

SEGULA

SUPERB KINGDOM LIMITED

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Lighting Type:	Downlight	Lamp:	SEGULA Adjustable LED Downlight
Manufacturer:	SEGULA	Catalog No:	SDL86
Location:			

SEGULA Adjustable LED Downlight



Product Feature

- * Precision German Engineering
- * Segula constant current control algorithm
- * No flicker LED-No interference on smart Phone, CCTV, Live Video and web camera
- * Industrial Grade Aviation Aluminum ensures heat dissipation
- * Smooth and Uniform Lighting with No Hotspot
- * R9>50

Description

Dimension: $\phi 86 \times 115 \text{mm}$

Cutout: $\phi 75 \text{mm}$

Input Voltage: AC220-240V 50/60Hz

Power: 8W

Beam Angle: 15D/ 24D / 36D

Light Source: Cree

Color Temp: 2700K/3000K/4000K

CRI: >90 Ra

Light Efficiency: >100Lm/W

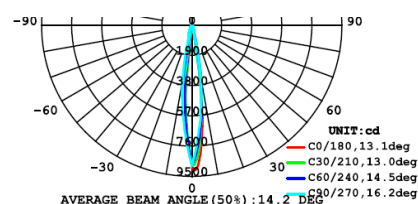
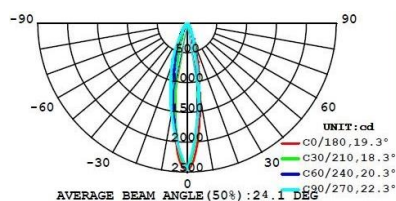
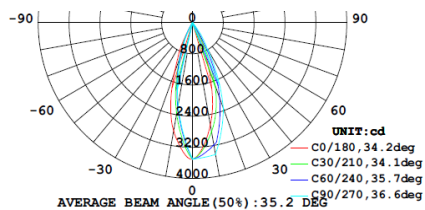
IP Rating: IP20

Dimming: 0-10V, DALI, Triac

MacAdam: 2Step

Warranty

3 Years



Light Source

Cree® XLamp® CXA1507 LED



PRODUCT DESCRIPTION

The XLamp® CXA1507 LED array expands Cree's family of high-flux, multi-die arrays in a smaller, easy-to-use platform. With XLamp LED lighting-class reliability, the CXA1507's small, uniform emitting surface enables both directional and non-directional lighting applications including lamp retrofit and luminaire designs. Available in 2-step, 3-step and 4-step color consistency, and featuring a 9-mm optical source, the CXA1507 brings new levels of flux and efficacy to this form factor.

The CX Family LED Design Guide provides basic information on the requirements to use the CXA1507 LED successfully in luminaire designs.

FEATURES

- Available in 4-step, 3-step and 2-step EasyWhite® bins at 2700 K, 3000 K, 3500 K, 4000 K & 5000 K CCT and 4-step EasyWhite bins at 5700 K & 6500 K CCT
- Available in ANSI white bins at 4000 K, 5000 K, 5700 K & 6500 K CCT
- Available in 70-, 80-, 90- and 93-minimum CRI options
- Forward voltage options: 18-V class & 36-V class
- 85 °C binning and characterization
- Maximum drive current: 750 mA (18 V), 375 mA (36 V)
- 115° viewing angle, uniform chromaticity profile
- Top-side solder connections
- Thermocouple attach point
- NEMA SSL-3 2011 standard flux bins
- RoHS and REACH compliant
- UL® recognized component (E349212)

CHARACTERISTICS

Characteristics	Unit	Minimum	Typical	Maximum
Viewing angle (FWHM)	degrees		115	
ESD withstand voltage (HBM per Mil-Std-883D)	V			8000
DC forward current (18 V)	mA			750*
DC forward current (36 V)	mA			375*
Reverse current 18 V, 36 V)	mA			0.1
Forward voltage (18 V, 400 mA, 85 °C)	V		17.5	
Forward voltage (18 V, 400 mA, 25 °C)	V			21
Forward voltage (36 V, 200 mA, 85 °C)	V		35	
Forward voltage (36 V, 200 mA, 25 °C)	V			42

* Refer to the Operating Limits section.

FLUX CHARACTERISTICS, EASYWHITE® ORDER CODES AND BINS - 18 V (I_F = 400 mA, T_J = 85 °C) - CONTINUED

Nominal CCT	CRI		Minimum Luminous Flux			2-Step		3-Step		4-Step	
	Min	Typ	Group	Flux (lm) @ 85 °C	Flux (lm) @ 25 °C*	Group	Order Code	Group	Order Code	Group	Order Code
2700 K	80	---	F4	730	815	27H	CXA1507-0000-000F00F427H	27G	CXA1507-0000-000F00G227G	27F	CXA1507-0000-000F00F427F
			G2	780	871		CXA1507-0000-000F00G227H				CXA1507-0000-000F00G227F
			G4	840	938		CXA1507-0000-000F00G427H				CXA1507-0000-000F00G427F
	93	95	D2	510	569	27H	CXA1507-0000-000F0YD227H	27G	CXA1507-0000-000F0YD427G	27F	CXA1507-0000-000F0YD227F
			D4	550	614		CXA1507-0000-000F0YD427H				CXA1507-0000-000F0YD427F
			E2	590	659		CXA1507-0000-000F0YE227H				CXA1507-0000-000F0YE227F

