Smart LED Post Top

PROJECT:

DATE:

TYPE:

PREPARED BY:

Connected via Lightcloud HUB or Gateway.

POWERED BY LIGHTCLOUD® | DAMP RATED | ENCLOSED FIXTURE RATED | IP64 | BALLAST BYPASS | FCC LISTED | RoHS | RECYCLE

KEY FEATURES

Wireless Dimming
Dim individual lights or use scenes to instantly adjust your light levels for any area in your building. Combine dimming with occupancy, daylight harvesting or scheduling to layer in more energy savings. High-end trimming ensures that you always save a little bit off the top.

Remote Control
Use mobile device or computer to make adjustments from remote locations near or far.

Programmable Schedules
Program different lighting schedules and scenes across multiple zones based on shifts or the type of work occurring throughout the day. Tweak schedules from your smartphone, or just call us and we'll do it for you.

Power Monitoring
Measure, track and report real and estimated power usage over time. Use analytics to identify and implement ways to curtail energy usage.

Demand Response
Device is capable of shedding load. This Smart Lamp is power monitoring capable. Lower power consumption to a preconfigured setting.

TECHNICAL SPECIFICATIONS

LED CHARACTERISTICS

LEDs
Long-Life, high-efficacy and high-output LEDs.

Color Uniformity
RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Color Stability
LED color temperature is warrantied to shift no more than 200K in CCT over a 5-year period.

L70 Lifespan
50,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations.

CRI
80 CRI, renders colors beautifully.

CCT
5000K.

COMPLIANCE

UL Listed
Suitable for damp locations.

CEC Status
Lawful for sale in California.

FCC
This device complies with Part 15 of the FCC Rules.

DLC Certified
DLC Standard compliant with V5.1.

PERFORMANCE SPECIFICATIONS

Shape	Input Wattage	Equivalent	Lumens (Nominal)	Efficacy	CRI	Color Temp	Input Voltage	Power Factor	Dimmable	Standby Power
Post Top	54W	200W Metal Halide	8100 lumens	82 lm/W	80	5000K	100-277V	0.9	1% - 100%	.2W

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TECHNICAL SPECIFICATIONS (CONTINUED)

CONSTRUCTION

Ambient Operating Temperature
-30°C (-22°F) - 60°C (140°F)

Enclosed/Open Fixture Rated
May be used in enclosed and open fixtures.

Housing
White finish and aluminum heatsink which allows for superior heat dissipation.

Installation Type
Type B, Ballast Bypass wire directly to line voltage.

Green Technology
Mercury and UV free. RoHS-compliant components.

Base Type
EX39 Exclusionary Mogul Base.

Burning Position
Base up (Keep the Post top as Universal)

Light Distribution
360 degree beam angle with 10% light output toward the ceiling which eliminates "cave effect".

ELECTRICAL

Power Factor
>0.9

THD
50/60 Hz

Surge Protection
4kV

Driver
Constant Current, 120V .6A

OTHER

Warranty
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

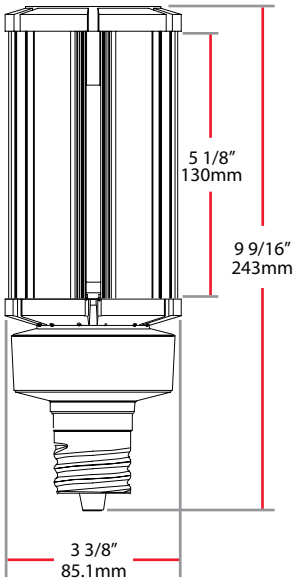
RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

APPLICATIONS

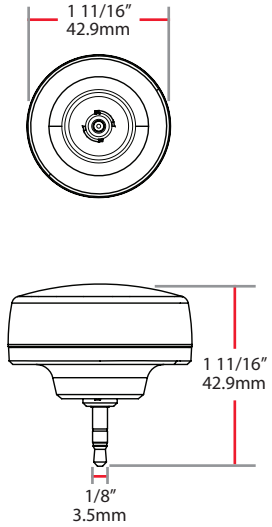
INDUSTRIAL | PARKING STRUCTURE | MUNICIPAL | EDUCATION

DIMENSIONS

Post Top



Lightcloud Module



	QTY	LENGTH X WIDTH X HEIGHT (in)
CASE	12	15.6 x 11.8 x 11.4 (in)
PALLET	432	37.4 x 33.1 x 39 (in)

MINIMUM COMPARTMENT

High Bay	Lamp Quantity	Length x Width x Height (in)
	1	7.9 x 7.9 x 10.6 (in)

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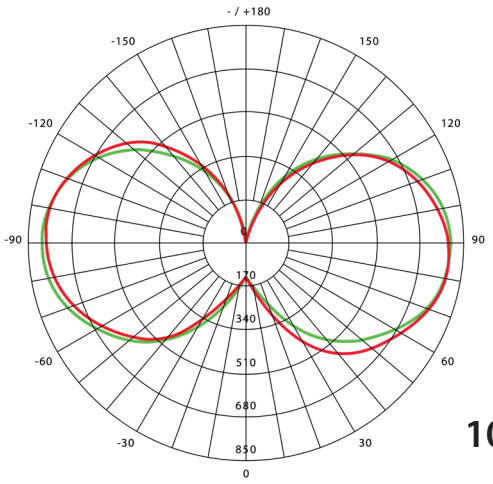
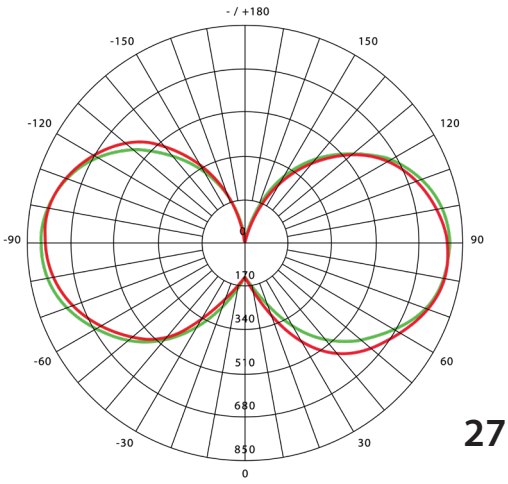
PHOTOMETRICS



100V



277V

CONTROL SPECIFICATIONS

LIGHTCLOUD® CONTROLLER BUILT IN

Wireless switching/dimming/CCT, power monitoring with a smaller footprint for 3A applications.

Easy setup - simply screw in lamp and power on, confirm device connectivity and call 844-LIGHTCLOUD

Small profile for concealed installations.

Cloud-based management - no software to install or maintain.

Connects to Lightcloud Gateway and other Lightcloud devices.

Connects via a secure, encrypted, and self-healing 2.4 GHz wireless mesh network.

Repeater Mode to extend range of wireless mesh network.

If power to Controller is lost, notification is shown in Lightcloud application.

If communication is lost, Controller can fall back to a customizable emergency state.

Plug in Lightcloud controller

ORDERING MATRIX

Product	Size		Base		CRI/CCT		Ballast Installation		Application		Options	
HID												
	54	54W	**EX39**	Exclusionary Mogul Base	**850**	80CRI, 5000K	**BYP**	Ballast Bypass (UL Type B)	**PT**	Post Top	**/LC**	Lightcloud Controller
											/LCS	Lightcloud PIR Sensor
											/LCS/M	Lightcloud Microwave Sensor