



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

DESCRIPTION



CTWLED Series

The CTWLED 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.



CONSTRUCTION

Intended Use

The CTWLED 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. Stainless steel latches standard.

Optics

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

Electrical

Long-life LEDs PCB mounted, coupled with high-efficiency drivers, provide extended service life. The CTWLED4 delivers up to 144 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. Dims to 10% standard.

Installation

Drivers and internal components are accessible from the floor in standard products. LED boards include plug-in connectors for future upgrades. Damp location listed. 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.

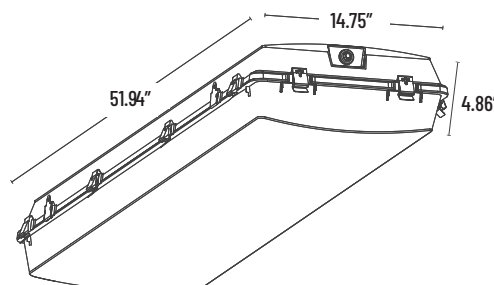
Warranty

5-year limited warranty.

IMPORTANT: In order to maintain proper operation and warranty coverage for units with Emergency back up, the battery must be recharged once per year prior to installation.

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





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ORDERING INFORMATION

EXAMPLE: CTWLED4-40DLCR1L840

SERIES	SIZE	LUMENS	VOLTAGE	LENS	CRI	COLOR TEMP	OPTIONS
CTWLED	[4] : 4'	[-40] : 4000 Lumens	[D] : 120-277VAC [E] : 277-480VAC	[LCR1] : 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
		[-60] : 6000 Lumens					
		[-80] : 8000 Lumens					
		[-100] : 10000 Lumens					
		[-150] : 15000 Lumens					
		[-175] : 17500 Lumens					
		[-225] : 22500 Lumens					
		[-300] : 30000 Lumens					

PERFORMANCE SPECIFICATIONS

SERIES	LUMEN PACKAGE	LUMENS @ 35K	LPW @ 35K	LUMENS @ 4K	LPW @ 4K	LUMENS @ 5K	LPW @ 5K	MAX WATTAGE	AMPS @ 120V	AMPS @ 277V
CTWLED4-40	4000	3663	135	4009	142	3931	139	28	0.24	0.10
CTWLED4-60	6000	5866	128	6119	135	6014	132	46	0.24	0.17
CTWLED4-80	8000	7818	139	7943	144	7833	141	56	0.47	0.20
CTWLED4-100	10000	10734	131	11089	137	11030	136	82	0.68	0.30
CTWLED4-150	15000	14988	122	15741	129	15396	127	123	1.02	0.44
CTWLED4-175	17500	17826	116	18671	123	18367	121	153	1.28	0.55
CTWLED4-225	22500	23331	118	24325	124	24140	123	198	1.65	0.72
CTWLED4-300	30000	27573	112	28493	117	29110	118	247	2.06	0.89

APPLICATION AND PERFORMANCE SPECIFICATION IS SUBJECT TO CHANGE WITHOUT NOTIFICATION

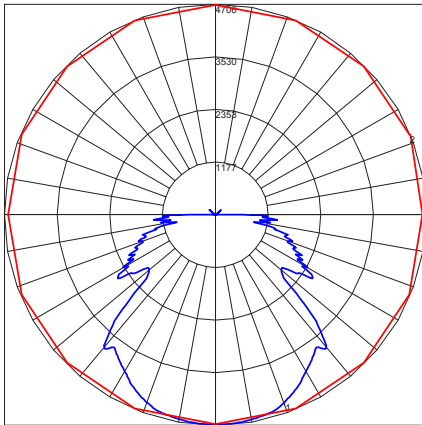


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PHOTOMETRIC REPORTS

POLAR GRAPH

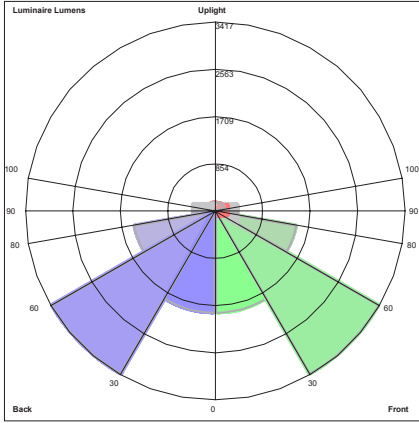
IES ROAD REPORT
PHOTOMETRIC FILENAME : CTWLED4-150D2L830.IES
POLAR GRAPH



Maximum Candela = 4706 Located At Horizontal Angle = 87.5, Vertical Angle = 5
1 - Vertical Plane Through Horizontal Angles (87.5 - 247.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

LUMINAIRE CLASSIFICATION GRAPH

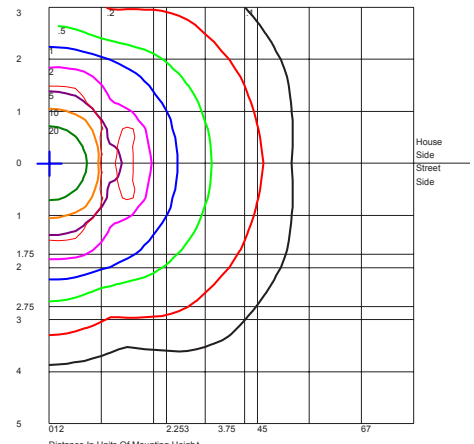
IES ROAD REPORT
PHOTOMETRIC FILENAME : CTWLED4-150D2L830.IES
LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=1851.8, Medium=3417.1, High=1492.8, Very High=425.3
Back: Low=1051.6, Medium=3417.1, High=1492.8, Very High=425.3
Uplight: Low=245.7, High=176.8
BUG Rating : B3-U3-G3

ISOCANDELA PLOT

IES ROAD REPORT
PHOTOMETRIC FILENAME : CTWLED4-150D2L830.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