

LED AREA LIGHT



The LED Post Top Light from Lumens Depot 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 to provide the ideal brightness for any setting. Its sleek, modern design combines aesthetic appeal with practical functionality, adding a refined and elegant look to any environment. Constructed with durable die-cast aluminum housing and IP65-rated protection, this fixture is built to withstand harsh outdoor conditions for long-lasting performance. Designed to fit 60mm round poles, installation is quick and straightforward. Whether for industrial or commercial applications, this LED Post Top Light offers reliable illumination, energy efficiency, and a visually appealing 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

LED AREA LIGHT

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

Specifications

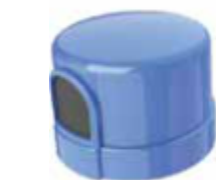
Parameter	Description	
General Performance	Model #	PT01-150L-CSP-3CCT
	Adjustable Watt	80W / 100W / 150W
	Max Lumens	20250
	Lumen Efficacy	Up to 135LM/W
	Color Temperature	3000K/4000K/5000K
	CRI (Ra)	>70
	Diffuser Type	PC Lens
Electrical	Light Spread	Type V short
	Input Voltage	120-277Vac
	Frequency	50/60Hz
	Dimming	0-10V
	Power Factor	≥0.90
	Flicker Percent	Flicker is not controlled
	THD	<20%
	Driver Model	ZH-WP Series
	Driver Surge Protection	LN-PG5KV, L-N 4KV
	Operating Temperature	-30°C to +45°C
Physical	Operating Humidity	10%RH - 90%RH
	Storage Temperature	-40°C to +85°C
	Storage Humidity	5%RH - 95%RH
	LED Brand	Lumileds
	LED Type	SMD2835
	LED Qty.	480 PCS
	Construction	Die-cast aluminum
	Housing Color	Bronze
Qualification	IP Rating	IP65
	Warranty	5 Year

LED AREA LIGHT

Product Appearance



Accessories



Photocell
(dusk to dawn)



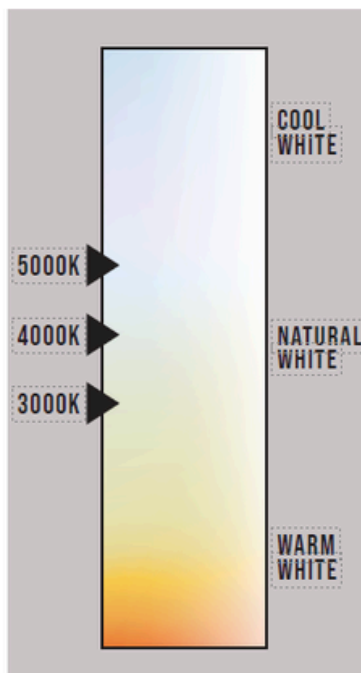
Plug-in motion sensor
(zhaga)



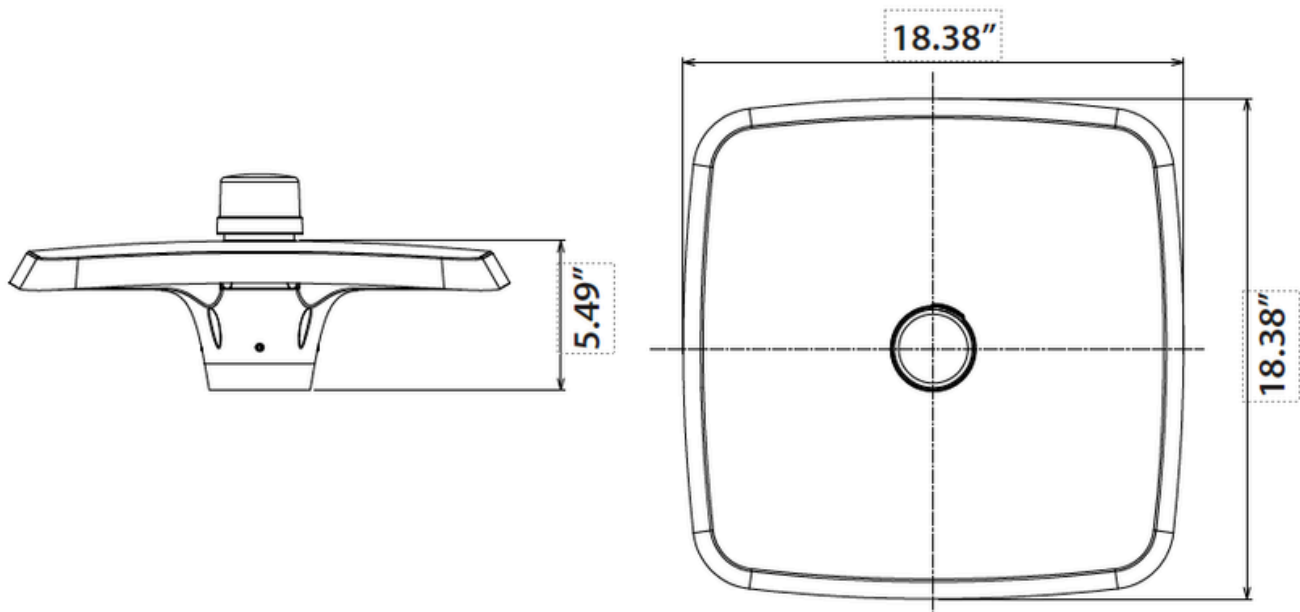
Plug-in motion sensor

LED AREA LIGHT

Correlated Color Temperature (CCT)



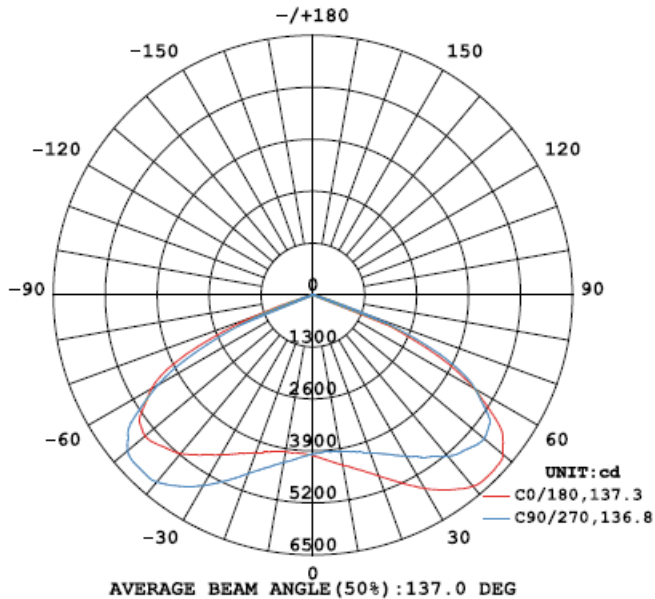
Product Dimension



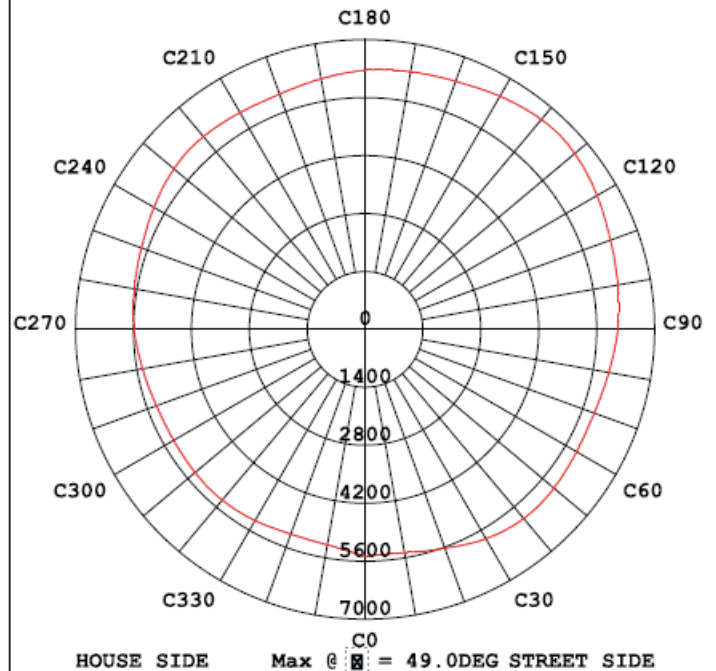
LED AREA LIGHT

Photometric Data

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS

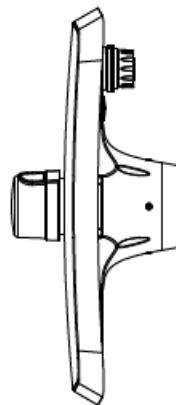
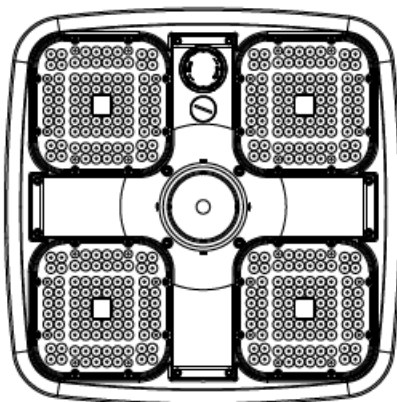


MAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM



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

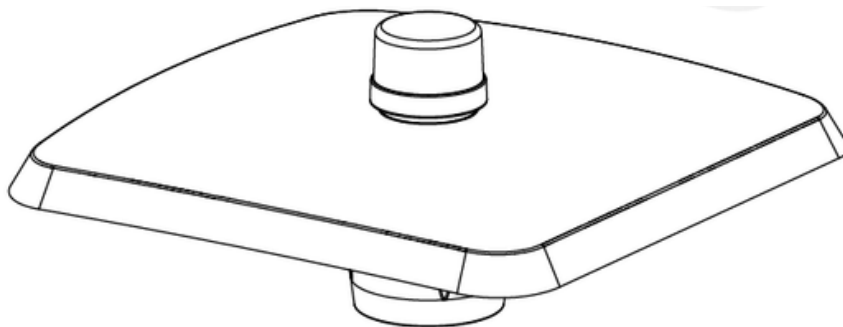
SAFETY INSTRUCTIONS:

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.



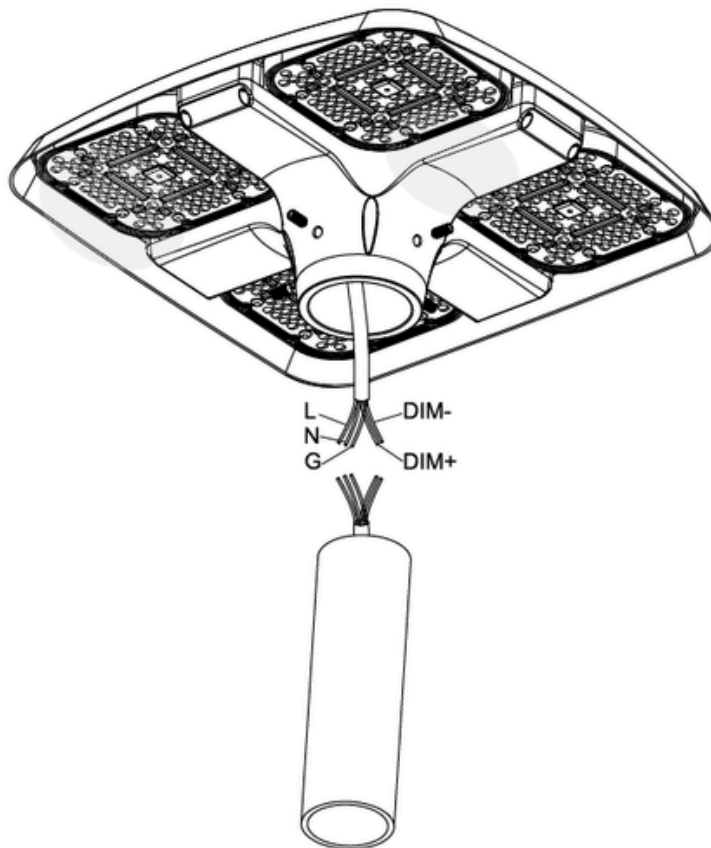
LED AREA LIGHT

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.



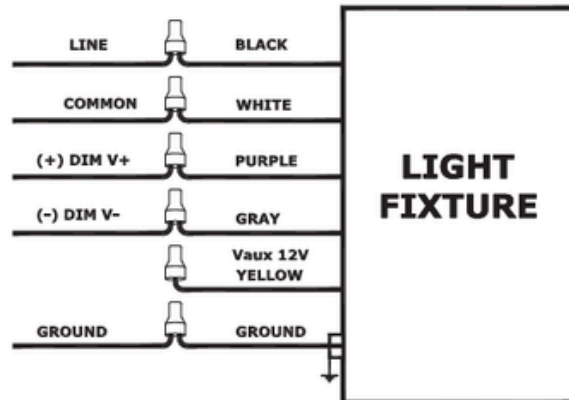
ON-OFF WIRING

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.

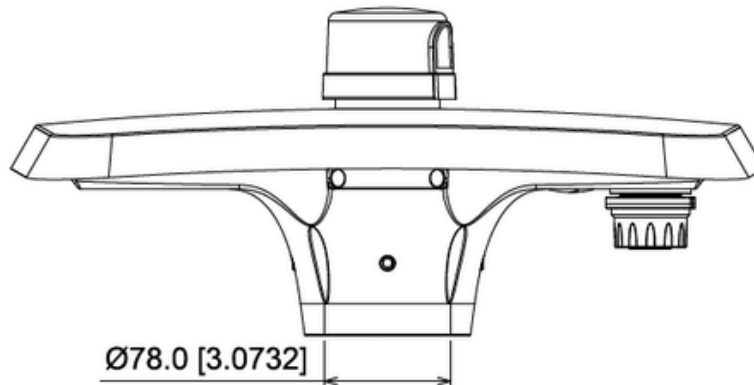
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Installation



Led Post Top Installation

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



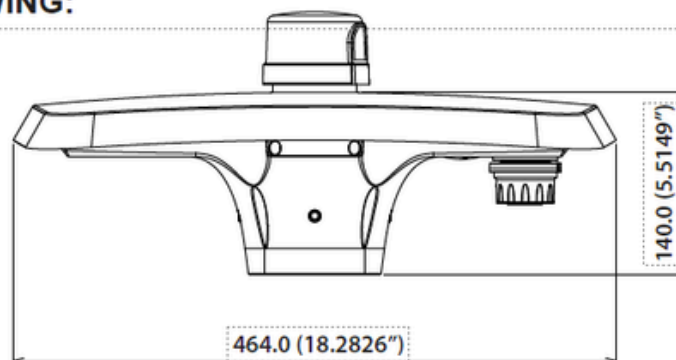
WARRANTY:

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:



LED AREA LIGHT

Installation

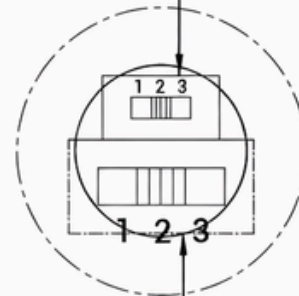
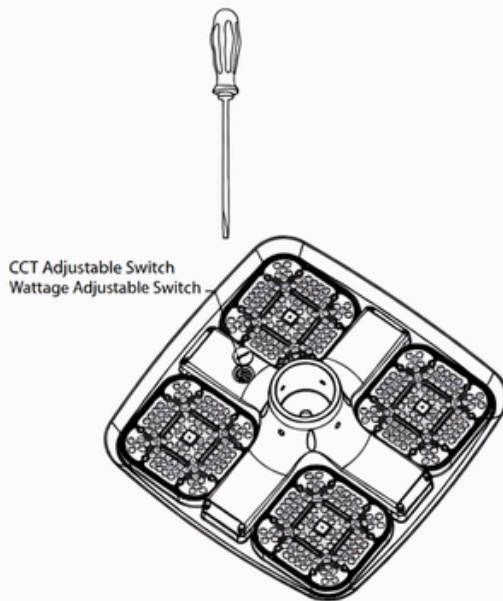
CCT & WATTAGE ADJUSTABLE SWITCH SETTING INSTRUCTION

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

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.

Introduction:

CCT 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 lower 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

