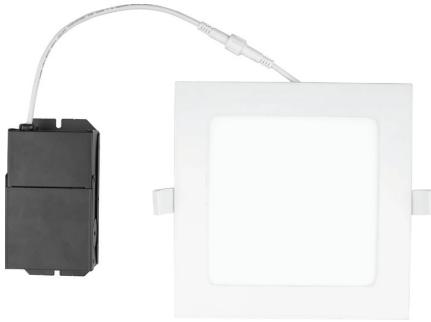




CONTRACTOR:	
PROJECT:	DATE:
PREPARED BY:	MODEL#:

SERIES SPECIFICATIONS



CLY6SQ

6" Square Low Profile LED Down Light

The CLY series features an ultra low-profile design at a value contractors need. The detachable junction box allows for more freedom of installation during remodels and new construction.



CONSTRUCTION

Intended use:

The CLY series is ideal for applications with restricted plenum access, as the low profile design and detachable junction box allow for installation with only 3.5" of clearance.

Construction:

Steel detachable junction box for flexible installation.
Durable aluminum housing and trim.

Optics:

Precision-molded polycarbonate lenses are engineered for superior light area distribution. The CLY6SQ series has a beam spread of 110°.

Electrical:

70% lumen maintenance at >40,000 hours. Long-life LEDs, coupled with high-efficiency drivers, provide extended service life. The CLY6SQ delivers up to 72 lumens per watt. Driver disconnect is provided to comply with U.S. and Canadian codes. Thermally protected driver standard.

Dimming:

LED drivers delivers smooth continuous dimming.

Installation:

Remote driver allows for an easy installation to stud while the spring loaded clips in the fixture allow for quick installation while pulling the fixture flush to the mounting hole.

Listings:

ETL listed to US and Canadian safety standards. Wet location listed. IC Rated. For use in ambient operating temperatures ranging from -30°C to 105°C.

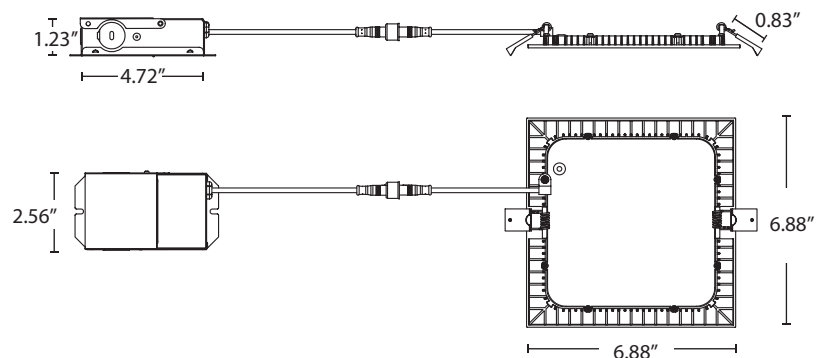
Warranty:

5-year limited warranty.

NOTE: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

LINE DRAWING

Ceiling Opening: 6 1/2" x 6 1/2" (165mm x 165mm)





CONTRACTOR:	
PROJECT:	DATE:
PREPARED BY:	MODEL#:

ORDERING INFORMATION

Sample: CLY6SQ-30K/WH

SERIES	SIZE	SHAPE	COLOR TEMP.	COLOR
CLY	[6] : 6"	[SQ] : Square	[-30] : 3000K	[/WH] : WHITE
			[-40] : 4000K	
			[-50] : 5000K	

PERFORMANCE SPECIFICATIONS

SERIES	LUMENS	LPW	MAX WATTAGE	AMPS @ 120V
CLY6SQ	981	72	13.5	0.121

GENERAL DRIVER INFORMATION

Electrical Specifications	13.5W
Input	
Input Voltage (VAC)	120V
Frequency Range (Hz)	60 Hz (+/- 10%)
	120V
Input Current Max (A) Per Driver	0.12
THD @ Full Load	< 20%
Efficiency @ Full Load	80%
Power Factor @ Full Load	> 0.9
Output	
Output Voltage (VDC)	35-42VDC
Output Current (mA) Per Driver	290mA

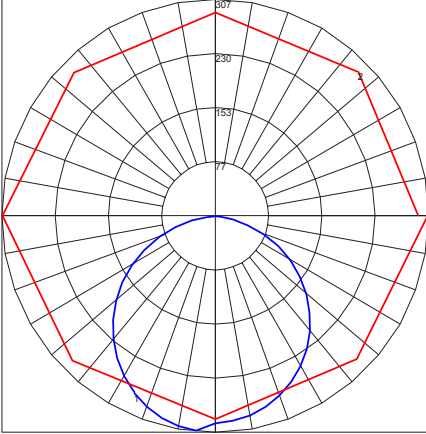


CONTRACTOR:	
PROJECT:	DATE:
PREPARED BY:	MODEL#:

PHOTOMETRIC REPORTS

POLAR GRAPH

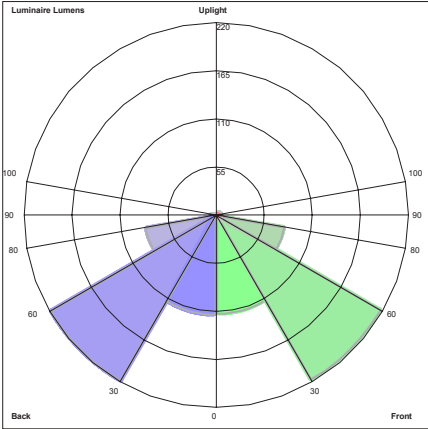
IES ROAD REPORT
 PHOTOMETRIC FILENAME : CLY6SQ.IES
 POLAR GRAPH



Maximum Candela = 306.806 Located At Horizontal Angle = 180, Vertical Angle = 5
 # 1 - Vertical Plane Through Horizontal Angles (180 - 0) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

LUMINAIRE CLASSIFICATION GRAPH

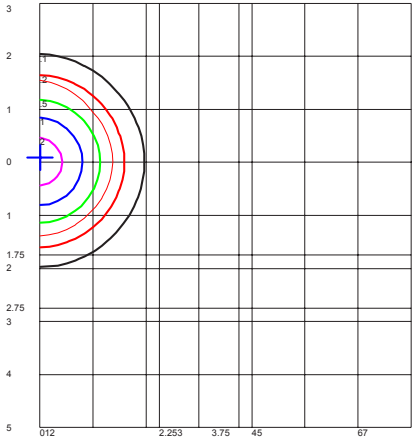
IES ROAD REPORT
 PHOTOMETRIC FILENAME : CLY6SQ.IES
 LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
 Front=113.7, Medium=217.9, High=79.8, Very High=6.7
 Back=Low=114.9, Medium=219.6, High=82.8, Very High=7.8
 Uplight: Low=0.0, High=0.0
 BUG Rating : B1-U1-G0

ISOCANDELA PLOT

IES ROAD REPORT
 PHOTOMETRIC FILENAME : CLY6SQ.IES
 ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height
 Values Based On 10 Foot Mounting Height
 1/2 Maximum Candela Trace Shown As Dashed Curve
 (+) = Maximum Candela Point