

Project		Date
Type		
Model		

LGC Series LED Canopy Light

Features & Benefits

01. HOUSING

- Die cast aluminum housing, with 25mm thickness.
- Modular design allows for easy installation, replacement and maintenance.
- IK08 rated.

02. FINISH

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

03. LED / OPTICAL ASSEMBLY / FWC

- 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

- Flush mount with 5" cut-out hole.
- Ideal for gas station lighting application.

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.



ORDER INFORMATION

EXAMPLE: LGC-17-120W-50K-5M1-Y-WH



Series	Mount	Wattage	CCT	Optics	Voltage	Finish
LGC	14=Direct Mount 17=Recessed	120W 160W	30K = 3000K 40K = 4000K 50K = 5000K	5M1 5S1 5L1 5X1	Y = 120-277V HV = 347-480V**	WH = White

Enter configuration: _____

** Special Order



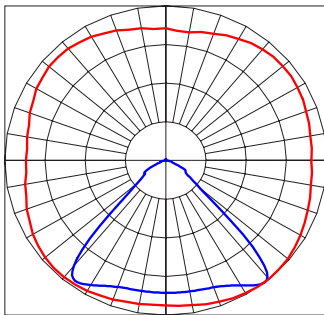
Model	LGC-120 / LGC-160
LED Modules	4
LEDs	72
Cut-out	Φ127(mm) Φ5"

Net Weight	6.14kg(13.54lbs)
Gross Weight	6.95kg(15.32lbs)
Product Dimensions	15.75"x15.75"x2.89"
Carton Dimensions	19.49"x18.70"x5.71"

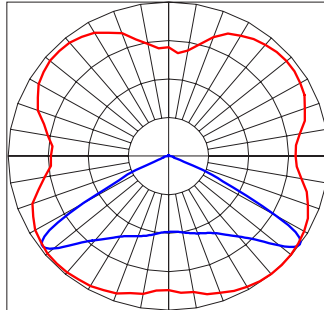
Model No.	System Power	Voltage	Drive Current	Luminous Flux		Efficacy (lm/W)
				3000K	4000 /5000K	
LGC-120	110W	120-277VAC	530mA	13,365lm	14,850lm	135
	156W	120-277VAC	700mA	18,252lm	20,280lm	130
LGC-160	110W	347-480VAC	530mA	13,365lm	14,850lm	135
	156W	347-480VAC	700mA	18,252lm	20,280lm	130

Photometry Polar Curve

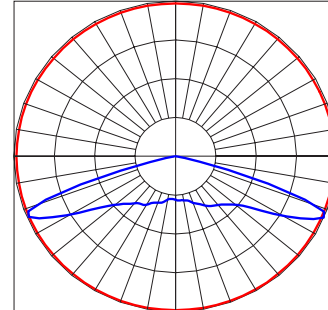
5M1 beam angle 90°



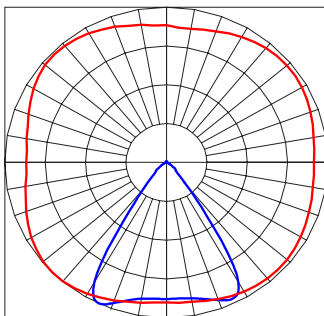
5L1 beam angle 120°



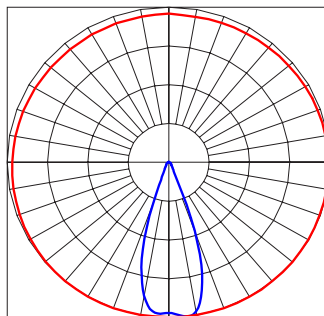
5X1 beam angle 150°



5S1 beam angle 60°



5W1 beam angle 40°



5V1 beam angle 25°

