



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

**DESCRIPTION**



**CTNLED Series**

The CTNLED series of LED fixtures 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, car-washes or where high pressure wash down is required.



**FEATURES & SPECIFICATIONS**

**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, car-washes, 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 disconnect 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.

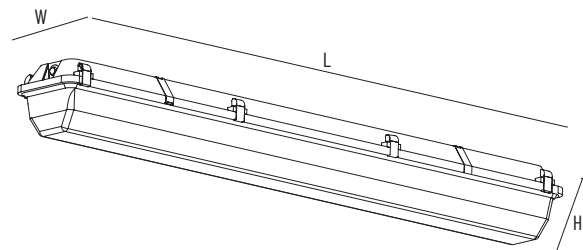
**Warranty**

5-year limited warranty.

**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**

DIMENSIONS	L	W	H
2FT	27.75"	6.75"	4.25"
4FT	51.875"	6.75"	4.25"
8FT	100.125"	6.75"	4.25"





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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	[ L8 ] : 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-CC ]* : 10% Emergency back-up Cold Temp -20°C - 50°C
		[ -40 ] : 4000 LUMENS					
	[ 4 ] : 4'	[ -40 ] : 4000 LUMENS					
		[ -60 ] : 6000 LUMENS					
		[ -80 ] : 8000 LUMENS					
		[ -100 ] : 10000 LUMENS					
	[ 8 ] : 8'	[ -40 ] : 4000 LUMENS					
		[ -60 ] : 6000 LUMENS					
		[ -80 ] : 8000 LUMENS					
		[ -100 ] : 10000 LUMENS					
		[ -200 ] : 20000 LUMENS					
		[ -250 ] : 25000 LUMENS					

\* EM-CC 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
CTNLED4-60	6000	5910	120	5875	119	49.95
CTNLED4-80	8000	8256	121	7894	115	69.34
CTNLED4-100	10000	10767	124	10588	122	87.72

APPLICATION AND PERFORMANCE SPECIFICATION IS SUBJECT TO CHANGE WITHOUT NOTIFICATION

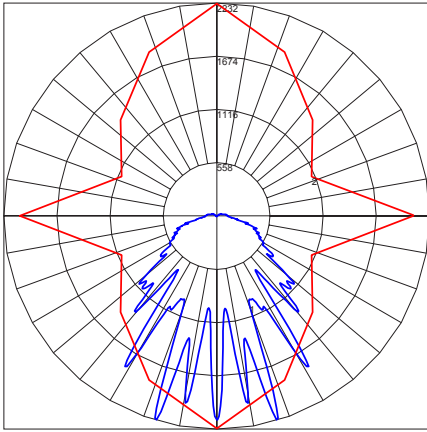


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**PHOTOMETRIC REPORTS**

**POLAR GRAPH**

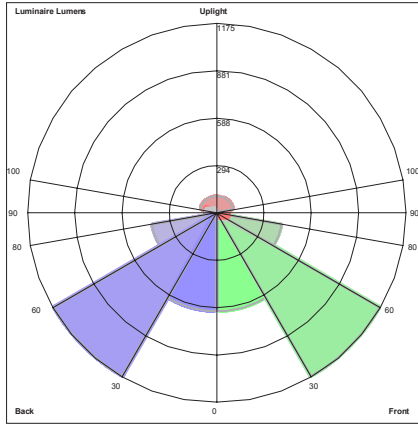
IES ROAD REPORT  
PHOTOMETRIC FILENAME : CTNLED4-40D1LCR1L840.IES  
POLAR GRAPH



Maximum Candela = 2232 Located At Horizontal Angle = 90, Vertical Angle = 16.5  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (16.5) (Through Max. Cd.)

**LUMINAIRE CLASSIFICATION GRAPH**

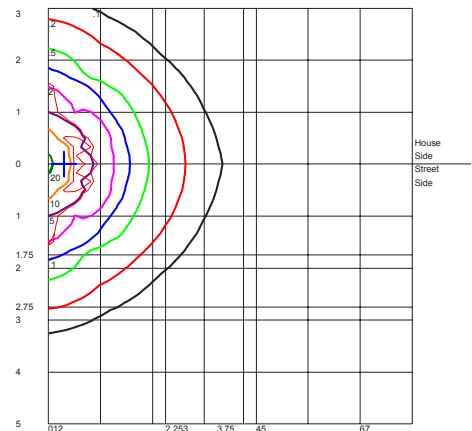
IES ROAD REPORT  
PHOTOMETRIC FILENAME : CTNLED4-40D1LCR1L840.IES  
LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:  
Front: Low=614.1, Medium=1175.1, High=413.2, Very High=71.4  
Back: Low=614.1, Medium=1175.1, High=413.2, Very High=71.4  
Uplight: Low=79.3, High=108.0  
BUG Rating : B2-U3-G1

**ISOCANDELA PLOT**

IES ROAD REPORT  
PHOTOMETRIC FILENAME : CTNLED4-40D1LCR1L840.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