

Decorative Post Top Luminaire Architectural Outdoor Lighting Solution

PERFORMANCE

Delivered Lumens:

QPT12Q: 833 - 2,952 Lms (Depending on Configuration)

QPT21Q: 2,604 - 16,415 Lms (Depending on Configuration)

Wattage:

QPT12Q: 10W - 28W LED System

QPT21Q: 37W - 140W LED System

Efficacy:

Up to 118 lm/W (projected efficacy based on LED manufacturer data)

LED Lumen Maintenance:

L70 ≥ 100,000 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 I, Type II, Type III, Type IV, Type V

**Type I Available in QPT21Q Only*

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 Standard)

Driver:

Class 2 Programmable LED Driver

Power Factor >0.90

Total Harmonic Distortion (THD) <20%

LEDs:

High-efficacy LEDs mounted to metal-core circuit boards for optimized thermal management.



CONSTRUCTION

Housing:

Die-Cast Aluminum Housing with nominal wall thickness of 0.125" and fully welded assembly for structural rigidity and long-term durability.

*All aluminum components are manufactured from corrosion-resistant alloys suitable for outdoor architectural environments.

Finish:

Corrosion-resistant Super Durable Powder Coat Finish

Optics:

Clear Polycarbonate Lens; QPT21Q has a Clear Polycarbonate Opal LumaLens Option with Type V Optics Only.

LED Source:

Integrated LED Array

INSTALLATION

Installation by qualified electrician.

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.

SPECIFICATIONS

QPT12Q: 11.5"W x 17.5"H, 10.5" Head Diameter

QPT21Q: 21"Dia. x 27.75"H

QPT12Q

QPT21Q

QPT12Q - Shown With
Lumalens

ORDERING GUIDE

MODEL	FINISH	PERFORMANCE	KELVIN	TYPE	LENS	OPTIONS
Model QPT12Q QPT21Q	Finish DB - Dark Bronze BL - Black AS - Anodized Silver WH - White CC - Custom Color	Performance (QPT12Q) LED10 - 10W LED LED19 - 19W LED LED28 - 28W LED Performance (QPT21Q) LED37 - 37W LED LED65 - 65W LED LED100 - 100W LED LED140 - 140W LED	Kelvin 30 - 30K 40 - 40K 50 - 50K	Type I - Type I* <i>*QPT21Q Only</i> II - Type II III - Type III IV - Type IV V - Type V	Lens CP - Clear Polycarbonate PC - Polycarbonate Opal Lumalens* <i>*Type V Only</i>	Options 5Y - 5 Year Warranty 7Y - 7 Year Warranty PC - Photocell EM5 - 500 Lms Emergency EM12 - 1200 Lms Emergency

Lumen Chart - QPT12Q

	10W	19W	28W
Type II	833-893	1,666-1,787	2,499-2,680
Type III	876-939	1,752-1,879	2,628-2,818
Type IV	867-930	1,735-1,860	2,602-2,790
Type V	918-984	1,836-1,968	2,753-2,952

Lumen Chart - QPT21Q

	37W	65W	100W	140W
Type I	3,422-3,671	6,013-6,449	9,549-9,922	13,369-13,890
Type II	3,728-3,999	6,549-7,024	10,401-10,807	14,562-15,129
Type III	3,873-4,154	6,804-7,298	10,806-11,227	12,128-15,718
Type IV	3,986-4,276	7,004-7,512	11,123-11,556	15,572-16,178
Type V	4,045-4,338	7,106-7,621	11,285-11,725	15,799-16,415
Type V With LumaLens	2,604-2,793	4,575-4,907	7,266-7,550	10,173-10,569

***100W and 140W Fixtures Not Available at 30K**