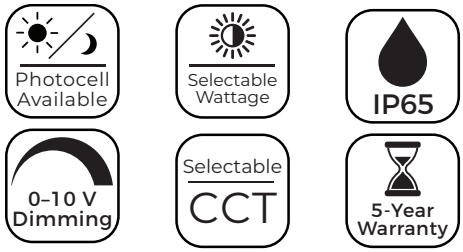
PTL-R1 Series

LED Post Top Light Specifications

Project_____

Date_____Type_____

PTL-R1-SW3B150S



Available Models[1]

☐ PTL-R1-SW3B150S

Part Number Breakdown

Example: PTL-R1-SW3B150S

Series	Color Temperature	Wattage
PTL-R1	**SW3B** [selectable 3000K / 4000K / 5000K]	**150S** [selectable 100 W / 120 W / 150 W]

Description

PTL series post top lights meet the design needs of any commercial outdoor setting with three different color temperatures and three wattage options to suit your application. The slim design fits modern and traditional styles in residential neighborhoods, city parks, or university campuses. The powder-coated aluminum exterior is durable and corrosion resistant. Shatter-resistant polycarbonate lens allows a downward, circular distribution of light to increase safety and visibility in pedestrian spaces. Choose an optional photocell for automatic dusk-to-dawn operation or a shorting cap for manual control.

Mechanical/Construction

- Black powder-coated aluminum body
- Polycarbonate lens
- IP66 rated
- IK08 impact resistance

Electrical

- 120–277 VAC input
- 0–10 V dimmable
- Built-in surge protection
- 50,000 hour L70 rated lifespan

Photometrics

- 140° x 140° beam
- Selectable CCT (3000K / 4000K / 5000K)
- 135 lm/W efficacy

Certifications and Compliances

These lights are Certified by UL in compliance with UL 1598 (IFAM) and are listed by DesignLights Consortium as DLC 5.1 Premium.

Application

Easily replaces outdated metal-halide fixtures such as those found at parks, commercial streets, school campuses, and other commercial and recreational locations with pathway lighting.

Warranty

Five (5) year warranty

Product Page QR Code

T 866.811.5550
F 314.972.6202
email: commercial-sales@superbrightleds.com
www.superbrightleds.com/cat/industrial-led-lighting/

[1]Contact customer service if interested in options other than those listed.

Rev V1 Date: 03/01/2024

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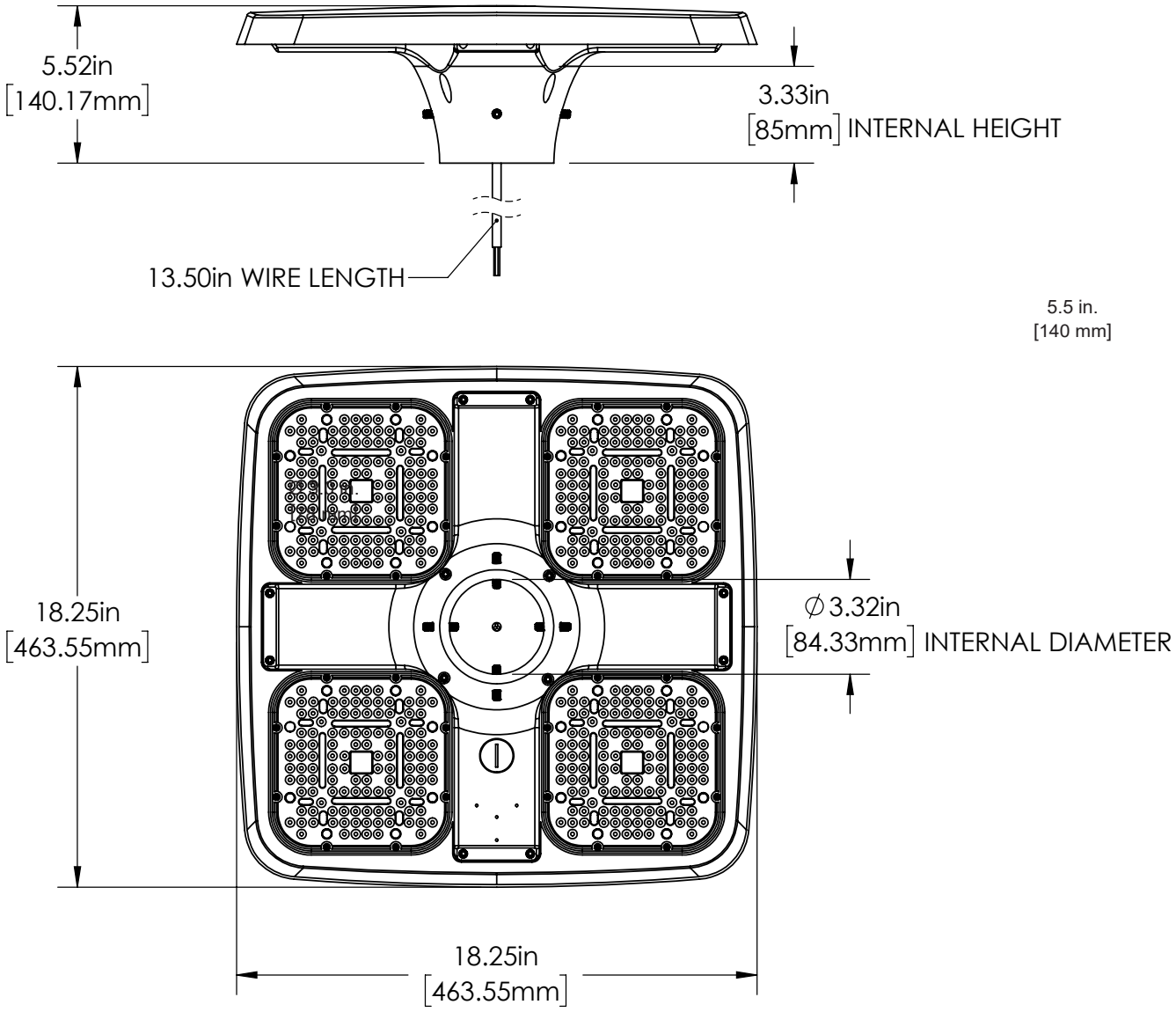
Dimensional Drawing



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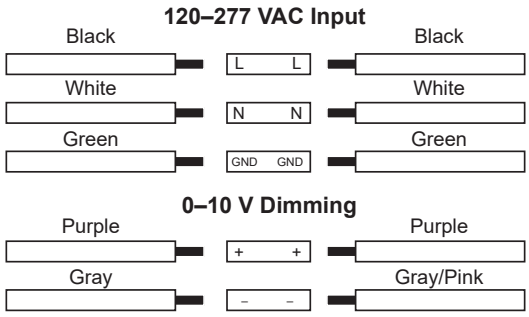
Specifications

Model		PTL-R1-SW3B150S
Lumens		13,500 / 16,200 / 20,250
Power Consumption		selectable, 100 W / 120 W / 150 W
Current Draw		0.9 A / 1.0 A / 1.3A (@ 120 VAC)
Operating Voltage		120–277 VAC
Efficacy		135 lm/W
Color Temperature		selectable, 3000K / 4000K / 5000K
Beam Angle		140° x 140°
Power Factor		≥0.90
CRI		70+
Dimming		0–10 V
IP Rating		IP65
Ambient Operating Temperature		-22°–113° F (-30°–45° C)
Surge Protection	L-N	2 kV
	L/N-PE	4 kV
Rated Life (L70)		50,000 hours

Wiring Diagram



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