



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

DESCRIPTION



CSLNLED Series

The CSLNLED narrow strip contractor series is suitable for general purpose lighting in a wide variety of environments.



FEATURES AND SPECIFICATIONS

Intended Use

The CSLNLED narrow strip contractor series is suitable for use in a wide variety of applications such as open offices, private offices, conference rooms, reception areas, retail, hallways, industrial assembly, retail open areas and educational facilities.

Construction

The body is constructed of steel with white painted parts are treated with a five stage phosphate bonding process and finished with high reflectance baked enamel.

Optics

Diffusion wrap around lens for smooth light distribution.

Electrical

Long-life LEDs, coupled with high-efficiency drivers, provide extended service life. The CSLNLED delivers up to 120 lumens per watt. Thermally protected driver standard.

Dimming

LED drivers deliver dimming from a 0-10V control signal. Dims to 10% standard.

Installation

Fixture is suitable for surface mount.

Listings

UL listed to US and Canadian safety standards. Damp location listed. For use in ambient operating temperatures ranging from -20°C to 40°C.

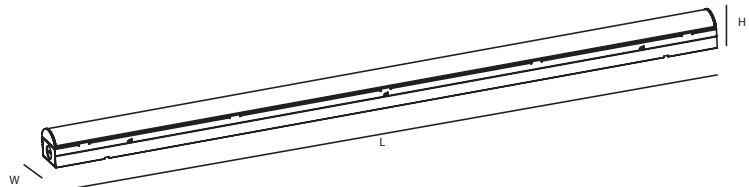
Warranty

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

DIMENSION	L	W	H
4FT	46"	2.36"	2.36"
8FT	91.5"	2.36"	2.36"





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

ORDERING INFORMATION

EXAMPLE: CSLNLED4-36D1L840

SERIES	SIZE	LUMEN & # OF DRIVERS	CRI	COLOR TEMP
CSLNLED	[4] : 4' [8] : 8'	[-36D1] : 3600 Lumens [-72D1] : 7200 Lumens	[L8] : CRI±80	[40] : 4000K [50] : 5000K

PERFORMANCE SPECIFICATIONS

SERIES	LUMEN PACKAGE	WATTAGE	LUMENS	LPW
CSLNLED4-36D1	3600	30W	3600	120
CSLNLED8-72D1	7200	60W	7200	120

GENERAL DRIVER INFORMATION

ELECTRICAL SPECIFICATIONS		ENVIRONMENTAL SPECIFICATIONS	
Type	Constant Current, Class 2	Ambient Range	-25°C to 55°C
Input		Max. Storage Temp.	65°C
Input Voltage (VAC)	120V-277V (+/- 10%)	Max. Relative Humidity	95% non-condensing
Frequency Range (Hz)	50-60 Hz (+/- 10%)	EMI Compliance	FCC Part 15 Class B
THD @ Full Load	<20%		
Efficiency @ Full Load	>85%		
Inrush Current (Apk, T@50% of Apk) Per Driver	20A @ 120VAC (cold start, μ s at 50% Ipeak)		
Power Factor @ Full Load	0.9		
Output			
Load Regulation	<5%		
Line Regulation	<5%		
Output Short-Circuit Protection	Yes, non-latching		

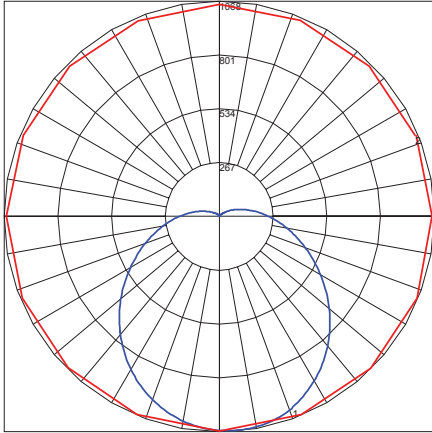


CONTRACTOR:	
PROJECT:	DATE:
PREPARED BY:	MODEL#: CSLNLED

PHOTOMETRIC REPORTS

POLAR GRAPH

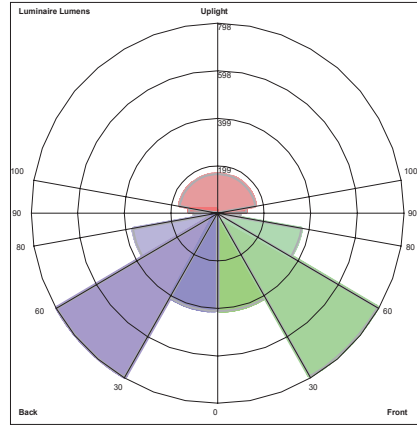
IES ROAD REPORT
 PHOTOMETRIC FILENAME : CSLNLED4-36D1L850.IES
 POLAR GRAPH



Maximum Candela = 1067.66 Located At Horizontal Angle = 292.5, Vertical Angle = 5
 # 1 - Vertical Plane Through Horizontal Angles (292.5 - 112.5) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

LUMINAIRE CLASSIFICATION GRAPH

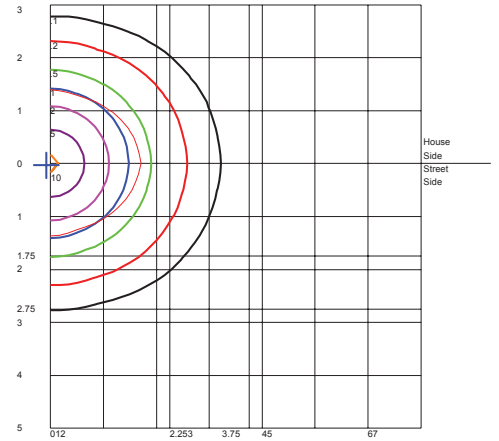
IES ROAD REPORT
 PHOTOMETRIC FILENAME : CSLNLED4-36D1L850.IES
 LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
 Front: Low=413.1, Medium=793.3, High=367.9, Very High=100.9
 Back: Low=412.8, Medium=797.6, High=371.6, Very High=102.6
 Uplight: Low=125.9, High=167.9
 BUG Rating : B1-U3-G2

ISOCANDELA PLOT

IES ROAD REPORT
 PHOTOMETRIC FILENAME : CSLNLED4-36D1L850.IES
 ISOFOTCANDELA 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