

Model Number:

Approvals:

Accessories:

Type:

Job:

**DESCRIPTION**

The TLED603 series cobrahead style roadway fixture’s architectural design combined with a high performance LED light source makes it an attractive and smart choice. Constructed of die cast aluminum, the TLED603 uses a UV resistant powder coated finish to protect against the elements and is UL listed for wet locations. The TLED603 incorporates contractor friendly features that allow for ease of installation and future maintenance. Available in 50 watts, the TLED603 is ideal for many applications including roadways, parking areas, office complexes, light commercial, and recreational facilities.

**SPECIFICATIONS**

**Construction:**

Precision molded die cast aluminum housing with hinged access door offers durable performance and classic aesthetics. The TLED603 fixture is completely sealed and gasketed, is UL listed for Wet Locations, with stainless steel captive fasteners. TLED603 also incorporates a UV resistant, long lasting powder coated finish.

**Optics:**

TLED603 series cobrahead style roadway fixture delivers exceptional light quality, efficiency and light distribution. The 50 watt LED light engine powered by constant current control driver provides a 50,000 hour rated life, 70% lumen maintenance, a 6100K CCT and a CRI of ≥85. A low LED thermal junction (Tj) of 70°C (158°F) at a design ambient of 25°C (77°F) supports long life and low lumen depreciation.

**Electrical:**

LED light engines and drivers are securely mounted directly to the finned aluminum heat sink and the die cast aluminum housing, respectively, optimizing thermal management. LEDLITElogic heat sinking technology moves heat away from the LEDs maximizing system performance and delivering 50,000+ hour life with >70% lumen maintenance. The TLED603 series operates from 120-277V 50/60Hz with an auto-ranging voltage controlled circuit and simple two (2) wire input. The TLED603 is suitable for operation in -30°C (-22°F) to 40°C (104°F) ambient conditions. Optional transient surge protection and twist-lock photocontrols are available.

**Environmentally Friendly Design:**

TLED603 luminaires consume very little energy and provide long life in comparison to traditional lamp technologies. Our manufacturing process utilizes no harmful chemicals such as mercury or lead and the LED light engines emit an extremely low UV and minimal heat. The compact design allows for the use of fewer materials and is recyclable, resulting in less overall waste.

**Installation:**

The TLED603 series features a four (4) bolt saddle strap that secures the luminaire to any standard 2” mast arm. The housing of the TLED603 allows for the installation of an optional twist-lock photocontrol.

**IESNA LM-79 and LM-80:**

The TLED603 is evaluated in accordance with the parameters outlined and reported by LM-79 and LM-80 documents.

**Listing:**

UL Listed for wet locations.

**Warranty:**

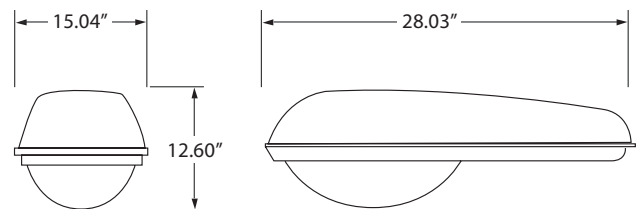
The TLED603 LEDLITElogic series features a 5 year warranty.



Fixture Performance			
Watts	Lumens	Lumens per Watt (LPW)	Total Watts
50	4300	86	64

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.

**DIMENSIONS**



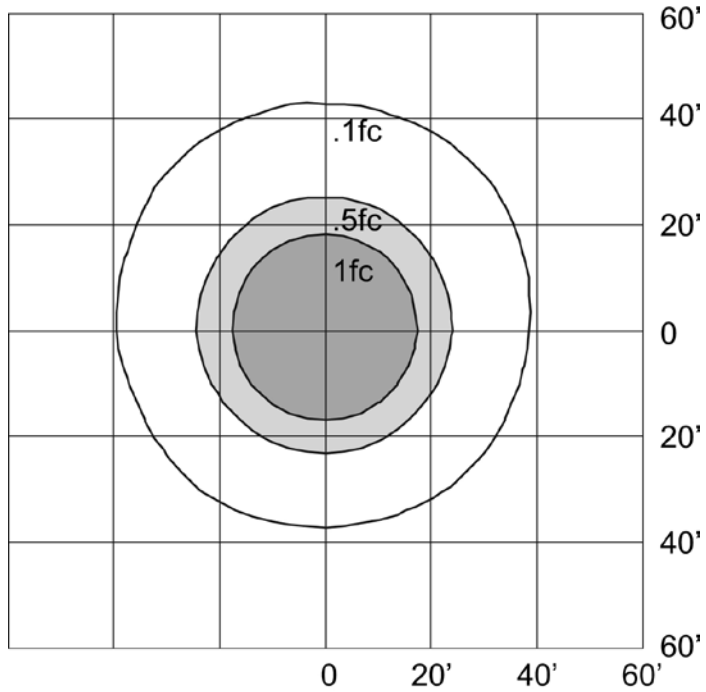
Approximate Weight: 20 lbs



SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

**SAMPLE PHOTOMETRICS**

TLED603-50 Mounted at 20'



**ORDERING INFORMATION**

<b>TLED603</b>	<b>50</b>	<b>DT</b>	<b>TP</b>	<b>PC1-TL</b>
SERIES	TOTAL WATTS	VOLTS	OPTIONS (Factory Installed)	ACCESSORIES <sup>1</sup> (Field Installed)
TLED603	50 = 50 Watts	DT = 120/277V	TP = Transient Protection System RECEP = Twistlock Photocontrol Receptacle	PC1-TL = 120V Photocontrol PC2-TL = 208-277V Photocontrol

<sup>1</sup> Order As Separate Line Item



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