



The **KEENE LED post top** is compact and comfortable, with a sleek low profile design suitable for 10'-16' mounting heights. Features include low glare comfort optics, field adjustable output, twist lock receptacle with shorting cap, and an LED driver suitable for 120 volt through to 347 volt operation. The comfortable, low glare optics make this an ideal choice for pedestrian scale applications such as condominiums, hotel parking lots, parks and walkways.

Project: _____
 Location: _____
 Cat.No: _____
 Type: _____
 Lamps: _____ Qty: _____
 Notes: _____

Ordering guide

example: PT-50-NW-G1-T2-3-HV3-FAWS-TLRPC-BK

Luminaire	Wattage	LED Color - Generation	Mounting	Distribution	Voltage	Output	Controls	Finish
PT	50		T2		HV3	FAWS	TLRPC	BK
PT Post Top	50 50W	NW-G1 Neutral White, 4000K, 70CRI, Generation 1 WW-G1 Warm White, 3000K, 70CRI, Generation 1	T2	3 Type 3 5 Type 5	HV3 120-347V	FAWS Field Adjustable Wattage Selector	TLRPC Twist Lock Receptical with shorting cap	BK Black

Accessories (order seperately, field installed)

Photocontrol ¹	
PH8	Twist Lock photocontrol, 120-277V
PH8/347	Twist Lock photocontrol, 347V

1. Photocontrol devices are required for automatic on/off operation.

Specifications

Housing

Corrosion resistant heavy duty-cast aluminum construction.

IP Rating

Luminaire rating IP65.

Vibration Resistance

1.5G Vibration rating that conforms to standards set forth by ANSI C136.31. Testing includes vibration to 1.5G acceleration in all three axes.

Electrical

Available in 120-347v. RoHS compliant. Surge protector standard. 4KV per ANSI/IEEE C62.41.2. Each luminaire includes a 3-pin twist lock receptacle and shorting cap.

Field Adjustable Output

4-position switch allows field adjustable output to desired wattage and lumens (refer to chart).

LED Board and Array

Color temperature 3000K +/- 175, 4000K +/- 275. Minimum CRI of 70. Metal core substrate.

Optical System

Type 3 & 5 distributions available.

LED Thermal Management

The housing design allows the Luminaire to provide excellent thermal management critical to long LED system life.

Mounting

Suitable to install over 2 3/8" O.D. - 3" O.D. x 3" tall vertical pipe tenon. Held securely in place with 8 set screws

Energy Saving Benefits

System efficacy up to 129 lms/W with significant energy savings over HID luminaires.

Listings

UL/cUL listed to the UL 1598 standard, suitable for Wet Locations. Suitable for use in ambient from -40° to 40°C (-40° to 104°F). All product configurations are DesignLights Consortium® qualified.

Finish

Superior powder coat finish to withstand the toughest weather, textured black finish standard.

Limited Warranty

Luminaires, LED arrays, and drivers are all covered by a 5-year limited warranty. See signify.com/warranties for details.

Dimming Control Options

Field Adjustable Wattage Selector (FAWS): Luminaire equipped with the ability to manually adjust the wattage in the field to reduce total luminaire lumen output and light levels. Comes pre-set to the highest position at the lumen output selected. Use chart below to estimate reduction in lumen output desired.

FAWS Position	Percent of Typical Lumen Output	Wattage Output
1	40%	20W
2	60%	33W
3	80%	45W
4	100%	53W

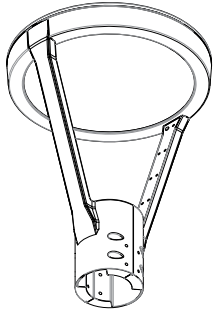
Note: Typical values accuracy +/-5%



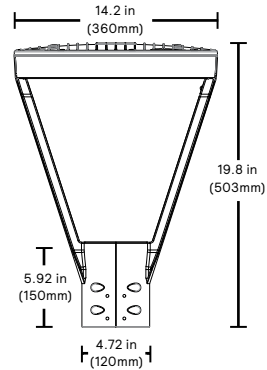
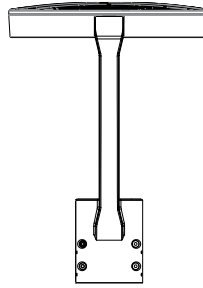
PT50 post top

LED round

Dimensions



Weight: 16lbs
EPA: 0.40ft²



Performance Data - 3000K & 4000K

Ordering Code	LED QTY	System Current (mA)	Color Temp. (K)	Avg System Wattage (W)	Type 5			Type 3		
					Lumen Output ^{1,2}	Efficacy (Lm/W)	BUG Rating	Lumen Output ^{1,2}	Efficacy (Lm/W)	BUG Rating
3000K										
PT50-WW-G1-T2-x-20W	216	549	3000	20	2515	126	B1-U0-G1	2047	102	B1-U0-G1
PT50-WW-G1-T2-x-33W	216	898	3000	33	4112	125	B2-U0-G1	3316	100	B1-U0-G1
PT50-WW-G1-T2-x-45W	216	1207	3000	45	5242	116	B2-U0-G1	4227	94	B1-U0-G1
PT50-WW-G1-T2-x-53W	216	1411	3000	53	6127	116	B2-U0-G1	4941	93	B2-U0-G1
4000K										
PT50-NW-G1-T2-x-20W	216	549	4000	20	2589	129	B1-U0-G1	2108	105	B1-U0-G1
PT50-NW-G1-T2-x-33W	216	898	4000	33	4234	128	B2-U0-G1	3414	103	B1-U0-G1
PT50-NW-G1-T2-x-45W	216	1207	4000	45	5396	120	B2-U0-G1	4352	97	B1-U0-G1
PT50-NW-G1-T2-x-53W	216	1411	4000	53	6308	119	B2-U0-G1	5087	96	B2-U0-G1

1. Wattage and lumen output may vary by due to LED manufacturer forward volt specification and ambient temperature. Wattage shown is average for 120V through 277V input. Measured wattage may vary due to variation in input voltage.
2. Lumen values based on photometric tests performed in compliance with IESNA LM-79. Contact your Keene representative.

Predicted Lumen Depreciation Data

Predicted performance derived from LED manufacturer's data and engineering design estimates, based on IESNA LM-80 methodology. Actual experience may vary due to field application conditions. L_{70} is the predicted time when LED performance depreciates to 70% of initial lumen output. Calculated per IESNA TM 21-11. Published L_{70} hours limited to 6 times actual LED test hours.

Ambient Temp °C	LED Current	System Current	Calculated L_{70} hrs ^{1,2}	L_{70} per TM21 ^{2,3}	Lumen Maintenance @ 50,000 hrs
25 °C	40mA	1411mA	>100,000	>54,000	94%

1. Predicted performance derived from LED manufacturer's data and engineering design estimates, based on IESNA LM-80 methodology. Actual experience may vary due to field application conditions.
2. L_{70} is the predicted time when LED performance depreciates to 70% of initial lumen output.
3. Calculated per IESNA TM 21-11. Published L_{70} hours limited to 6 times actual LED test hours.



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