



LINEAR PROFILE INDUCTION GENERATOR



**BULB INDUCTION**  
35W – 85W

**MOUNTING HEIGHT**  
8' TO 15'

The **PT04 Induction Post Top Series** can be used in a variety of applications. Suitable for lamp pole with height of 8ft to 15ft. PT04 has exclusive alloy housing with powder coated finish for corrosion resistance. The frosted glass lens comes with a contour for low glare lighting. The Induction system operates well in cold temperatures with an instant ON/re-strike capability. The long life and superior lumen maintenance of Induction significantly reduces maintenance costs and provides a significant reduction in the total cost of ownership.

**APPLICATION -**

- Plazas
- Sidewalks
- Intended use for Replacements of HID for Walkways

- Walkways
- Parks
- Pedestrian Street

**CONSTRUCTION -**

- Standard Powder Coated Finish: Black
- Corrosion Resistant
- Aluminum Alloy Housing
- Linear Profile Generator

- Gas-tight Silicon Rubber Seal
- Pole Mounted: Outer Diameter 2.99" – Inner Diameter 2.76"
- Frosted Glass Lens

**ELECTRICAL -**

- Universal Voltage (120V – 277V)
- High Power Factor (>.95)
- Ambient Temperature Rating: -20°C to 40°C
- Input Frequency: 50/60 Hz
- Operating Frequency: 250 kHz
- Generator Type: Class P Type 1 outdoor
- No Noise Compare to HID Systems

- THD %: < 10%
- Pre-Wired Output Connector (Plug and Play)
- Constant Wattage Output With Less Than 3% Variance
- No Variation Over a Wide Range of Temperatures and Voltage Fluctuation
- Instant On

**LAMP TYPE/WATTAGES -**

- Bulb Induction Lamps Available: 35W, 55W, 85W
- Standard Kelvin Temperature is 5000K: Provides a Cooler Color Temperature
- Wide Range of Color Temperature Options 2700K – 6500K Available
- CRI >80

- Pre-Wired Input Connector
- Low Lumen Depreciation, >70% Lumen Maintenance at 60,000 Hours
- Vibration and Shock Resistant: No Filament

**COMPLIANCE -**

- UL listed – UL 1598 (E363375)
- cUL listed – UL 1598 (E363375)
- FCC Part 18-A

- IP65: Suitable for Wet Location
- Surge Immunity – IEC 61000-4-5: Class 4

**OPTICS -**

- Frosted Glass Lens

- Type V Distribution

**WARRANTY -**

- Five-year Limited Warranty

Actual performance may differ as a result of end-user environment and application.  
Note: Specifications subject to change without notice.

*NOTE:*  
1 Consult with your sales representative for availability.  
2 Consult with your sales representative for lead time

### ORDERING OPTIONS

*Lead times will vary depending on options selected. Consult with your sales representative.*

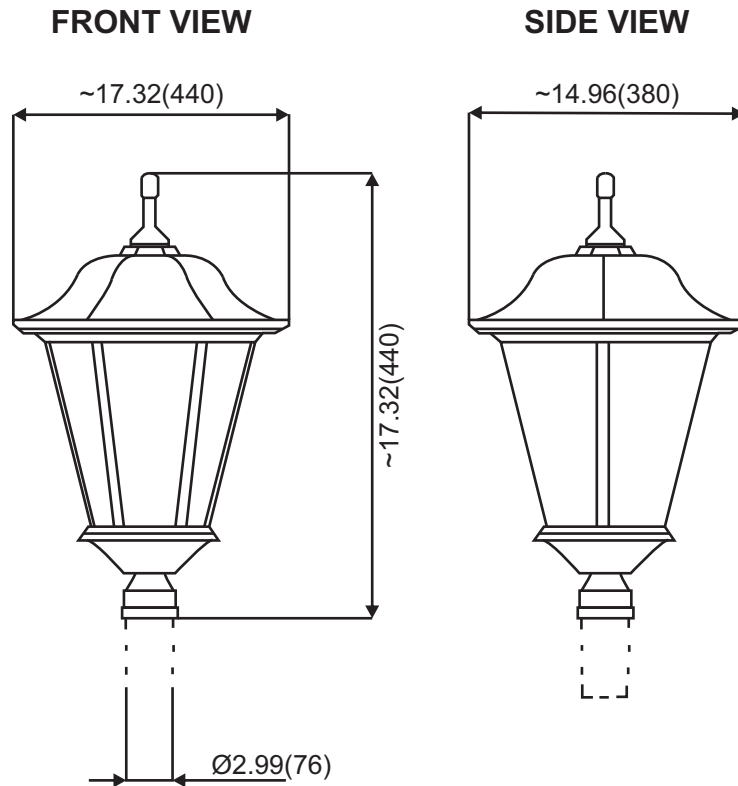
TYPE	SERIES	LAMP	WATTAGE	LENS	ORDERING OPTIONS
PT = POST TOP	04 = 04 SERIES	B = BULB	035 = 35W 055 = 55W 085 = 85W	G = GLASS	BLANK = 5000K 27 = 2700K 30 = 3000K 40 = 4000K 60 = 6000K 65 = 6500K

**Example:** PT-04-B085-G (Post Top 04 series Bulb 85W lamp with Glass lens)

**ELECTRICAL CHARACTERISTICS**

MODEL NO.	RATED WATTAGE (W)	INPUT POWER (W)	INPUT CURRENT 120V - 277V (AMP)	LAMP RATED INITIAL LUMINANCE (LM)	EFFICACY (LM/W)	LUMEN MAINTENANCE	COLOR RENDERING INDEX	CCT (KELVIN)
PT04-B035-G	35	37	0.31 - 0.13	2625	70 - 75	70%-75%	> 80	5000
PT04-B055-G	55	55	0.48 - 0.21	4380	75 - 80			
PT04-B085-G	85	89	0.74 - 0.32	6800	75 - 80			

### Mechanical Data

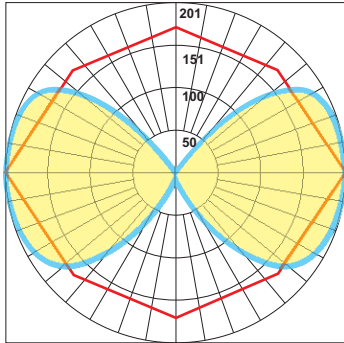


Note: Outer diameter of pole  $\varnothing 2.99(76)$   
 Inner diameter of pole  $\varnothing 2.76(70)$

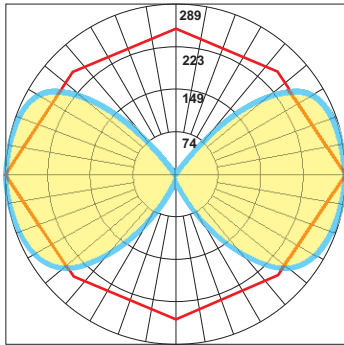
All dimensions are shown in inches (millimeters) unless otherwise noted.

**Photometric Data**  
IES files available upon request.

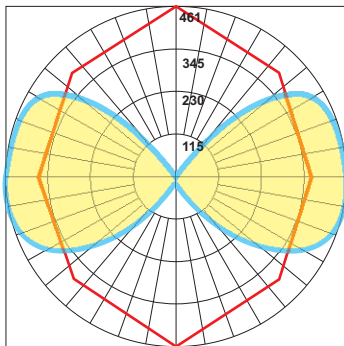
**POLAR GRAPH**



**PT-04-B035-G**

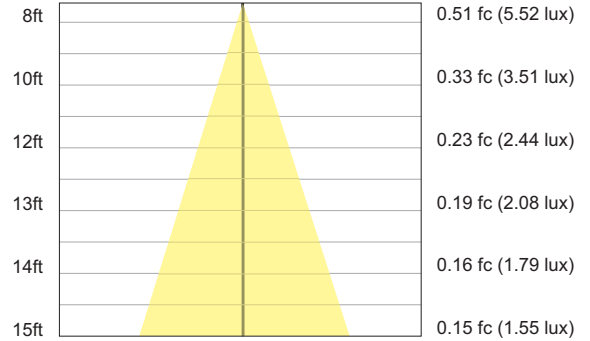


**PT-04-B055-G**

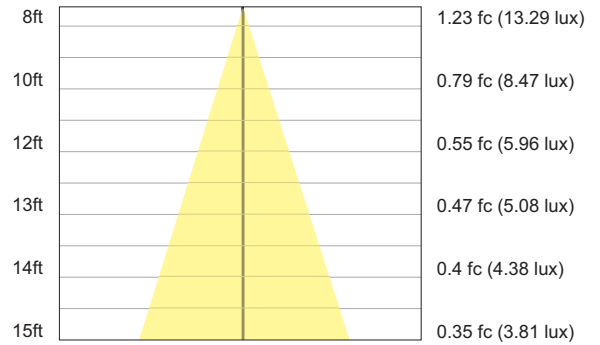


**PT-04-B085-G**

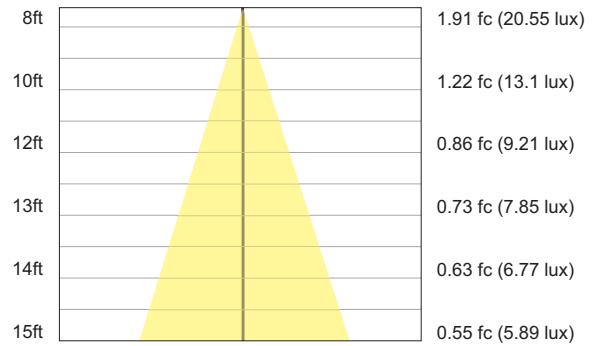
**ILLUMINANCE AT DISTANCE**



**PT-04-B035-G**



**PT-04-B055-G**



**PT-04-B085-G**

Located At Horizontal Angle = 45, Vertical Angle = 15  
# 1 - Vertical Plane Through Horizontal Angles (45 - 225) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (15) (Through Max. Cd.)