



PROJECT:	
LOCATION:	
MODEL#:	TYPE:
CLIENT:	QTY:
PREPARED BY:	DATE:

## CTNLED4-80DLCRL850

### SERIES SPECIFICATIONS



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The CTNLED series are suitable for wet environments with an IP67 rating. They can be used in many locations that need a more capable or robust design such as food processing facilities, carwashes or where high pressure wash down is required.

#### Intended Use

The CTNLED Series of LED fixtures boasts an IP67 rating, making it suitable for wash down environment. The fixture is rated for an ambient temperature of -40°C to 50°C, making this robust fixture suited for locations such as food processing facilities, carwashes, and industrial freezers.

#### Construction

One piece molded reinforced fiberglass housing for strength and durability while allowing for safe, easy installation. The fixture comes with a poured in place continuous sealing gasket.

#### Optics

Injection molded ribbed acrylic high impact lens helps to diffuse the LED source pixilation, without compromising light output. Opaque lens is optional consult factory.

#### Electrical

Long-life LEDs PCB mounted, coupled with high-efficiency drivers, provide extended service life. The CTNLED4 delivers up to 124 lumens per watt. Driver disconnects is provided where required to comply with U.S. and Canadian codes. Thermally protected driver standard.

#### Dimming

LED drivers deliver dimming from a 0-10V control signal.

#### Installation

Drivers and internal components are accessible from the floor in standard products. LED boards include plug-in connectors for future upgrades. Not intended for continuous row mounting. Removable end plug for installation of 1/2" conduit for end-to-end connection. This fixture may be surface mounted on surfaces such as ceilings and walls. Mounting brackets included.

#### Listings

UL listed to US and Canadian safety standards. Wet location listed. Fixtures are IP67 rated: protected from dust ingress and liquid immersion between 15 centimeters and 1 meter in depth. Fixtures are Assembled in America. NSF certified for Splash Zone and Non-Food Zone. DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

#### Warranty

5-year limited warranty.



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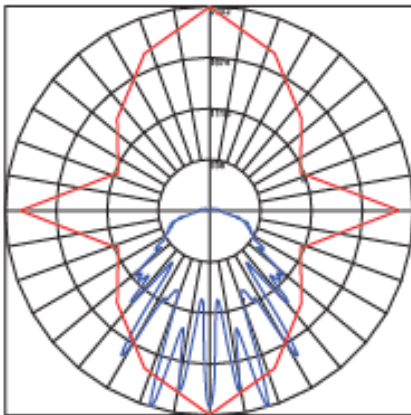
### LUMINAIRE SPECIFICATIONS

**Efficacy:** 121lm/W  
**Lumen Output:** 8,000lm

### PHOTOMETRIC REPORTS

#### POLAR GRAPH

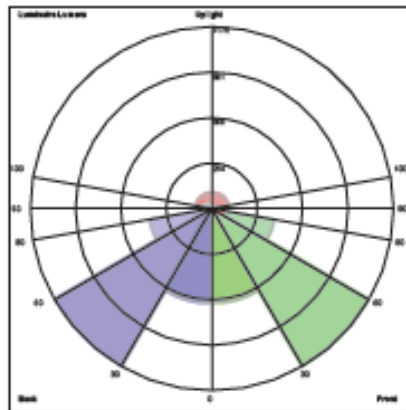
IES ROAD REPORT  
 PHOTOMETRIC FILENAME: CTNLSM4801LCL1L480.IES  
 POLAR GRAPH



Maximum Candela = 2232 Located At Horizontal Angle = 90, Vertical Angle = 18.5  
 # 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)  
 # 2 - Horizontal Plane Through Vertical Angle (18.5) (Through Max. Cd.)

#### LUMINAIRE CLASSIFICATION GRAPH

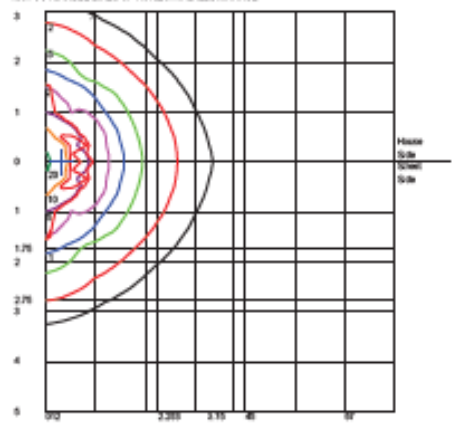
IES ROAD REPORT  
 PHOTOMETRIC FILENAME: CTNLSM4801LCL1L480.IES  
 LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Location:  
 Field Location: 1, Angle: 113.1, Height: 0.2, View Right: 1.4  
 Back Location: 1, Angle: 176.1, Height: 0.2, View Right: 1.4  
 Sight Line: 79.3, Height: 0.8  
 800/1800 85/10/01

#### ISOCANDELA PLOT

IES ROAD REPORT  
 PHOTOMETRIC FILENAME: CTNLSM4801LCL1L480.IES  
 ISOCANDELA LINES OF HORIZONTAL ILLUMINANCE



Distances in Units of Mounting Height  
 Values Based On 10 Foot Mounting Height  
 10 Maximum Candela Trace Shown As Dashed Curve  
 01 - Maximum Candela Point

### LAMP SPECIFICATIONS

**Lamp Type:** LED Boards

### LIGHT SOURCE SPECIFICATIONS

**Nominal CCT:** 5000K

### ELECTRICAL SPECIFICATIONS

**Rated Input Voltage Range:** 120-277VAC  
**Wattage:** 53W

### CERTIFICATIONS

**Performance Certifications:** BAA Compliant / NSF / DLC  
**Safety Certifications:** UL Listed



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## ENVIRONMENTAL SPECIFICATIONS

**IP Rating:** IP67  
**Temperature Rating Range:** -40 - 50°C

**UL Location Rating:** Wet Location

## PHYSICAL SPECIFICATIONS

**Finish Color:** White  
**Finish Type:** Matte  
**Housing Material:** Fiberglass  
**Lens Material:** Acrylic

**Mounting:** Surface Mounting  
**Weight:** 7.34lbs

## WARRANTY INFORMATION

**Warranty:** 5 Years



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### ORDERING INFORMATION

EXAMPLE: CTNLED4-80DLCRL850

SERIES	SIZE	LUMENS	VOLTAGE	LENS	CRI	COLOR TEMP	OPTIONS
CTNLED	[ 2 ] : 2'	[ -20 ] : 2000 LUMENS	[ D ] : 120-277VAC [ E ] : 277-480VAC	[ LCR ] : Clear Ribbed Lens [ FR ] : Frosted Lens	[ LB ] : CRI 80+	[ 35 ] : 3500K [ 40 ] : 4000K [ 50 ] : 5000K	[ BLANK ] : No option [ OS ] : Wash-down occupancy sensor [ EM ] : 10% Emergency back-up [ SS ] : Stainless Steel Clips [ EM-DC ]* : 10% Emergency back-up Cold Temp -20°C - 50°C
		[ -40 ] : 4000 LUMENS					
	[ 4 ] : 4'	[ -40 ] : 4000 LUMENS					
		[ -60 ] : 8000 LUMENS					
		[ -80 ] : 8000 LUMENS					
	[ 8 ] : 8'	[ -100 ] : 10000 LUMENS					
		[ -40 ] : 4000 LUMENS					
		[ -60 ] : 8000 LUMENS					
		[ -80 ] : 8000 LUMENS					
		[ -100 ] : 10000 LUMENS					
		[ -200 ] : 20000 LUMENS					
		[ -250 ] : 25000 LUMENS					

\* EM-DC is -20°C - 50°C.

### PERFORMANCE SPECIFICATIONS

SERIES	LUMEN PACKAGE	LUMENS @ 4000K	LPW @ 4000K	LUMENS @ 5000K	LPW @ 5000K	MAX WATTAGE
CTNLED2-40	4000	4036	119	4044	119	34
CTNLED4-40	4000	4036	119	4044	119	34.35
CTNLED4-80	8000	5810	120	5875	119	48.95
CTNLED4-80	8000	8256	121	7894	115	83.34
CTNLED4-100	10000	10767	124	10588	122	87.72

### SHIPPING SPECIFICATIONS

#### Case

**Weight:** 8.5

#### Master Case

**Height:** 4.75 in.

**Length:** 52.75 in.

**QTY:** 1

**Weight:** 8.5lbs

**Width:** 7.25 in.