

# Basic Collection

SECURITY LIGHTERS

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



## SL01 Induction Security Lighter Series



The **SL01 Induction Security Lighter Series** can be used in a variety of applications including parking lots, area lighting, parks, area lighting, gardens, and security areas. Optimized for heights of 8ft to 20ft. SL01 Series is ideal for areas of high security and safety. 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. Induction lighting produces a high S/P ratio increasing visibility levels. 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 -**

- Building
- Parking Lots
- Area Lighting
- Intended use for Replacements of HID Luminaries of Area Lighting

- Gardens
- Parks
- Security Areas

**CONSTRUCTION -**

- Die Cast Aluminum Housing
- Corrosion Resistant
- Low Profile Design
- Aluminum Finish Housing
- Generator IP 55 Rated

- Standard Powder Coated White Generator
- Heat Resistance Acrylic Hood
- Pole Mounted (Diameter 1.57")
- Photocell NOT Included
- Preinstalled Photocell Receptacle

**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
- 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
- No Noise Compare to HID Systems

**LAMP TYPE/WATTAGES -**

- Circular Induction Lamps Available: 40W<sup>1</sup>, 70W<sup>1</sup>, 80W, 100W
- Bulb Induction Lamps Available: 35W<sup>1</sup>, 55W<sup>1</sup>, 85W
- Standard Kelvin Temperature is 5000K: Provides a Cooler Color Temperature
- Wide Range of Color Temperature Options 2700K – 6500K Available

- Pre-Wired Input Connector
- Low Lumen Depreciation, >70% Lumen Maintenance at 60,000 Hours
- Vibration and Shock Resistant: No Filament
- CRI >80

**COMPLIANCE -**

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

- Generator IP55: Suitable for Wet Location
- Surge Immunity – IEC 61000-4-5: Class 4

**OPTICS -**

- Die Cast Aluminum Reflector Hood
- Acrylic Hood, High Heat Resistant

- Type V Distribution

**WARRANTY -**

- Five-year Limited Warranty

SECURITY DISC INDUCTION GENERATOR

CIRCULAR INDUCTION  
40W – 100W

BULB INDUCTION  
35W - 85W

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 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	PHOTOCELL	ORDERING OPTIONS
SL = SECURITY LIGHTER	01 = 01 SERIES	C = CIRCULAR	040 = 40W 070 = 70W 080 = 80W 100 = 100W	A = ACRYLIC	BLANK = NO PHOTOCELL RECEPTACLE  P = PHOTOCELL RECEPTACLE	BLANK = 5000K 27 = 2700K 30 = 3000K 40 = 4000K 60 = 6000K 65 = 6500K
		B = BULB	035 = 35W 055 = 55W 085 = 85W			

Example: SL-01-B85-A (Security Lighter 01 series Bulb 85W lamp with Acrylic lens)

### ACCESSORIES

DESCRIPTION:	PART NUMBER:
PHOTOCELL (BLUE)	ILAPHCU
PHOTOCELL-10	ILAPHCU10

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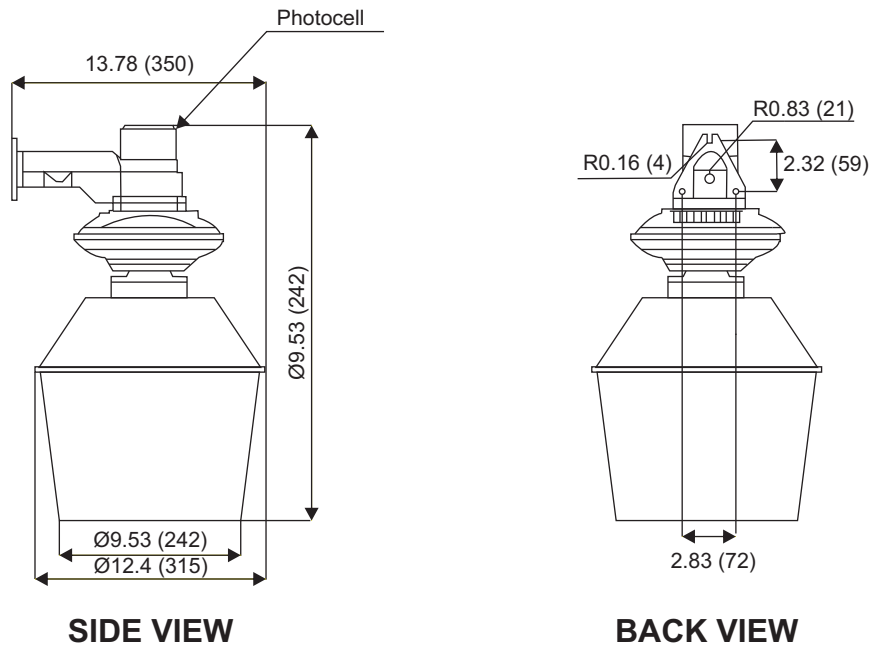
## SL01 Induction Security Lighter Series

### 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)
SL01-C040-A SL01-C040-A-P	40	42	0.35 - 0.15	3000	70 - 75	70%-75%	> 80	5000
SL01-C070-A SL01-C070-A-P	70	74	0.62 - 0.27	5250	70 - 75			
SL01-C080-A SL01-C080-A-P	80	84	0.70 - 0.30	6000	70 - 75			
SL01-C100-A SL01-C100-A-P	100	105	0.88 - 0.38	8000	75 - 80			
SL01-B035-A SL01-B035-A-P	35	37	0.31 - 0.13	2625	70 - 75			
SL01-B055-A SL01-B055-A-P	55	58	0.48 - 0.21	4380	75 - 80			
SL01-B085-A SL01-B085-A-P	85	89	0.74 - 0.32	6800	75 - 80			

### Mechanical Data

#### DRAWING WITH PHOTOCELL



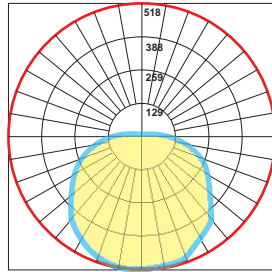
All dimensions are shown in inches (millimeters) unless otherwise noted.

## SL01 Induction Security Lighter Series

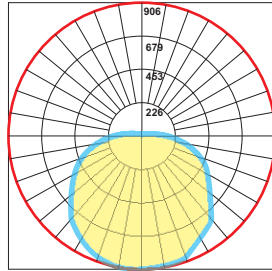
### Photometric Data

IES files available upon request.

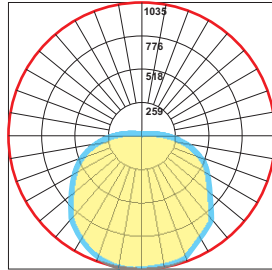
#### POLAR GRAPH



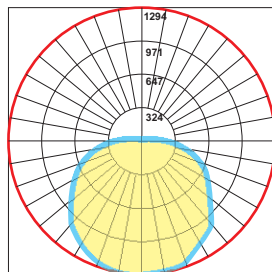
**SL01-C040-A**



**SL01-C070-A**

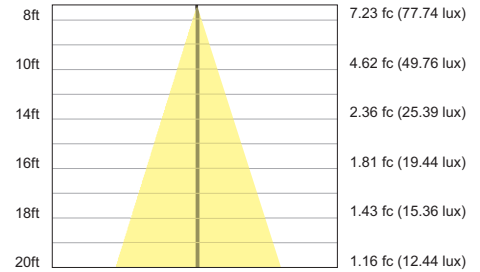


**SL01-C080-A**

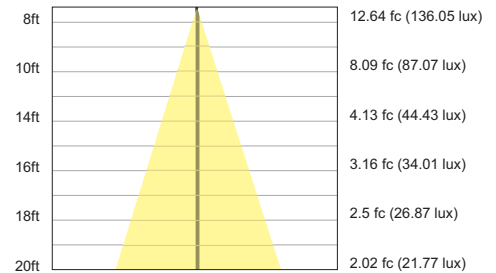


**SL01-C100-A**

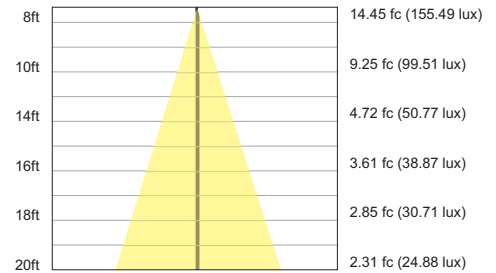
#### ILLUMINANCE AT DISTANCE



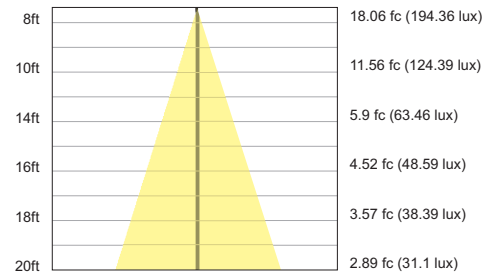
**SL01-C040-A**



**SL01-C070-A**



**SL01-C080-A**



**SL01-C100-A**

Located At Horizontal Angle = 0, Vertical Angle = 5

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

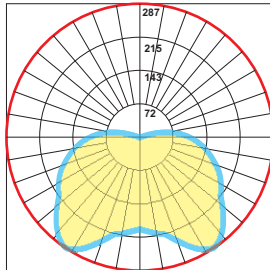
# 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

## SL01 Induction Security Lighter Series

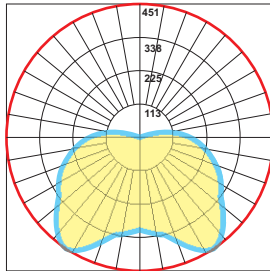
### Photometric Data

IES files available upon request.

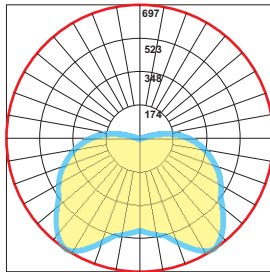
#### POLAR GRAPH



**SL01-B035-A**

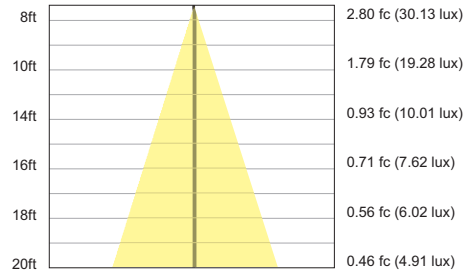


**SL01-B055-A**

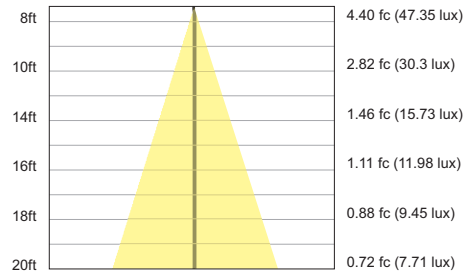


**SL01-B085-A**

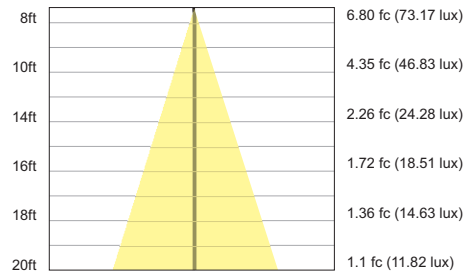
#### ILLUMINANCE AT DISTANCE



**SL01-B035-A**



**SL01-B055-A**



**SL01-B085-A**

Located At Horizontal Angle = 0, Vertical Angle = 35  
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
 # 2 - Horizontal Cone Through Vertical Angle (35) (Through Max. Cd.)