



CANOPY LIGHT
SHINE-D SERIES

SHINE-D SERIES FEATURES & BENEFITS

01.HOUSING

- Die cast aluminum housing.
- Traditional box styling, simple style.
- Modular design allows for easy installation, replacement and maintenance.

02.FINISH

- Corrosion resistant polyester powder painted 100μm thickness.
- Meets a 1000-hour salt spray certification per ASTM B117/ ISO 9227:2012.
- Standard color of White.

03.LED & OPTICAL ASSEMBLY

- Each PCB are mounted with a TVS (Transient Voltage Suppressors) to protect the LEDs from voltage transients induced by lightning and other transient voltage events.
- High-uniformity LED optics are constructed of durable optical polycarbonate that is impact and UV resistant.
- The metal plate provides double protection for the LED light engine and prolongs LED optics life.
- Over 15 optical lenses are available for virtually any application.
- Each LED module are 100% tested prior to assembly which is IP67 rated.

04.MOUNTING

- Surface mount.
- Used for the traditional place like parking lot and so on.

05.Electrical/ Key Components/ Controls

- 120-277VAC and 347-480VAC available.
- Surge protection to 20kV/10kA per ANSI/IEEE C62.41.2-2002 available.
- High quality LEDs, driver and components, e.g. MOLEX, WAGO connectors.
- Multiple lighting control options are available, e.g. DALI, 1-10V.

06.Product Certifications

- UL/ CUL/ DLC/ LM79/ CB/ CE/ SAA/ RoHS
(Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org)

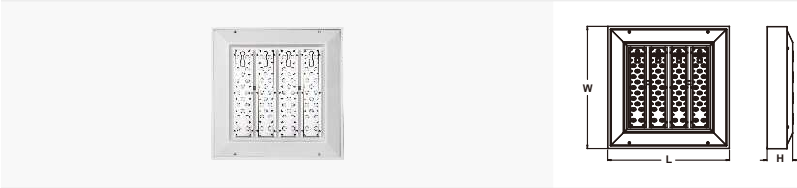


TECHNICAL
PARAMETERS

PRODUCT
MODEL

Power	120/160W	IP Rating	IP20
Input	120-277VAC or 220-240VAC or 347-480 VAC	SPD	Optional
PF	>0.95	Certificate/Qualification	UL/ CUL/ DLC/ LM79/ CB/ CE/ SAA/ RoHS
THD	<20%	DALI	Optional
L70/L90	>200,000H/>60,000H	1-10V	Optional
Operating Temperature	-40°C ~ +40°C	Photocell	/
Typical Efficacy	120-160lm/W	Smart Control	/
ANSI CCT	3000K/4000K/5000K/5700K	Optic (IESNA)	Type I, Type II, Type III, Type IV, Type V
Min CRI	70* or 80 or 90	Color Options	White

* Standard



Model	CLA120-D/CLB160-D/ CLA120H-D/CLB160H-D	Net Weight	8.47kg(18.67lbs)	Model No.	System Power	Voltage	Drive Current	Luminous Flux 3000K 4000 /5000K		Efficacy (lm/W)
LED Modules	4	Gross Weight	9.60kg(21.16lbs)	CLA120-D	110W	120-277VAC	530mA	13365lm	14850lm	135
LEDs	72	Product Dimensions	423x423x89mm 16.65"x16.65"x3.50"	CLB160-D	156W	120-277VAC	700mA	18252lm	20280lm	130
Mounting options	Surface mount	Carton Dimensions	525x496x180mm 20.67"x19.61"x7.09"	CLA120H-D	110W	347-480VAC	530mA	13365lm	14850lm	135
				CLB160H-D	156W	347-480VAC	700mA	18252lm	20280lm	130

ORDERING
INFORMATION


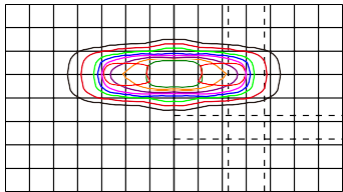
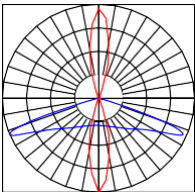
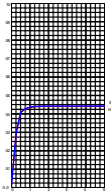

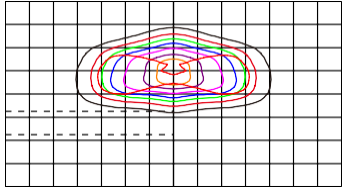
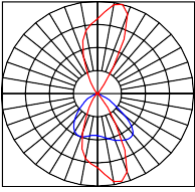
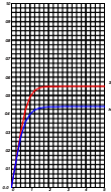

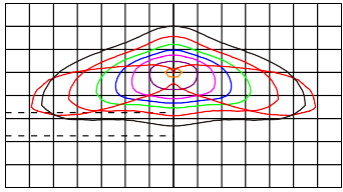
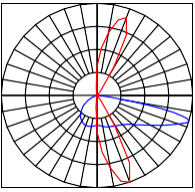
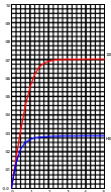

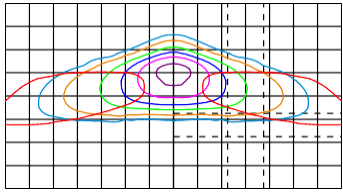
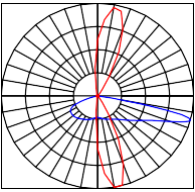
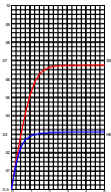

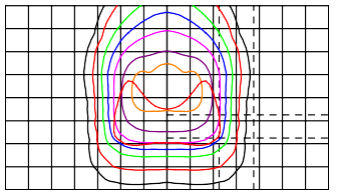
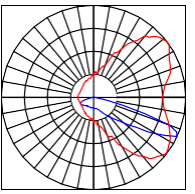
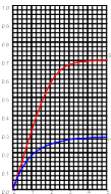

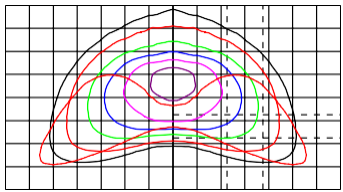
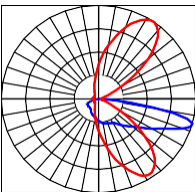
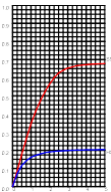

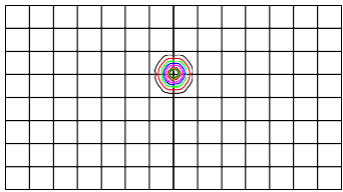
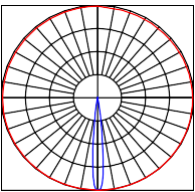
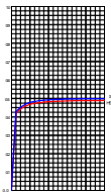
MODEL (Nominal Power)		MOUNTING	OPTIC LENS	CCT (ANSI)	OPTIONAL COLOR	LIGHTING CONTROL	ACCESSORY INFO
CLA120 120W CLB160 160W	CLA120H* 120W CLB160H* 160W	D	T1M Type I Medium	30K 3045	★ WH White (RAL:9010)	00 Not required	10KA/20KA Surge Protection Device
			T2M Type II Medium	±175K		04 DALI	Back Light Shield
			T3M Type III Medium	★ 40K 3985		05 1-10V dimming	
			T3L Type III Long	±275K			
			T4S Type IV Short	★ 50K 5028			
			T4M Type IV Medium	±283K			
			T5U Average beam angle 10°	57K 5665			
			T5V Average beam angle 25°	±355K			
			T5W Average beam angle 40°				
			T5S Average beam angle 60°				
			T5M Average beam angle 90°				
			T5L Average beam angle 120°				
			T5X Average beam angle 150°				
			T5D Diffuser				


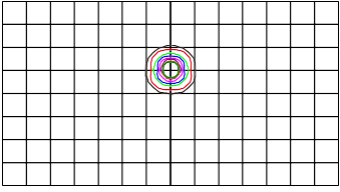
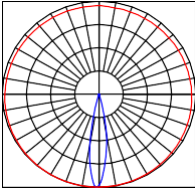
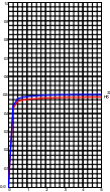

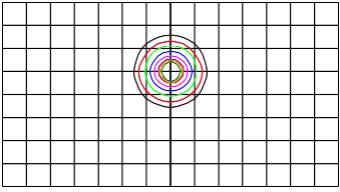
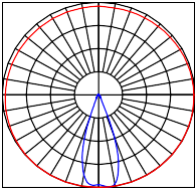
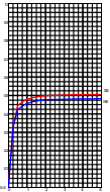

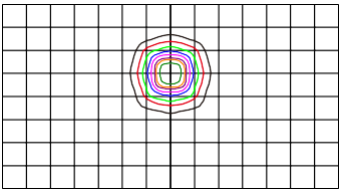
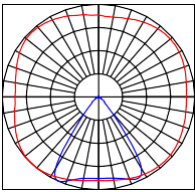
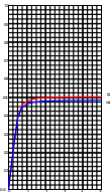

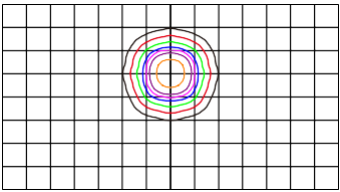
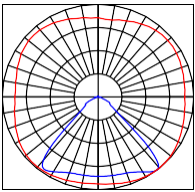
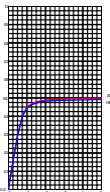

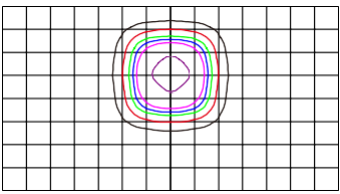
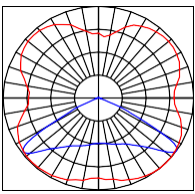
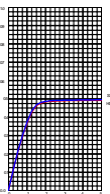

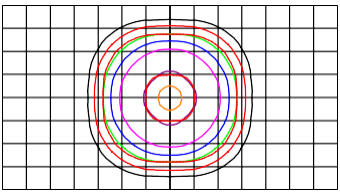
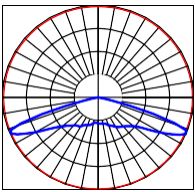
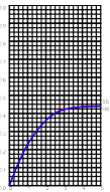

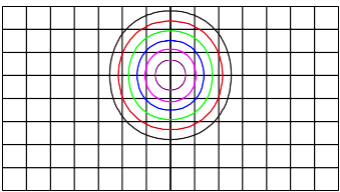
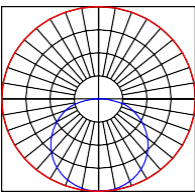
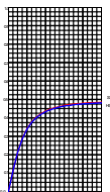
- * DALI unavailable
- ★ Regularly stocked item

- Example 1: CLA120-D-T5S-50K-WH-00
- Example 2: CLB160H-D-T5U-50K-WH-05

ACCESSORIES

OPTICS

	ISO Plot	Polar Curve	Cu Graph
			
	T1M Type I Medium		
			
	T2M Type II Medium		
			
	T3M Type III Medium		
			
	T3L Type III Long		
			
	T4S Type IV Short		
			
	T4M Type IV Medium		
			
	T5U Average beam angle 10°		

	ISO Plot	Polar Curve	Cu Graph
			
	T5V Average beam angle 25°		
			
	T5W Average beam angle 40°		
			
	T5S Average beam angle 60°		
			
	T5M Average beam angle 90°		
			
	T5L Average beam angle 120°		
			
	T5X Average beam angle 150°		
			
	T5D Diffuser		

CANOPY LIGHT

SHINE-D SERIES

NOTES

[illegible]