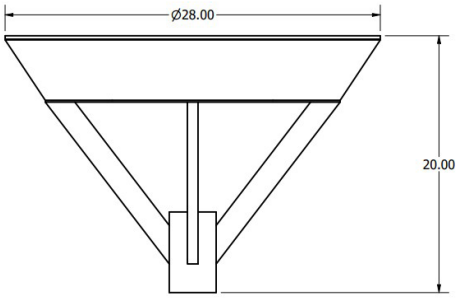
DPT022



SPECIFICATIONS

EPA: 1.35
Mounts on 3" Pole/Tenon
Height: 21"
Diameter: 28"

Decorative Area & Site Luminaire
Architectural Outdoor Lighting Solution

PERFORMANCE

Delivered Lumens:
4,000 – 12,000 lumens (depending on configuration)
*Higher outputs available - contact factory for details.
Wattage:
20W – 80W LED System
Efficacy:
Up to 195 lm/W (projected efficacy based on LED manufacturer data)
LED Lumen Maintenance:
L70 ≥ 102,000 hours
(ANSI/IES TM-21-21 projection based on LM-80 testing with 17,000-hour test data at Ts = 85°C)
Typical Application Life:
Projected LED life exceeds 100,000 hours under 25°C ambient operating conditions.
Color Characteristics:
CCT: 3000K / 4000K / 5000K
CRI: ≥80 standard
Distribution Types:
Type II, Type III, Type IV, Type V, Type V Square
Thermal Management:
Engineered heat dissipation system designed to maintain LED operating temperature for long-term lumen maintenance and system reliability.
*Photometric distributions are based on LEDiL optical system performance utilizing the specified LED package. Luminaire performance values are calculated from LED manufacturer data and optical system efficiency. Final performance values will be confirmed through LM-79 testing.
*Performance values represent design targets for the luminaire platform.

ELECTRICAL

Input Voltage:
120–277V
Dimming:
0–10V (DIM Option)
Driver:
Class 2 Programmable LED Driver
Power Factor >0.92
Total Harmonic Distortion (THD) <20%
Surge Protection:
6kV Line-to-Neutral
10kV Line/Neutral-to-Ground
Driver Protections:
Over Current Protection (OCP)
Open Circuit Protection
Short Circuit Protection (Auto Recovery)
Over Voltage Protection (OVP)
LEDs:
High-efficacy LEDs mounted to metal-core circuit boards for optimized thermal management.

CONSTRUCTION

Housing:
Aluminum Housing with nominal wall thickness of 0.125" and fully welded assembly for structural rigidity and long-term durability.
*All aluminum componenets are manufactuered from corrosion-resistant alloys suitable for outdoor architectural environments.
*Designed and manufactured in the USA.
Finish:
Corrosion-resistant Super Durable Powder Coat Finish
Optics:
Field Rotatable IP67-rated precision molded optical arrays with silicone gasket sealing.
LED Source:
Integrated LED Array

INSTALLATION

Installation by qualified electrician.
See mounting arm options for configuration details.

LISTINGS

ETL Listed for Wet Locations.
Conforms to UL 1598 and CSA standards.

WARRANTY

Standard 2-Year Limited Warranty
Optional 5-Year and 7-Year Extended Warranties Available
Rated for 40°C maximum ambient operating temperature.

Note: Specifications subject to change without notice. Actual performance may vary depending on installation environment and operating conditions.

ORDERING GUIDE

MODEL	FINISH	PERFORMANCE	KELVIN	TYPE	OPTIONS
Model **DPT022**	**Finish** **DB** - Dark Bronze **BL** - Black **AS** - Anodized Silver **WH**- White **CC** - Custom Color	**Performance** **LED40** - 20W LED 4000 Lms **LED60** - 30W LED 6000 Lms **LED80** - 45W LED 8000 Lms **LED100** - 60W LED 10000 Lms **LED120** - 80W LED 12000 Lms	**Kelvin** **30** - 30K **40** - 40K **50** - 50K	**Type** **II** - Type II **III** - Type III **IV** - Type IV **V** - Type V **VSQ** - Type V Square	**Options** **5Y** - 5 Year Warranty **7Y** - 7 Year Warranty **DIM** - 0-10V Dimmable **PC** - Photocell **MOT** - Motion Sensing **HSS** - House Side Shield