BARRON TRACE LITE

TLED-C

SURFACED OR RECESSED LED CANOPY LIGHT

Model Number:

Accessories:

Type:

Job:

Approvals:

DESCRIPTION

The TLED-C series canopy's low profile design combined with a high performance LED light source and superior thermal management makes it an attractive, energy saving choice. Constructed of die formed and welded aluminum, the TLED-C series design has been engineered to provide a LED canopy luminaire that delivers optimum optical performance and lamp longevity in an attractive and durable housing. the TLED-C uses a UV resistant powder coated finish to protect against the elements and is ETL listed for wet locations. The TLED-C incorporates contractor friendly features that allow for ease of installation by a single person. Available LED light engines with total system watts of 31 or 57 and lumen outputs of 1694 or 3032 the TLED-C provides a energy saving solution to a wide spectrum of applications including, but not limited to security lighting in schools, office complexes, light commercial development, apartments, parking garages, entryways, and stairwells.

SPECIFICATIONS

Construction:
The TLED-C's precision die formed aluminum housing features clean architectural lines and integral thermal management. The housing is fabricated using 1/8" Aluminum plate, which not only provides strength and durability but also acts as a substantial heat sink and allows for optimum performance and durability of the LED light engine without sacrificing design aesthetics or increasing the overall dimensions of the housing. LEDLITElogic heat sinking technology moves heat away from the LEDs by taking advantage of thermal convection dynamic properties and maximizing system performance that delivers up to a 70,000 hour life with 70% lumen maintenance. The TLED-C is ETL listed for wet locations, and incorporates a UV resistant, long lasting, polyester based powder coated finish.

Optics:
Our TLED-C series canopy luminaire delivers exceptional light quality, efficiency and light distribution with an optical design that provides a balanced distribution using either the 12 LED or 24 LED light engine. The TLED-C's stabilized polycarbonate lens is specifically designed to distribute light where it is needed in the most efficient way possible making it the ideal low power utility luminaire.

Electrical:
A choice of two performance levels are available in the TLED-C series with LED light engines with either 12 or 24 LEDs, drawing 31 or 57 total watts and providing 1694 or 3032 initial delivered lumens, ee chart on Page 2 for complete performance figures. The available LED light engine wattages are powered by constant voltage control drivers and provide up to a 70,000 hour rated life with 70% lumen maintenance, a 4500K to 5000K CCT, and a CRI of ≥75. All drivers are Class 2 power supplies with input voltage range of 120VAC to 277AVC, providing a Class A EMI rating and a high power factor of ≥0.90. The TLED-C is suitable for operation in -40°C (-40°F) to 40°C (104°F) ambient conditions.

LEDLITElogic

Environmentally Friendly Design:
TLED-C luminaires consume very little energy and provide long life in comparison to traditional lamp technologies. Our manufacturing process utilizes no hazardous substances such as mercury or lead. The LED-C is RoHS (Restriction of Hazardous Substances) compliant, 100% recyclable, and provides a significant reduction in Kw load and carbon emissions.

Installation:
The TLED-C series can be installed and wired by a single person, the base plate easily attaches to a 3" or 4" J-box, and the fixture housing is attached to the base plate by four captive fasteners. The TLED-C can be surface mounted to a recessed J-box or pendant mounted using a standard ½" threaded downrod (supplied by others). The TLED-RC is a recessed canopy luminaire suitable for new work or retrofits.

Testing & Compliance:
The reliability and performance of the TLED-C is evaluated in accordance with the parameters outlined and reported by LM-79 and LM-80 documents. Photometric data is tested to IESNA LM-79-08 standard by an independent testing laboratory. Lumen maintenance, L70 a measure of long term reliability, is determined for the light source, which consists of the LED and PSB sub-assembly as installed in the luminaire, is determined using LM-80 in situ thermal and reliability data as provided by the LED manufacturer in accordance with DOE/ EPA standards.

Listing:
The TLED-C is ETL certified under UL1598 specifications and is IP65 rated.

Warranty:
The TLED-C LEDLITElogic series features a 5 year warranty.

SPECIFICATIONS ARE SUBJECT
TO CHANGE WITHOUT NOTICE

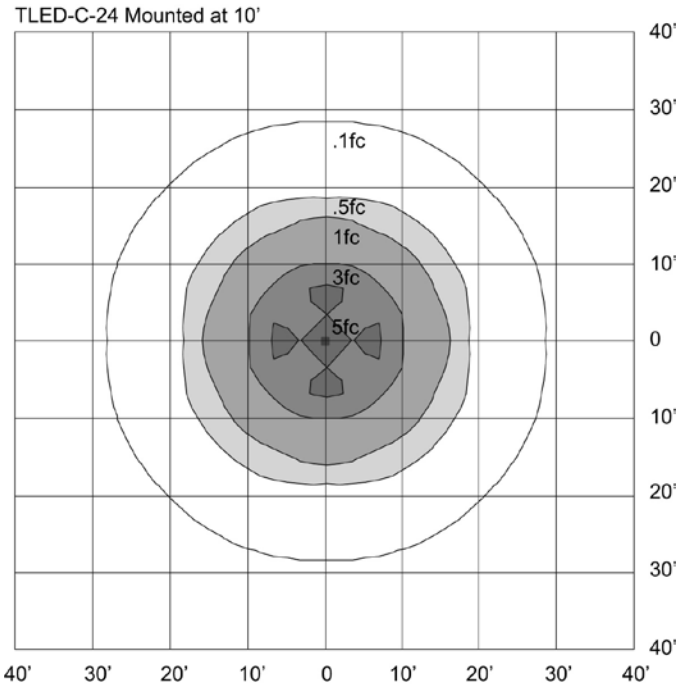
RoHS COMPLIANT

INTERTEK ETL LISTED

Fixture Performance					
Part Number	**Initial Lumens**	**Lumens per Watt (LPW)**	**Total Watts**	**L70 Hours @ 25°C**	**BUG Ratings**
TLED-C-12-DT	1694	55	31	70,000	B1-U1-G1
TLED-C-24-DT	3032	54	57	60,000	B1-U1-G1

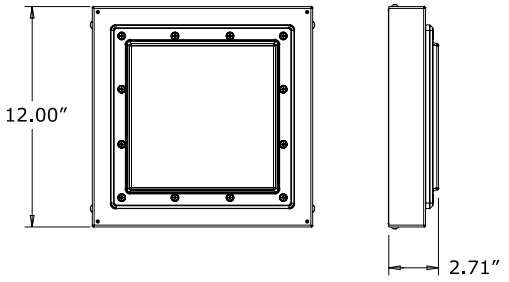
NOTE: Lumen maintenance and life (part of LM-80 data) are per published information from primary LED suppliers and is based on design operation at their specified thermal management and electrical design parameters.

SAMPLE PHOTOMETRICS

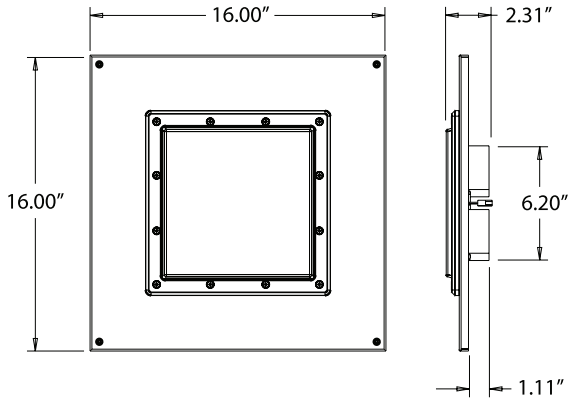


DIMENSIONS

SURFACE



RECESSED



Approximate Weight: 14 lbs.

ORDERING INFORMATION

TLED-C/RC	12	MV	SLV	PC1
SERIES	# OF LEDS	INPUT VOLTAGE	HOUSING COLOR	ACCESSORIES[1] (Field Installed)
TLED-C = Surface Mount TLED-RC = Recessed Mount	12 = 12 LEDS 24 = 24 LEDS	DT = 120 to 277VAC	WH = White BL = Black BR = Bronze SLV = Silver	PC1 = 120VAC Photocontrol PC2 = 208-277VAC Photocontrol

[1] Order As Separate Line Item

BARRON lighting group

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