



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

## SERIES SPECIFICATIONS



### CLY4

#### 4" Round 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 CLY4 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 CLY4 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.

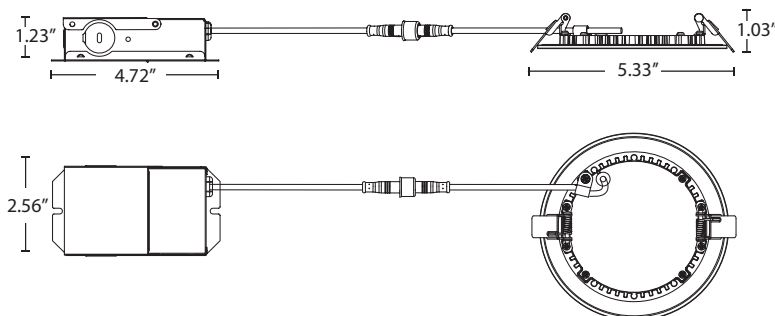
#### Warranty:

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:  $\varnothing$  4 1/4" (108mm)





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## ORDERING INFORMATION

EXAMPLE: CLY4-27K/WH

SERIES	SIZE	COLOR TEMP.	COLOR
CLY	[ 4 ] : 4"	[ -27 ] : 80CRI 2700K	[ /WH ] : WHITE
		[ -30 ] : 80CRI 3000K	[ /BK ] : BLACK
		[ -40 ] : 80CRI 4000K	[ /SN ] : SATIN
		[ -50 ] : 80CRI 5000K	[ /MO ] : MOCHA

## PERFORMANCE SPECIFICATIONS

SERIES	LUMENS	LPW	MAX WATTAGE	AMPS @ 120V
CLY4	750	71	10.5	0.095

## GENERAL DRIVER INFORMATION

ELECTRICAL SPECIFICATIONS	10.5W
<b>Input</b>	
Input Voltage (VAC)	120V
Frequency Range (Hz)	60 Hz (+/- 10%)
	<b>120V</b>
Input Current Max (A) Per Driver	0.1
THD @ Full Load	< 20%
Efficiency @ Full Load	> 80%
Power Factor @ Full Load	> 0.9
<b>Output</b>	
Output Voltage (VDC)	35-42VDC
Output Current (mA) Per Driver	240mA

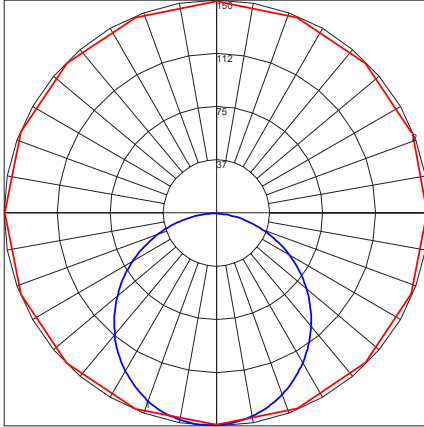


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**PHOTOMETRIC REPORTS**

**POLAR GRAPH**

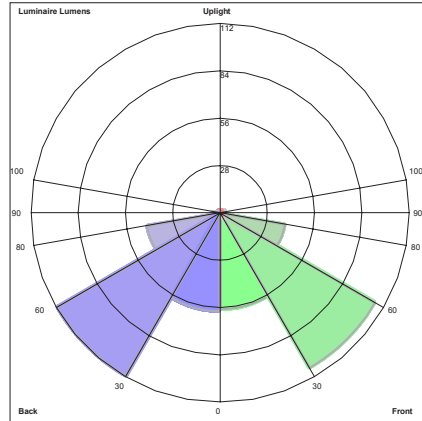
IES ROAD REPORT  
 PHOTOMETRIC FILENAME : RSZ180606501-10\_IESNA2002.IES  
 POLAR GRAPH



Maximum Candela = 149.84 Located At Horizontal Angle = 202.5, Vertical Angle = 3  
 # 1 - Vertical Plane Through Horizontal Angles (202.5 - 22.5) (Through Max. Cd.)  
 # 2 - Horizontal Cone Through Vertical Angle (3) (Through Max. Cd.)

**LUMINAIRE CLASSIFICATION GRAPH**

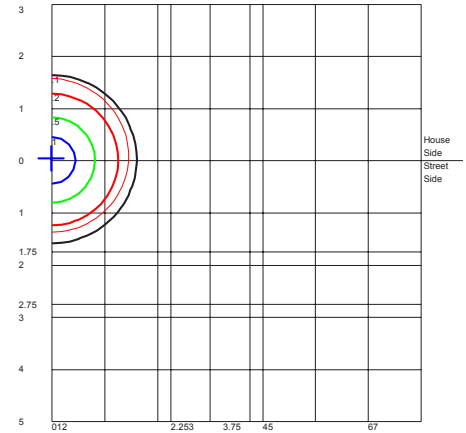
IES ROAD REPORT  
 PHOTOMETRIC FILENAME : RSZ180606501-10\_IESNA2002.IES  
 LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
 Front: Low=57.3, Medium=106.1, High=39.4, Very High=3.7  
 Back: Low=59.4, Medium=111.0, High=44.3, Very High=5.4  
 Uplight: Low=0.0, High=0.4  
 BUG Rating : B0-U1-G0

**ISOCANDELA PLOT**

IES ROAD REPORT  
 PHOTOMETRIC FILENAME : RSZ180606501-10\_IESNA2002.IES  
 ISOCANDELA 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