

# SEDONA SERIES

SURFACE/CEILING/GARAGE

**NEW**

Cat.#

Job

Type



**HUBBELL**  
Outdoor Lighting

Approvals

## SPECIFICATIONS

### Intended Use:

Ceiling applications from eight to eighteen feet for surface, box or pendant mount. Applications include parking garage, walkway or building canopies, corridors, tunnels, large stairwells and other interior applications with ambient 40°C. A wide range of lumen packages and optical distributions are available making the SCP Series luminaire both versatile and functional.

### Construction:

- Vertically finned cast aluminum housing for maximum heat dissipation ensuring long component life and luminaire performance
- Separate hinged optical and electrical compartments for optimum component operation and easy installation, maintenance; Three HubbellGard® screws allow positive seal of the two housings to a silicone gasket
- One piece molded silicone gasket ensures weather proof seal around each individual LED; Stamped bezel provides mechanical compression to seal the optical assembly
- IP-65 luminaire rating
- Vandal resistant polycarbonate shield accessory available

### Optics/Electrical

#### LED:

Three lighting distributions are standard: Type V square, Type V rectangle and Type IV forward throw. Each LED has individual optical grade PMMA acrylic lens to ensure repeatable photometrics and enhanced performance. The SCP's hexagonal honeycomb LED cluster design provides optical flexibility and light level scalability from a compact luminaire. The design's overlapping redundant patterns of light ensure consistent light level uniformity regardless of the unit being in a dimmed mode or number of LEDs illuminated

- CCT: 4200K or 5100K

- Lumens packages ranging from 3,700 – 8,600 from 18-36 LEDs
- 10KVA surge suppressor is standard to protect the electrical package from transient voltage spikes
- Thermal compensation management
- Wattage: 43 - 86
- Lumens per watt: >92-100
- Designed for 40° C ambient temperatures
- Minimum operating temperature is -30°C/-22°F

### Controls:

Drivers are 0-10V dimming standard. Occupancy, photocell, and wiHUBB wireless controls available for complete on/off and dimming operation.

### Installation:

The top housing of Sedona allows mounting directly to the ceiling to standard junction boxes or by ¾" pendant stems, making the fixture adaptable for virtually any application. Each mounting can be accomplished while maintaining a watertight seal. Four ½" conduit hubs allow side access as required. A pattern indicator on the inside of the housing allows the installer to properly orient the fixture without energizing the light engines.

The light engine housing contains hook and hinge pin to the upper housing allowing hands free installation.

### Listings:

Listed to UL 1598 for use in wet locations, 40° C ambient environments; Meets DesignLights Consortium (DLC) qualifications; IP-65

### Warranty:

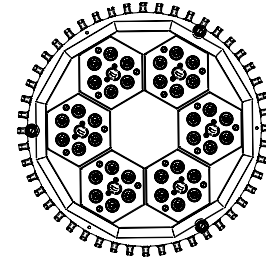
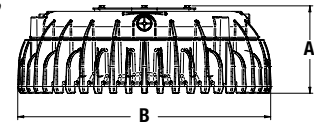
Five year limited warranty (for more information visit: <http://www.hubbelloutdoor.com/resources/warranty/>)

## PRODUCT IMAGE(S)



Shown with wiHUBB

## DIMENSIONS



A	B	Weight:
4.85"	14.00"	16 lbs
(123.19 mm)	(355.6 mm)	7.27 kg

## CERTIFICATIONS/LISTINGS



## ORDERING INFORMATION

ORDERING EXAMPLE: SCP-36LU-5K-5M-GR-PC1



SERIES	NUMBER OF LEDs	VOLTAGE	CCT	IES DISTRIBUTION	FINISH	OPTIONS
SCP Sedona surface/ceiling/garage luminaire	18L 18 LEDs, 43w input 24L 24 LEDs, 57w input 36L 36 LEDs, 86w input	U 120-277V 1 120V 2 208V 3 240V 4 277V 5 480V F 347V	4K 4200K nominal, 67 CRI 5K 5100K nominal, 70 CRI	5M Type V Square 5R Type V Rectangle 4 Type IV	DB Bronze BL Black WH White PS Platinum Silver GR Gray	PC(X) <sup>1</sup> Button photocontrol, replace X with voltage, specify 1-120V, 2-208V, 3-240V, 4-277V, 6-347V WIH <sup>1</sup> In fixture wireless control, consult factory F(X) <sup>1</sup> Fusing 1-120V, 2-208V, 3-240V, 4-277V, 6-347V

### ACCESSORIES - Order separately

Catalog Number	Description
SCP-SPC	Vandal shield
SCP-BS-XX <sup>2</sup>	Bird shield
SCP-CS	Frosted comfort shield, improved uniformity and reduced LED brightness

### MOTION CONTROL OPTIONS

- SCO<sup>1</sup> On/Off control - No light output when no motion detected
- SCP<sup>1</sup> High/low control - user programmable settings; Factory default is 50%

See page 3 for Accessories. <sup>2</sup>XX = Color Options: DB, BL, WH, PS and GR

<sup>1</sup>Consult factory when combining control options



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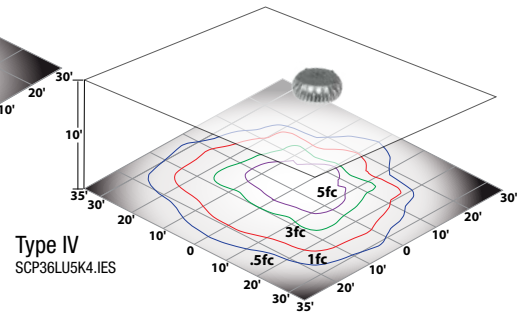
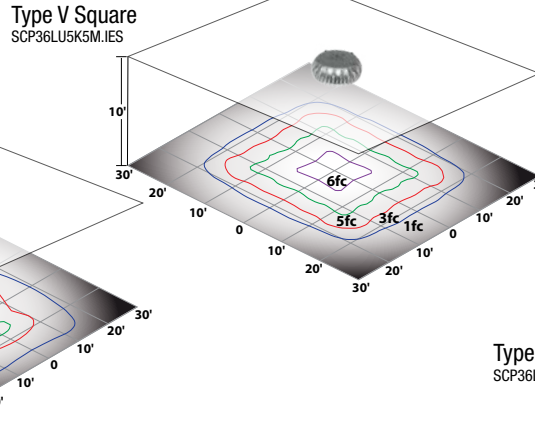
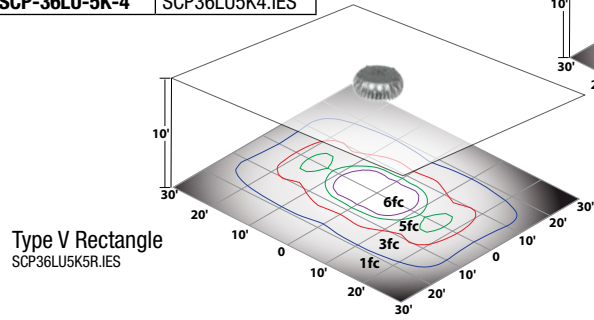
Due to our continued efforts to improve our products, product specifications are subject to change without notice.

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SEDONA-SPEC 9/13

**PHOTOMETRICS**

Catalog Number	IES Report
SCP-36LU-5K-5M	SCP36LU5K5M.IES
SCP-36LU-5K-5R	SCP36LU5K5R.IES
SCP-36LU-5K-4	SCP36LU5K4.IES



**PERFORMANCE DATA**

# LED'S	DRIVE CURRENT (MILLIAMPS)	SYSTEM WATTS	DISTRIBUTION TYPE	5K (5100K nominal, 67 CRI)					4K (4200K nominal, 70 CRI)				
				LUMENS	LPW <sup>1</sup>	B	U	G	LUMENS	LPW <sup>1</sup>	B	U	G
18	STD. (700 MA)	43W	4	4001	93	1	0	2	3834	89	1	0	1
			5M	4102	95				3835	89			
			5R	4298	100				4020	93			
24		57W	4	5360	94	1	0	2	4986	87	1	0	2
			5M	5485	96	2	0	1	5012	88	2	0	1
			5R	5800	102	3	0	3	5375	94			
36	86W	4	7966	93	1	0	2	7522	87	1	0	2	
		5M	8203	95	3	0	1	7439	87	3	0	1	
		5R	8604	100	3	0	3	8030	93				

<sup>1</sup>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.

**PROJECTED LUMEN MAINTENANCE**

AMBIENT TEMP.	0	25,000	50,000	TM-21-11 60,000	100,000	Calculated L70 (HOURS)
10°C / 50°F	1.01	1.00	0.99	0.99	0.97	>1,085,000
25°C / 77°F	1.00	0.99	0.98	0.98	0.96	>1,085,000
40°C / 104°F	0.99	0.98	0.96	0.96	0.94	>706,000

<sup>1</sup> Projected per IESNA TM-21-11  
Data references the extrapolated performance projections for the SCP-36LU-5K base model in a 40°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.

**ELECTRICAL DATA**

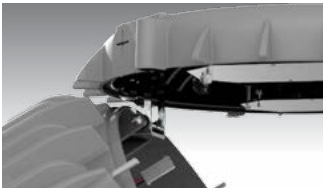
# OF LEDS	NUMBER OF DRIVERS	DRIVE CURRENT (mA)	INPUT VOLTAGE (V)	SYSTEM POWER (w)	CURRENT (Amps)
18	1	STD. (700mA)	120	43	0.36
			277	45	0.20
			347	43	0.13
			480	43	0.11
			120	57	0.48
24	2	STD. (700mA)	277	59	0.24
			347	56	0.17
			480	57	0.13
			120	86	0.73
			277	89	0.35
36	3	STD. (700mA)	347	84	0.25
			480	85	0.20

**LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)**

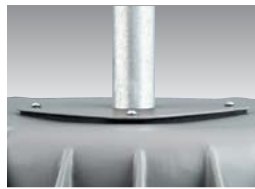
AMBIENT TEMPERATURE	LUMEN MULTIPLIER	
0° C	32° F	1.02
10° C	50° F	1.01
20° C	68° F	1.00
25° C	77° F	1.00
30° C	86° F	1.00
40° C	104° F	0.99
50° C	122° F	0.98

Use these factors to determine relative lumen output for average ambient temperatures from 0-50°C (32-122°F).

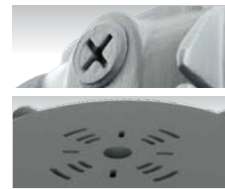
## MOUNTING OPTIONS & ACCESSORIES



Specially designed internal hook and hinge allows hands free installation and easy access to wiring and internal components



Pendant mount with 3/4" wiring hub; Bird shield accessory available; J-Box mounting slots and wire way accommodate 3 1/2" and 4" J-Box designs



Direct ceiling mount with top hardware slots and four - 1/2" wiring hubs for surface conduit wiring and photocell option



SCP-BS - Bird shield accessory for pendant mount applications. Fits over 3/4" pendant with rotatable mounting utilizing one of four hubs.



SCP-CS - Frosted comfort shield, improved uniformity and reduced LED brightness

## LIGHTING FACTS

Hubbell Outdoor Lighting

**LED lighting facts**  
A Program of the U.S. DOE

Light Output (Lumens)	3834
Watts	43.2
Lumens per Watt (Efficacy)	88

Color Accuracy  
Color Rendering Index (CRI) 73

Light Color  
Correlated Color Temperature (CCT) 3829 (Bright White)

Warranty\*\* Yes

All results, except LED Lumen Maintenance, are according to IESNA LM-79-2008 Approved Method for the Electrical and Photometric Testing of Solid State Lighting. The U.S. Department of Energy (DOE) certifies product test data and results.

\*\* See [www.lightingfacts.com/products](http://www.lightingfacts.com/products) for details.

Registration Number: A236-PCAYTW (10/10/2012)  
Model Number: SCP-14LJ-4K-4  
Type: Parking garage fixture

Hubbell Outdoor Lighting

**LED lighting facts**  
A Program of the U.S. DOE

Light Output (Lumens)	7522
Watts	85.86
Lumens per Watt (Efficacy)	87

Color Accuracy  
Color Rendering Index (CRI) 74

Light Color  
Correlated Color Temperature (CCT) 3884 (Bright White)

Warranty\*\* Yes

All results, except LED Lumen Maintenance, are according to IESNA LM-79-2008 Approved Method for the Electrical and Photometric Testing of Solid State Lighting. The U.S. Department of Energy (DOE) certifies product test data and results.

\*\* See [www.lightingfacts.com/products](http://www.lightingfacts.com/products) for details.

Registration Number: A236-220688 (11/12/2012)  
Model Number: SCP-24LJ-4K-4  
Type: Parking garage fixture

Hubbell Outdoor Lighting

**LED lighting facts**  
A Program of the U.S. DOE

Light Output (Lumens)	4986
Watts	57.26
Lumens per Watt (Efficacy)	87

Color Accuracy  
Color Rendering Index (CRI) 74

Light Color  
Correlated Color Temperature (CCT) 3880 (Bright White)

Warranty\*\* Yes

All results, except LED Lumen Maintenance, are according to IESNA LM-79-2008 Approved Method for the Electrical and Photometric Testing of Solid State Lighting. The U.S. Department of Energy (DOE) certifies product test data and results.

\*\* See [www.lightingfacts.com/products](http://www.lightingfacts.com/products) for details.

Registration Number: A236-4396, 19K (11/12/2012)  
Model Number: SCP-24LJ-4K-4  
Type: Parking garage fixture