

# SLING SERIES SG

Cat.#	
Job	Type



**HUBBELL**  
Outdoor Lighting

Approvals

## SPECIFICATIONS

### Intended Use:

Slender wallpack/floodlight available in two sizes for a variety of applications including building perimeter/security lighting, entrances, stairways, loading docks or facades for schools, apartments or commercial buildings.

### Construction:

Rugged die-cast aluminum housing with corrosion resistant powder coat finish both protects and provides architectural appearance. Heat dissipating fins provide superior thermal performance extending the life of the electronic components.

### Electrical:

- 120-277V, 50/60Hz electronic drivers
- 20, 30 and 80 watt versions have 0-10V dimmable drivers
- 347V and 480V available in larger SG2 housing
- 10KA surge protection included

### LED(s) Optics, CCT:

- 3000K, 4000K and 5000K CCT nominal with 70 CRI
- Smaller SG1 housing has 2 LEDs, larger SG2 housing has 3 LEDs, see page 2 for electrical and photometric data

### Lenses:

- Impact resistant tempered glass offers zero uplight
- Comfort lens available as an option or accessory to reduce glare (7-10% lumen reduction) and provide better uniformity

### Installation:

- Side hinge allows for easy installation and wiring.
- Side movement avoids damage to the lens and helps prevent injury common in drop down hinge designs.
- Mounts to 4" junction box and includes a gasket to help seal electrical connections.
- Four ½" threaded conduit hubs for surface conduit provided

### Options/Controls

- Button photocontrol for dusk to dawn energy savings. Stock versions include 120V-277V PC with a cover which provides a choice to engage photocontrol or not. PC is installed in top hub.
- Occupancy sensor available for on/off and dimming control in larger SG2 housing.
- SiteSync™ wireless lighting control delivers flexible control strategies for reducing power consumption and minimizing maintenance costs while delivering the right light levels with a simple and affordable wireless solution. See ordering information or visit [www.hubbellighting.com/sitesync](http://www.hubbellighting.com/sitesync) for more details.
- Battery backup options available in larger SG2 housing rated for either 0° C or -30° C. Performance exceeds NEC requirement providing 1 fc minimum over 10'x10' at 11' mounting height
- Diffused comfort lens provides glare control and improved uniformity. Available as an option or accessory

### Listings

- DesignLights Consortium® (DLC) qualified. Please refer to the DLC website for specific product qualifications at [www.designlights.org](http://www.designlights.org)
- Listed to UL1598 for use in wet location, listed for -40C to 40C applications
- IDA approved with zero uplight for 3000K and warmer CCTs
- IP65

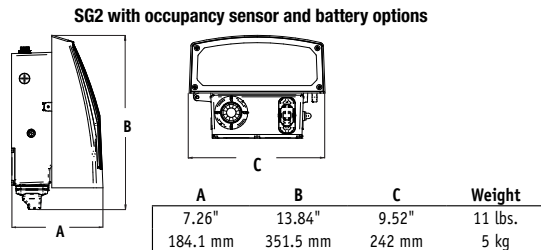
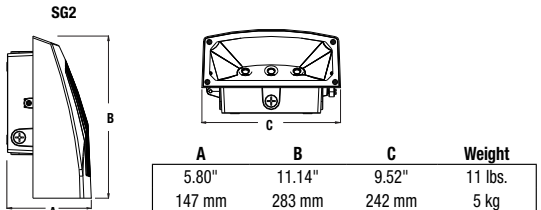
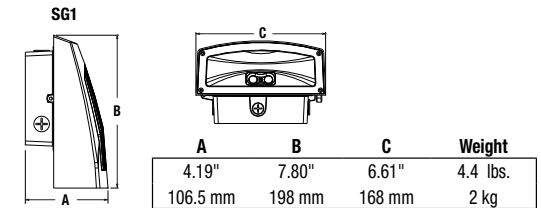
### Warranty:

Five year limited warranty (for more information visit: <http://www.hubbellighting.com/resources/warranty/>)

## PRODUCT IMAGE(S)



## DIMENSIONS



## CERTIFICATIONS/LISTINGS



tradeSELECT®

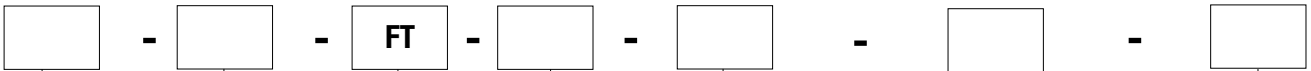
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\*3000K and warmer CCTs only

## SHIPPING INFORMATION

Catalog Number	G.W(kg)/CTN	Carton Dimensions			Carton Qty. per Master Pack
		Length Inch (cm)	Width Inch (cm)	Height Inch (cm)	
SG1	4.35lbs (2 kg)	9.5 (24)	8.25 (21)	5.25 (13.32)	6
SG2	11lbs (5 kg)	14 (35.5)	11.5 (29.2)	8 (20.3)	2

## ORDERING INFORMATION – ORDERING EXAMPLE: SG1-20-4K7-FT-UNV-DB



FAMILY	CCT/CRI	DISTRIBUTION	VOLTAGE	COLOR/FINISH	CONTROL OPTIONS	OPTIONS
<b>SG1-20</b> Size 1, 20w	<b>3K7</b> 3000K, 70 CRI	<b>FT</b> Fwd Throw	<b>UNV</b> 120V-277V	<b>DB</b> Textured Dark Bronze	<b>PCU</b> Button Photocontrol 120-277V	<b>CS</b> Comfort lens
<b>SG1-30</b> Size 1, 30w	<b>4K7</b> 4000K, 70 CRI		<b>120'</b> 120V	<b>BL</b> Textured Black	<b>SCO</b> <sup>1,2</sup> Sensor Control, on/off	<b>E1</b> <sup>2</sup> Battery 0°C
<b>SG2-50</b> Size 2, 50w	<b>5K7</b> 5000K, 70 CRI		<b>277'</b> 277V	<b>WH</b> Textured White	<b>SCP</b> <sup>1,2,3</sup> Sensor Control, Programmable	<b>EH</b> <sup>1,2</sup> Battery w/ heater -20°C
<b>SG2-80</b> Size 2, 80w			<b>UHV'</b> 347V-480V	<b>GYS</b> Smooth Gray	<b>SWP</b> <sup>1,2</sup> SiteSync, Precommission	
				<b>PS</b> Smooth Plat. Silver	<b>SWPM</b> <sup>1,2</sup> SiteSync, Precommission, Motion	
				<b>CC</b> Custom Color	<b>Specify MTG HT for SCO/SCP &amp; SWPM</b>	
					<b>8F</b> Up to 8'	
					<b>20F</b> Up to 20'	

<sup>1</sup> Available in SG2 only, UHV available in SG2-50 only

<sup>2</sup> Sensor controls & battery backup can not be used with flood accessory or kit or for inverted/up mounting.

<sup>3</sup> 120-277V only for SCO/SCP, 120 or 277 only for SWP, SWPM, E & EH

<sup>4</sup> Must order minimum of one remote control to program dimming settings, 0-10V fully adjustable dimming with automatic daylight calibration and different time delay settings, 120-277V only



**E/EH** Battery backup  
**SCO/SCP/SWP/SWPM** SiteSync



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Outdoor Lighting

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**ORDERING INFORMATION - Stock Versions**

Catalog Number	CCT/CRI	Wattage	Mounting Height	Voltage	Color	Lumens	LPW	Weight lbs. (kg)
SG1-20-PCU	5000K/70	21w	8-12ft	120-277V	Dark Bronze	2263	108	4.3 (2)
SG1-20-4K-PCU	4000K/70					2310	110	
SG1-30-PCU	5000K/70	29w	10-15ft			3270	113	
SG1-30-4K-PCU	4000K/70					3060	105	
Catalog Number	CCT/CRI	Wattage	Mounting Height	Voltage	Color	Lumens	LPW	Weight lbs. (kg)
SG2-50-PCU	5000K/70	51w	12-18ft	120-277V	Dark Bronze	5548	110	11 (5)
SG2-50-4K-PCU	4000K/70					5526	109	
SG2-80-PCU	5000K/70	80w	15-25ft			8061	101	
SG2-80-4K-PCU	4000K/70					8079	101	

**PERFORMANCE DATA**

Catalog number	# of LEDs	Drive Current	System Watts	5K (5000K nominal, 70 CRI)					4K (4000K nominal, 70 CRI)					3K (3000K nominal, 80 CRI)				
				Lumens	LPW <sup>1</sup>	B	U	G	Lumens	LPW <sup>1</sup>	B	U	G	Lumens	LPW <sup>1</sup>	B	U	G
SG1-20	2	250mA	21	2449	115	1	0	0	2310	110	1	0	0	2054	95	1	0	0
SG1-30		350mA	29	3332	117	2	0	0	3060	106	1	0	0	2913	100	1	0	0
SG2-50	3	415mA	51	5548	110	2	0	0	5526	109	2	0	0	4700	92	2	0	0
SG2-80		650mA	80	8182	102	2	0	1	8453	108	2	0	1	7334	94	2	0	1

1. 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 and application.

**ELECTRICAL DATA**

**Configurable Versions**

Catalog number	# of Drivers	Input Voltage	Current (Amps)	System Power
SG1-20	1	120	0.18	21.0
		277	0.08	21.0
SG1-30	1	120	0.24	28.9
		277	0.10	28.9
SG2-50	1	120	0.42	50.6
		277	0.18	50.6
SG2-80	1	120	0.68	79.8
		277	0.29	79.8

**PROJECTED LUMEN MAINTENANCE**

Ambient Temp.	OPERATING HOURS					
	0	25,000	50,000	TM-21-11' L96 60,000	100,000	L70 (hours)
25°C / 77°F	1.00	0.98	0.97	0.96	0.95	>791,000
40°C / 104°F	0.99	0.98	0.96	0.96	0.94	>635,000

1. Projected per IESNA TM-21-11 \* (Nichia 219B, 700mA, 85°C Ts, 10,000hrs) Data references the extrapolated performance projections for the LNC-12LU-5K base model in a 40°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.

**LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)**

AMBIENT TEMPERATURE	LUMEN MULTIPLIER	
0° C	32° F	1.02
10° C	50° F	1.01
20° C	68° F	1.00
25° C	77° F	1.00
30° C	86° F	1.00
40° C	104° F	0.99
50° C	122° F	0.96

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

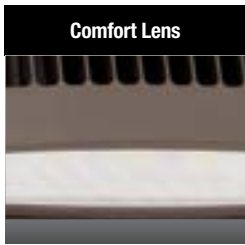


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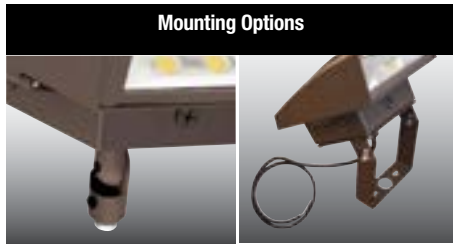
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**OPTIONS AND ACCESSORIES**



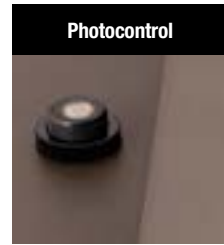
Acrylic comfort lens provides glare control, improved visual comfort and better uniformity



Flood mounting accessories - 3/4" threaded knuckle or yoke (includes grommet and 3' SO cord)



Visor accessory included with mounting accessory kits



Photocontrol option available for energy-saving dusk-to-dawn operation



Side hinged for easy installation and wiring access, single screw secures housing closure

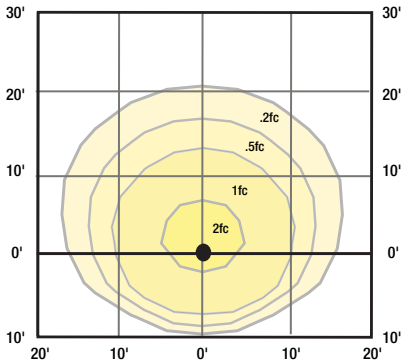
Catalog Number	Description	Weight lbs. (kg)
<b>SG1-CS</b>	Acrylic comfort lens for SG1	1 (.45)
<b>SG2-CS</b>	Acrylic comfort lens for SG2	1 (.45)
<b>SG1-YOKE</b>	SG1 Series Yoke/Floodlight mount kit, includes visor	2.0 (1.0)
<b>SG1-KNUCKLE</b>	SG1 Series Knuckle/Floodlight mount kit, includes visor	2.0 (1.0)
<b>SG2-YOKE</b>	SG2 Series Yoke/Floodlight mount kit, includes visor	2.0 (1.0)
<b>SG2-KNUCKLE</b>	SG2 Series Knuckle/Floodlight mount kit, includes visor	2.0 (1.0)
<b>SCP-REMOTE*</b>	Remote control for SCP option. Order at least one per project to program and control fixtures	1 (.45)

\*Must order minimum of one remote control to program dimming settings, 0-10V fully adjustable dimming with automatic daylight calibration and different time delay settings, 120V or 277V only



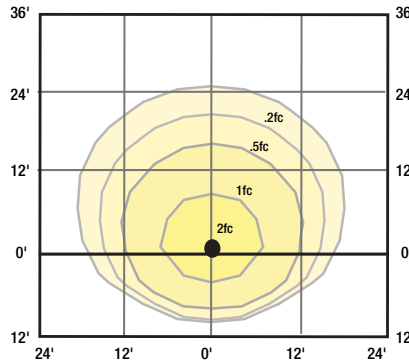
SiteSync™ Lighting Control delivers flexible control strategies for reducing power consumption and minimizing maintenance costs while delivering the right light levels with a simple and affordable wireless solution.

**PHOTOMETRICS**



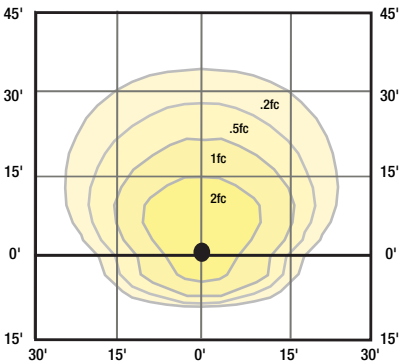
**SG1-20**

Mounting Height 10ft



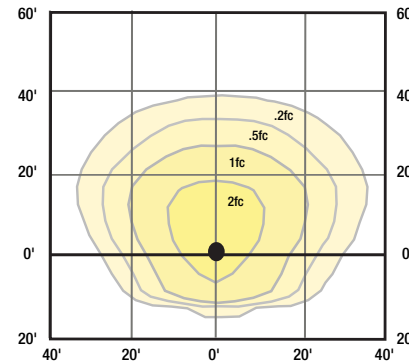
**SG1-30**

Mounting Height 12ft



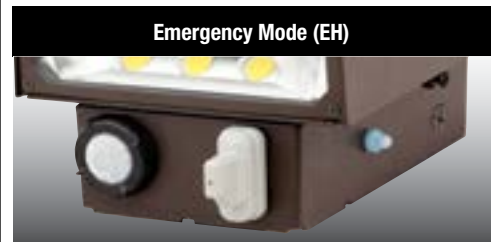
**SG2-50**

Mounting Height 15ft



**SG2-80**

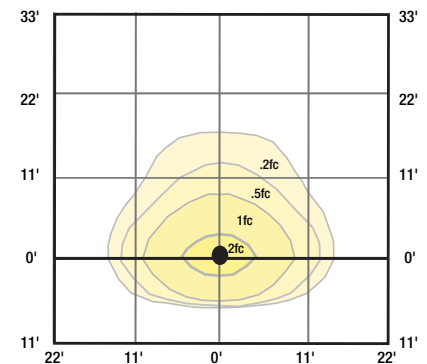
Mounting Height 20ft



Battery back up feature with side indicator.

Exceeds Life Safety Code average illuminance of 1.0 fc. at 12ft mounting height. Assumes open space with no obstructions.

Diagrams for illustration purposes only, please consult factory for application layout.



**SG2 in E or EH Emergency mode**

Mounting Height 11ft



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