

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



FL02 Induction Floodlight Series



SEALED DIE CAST INDUCTION GENERATOR

TUBULAR INDUCTION
120W - 200W

MOUNTING HEIGHT
8' TO 30'



The **FL02 Induction Floodlight Series** can be used in a variety of applications including billboard, parking lots, area lighting, tennis courts, scenic lighting, and industrial environments. Optimized for heights of 8ft to 30ft. FL02 Series has a fully adjustable mounting bracket, this allows the light to be aim and directed where it's needed. Can be use as upward and downward lighting. The die cast aluminum housing provides a superior corrosion resistance. 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 -

- Billboard
- Parking Lots
- Area Lighting
- Intended use for Replacements of HID Flood Lighter Luminaire

- Tennis Court
- Scenic Lighting
- Industrial Applications

CONSTRUCTION -

- Die Cast Aluminum Housing
- Corrosion Resistant
- Anodized Aluminum Reflector
- Standard Powder Coated Finish: Black

- Gas-tight Silicon Rubber Seal
- Flat Tempered Glass Lens
- Universal Mounting Bracket
- Generator Remote Mounted

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
- CSA: 208V-347V
- CE: 208V-240V

- 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
- No Noise Compare to HID Systems
- THD %: < 10%

LAMP TYPE/WATTAGES -

- Tubular Induction Lamps Available: 120W¹, 150W, 200W
- Standard Kelvin Temperature is 5000K: Provides a Cooler Color Temperature
- Wide Range of Color Temperature Options 2700K – 6500K¹ 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)
- CSA listed¹: 120W, 150W, 200W
- CE listed¹: 120W, 150W, 200W

- 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 Anodized Reflector

- 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.

ORDERING OPTIONS						
TYPE	SERIES	LAMP	WATTAGE	LENS	LIGHT DIRECTION	ORDERING OPTIONS
FL = FLOODLIGHT	02 = 02 SERIES	T = TUBULAR	120 = 120W 150 = 150W 200 = 200W	G = GLASS	BLANK = DOWNWARD U = UPWARD	BLANK = 5000K 27 = 2700K 30 = 3000K 40 = 4000K 60 = 6000K 65 = 6500K J = CSA ¹ Z = CE ¹

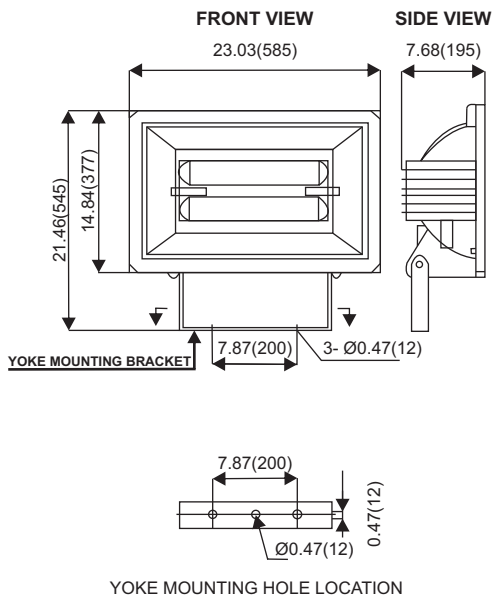
Example: FL-02-T200-G (Floodlight 02 series Tubular 200W lamp with Glass lens)

ELECTRICAL CHARACTERISTICS

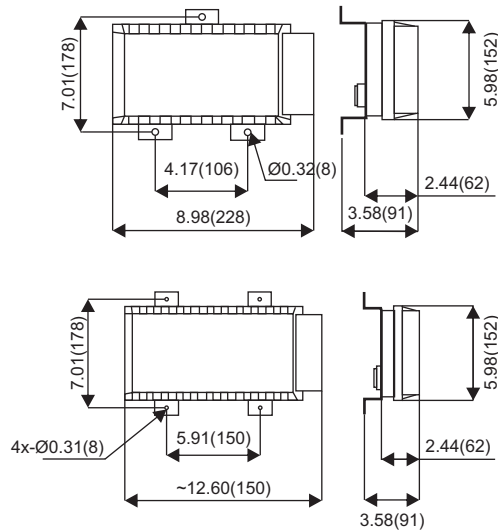
MODEL NO.	RATED WATTAGE (W)	INPUT POWER (W)	INPUT CURRENT 120V - 277V (AMP)	LAMP RATED INITIAL LUMINANCE (LM)	EFFICACY (LM/W)	LUMEN MAINTENANCE	COLOR RENDERING INDEX	CCT (KELVIN)
FL02-T120-G FL02-T120-G-U	120	126	1.05 - 0.45	9600	70 - 75	70%-75%	> 80	5000
FL02-T150-G FL02-T150-G-U	150	158	1.32 - 0.57	12750	80 - 85			
FL02-T200-G FL02-T200-G-U	200	210	1.75 - 0.76	17000	80 - 85			

Mechanical Data

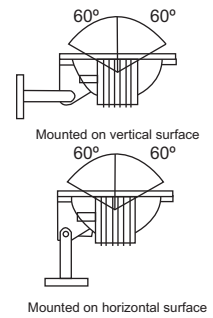
LUMINAIRE



GENERATOR MOUNTING



MOUNTING ANGLES



(Cord Length : 39")

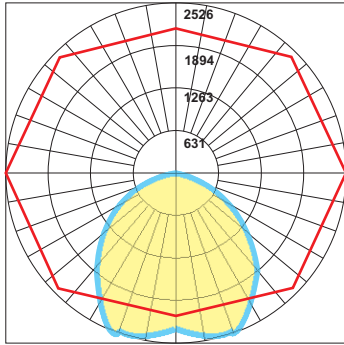
All dimensions are shown in inches (millimeters) unless otherwise noted.

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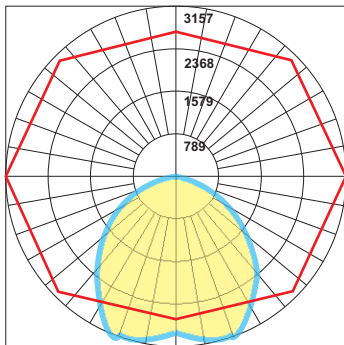
Photometric Data

IES files available upon request.

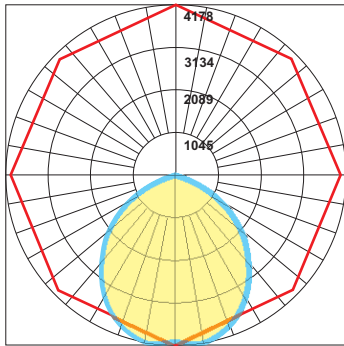
POLAR GRAPH



FL02-T120-G

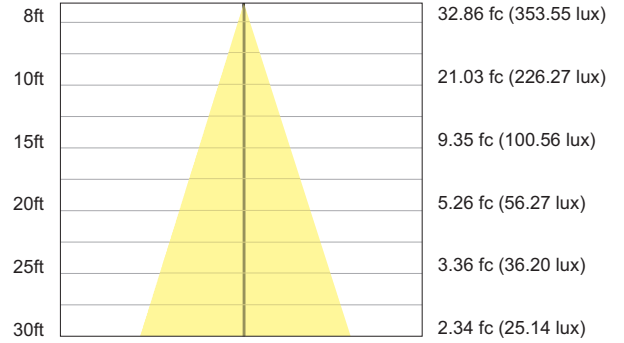


FL02-T150-G

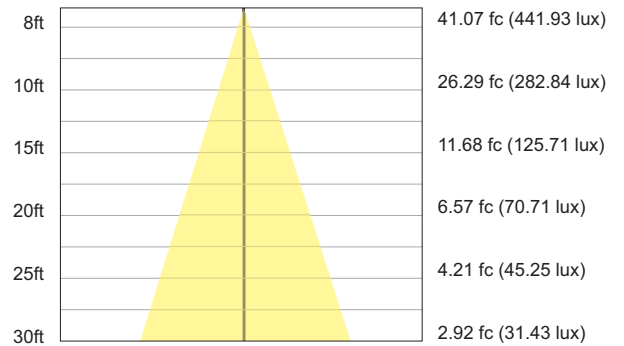


FL02-T200-G

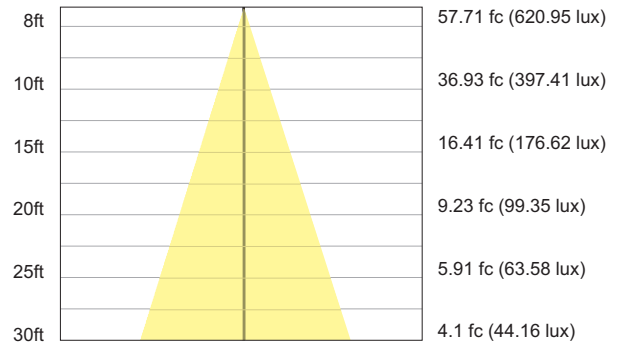
ILLUMINANCE AT DISTANCE



FL02-T120-G



FL02-T150-G



FL02-T200-G

Located At Horizontal Angle = 90, Vertical Angle = 5
 # 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)