TDD LED
LED Area Luminaire

Catalog Number

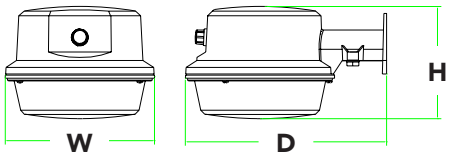
Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

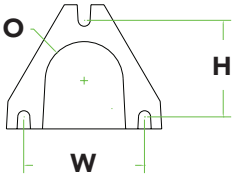
Specifications

Width:	7″ *(17.7 cm)*
Height:	5-1/4″ *(13.3 cm)*
Depth:	9-3/8″ *(23.9 cm)*
Weight:	1.92 lbs *(.87kg)*



Backplate

Width:	2-3/4″ *(7 cm)*
Height:	2-1/4″ *(5.6 cm)*
Opening:	1-3/4″ *(4.5 cm)*



Introduction

The popular TDD luminaire is now available with long-lasting, energy-efficient LED technology. Featuring a classic dayform, the TDD LED offers a fresh update to a traditional appearance and is powered by advanced LEDs.

The TDD LED luminaire is powerful yet energy efficient, capable of replacing up to a 100W metal halide luminaire while saving up to 84% in energy costs. Offering an expected service life of more than 10 years, the TDD LED eliminates frequent lamp and ballast replacements associated with traditional technologies.

Ordering Information

EXAMPLE: TDD LED 1 40K 120 PE

TDD LED											
Series	**Light Engine**		**Color Temperature**		**Voltage**		**Controls**		**Finish**	
TDD LED	1	1412 lumens	40K	4000K [1]	120	120 volts	PE	Photocell	(blank)	Grey

Accessories

Ordered and shipped separately.

OMA Mounting Arm

NOTES

1 Correlated color temperature (CCT) shown is nominal per ANSI C78, 377-2008.

FEATURES & SPECIFICATIONS

INTENDED USE
The energy savings, long life and easy-to-install design of the TDD LED make it the smart choice for building-and post-mounted doorway, pathway and yard illumination for nearly any facility.

CONSTRUCTION
Die-cast aluminum housing has an impact-resistant, polycarbonate lens which protects the LEDs. The fixture is sealed against moisture and environmental contaminants.

FINISH
Exterior parts are protected by a thermoset powder-coat finish that provides superior resistance to corrosion and weathering. A thightly controlled multi-stage process ensures a minimum 2 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling

OPTICS
Protective polycarbonate lens covers the light engine's LEDs. Light engines are available in 4000K (73 min. CRI) configurations.

Electrical
Light engine consists of two multi-chip, high-output LEDs mounted on an integral aluminum heat sink to maximize heat dissipation and promote long life (L98/50,000 hours at 40°C). 2.5kV surge protection. Electronic driver operates at 120V. Integrated photocell is standard. No user serviceable parts.

Installation
Easily mounts to a wooden post or pole using 2″ lag screws, included. Compatible with OMA-1-5/8″ mounting arm, sold seperately.

LISTINGS
UL Listed to U.S. and Canadian safety standards for wet locations.

WARRANTY
Five-year limited warranty. Full warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx.

Note: Specifications are subject to change without notice. Actual performance may differ as a result of end-user environment and application

LITHONIA LIGHTING

One Lithonia Way • Conyers, Georgia 30012 • Phone: 800.279.8041 • Fax: 770.918.1209 • www.lithonia.com

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application.

Performance Package	Drive Current (mA)	CCT	System Watts	40K (4000K, 73 CRI)				
				Lumens	B	U	G	LPW
1	900	4000K	21W	1,412	B1	U0	G0	69

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.03
10°C	50°F	1.02
20°C	68°F	1.01
25°C	**77°F**	**1.00**
30°C	86°F	0.99
40°C	104°F	0.98

Electrical Load

LED Package	Drive Current (mA)	System Watts	Current (A)			
			120	208	240	277
1	900	21W	0.20	0.12	0.10	0.09

Projected LED Lumen Maintenance

Data references the extrapolated performance projections in a **40°C ambient**, based on 10,000 hours of LED testing (LED lifespan based on IESNA LM-80-08 and calculated per IESNA TM-21-11 methodology).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	55,000	100,000
Lumen Maintenance Factor	1.0	0.98	0.98	0.98	0.97

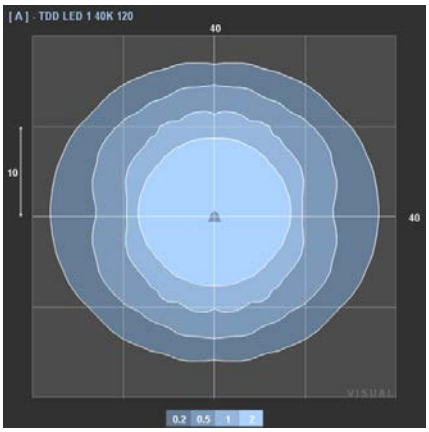
Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting Outdoor TDD LED homepage. Tested in accordance with IESNA LM-79 and LM-80 standards

TDD LED 1 40K MVOLT. Mounting height - 10'

LEGEND

- 0.2 fc
- 0.5 fc
- 1.0 fc
- 2.0 fc



Test No. LTL22748 tested in accordance with IESNA LM-79-08.

Lighting Facts Labels