

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

CN03 Induction Canopy Series



The **CN03 Induction Canopy Series** can be used in a variety of commercial applications including parking structures, convenience stores, gas stations, banks and pharmacy drive thru canopies. Optimized for heights of 8ft to 12ft. Available in two lamp types 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 Lot
- Parking Structure
- Intended use for Replacements of HID Parking Garage Canopies With Architectural Requirements

- Gas Station
- Banks
- Pharmacy Drive Thru Canopies
- Convenience Stores

CONSTRUCTION -

- Corrosion Resistant Die Cast Aluminum Housing
- Low Profile Design for Architectural Applications
- Standard Powder Coated Finish: Dark Bronze
- Standard Mounting Option: Surface Mounted

- Heat and UV Resistant Prismatic Polycarbonate Lens
- Universal Mounting Knockouts Allows for a Quick and Straightforward Installation

ELECTRICAL -

- Universal Voltage (120V – 277V)
- High Power Factor (>.95)
- Ambient Temperature Rating: -20°C to 40°C
- Input Frequency: 50/60 Hz
- Constant Wattage Output With Less Than 3% Variance

- Operating Frequency: 250 kHz
- Ballast Type: Class P Type 1 outdoor
- THD %: < 10%
- Pre-Wired Output Connector (Plug and Play)
- Step Down Transformer Voltage: 347V/480V to 277V

LAMP TYPE/WATTAGES -

- Circular Induction Lamps Available: 40W, 55W, 70W, 80W
- Bulb Induction Lamps Available: 35W, 55W
- Pre-Wired Input Connector (Plug and Play)
- Low Lumen Depreciation, >70% Lumen Maintenance at 60,000 Hours

- Wide Range of Color Temperature Options 2720K - 6500K² Available
- Standard Kelvin Temperature is 5000K: Provides a Cooler Color Temperature

COMPLIANCE -

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

- IP43: Suitable for Damp Location
- Surge Immunity – IEC 61000-4-5: Class 4

DIMMING INDUCTION GENERATOR SPECIFICATIONS -

- Dimming interface is electrically isolated for safety and reliability
- Dimmable Induction generator can work as a regular generator to drive the lamp at full range when the 0-10V interface is not connected.
- The output wattage is about 50% at 0-3VDC.
- The output wattage is dimmed from 100% to 50% at the 9-3VDC.
- Dimming wires: Violet (+), Gray (-)
- The output wattage is 100% at 9-10VDC.

- The output wattage is at the 100% range when the system is power ON. If the system is set on a dim level then it will dim within 30 seconds.
- Shorting the two dimming wires (Violet and Gray) sets the system to the lowest dim level of 50%, acting as a bi-level dimming system.

OPTICS -

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

- Glare Reduction Lens
- Type V Distribution

WARRANTY -

- Five-year Limited Warranty

NOTE:
1 Consult with your sales representative for lead time.
2 Consult with your sales representative for availability.
3 Application option is only available for the circular 70W and 80W.
4. Dimming Generator, No Sensor included

PROFILE INDUCTION GENERATOR

CIRCULAR INDUCTION
40W - 80W

BULB INDUCTION
35W - 55W¹

MOUNTING HEIGHT
8' TO 12'

DIMMING WATTAGES
CIRCULAR 40W - 80W



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

ORDERING OPTIONS

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

TYPE	SERIES	LAMP	WATTAGE	LENS	MOUNTING	ORDERING OPTIONS
CN = CANOPY	03 = 03 SERIES	B = BULB C = CIRCULAR	035 = 35W 055 = 55W 040 = 40W 055 = 55W 070 = 70W 080 = 80W	P = POLYCARBONATE	BLANK = SURFACE MOUNTED E = PENDANT MOUNTED ¹	M = 0-10V Dimming ⁴ BLANK = 5000K 27 = 2700K 30 = 3000K 40 = 4000K 60 = 6000K 65 = 6500K

Example: CN-03-C040-P (Canopy 03 series Circular 40W lamp with Polycarbonate lens)

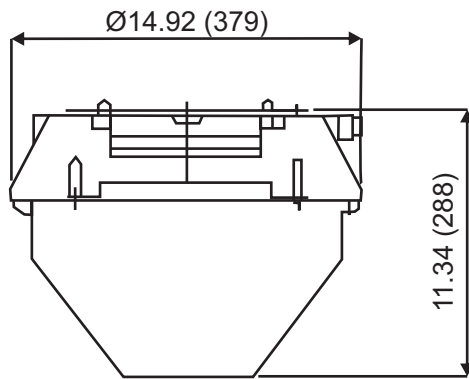
ACCESSORIES

DESCRIPTION:	PART NUMBERS:
STEP DOWN TRANSFORMER	
35W-100W	HH-ILS-SD1-125VA
FIREHORSE HOTSPOT ³	
DRIVER:	FHS1-UNV-3.6L
LED CLUSTER:	FHS5-AR-6W-CL
BATTERY OPTIONS:	FHSBATT3-C3 (90 min.), FHSBATT3-D4 (125 min.), FHSBATT3-F7 (235 min.)

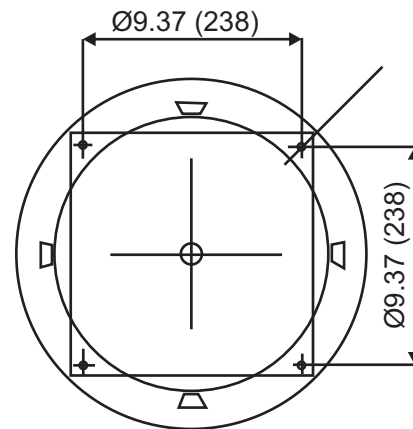
ELECTRICAL CHARACTERISTICS

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)
CN03-B035-P/M CN03-B035-P-E/M	35	37	0.31 - 0.13	2625	70	70%-75%	> 80	5000
CN03-B055-P/M CN03-B055-P-E/M	55	58	0.74 - 0.32	4380	70			
CN03-C040-P/M CN03-C040-P-E/M	40	42	0.35 - 0.15	3000	70			
CN03-C055-P/M CN03-C055-P-E/M	55	58	0.48 - 0.21	4380	70			
CN03-C070-P/M CN03-C070-P-E/M	70	74	0.62 - 0.27	5250	70			
CN03-C080-P/M CN03-C080-P-E/M	80	84	0.70 - 0.30	6000	70			

Mechanical Data



SIDE VIEW



**TOP VIEW
(SURFACE MOUNT)**

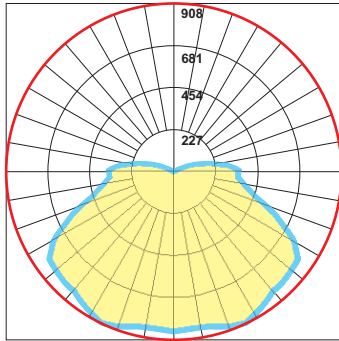
(Cord Length : 13")

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

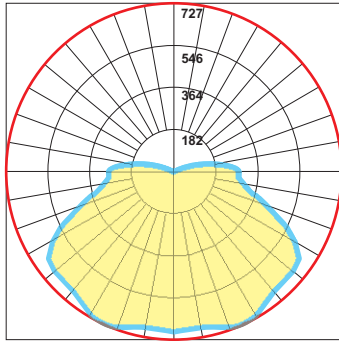
Photometric Data

IES files available upon request.

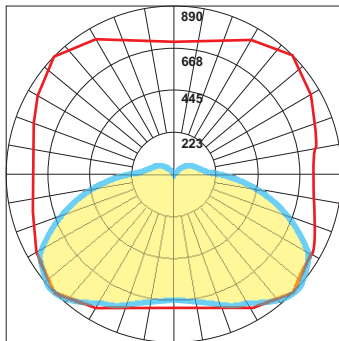
POLAR GRAPH



CN03-C080-P/M

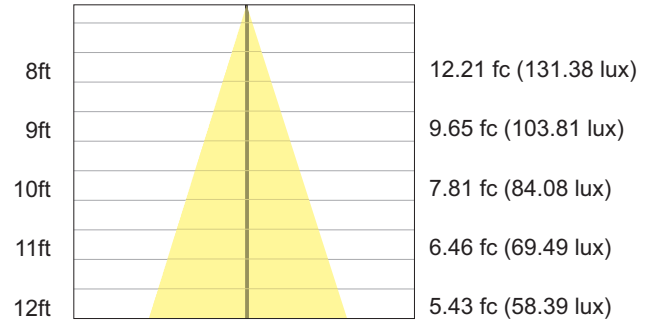


CN03-C070-P/M

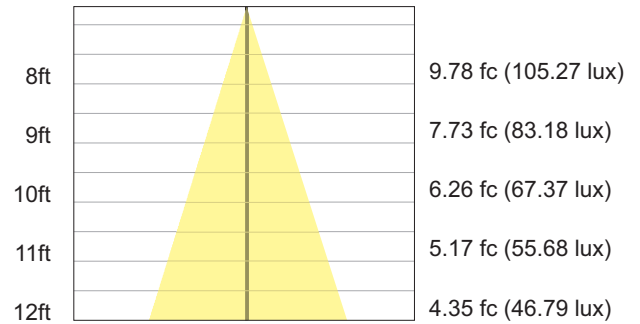


CN03-C055-P/M

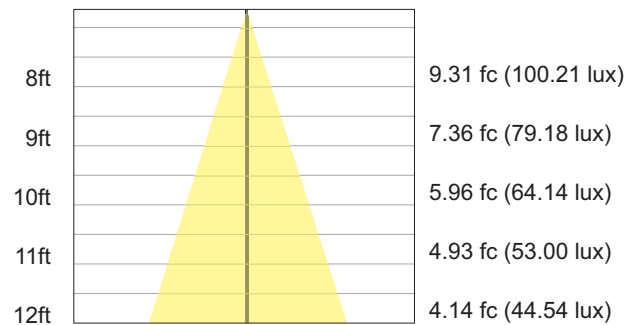
ILLUMINANCE AT DISTANCE



CN03-C080-P/M



CN03-C070-P/M



CN03-C055-P/M

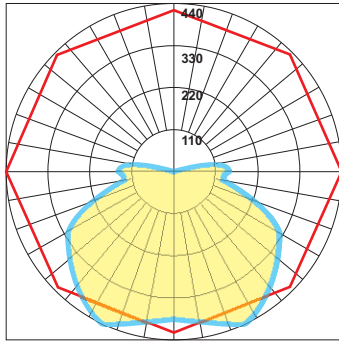
Located At Horizontal Angle = 0, Vertical Angle = 25
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (25) (Through Max. Cd.)

CN03 Induction Canopy Series

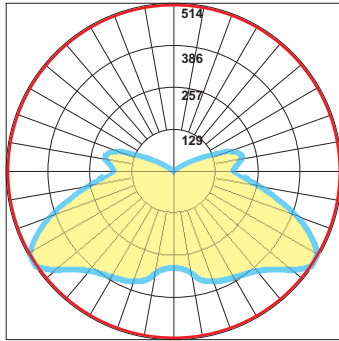
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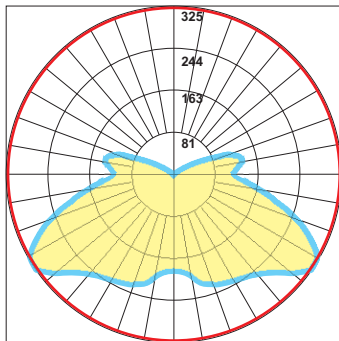
POLAR GRAPH



CN03-C040-P/M

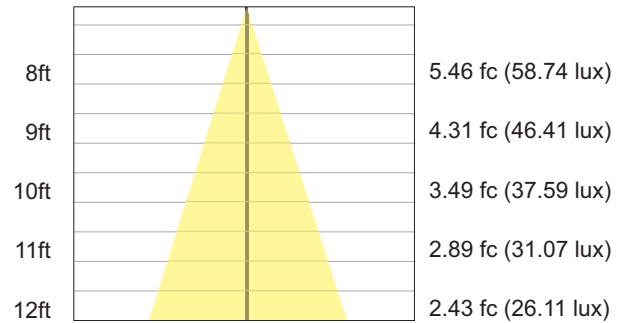


CN03-B055-P/M

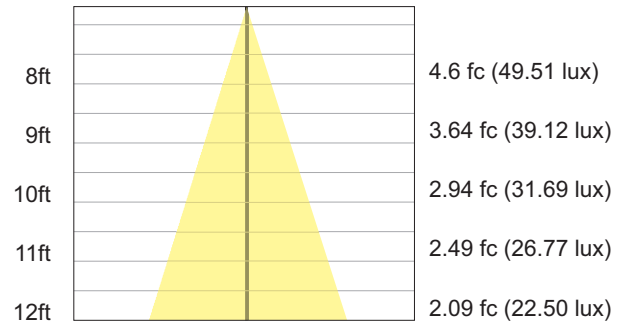


CN03-B035-P/M

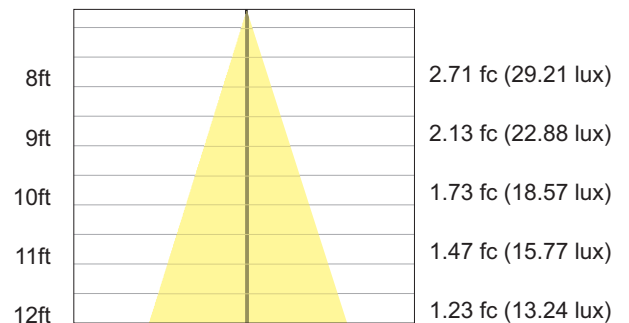
ILLUMINANCE AT DISTANCE



CN03-C040-P/M



CN03-B055-P/M



CN03-B035-P/M

Located At Horizontal Angle = 0, Vertical Angle = 25

1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)

2 - Horizontal Cone Through Vertical Angle (25) (Through Max. Cd.)