CRI:90 Ra

Dimming Protocol: Triac

Beam Angle: 15 Degree

Adjustable: Yes

Light Source: Cree COB LED

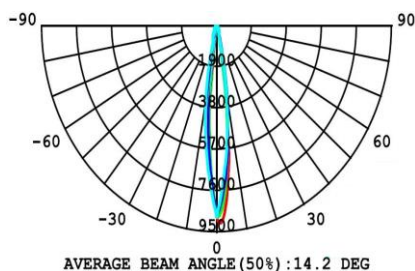
Material: Aluminum, PMMA Optical, Tempered Glass

Warranty

Module: 3 Years

Application

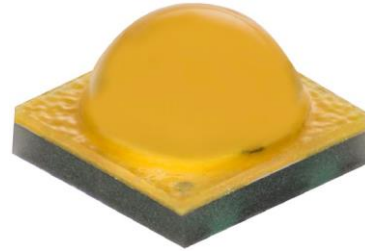
All indoor /outdoor space



Review Date :		Name :
Comments :		Signature :
Status:	Approved / Approved With Comments / Rejected	

Light Source

Cree® XLamp® XT-E LEDs



PRODUCT DESCRIPTION

Optimized for directional, high-lumen applications, from indoor and outdoor to portable and lamp retrofits, the XLamp® XT-E LED delivers high performance and high reliability in the industry-standard XP/XT footprint. The XT-E LED offers the benefits of the XT/XP platform – compact and proven 3.45 mm x 3.45 mm package and established ecosystem – enabling lighting manufacturers to simplify the design process and shorten time to market.

The XT-E LED is available in royal blue and white. The XT-E White LED offers a high-efficacy option. In this document, the term White denotes the white XT-E LED without regard to its efficacy. The terms Standard and High Efficacy are used when necessary to differentiate the performance of the High Efficacy XT-E LED from the XT-E LED without the high-efficacy option.

FEATURES

- Maximum Vf for High Efficacy XT-E White: 2.85 V
- Available in 70-, 80- and 90-CRI minimum white
- Binned at 85 °C
- Available in 2200 K CCT
- Thermal resistance: 5 °C/W
- Wide viewing angle: 115°-140°
- Maximum drive current: White 1.5 A, Royal Blue 1.5 A
- Electrically neutral thermal path
- Vf binning supported for XT-E White and Royal Blue
- XT-E Royal Blue sorted into 2.5-nm-wavelength bins
- Unlimited floor life at ≤ 30 °C/85% RH
- Reflow solderable - JEDEC J-STD-020C compatible
- RoHS and REACH compliant
- UL® recognized component (E349212)

CHARACTERISTICS

Characteristics	Unit	Minimum	Typical	Maximum
Thermal resistance, junction to solder point	°C/W		5	
Viewing angle (FWHM) - white	degrees		115	
Viewing angle (FWHM) - royal blue	degrees		140	
Temperature coefficient of voltage	mV/°C		-2.5	
ESD withstand voltage (HBM per Mil-Std-883D)	V			8000
DC forward current - white	mA			1500
DC forward current - royal blue	mA			1500
Reverse voltage	V			5
Forward voltage - white - Standard, royal blue (@ 350 mA, 85 °C)	V		2.85	3.1
Forward voltage - white - High Efficacy (@ 350 mA, 85 °C)	V		2.77	2.85
LED junction temperature	°C			150

FLUX CHARACTERISTICS - WHITE, STANDARD (T_j = 85 °C) - CONTINUED

Chromaticity		Minimum Luminous Flux (lm) @ 350 mA			Order Codes						
Kit	CCT	Code	Flux (lm) @ 85 °C	Flux (lm) @ 25 °C*	No Minimum CRI	70 CRI Minimum	80 CRI Typical	80 CRI Minimum	85 CRI Minimum	90 CRI Minimum	
E7	3000 K	R4	130	143	XTEAWT-00-0000-00000GE7	XTEAWT-00-0000-00000BGE7	XTEAWT-00-0000-00000LGE7				
		R3	122	134	XTEAWT-00-0000-00000FE7	XTEAWT-00-0000-00000BFE7	XTEAWT-00-0000-00000LFE7	XTEAWT-00-0000-00000HFE7			
		R2	114	125	XTEAWT-00-0000-00000EE7	XTEAWT-00-0000-00000BEE7	XTEAWT-00-0000-00000LEE7	XTEAWT-00-0000-00000HEE7			
		Q5	107	118	XTEAWT-00-0000-00000DE7	XTEAWT-00-0000-00000BDE7	XTEAWT-00-0000-00000LDE7	XTEAWT-00-0000-00000HDE7			
		Q4	100	110	XTEAWT-00-0000-00000CE7	XTEAWT-00-0000-00000BCE7	XTEAWT-00-0000-00000LCE7	XTEAWT-00-0000-00000HCE7			
		Q3	93.9	103			XTEAWT-00-0000-00000LBE7	XTEAWT-00-0000-00000HBE7	XTEAWT-00-0000-00000PBE7	XTEAWT-00-0000-00000UBE7	
		Q2	87.4	96.1						XTEAWT-00-0000-00000PAE7	XTEAWT-00-0000-00000UAE7
		P4	80.6	88.6						XTEAWT-00-0000-00000P9E7	XTEAWT-00-0000-00000U9E7
P3	73.9	81.2						XTEAWT-00-0000-00000P8E7	XTEAWT-00-0000-00000U8E7		

Chromaticity		Minimum Luminous Flux (lm) @ 350 mA			Order Codes					
Kit	CCT	Code	Flux (lm) @ 85 °C	Flux (lm) @ 25 °C*	No Minimum CRI	70 CRI Minimum	80 CRI Typical	80 CRI Minimum	85 CRI Minimum	90 CRI Minimum
E8	2700 K	R3	122	134	XTEAWT-00-0000-00000FE8	XTEAWT-00-0000-00000BE8	XTEAWT-00-0000-00000LE8			
		R2	114	125	XTEAWT-00-0000-00000EE8	XTEAWT-00-0000-00000BE8	XTEAWT-00-0000-00000LEE8	XTEAWT-00-0000-00000HEE8		
		Q5	107	118	XTEAWT-00-0000-00000DE8	XTEAWT-00-0000-00000BE8	XTEAWT-00-0000-00000LE8	XTEAWT-00-0000-00000HDE8		
		Q4	100	110	XTEAWT-00-0000-00000CE8	XTEAWT-00-0000-00000BE8	XTEAWT-00-0000-00000LCE8	XTEAWT-00-0000-00000HCE8		
		Q3	93.9	103	XTEAWT-00-0000-00000BE8	XTEAWT-00-0000-00000BE8	XTEAWT-00-0000-00000LBE8	XTEAWT-00-0000-00000HBE8	XTEAWT-00-0000-00000PBE8	
		Q2	87.4	96.1			XTEAWT-00-0000-00000LAE8	XTEAWT-00-0000-00000HAE8	XTEAWT-00-0000-00000PAE8	XTEAWT-00-0000-00000UAE8
		P4	80.6	88.6					XTEAWT-00-0000-00000P9E8	XTEAWT-00-0000-00000U9E8
		P3	73.9	81.2					XTEAWT-00-0000-00000P8E8	XTEAWT-00-0000-00000U8E8