

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

SGC-F CANOPY

SLING SERIES - SWITCHABLE CEILING/SURFACE/GARAGE

trade**SELECT**

FEATURES

- Commercial grade LED canopy luminaire for use in outdoor applications such a commercial building, retail, government and educational facilities
- Field switchable lumens and LED color temperature (3000K, 4000K, 5000K), 80CRI
- Up to 167 LPW for maximum energy savings and reduced operating costs.
- Integrated photocell and microwave occupancy sensor for enhanced energy management.
- Quick-install design featuring a flip-open cover for simplified installation and maintenance.



SPECIFICATIONS

CONSTRUCTION

- Die-cast aluminum housing holds and seals housing with two stainless steel screws
- Strong UV stabilized polycarbonate lens suitable for outdoor use
- Housing size: 10" x 10" x 3"

OPTICS

- Type 5 Distribution

ELECTRICAL

- 0-10 Volt dimmable driver
- Switchable wattage includes 25, 40, 50, 60, 70W
- Switchable CCT includes 3K, 4K, 5K
- Ambient operating temperature -40C to 40C

INSTALLATION

- 3/4" conduit entry on top for pendant mounting
- 1/2" conduit entry on three sides
- Able to mount on a minimum of 3-3.5" junction box

CERTIFICATIONS

- Listed to UL1598
- IP65

WARRANTY

- 5 year warranty

KEY DATA

KEY DATA	
Lumen Range	3,500-10,900
Wattage Range	25-70W
Efficacy Range (LPW)	147-167
Weights lbs. (kg)	5.3 (2.4)

STOCK ORDERING INFORMATION

Catalog Number	Wattage	Voltage	Distribution	Lumens	LPW	CCT/CRI	Finish
SGC-F-70-LSCS-UNVC	20-70W	120-347V	5	3500-10,900	147-167	3000K, 4000K, 5000K	Dark Bronze

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PERFORMANCE DATA

		5K		4K		3K	
		5000K nominal, 80 CRI		4000K nominal, 80 CRI		3000K nominal, 80 CRI	
Nominal Wattage	System Power (Watts)	Lumens	LPW*	Lumens	LPW*	Lumens	LPW*
20	20.5	3466	167	3456	166	3261	157
40	40.8	6811	167	6792	166	6407	157
50	51.1	8359	164	8335	163	7863	154
60	60.9	9728	160	9700	159	9151	150
70	69.8	10898	156	10866	162	10252	147

* Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown. Actual performance may differ as a result of end-user environment, application and inherent performance tolerances of the electrical components

ELECTRICAL DATA

Nominal Wattage	20	40	50	60	70
System Power (W)	20.5	40.8	51.1	60.9	69.8
Input Voltage (V)	Current (Amps)				
120	0.17	0.34	0.43	0.51	0.58
208	0.10	0.20	0.25	0.29	0.34
240	0.09	0.17	0.21	0.25	0.29
277	0.07	0.15	0.18	0.22	0.25
347	0.06	0.12	0.15	0.18	0.20

PROJECTED LUMEN MAINTENANCE

Ambient Temperature	OPERATING HOURS				
	0	25,000	36,000	TM-21-11 50,000	L70 (Hours)
40°C / 113°F	1.00	0.94	0.91	0.88	54,000

LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

Ambient Temperature		Lumen Multiplier
0°C	32°F	1.03
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.98

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

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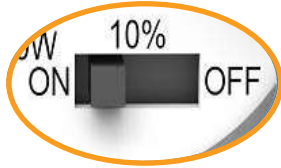
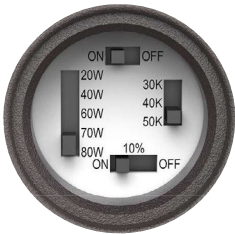
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4-IN-1 SWITCHABLE

- CCT Selectable
- Wattage Selectable
- Photocell ON/OFF
- Motion sensor ON/OFF



INTEGRATED OCCUPANCY SENSOR SETTINGS



Sensor	
Install Height	Maximum 13 ft. (4 meters)
Detection Distance	10 - 16 ft. (3-5 meters)
Illumination Hold time	10 Minutes
Stand by Illumination	10% (under 10% Dim Mode)

10% Dim



10% Dim Mode
The lights turn on when activity/motion is detected. After 10 minutes and no motion has been sensed, the light brightness is 10% lux standby. The minimum wattage is 5W.

Switch ON



Switch ON Mode
The lights turn on when activity/motion is detected. After 10 minutes and no motion has been sensed, the light shuts off completely

Switch OFF



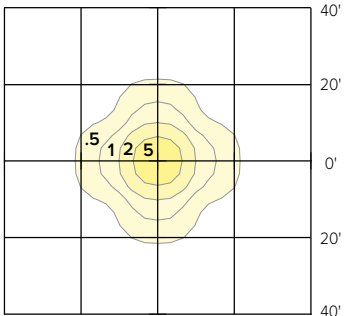
Switch OFF Mode
The motion sensor closed, no motion sensing function.

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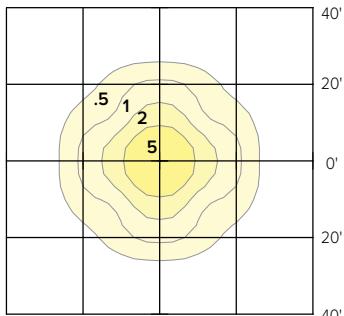
PHOTOMETRY

SGC-F-70-LSCS-UNVC @ 20W



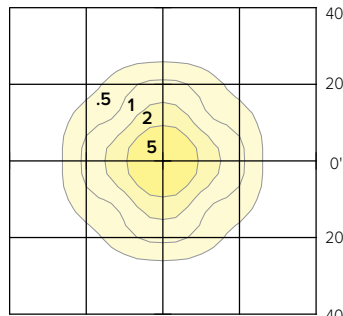
Mounting Height: 10'

SGC-F-70-LSCS-UNVC @ 40W



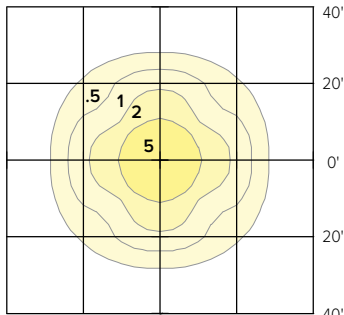
Mounting Height: 10'

SGC-F-70-LSCS-UNVC @ 50W



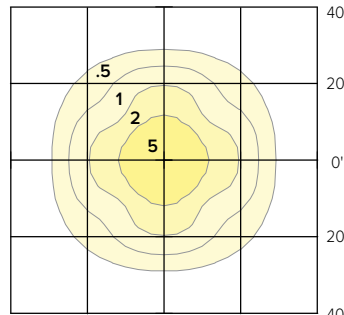
Mounting Height: 10'

SGC-F-70-LSCS-UNVC @ 60W



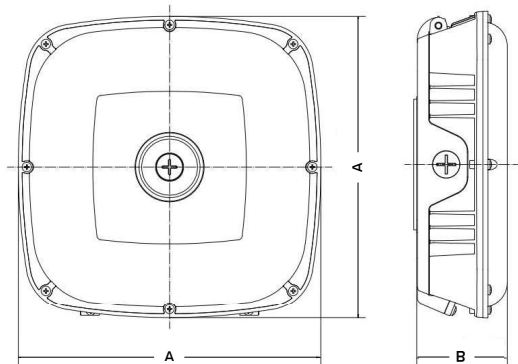
Mounting Height: 10'

SGC-F-70-LSCS-UNVC @ 70W



Mounting Height: 10'

DIMENSIONS



A	B	Weight
10.0" (254 mm)	2.96" (75.1mm)	5.3lbs (2.4kg)

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