

SPECIFICATION SHEET



APPLICATIONS

POST TOP LED LAMP is the ideal way to upgrade existing HID fixtures to the latest in LED technology. Choosing LED replacement bulbs for HID fixtures is an easy way to increase lighting efficiency. Post Top LED lamps use significantly less wattage to deliver comparable lumens as conventional metal halide lamps. Excellent for bollards, decorative lighting, low/high bays, and post tops.

SPECIFICATION FEATURES

CONSTRUCTION

Replacement for conventional metal halide lamp.
Environmentally friendly: No mercury used.

ELECTRICAL

Integral driver eliminates the need for external driver or ballast, includes 4kV surge protection. Suitable for use in fully enclosed fixture.

OPTICAL SYSTEM

These vertical Post Top LED lamps feature a 360° beam angle to produce omni-directional light output.

INSTALLATION AND MOUNTING

Simply bypass the existing ballast by cutting the wires and connecting the 120-277V line voltage directly to the sockets. No ballast or external driver is required

CONTROLS AND DIMMING

With Smart Cool technology, a thermal sensor in the lamp activates during extreme heat conditions. Power to the Post Top LED is automatically reduced by up to 20% to cool the lamp down and maintain lamp life. Once the sensor reaches an acceptable temperature, the lamp will gradually return to full light output. This is all done within the lamp, requiring no effort on your part.

CERTIFICATION AND WARRANTY

UL Listed. DLC Listed. 5-year limited warranty.



Ordering Example: rKS-PT-63-50-EX39

Product Series: rKS = Post Top Lamp

FORM FACTOR	WATTAGE	CCT	VOLTAGE	BASE TYPE	*CONTROLS
PT	36=36 Watts 45=45 Watts 54=54 Watts 63=63 Watts	30=3000K 40=4000K 50=5000K	[Blank]=120-277V	E26=Medium E26 EX39=Mogul EX39 *54W & 63W available only in EX39 base type.	[Blank]=No Control MW1-12V-AUX=Smart Port LED Microwave Occupancy Sensor: On/Off with Adjustable Standby Dimming Level; 12V Input. PIR1-12V-AUX=Smart Port LED PIR Occupancy Sensor: On/Off with Adjustable Standby Dimming Level; 12V Input. PS1-12V-AUX=Smart Port LED Photocell: On/Off with Adjustable Daylight Threshold and Timing; 12V Input.

*OPTIONAL CONTROLS

TECHNICAL PARAMETERS

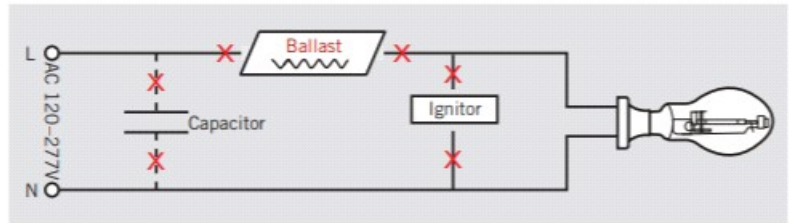
Fixture	rKS-PT-36-XX-XX			rKS-PT-45-XX-XX		
Input Voltage (AC)	120-277V			120-277V		
Input Current	0.53A @ 120V 0.23A @ 277V			0.53A @ 120V 0.23A @ 277V		
Rated Wattage	36W			45W		
Delivered Lumens	5,040lm	5,256lm	5,400lm	6,300lm	6,570lm	6,750lm
Efficacy	140lm/W	146lm/W	150lm/W	140lm/W	146lm/W	150lm/W
CCT	3000K	4000K	5000K	3000K	4000K	5000K
CRI	> 80					
Lifespan (Hours)	50,000					
L70 (Hours)	50,000					
Power Factor	>0.9					
Visible Light Area	360°					
Dimming	Not for use with standard dimmers					
Operating Temperature	-29°C/-20°F to 60°C/140°F					

Fixture	rKS-PT-54-XX-EX39			rKS-PT-63-XX-EX39		
Input Voltage (AC)	120-277V			120-277V		
Input Current	0.53A @ 120V 0.23A @ 277V			0.53A @ 120V 0.23A @ 277V		
Rated Wattage	54W			63W		
Delivered Lumens	7,560lm	7,887lm	8,100lm	8,820lm	9,198lm	9,450lm
Efficacy	140lm/W	146lm/W	150lm/W	140lm/W	146lm/W	150lm/W
CCT	3000K	4000K	5000K	3000K	4000K	5000K
CRI	> 80					
Lifespan (Hours)	50,000					
L70 (Hours)	50,000					
Power Factor	>0.9					
Visible Light Area	360°					
Dimming	Not for use with standard dimmers					
Operating Temperature	-29°C/-20°F to 60°C/140°F					

WIRING INSTRUCTIONS

STEP 1

Disconnect Power: Disconnect and remove existing ballast, capacitor, and/or ignitor (where applicable) from fixture.



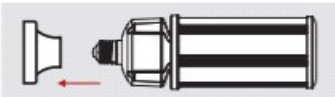
STEP 2

Rewire for line voltage to the lamp socket.

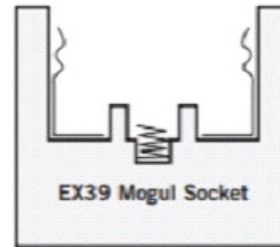
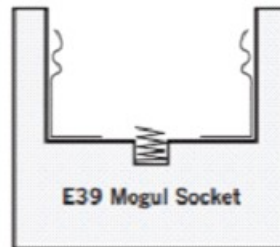


STEP 3

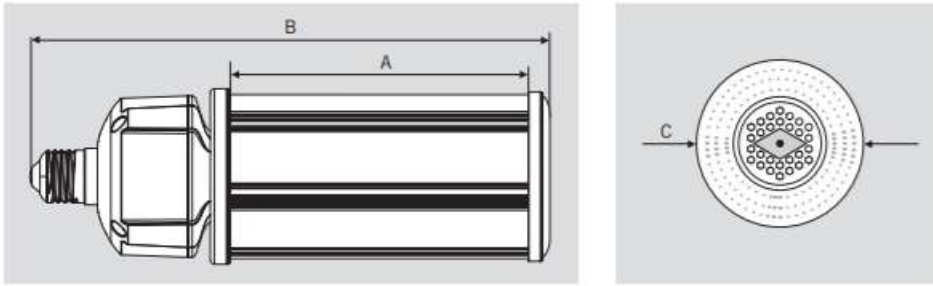
Install new LED replacement lamp. Ensure lamp is operating properly when power is turned on.



EX39 based lamps will work in both E39 and EX39 sockets



PHYSICAL CHARACTERISTICS



Fixture	A (Illuminated Length)	B (Body Length)	C (Diameter)
rKS-PT-36-XX-E26	5.66"	7.95"	3.34"
rKS-PT-36-XX-EX39	5.66"	8.62"	3.34"
rKS-PT-45-XX-E26	5.07"	9.13"	3.34"
rKS-PT-45-XX-EX39	5.07"	9.80"	3.34"
rKS-PT-54-XX-EX39	5.07"	9.80"	3.34"
rKS-PT-63-XX-EX39	5.66"	10.40"	3.34"