



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

## SERIES SPECIFICATIONS



### CLY4SQ

#### 4" 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 CLY4SQ series has a beam spread of 100°.

#### Electrical:

70% lumen maintenance at >40,000 hours. Long-life LEDs, coupled with high-efficiency drivers, provide extended service life. The CLY4SQ delivers up to 71 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.

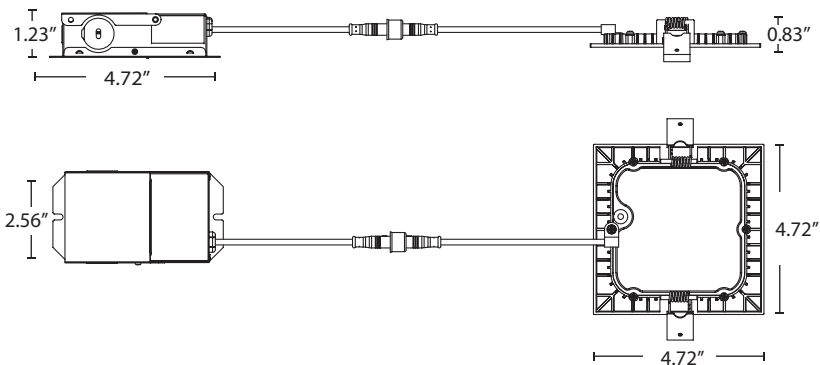
#### Warranty:

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 : 4 1/4" x 4 1/4" ( 108mm x 108mm )





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## ORDERING INFORMATION

Sample: CLY4SQ-30K/WH

SERIES	SIZE	Shape	COLOR TEMP.	COLOR
CLY	[ 4 ] : 4"	[ SQ ] : Square	[ -30K ] : 3000K	[ /WH ] : WHITE
			[ -40K ] : 4000K	
			[ -50K ] : 5000K	

## PERFORMANCE SPECIFICATIONS

SERIES	LUMENS	LPW	MAX WATTAGE	AMPS @ 120V
CLY4SQ	750	71	10.5	0.095

### GENERAL DRIVER INFORMATION

ELECTRICAL SPECIFICATIONS	10.5W
Input	
Input Voltage (VAC)	120V
Frequency Range (Hz)	60 Hz (+/- 10%)
	120V
Input Current Max (A) Per Driver	0.1
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	240mA

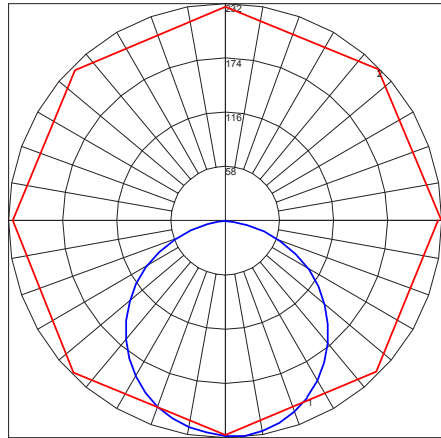


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PHOTOMETRIC REPORTS

POLAR GRAPH

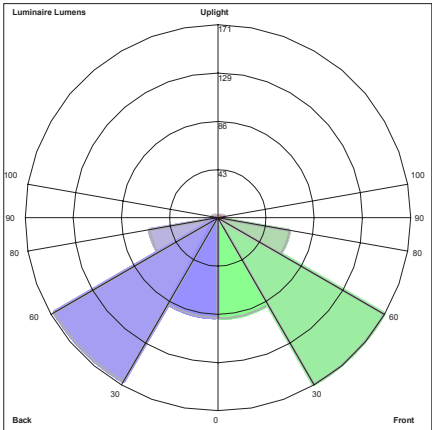
IES ROAD REPORT  
PHOTOMETRIC FILENAME : CY4SQ.IES  
POLAR GRAPH



Maximum Candela = 232.291 Located At Horizontal Angle = 0, Vertical Angle = 5  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

LUMINAIRE CLASSIFICATION GRAPH

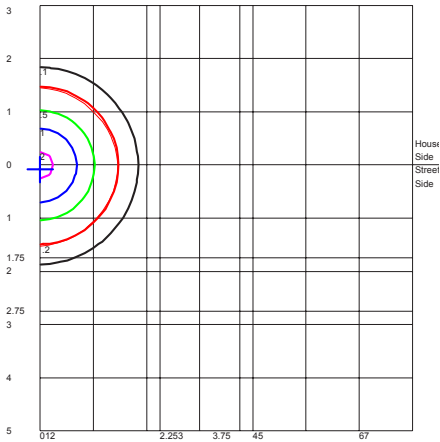
IES ROAD REPORT  
PHOTOMETRIC FILENAME : CY4SQ.IES  
LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=90.0, Medium=171.3, High=65.2, Very High=6.8  
Back: Low=89.3, Medium=168.4, High=62.3, Very High=5.9  
Uplight: Low=0.0, High=0.0  
BUG Rating : B0-Up-G0

ISOCANDELA PLOT

IES ROAD REPORT  
PHOTOMETRIC FILENAME : CY4SQ.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