



PROFEN™

Post Top Light



SKU #	DLC Model #
156721	PT01-150L-CSP-3CCT

Beyond LED Technology's PROFEN LED Post Top Light is an energy-efficient outdoor lighting solution designed to enhance streets, parking lots, pathways, parks, and commercial properties. Delivering up to 135 lumens per watt, it features adjustable wattage and CCT options, ensuring the perfect brightness for any setting. The sleek, modern design was carefully developed by our engineers, resulting in a product that blends aesthetic appeal with functionality, providing a visually striking and practical solution that adds elegance to any environment.

Built with durable die-cast aluminum housing and IP65-rated protection, the PROFEN is designed to withstand tough outdoor conditions, ensuring long-lasting performance. It fits 60mm round poles, making installation quick and easy. Whether for industrial spaces or commercial properties, the PROFEN LED Post Top Light offers exceptional illumination, efficiency, and an eye-catching design.

Product Features

- Up to 135 lm/W
- Adjustable wattage
- Adjustable CCT
- Optional screw-in photocell
- 0-10V Dimmable
- Type VS
- Built-in 10KV Surge Protection
- Fits 60mm round poles
- Bronze Housing
- IP65 Rated
- Input voltage 120-277VAC
- UL & DLC listed
- 5-year warranty

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SKU	ADJ. WATT	MAX LUMENS	ADJ. CCT	INPUT VOLTAGE	CRI	TYPE	CONSTRUCTION	DIMMING	IP RATING	CERTIFICATIONS
156721	80W/100W/150W	20250	3K/4K/5K	120-277V	>70	VS	Die-cast Aluminum+PC	0-10V	IP65	UL & DLC

SKU: 156721

Specifications

Parameter	Description
General Performance	Model #
	Adjustable Watt
	Max Lumens
	Lumen Efficacy
	Color Temperature
	CRI (Ra)
	Diffuser Type
Electrical	Light Spread
	Input Voltage
	Frequency
	Dimming
	Power Factor
	Flicker Percent
	THD
	Driver Model
	Driver Surge Protection
	Operating Temperature
Physical	Operating Humidity
	Storage Temperature
	Storage Humidity
	LED Brand
	LED Type
	LED Qty.
	Construction
	Housing Color
Qualification	IP Rating
	Warranty

POST TOP LIGHT



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Product Appearance



Accessories



Photocell
(dusk to dawn)



Plug-in motion sensor
(zhaga)



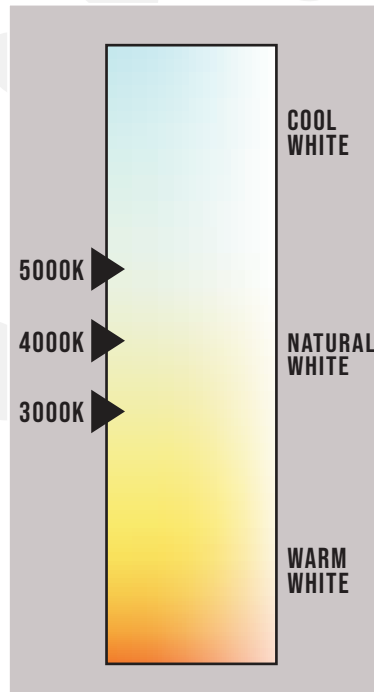
Plug-in motion sensor

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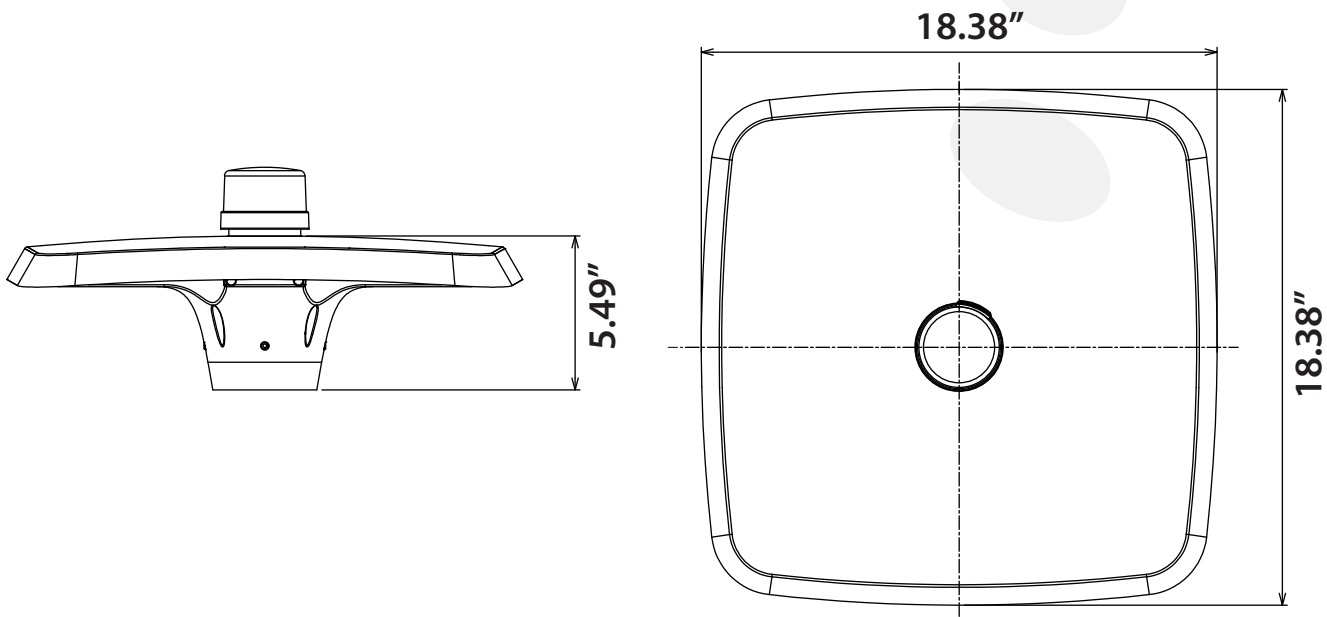
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Correlated Color Temperature (CCT)



Product Dimension



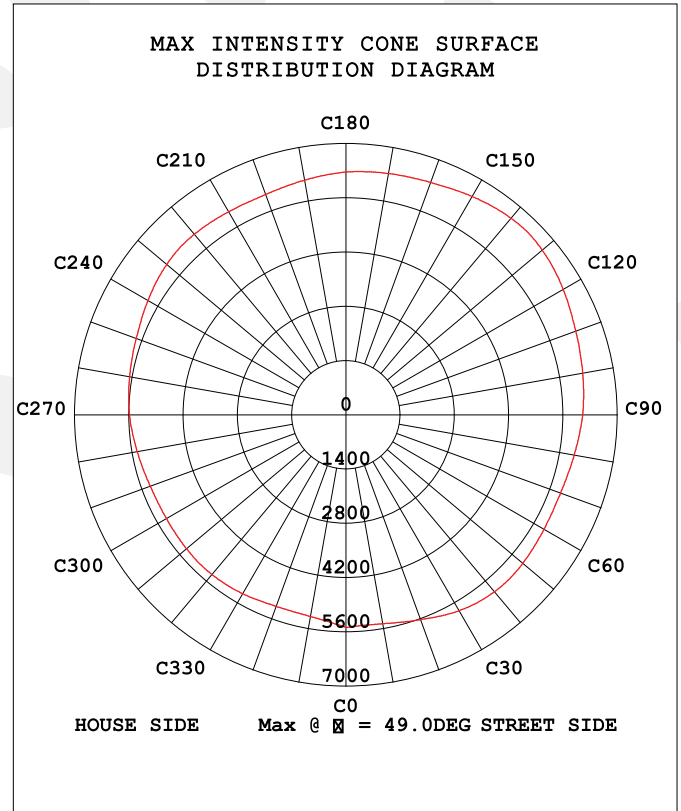
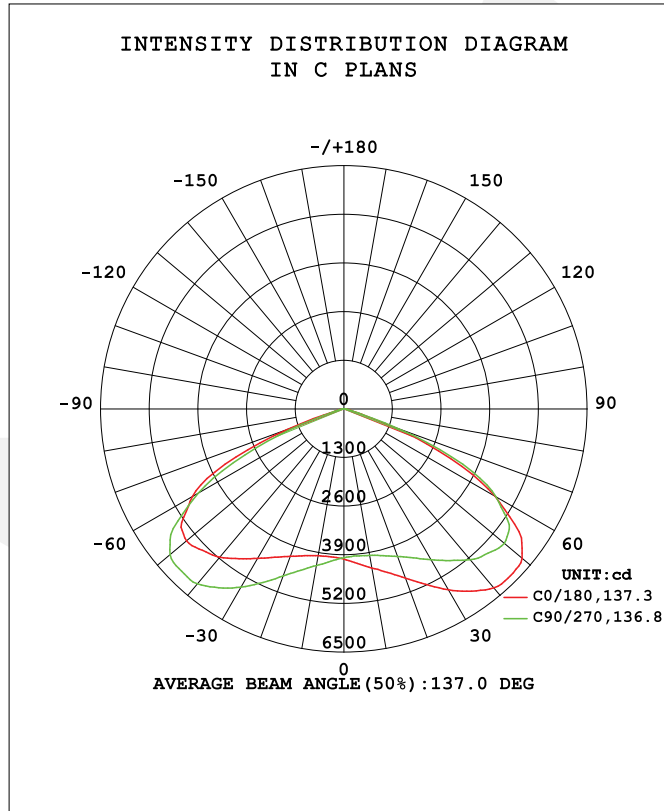
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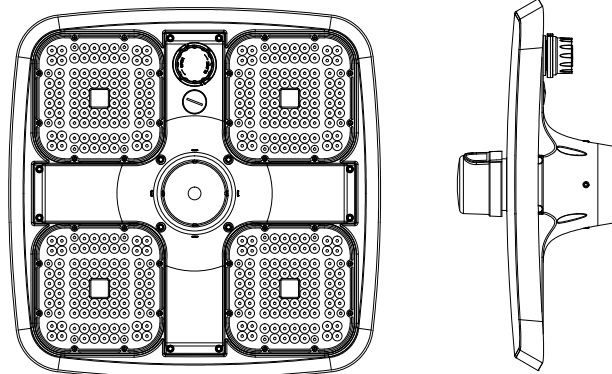
Post Top Light

Photometric Data



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: DAMIN
Test Date: 2023-03-15

Range: 0 - 90DEG
Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.461
Humidity: 65.0%
Test Distance: 9.680m [K=1.0000]
Remarks:



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Installation

SAFETY INSTRUCTIONS:

Please read all the instructions before attempting installation

- READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.
- The lighting fixture must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH
- THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.
- WARNING: Make certain power is OFF before installing or maintaining fixture. No user serviceable parts inside.
- WARNING: Must be installed on a level surface, above grade.

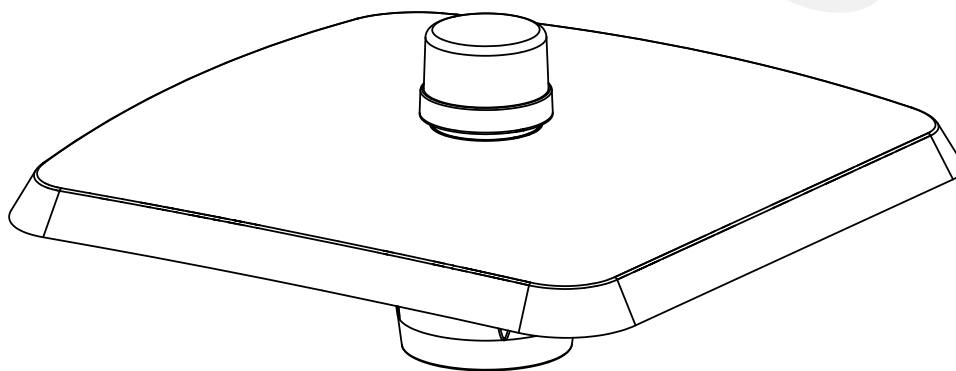
WARNING:

Risk of fire, electric shock, injury or property damage

Risk of electric shock-Disconnect power to equipment before installing or servicing. This equipment must be installed according to all applicable codes & ordinances. Installation and service of this equipment must be performed by qualified service personnel.

Do not install damaged equipment.

Read these instructions before installing, servicing or maintaining this equipment Save these instructions for maintaining and servicing.





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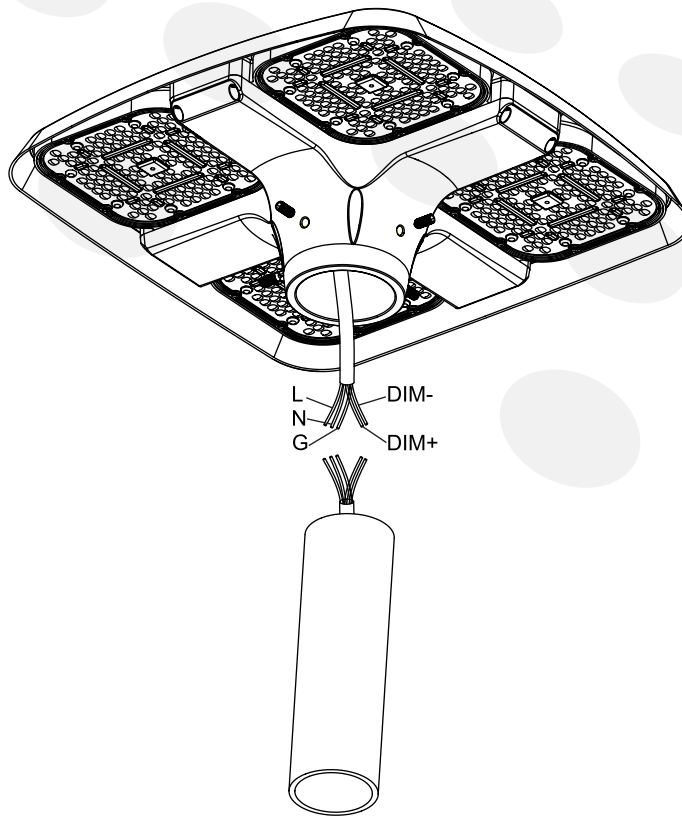
Post Top Light

Installation

INSTALLATION INSTRUCTIONS:

WARNING: TURN OFF POWER BEFORE CONNECTING WIRES.

1. Verify the luminaire optic type agrees with site lighting plan for the specific pole location.
2. Place luminaire on pole tenon.
3. Fasten luminaire to pole per the figure below making sure the luminaire is level. Tighten Set Screws.
4. Make wiring connections through the Wire Cover access. Re-attach Wire Cover.



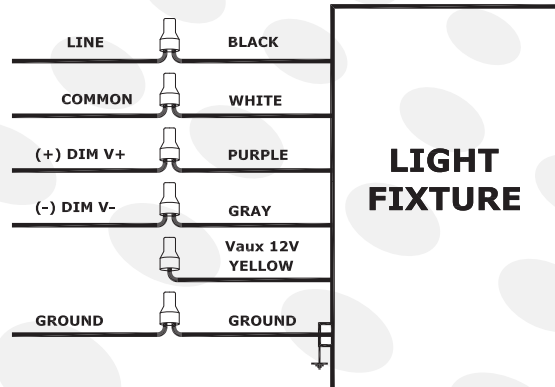
ON-OFF WIRING

Universal voltage driver permits operation at 120V thru 277V/347V, 50 or 60 Hz.
For 0-10V Dimming, follow the wiring directions.

1. Connect the black fixture lead to the LINE supply lead.
2. Connect the white fixture lead to the COMMON supply lead.
3. Connect the GROUND wire from fixture to supply ground. Do NOT connect the GROUND of the dimming fixture to the output.
4. Connect the purple fixture lead to the (V+) DIM lead.
5. Connect the pink fixture lead to the (V-) DIM lead.
6. Cap the red fixture lead, if present. Do NOT connect.

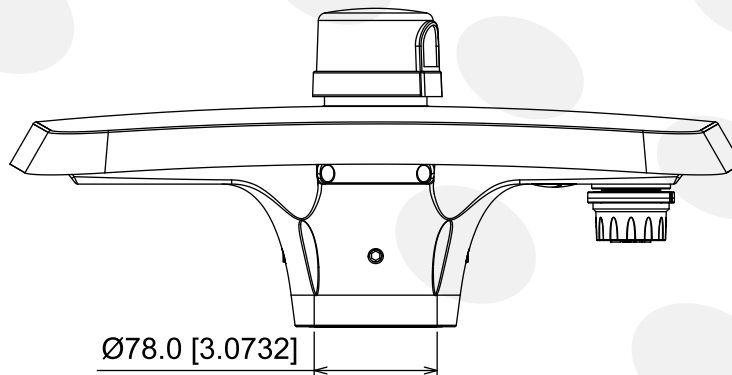


Installation



Led Post Top Installation

Drawing not to scale. Use the actual mounting plate as your template.



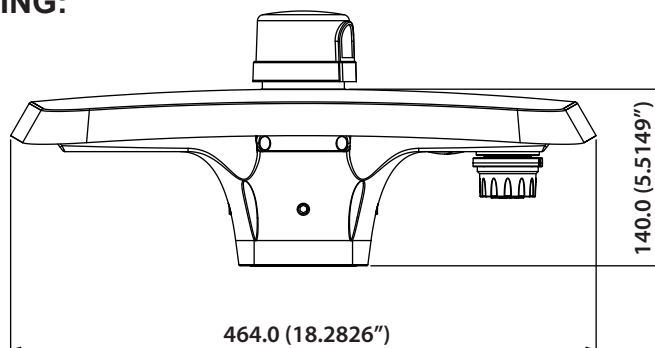
WARRANTY:

5-YEAR WARRANTY.

If this product fail to perform satisfactorily due to defect or poor workmanship with in five years from the date of purchase, return it to the place of purchase and it will be replaced, free of charge.

Incidental or consequential damages are excluded from the warranty.

DIMENSIONAL DRAWING:





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Installation

CCT & WATTAGE ADJUSTABLE SWITCH SETTING INSTRUCTION

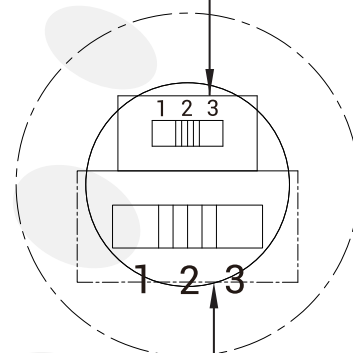
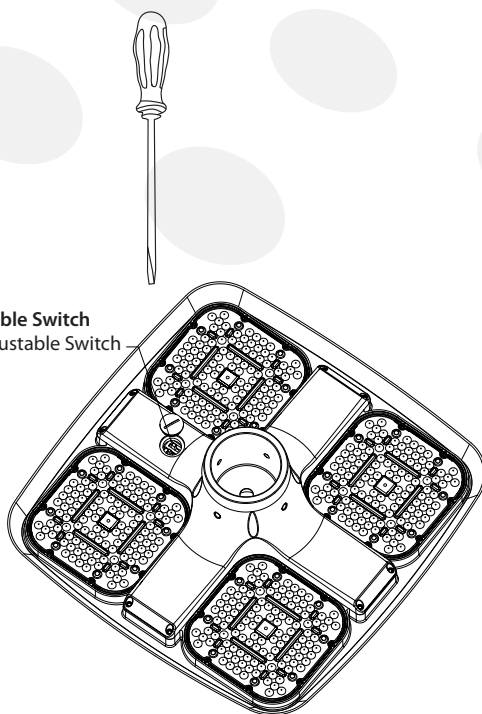
IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed including the following:

80 -150W Wattage Adjustable Switch

1	2	3
50%	75%	100%

CCT Adjustable Switch
Wattage Adjustable Switch



CCT Adjustable Switch

1	2	3
3000K	4000K	5000K

Introduction:

CCT Adjustable switch is a manually Adjustable switch for adjusting the color temperature, which have 3 Adjustable models (3000K, 4000K, 5000K). We mold CCT Adjustable switch independently and well-design to help users to adjust the color temperature they want.

Note: Sold separately, Factory default setting: 5000K / 5700K.

Wattage Adjustable switch is a manually Adjustable switch for adjusting the power (wattage) based on people's needs on daily life. It with 3 kinds of wattage from 0-100% which can be customized. we mold the switch independently and well-design to saving energy and green life with adjusting appropriate power. It is convenient for lowering inventory risk.

Note: Sold separately, Factory default setting: 100%.

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Installation

Instruction:

1. Loosen the M25 waterproof cap with a screw.
2. Turn the "Adjustable button" to get required Wattage or CCT.
3. Retighten the M25 waterproof cap back on the lamp.

A Table Showing CCT & Wattage Adjustable Switch Setting Instruction As Below:

CCT & Wattage Adjustable Switch Setting Instruction		
Item	Wattage	Color Temperature
PT01	80W	3000K, 4000K, 5000K
	100W	3000K, 4000K, 5000K
	120W	3000K, 4000K, 5000K
	150W	3000K, 4000K, 5000K

Wattage Adjustable Switch Setting Instruction
* Power Adjustable can be any 3 kinds of wattage from 0-100% which can be customized.
* Values are based on the highest performance package for each fixture size.
* Lumen values vary by optic type.

Packaging

SKU	Box Dimension	Qty	Net Weight	Gross Weight
156721	21.26" x 21.26" x 7.28"	1 Pc/Box	11.46LBS	16.31LBS



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Application Image



Warranty

This product is covered under a 5-year warranty. For complete warranty details, [Click Here.](#)