

**Discontinued**  
Contact Fulham for availability. Not for use in new designs.



## CN04 Induction Canopy Series



The **CN04 Induction Canopy Series** can be used in a variety of commercial applications including gas stations, parking structures, convenience stores, banks and pharmacy drive thru canopies. Optimized for heights of 8ft to 20ft that require an IP65 for wet locations. Available in a Tubular lamp type and multiple wattages. 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 -**

- Parking Structure
- Convenience Stores
- Pharmacy Drive Thru Canopies
- Intended use for Replacements of HID Gas station Canopies

- Gas Station
- Banks
- Pharmacy Drive Thru Canopies

**CONSTRUCTION -**

- Corrosion Resistant Die Cast Aluminum Housing
- Low Professional Profile Design
- Standard Powder Coated Finish: Gray
- Heat and UV Resistant Prismatic Polycarbonate Lens or Clear Curved Tempered Glass Lens<sup>2</sup>

- Separate Generator and Lamp Compartment is Engineered for Great Reliability and Easy Maintenance
- Universal Mounting Knockouts Allows for a Quick and Straightforward Installation
- Surface Mounted

**ELECTRICAL -**

- Universal Voltage (120V – 277V)
- High Power Factor (>.95)
- Ambient Temperature Rating: -30°C to 40°C
- Step Down Transformer Voltage: 347V/480V to 277V
- CSA: 208V-347V
- CE: 208V-240V

- Input Frequency: 50/60 Hz
- Operating Frequency: 250 kHz
- Ballast Type: Class P Type 1 outdoor
- THD %: < 10%
- Pre-Wired Output Connector (Plug and Play)
- Constant Wattage Output With Less Than 3% Variance

**LAMP TYPE/WATTAGES -**

- Tubular Induction Lamps Available: 70W, 80W, 100W, 120W, 150W
- Standard Kelvin Temperature is 5000K: Provides a Cooler Color Temperature
- Low Lumen Depreciation, >70% Lumen Maintenance at 60,000 Hours

- Wide Range of Color Temperature Options 2700K - 6500K<sup>2</sup> Available
- Pre-Wired Input Connector

**COMPLIANCE -**

- UL listed – UL 1598 (E363375)
- cUL listed – UL 1598 (E363375)
- CSA listed<sup>1</sup>: 80W, 100W, 120W, 150W (Polycarbonate Lens Only)
- CE listed<sup>1</sup>: 70W, 80W, 100W, 120W, 150W (Glass Lens Only)

- IP65: Suitable for Wet Location
- Surge Immunity – IEC 61000-4-5: Class 4
- FCC Part 18-A

**OPTICS -**

- Specular Polished Surface Reflector Finish
- Precision Formed Aluminum Reflector: Total Reflectivity of 87%

- Clear Polycarbonate Lens or Clear Curve Glass Lens<sup>2</sup>
- Type V Distribution

**WARRANTY -**

- Five-year Limited Warranty

- LINEAR INTEGRATED INDUCTION GENERATOR
- TUBULAR INDUCTION 70W - 150W
- MOUNTING HEIGHT 8' TO 20'

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 lead time.  
2 Consult with your sales representative for availability.

### ORDERING OPTIONS

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

TYPE	SERIES	LAMP	WATTAGE	LENS	ORDERING OPTIONS
CN = CANOPY	04 = 04 SERIES	T = TUBULAR	070 = 70W 080 = 80W 100 = 100W 120 = 120W 150 = 150W	P = POLYCARBONATE  G = GLASS	BLANK = 5000K 27 = 2700K 30 = 3000K 40 = 4000K 60 = 6000K 65 = 6500K J = CSA <sup>1</sup> Z = CE <sup>1</sup>

**Example:** CN-04-T070-P (Canopy 04 series Tubular 70W lamp with Polycarbonate lens)

### ACCESSORIES

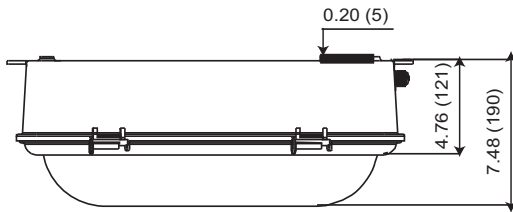
DESCRIPTION:	PART NUMBER:
STEP DOWN TRANSFORMER	
35W-100W	HH-ILS-SD1-125VA
120W-200W	HH-ILS-SD2-245VA

**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)
CN04-T070-P CN04-T070-G	70	74	0.62 - 0.27	5250	70	70%-75%	> 80	5000
CN04-T080-P CN04-T080-G	80	84	0.70 - 0.30	6000	70			
CN04-T100-P CN04-T100-G	100	105	0.88 - 0.38	8000	75			
CN04-T120-P CN04-T120-G	120	126	1.05 - 0.45	9600	75			
CN04-T150-P CN04-T150-G	150	158	1.32 - 0.57	12750	80			

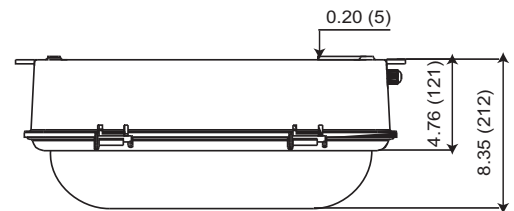
**Mechanical Data**

**GLASS LENS**

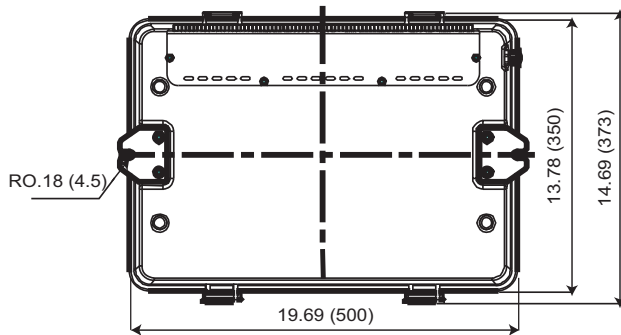


**SIDE VIEW**

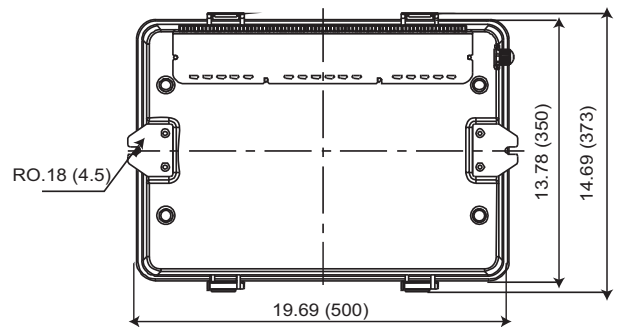
**POLYCARBONATE LENS**



**SIDE VIEW**



**TOP VIEW  
(SURFACE MOUNTED)**



**TOP VIEW  
(SURFACE MOUNTED)**

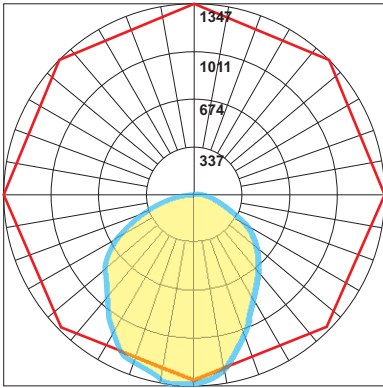
(Cord Length : 10")

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

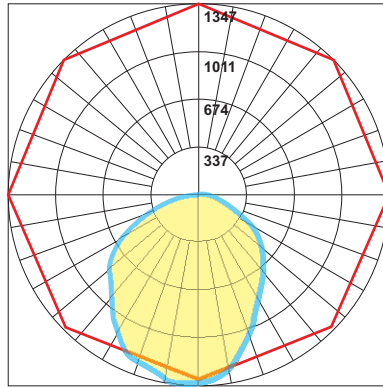
### Photometric Data

IES files available upon request.

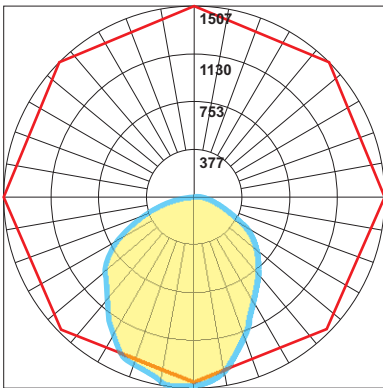
#### POLAR GRAPH



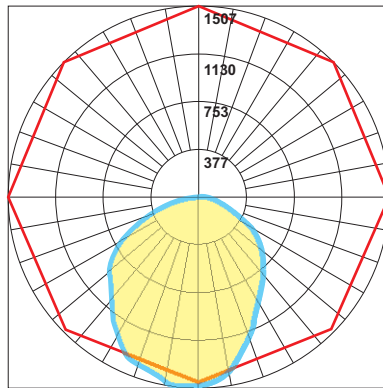
**CN04-T070-G**



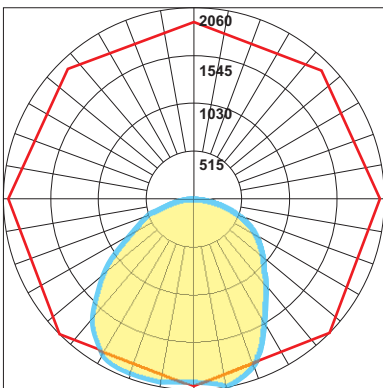
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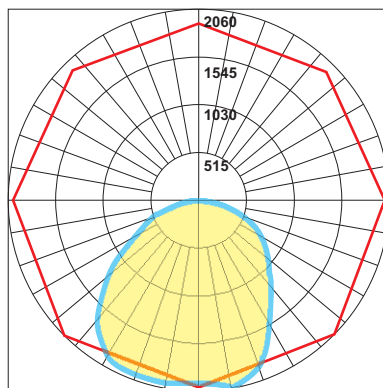
**CN04-T080-G**



**CN04-T080-P**



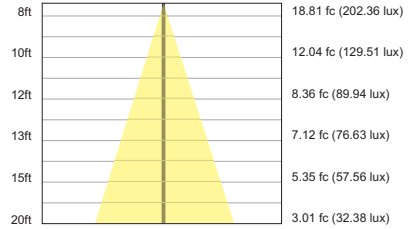
**CN04-T100-G**



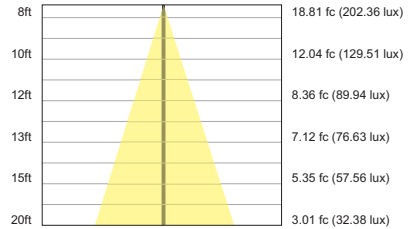
**CN04-T100-P**

Located At Horizontal Angle = 360, Vertical Angle = 10  
 # 1 - Vertical Plane Through Horizontal Angles (360 - 180) (Through Max. Cd.)  
 # 2 - Horizontal Cone Through Vertical Angle (10) (Through Max. Cd.)

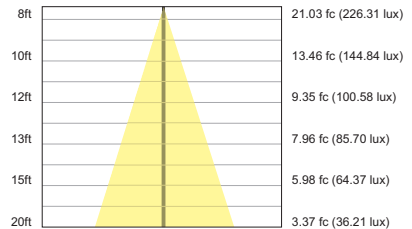
#### ILLUMINANCE AT DISTANCE



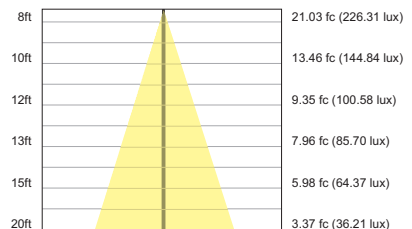
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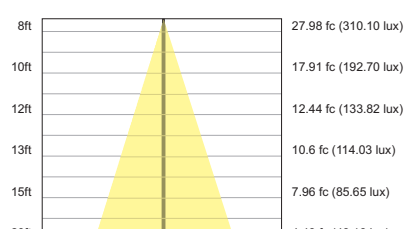
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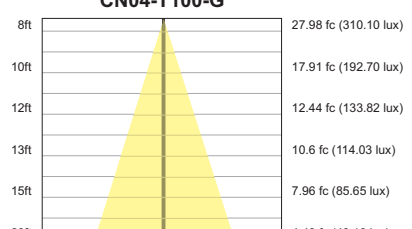
**CN04-T080-G**



**CN04-T080-P**



**CN04-T100-G**

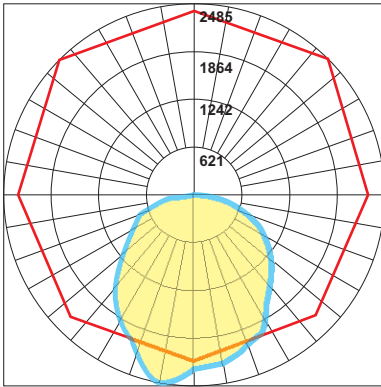


**CN04-T100-P**

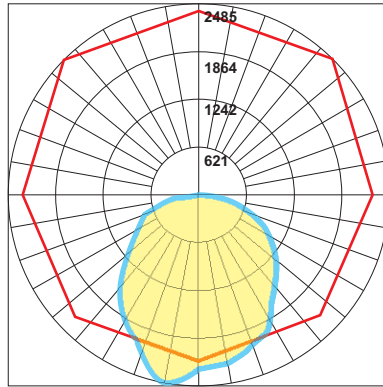
### Photometric Data

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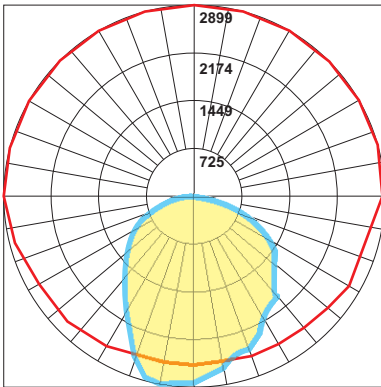
#### POLAR GRAPH



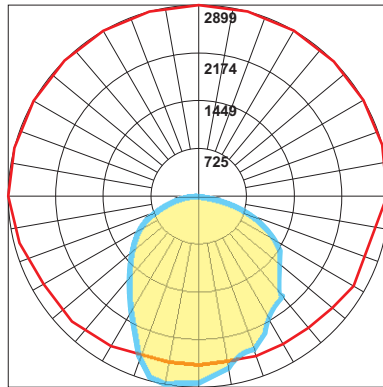
**CN04-T120-G**



**CN04-T120-P**

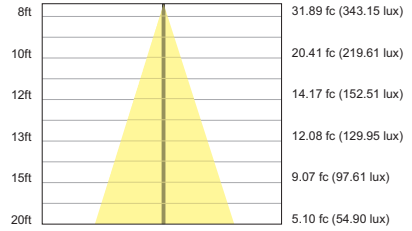


**CN04-T150-G**

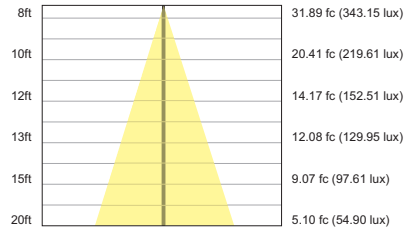


**CN04-T150-P**

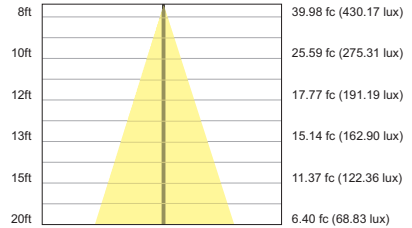
#### ILLUMINANCE AT DISTANCE



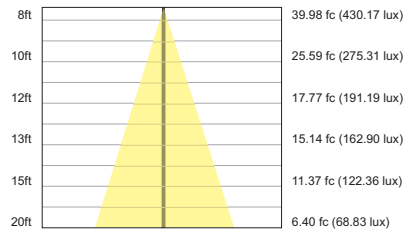
**CN04-T120-G**



**CN04-T120-P**



**CN04-T150-G**



**CN04-T150-P**

Located At Horizontal Angle = 135, Vertical Angle = 10  
 # 1 - Vertical Plane Through Horizontal Angles (135 - 315) (Through Max. Cd.)  
 # 2 - Horizontal Cone Through Vertical Angle (10) (Through Max. Cd.)