

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:

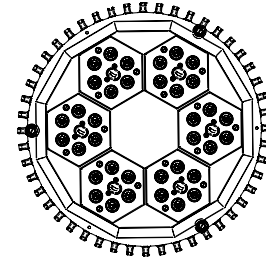
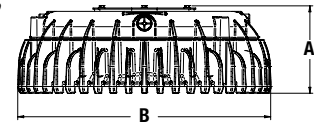
Five year limited warranty (for more information visit: <http://www.hubbelloutdoor.com/resources/warranty/>)

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) ¹ Button photocontrol, replace X with voltage, specify 1-120V, 2-208V, 3-240V, 4-277V, 6-347V WIH ¹ In fixture wireless control, consult factory F(X) ¹ Fusing 1-120V, 2-208V, 3-240V, 4-277V, 6-347V

ACCESSORIES - Order separately

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

MOTION CONTROL OPTIONS

- SCO¹ On/Off control - No light output when no motion detected
- SCP¹ High/low control - user programmable settings; Factory default is 50%

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

¹Consult factory when combining control options



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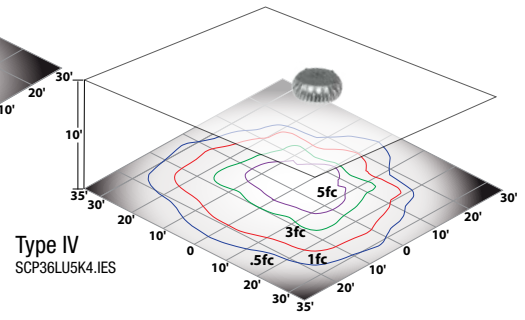
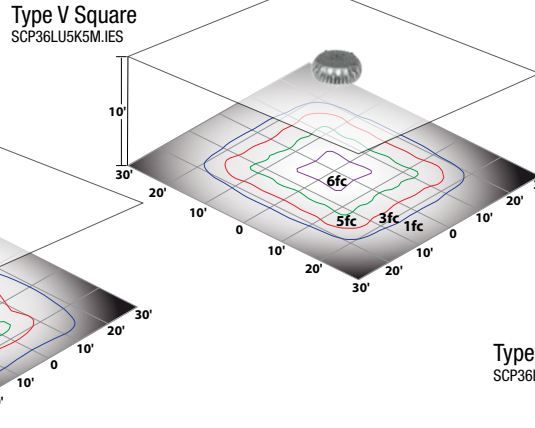
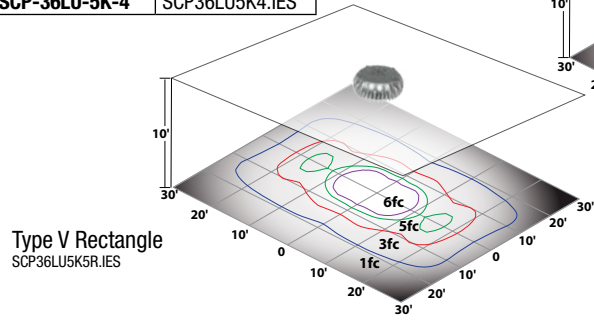
Due to our continued efforts to improve our products, product specifications are subject to change without notice.

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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 ¹	B	U	G	LUMENS	LPW ¹	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			

¹Lumen 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

¹ 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

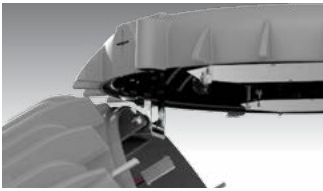
# OF LEDS	NUMBER OF DRIVERS	DRIVE CURRENT (mA)	INPUT VOLTAGE (V)	SYSTEM POWER (w)	CURRENT (Amps)
18	1	STD. (700mA)	120	43	0.36
			277	45	0.20
			347	43	0.13
			480	43	0.11
			120	57	0.48
24	2		277	59	0.24
			347	56	0.17
			480	57	0.13
			120	86	0.73
			277	89	0.35
36	3		347	84	0.25
			480	85	0.20

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 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 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 for details.

Registration Number: A236-4396, 10K (11/12/2012)
Model Number: SCP-24LJ-4K-4
Type: Parking garage fixture

Type:
Job:
Catalog number:

Approvals:

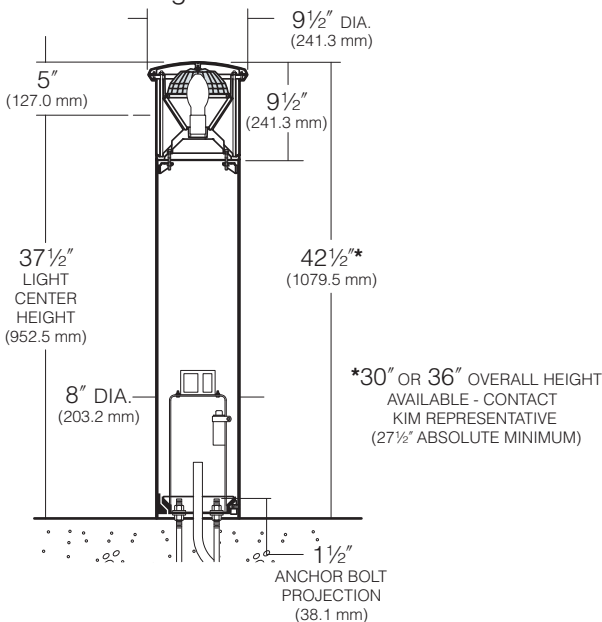
GEM1	/	/	/
Fixture	Electrical Module	Top Cap Finish (Includes top cap and shaft)	Options
See page 2		See page 3	

Date:
Page: 1 of 3

Specifications

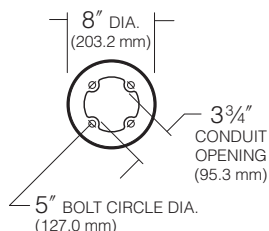
GEM™ Models
 70 to 100 watt HID
 Medium Base Lamps
 32 watt Compact Fluorescent
 18, 27 or 36 LED

GEM1
 Maximum weight: 28 lb



HID drawing shown above

BASE PLAN GEM ALUMINUM SHAFT



U.S. PATENT D443,094

Top Cap: Die-cast, low copper (< 0.6% Cu) aluminum secured to rib body by captive stainless steel allen cap screws. For lamp access, allen screws shall not require complete removal.

Supports: Die-cast, low copper (< 0.6% Cu) aluminum supports secured in place as a complete cage assembly. The top section provides a cutoff lamp compartment. The supports are secured to the shaft by four stainless steel tie rods.

Reflector: Thermally tempered soda lime glass sealed with silicone gaskets top and bottom.

Socket: Porcelain medium base socket rated 4KV for HID Plastic socket for Fluorescent.

Shaft: One-piece aluminum extrusion, .125" minimum wall thickness with a heavy cast aluminum anchor base concealed within the shaft. Hex socket stainless steel set screws shall lock the shaft onto the cast frangible anchor base.

Ballast: Factory mounted to rigid harness attached to the anchor base. Wiring shall be supplied from the socket for field connection to the prewired ballast components. **HID:** High power factor with starting temperatures of -20°F. for PMH and -40°F. for HPS lamp modes. **26W, 32W Fluorescent:** High power factor with starting temperature of 0°F.

LED Optical System: A total of 9 LED emitters configured in a rectangular array comprised together as a module. Two (2) modules for 18 LED version; three (3) modules for 27 LED version; and four (4) modules for 36 LED version. Available in 4000K and 5000K.

LED Driver: Rated for 18, 27 or 36 LED. Universal voltage from 120 to 277V with a ±10% tolerance. -40°F. starting temperature. All drivers are Underwriters Laboratories recognized.

Anchor Bolts: Four 3/8" x 10" + 2" zinc plated J-bolts, each with two nuts, washers and a rigid pressed board template.

Finish: Super TGIC thermoset polyester powder coat paint, 2.5 mil nominal thickness, applied over a titanated zirconium conversion coating; 2500 hour salt spray test endurance rating. Standard colors are Black, Dark Bronze, Light Gray, Platinum Silver, or White. Custom colors are available.

CAUTION: Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

Listings and Ratings

ETL ¹ to UL Standards 1598 & 8750	IP 46 Rated	CE	25C Ambient
CO = Cut Off ²			

¹Suitable for wet locations.

²Dark Sky Legislation Compliant

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Type:

Job:

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Standard Features

Fixture

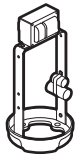
Cat. No. **GEM1** Fixture with Aluminum Shaft

Electrical Module

PMH = Pulse Start
Metal Halide
HPS = High Pressure
Sodium
PL = Compact Fluorescent
LED = Light Emitting
Diode




Lamp Lamp Line
Watts Type Volts
70 PMH 277

For PMH, HPS and PL.
See footnote 2 below for LED



NOTE: For lamp/ballast information outside of the U.S.A. and Canada, please consult your local Kim representative.

Cat. Nos. for Electrical Modules available:

	Pulse Start Metal Halide		
	Electrical Module:	Electrical Module:	
	<input type="checkbox"/> 70PMH120	<input type="checkbox"/> 100PMH120	
	<input type="checkbox"/> 70PMH208	<input type="checkbox"/> 100PMH208	
	<input type="checkbox"/> 70PMH240	<input type="checkbox"/> 100PMH240	
	<input type="checkbox"/> 70PMH277	<input type="checkbox"/> 100PMH277	
	<input type="checkbox"/> 70PMH347	<input type="checkbox"/> 100PMH347	
Amperes	.75, .43, .38, .33, .26 ¹	1.1, .62, .54, .47, .38 ¹	
System Watts	90	129	
Lamp	E-17, Clear	E-17, Clear	
Socket	Medium Base	Medium Base	
ANSI Ballast	M-98	M-90	
	High Pressure Sodium		Compact Fluorescent
	Electrical Module:	Electrical Module:	Electrical Module:
	<input type="checkbox"/> 70HPS120	<input type="checkbox"/> 100HPS120	<input type="checkbox"/> 32PL³
	<input type="checkbox"/> 70HPS208	<input type="checkbox"/> 100HPS208	
	<input type="checkbox"/> 70HPS240	<input type="checkbox"/> 100HPS240	
	<input type="checkbox"/> 70HPS277	<input type="checkbox"/> 100HPS277	
	<input type="checkbox"/> 70HPS347	<input type="checkbox"/> 100HPS347	
Amperes	.76, .44, .38, .33, .26 ¹	1.1, .63, .54, .47, .38 ¹	.32, .18, .16, .14 ²
System Watts	91	130	38
Lamp	ED-17, Clear	ED-17, Clear	Compact Fluor.
Socket	Medium Base	Medium Base	GX24q-3
ANSI Ballast	S-62	S-54	N/A
	LED		Electrical Module:
	Electrical Module:	Electrical Module:	Electrical Module:
	<input type="checkbox"/> 18L4KUV⁴	<input type="checkbox"/> 27L4KUV⁴	<input type="checkbox"/> 36L4KUV⁴
	<input type="checkbox"/> 18L5KUV⁴	<input type="checkbox"/> 27L5KUV⁴	<input type="checkbox"/> 36L5KUV⁴
	 IES Type 1	 IES Type 3	 IES Type 5
Amperes	.16, .09, .08, .07 ²	.24, .14, .12, .11 ²	.32, .19, .16, .14 ²
System Watts	19.6	29.1	38.7
Lamp	LED	LED	LED

¹ Amperes for 120V, 208V, 240V 277V and 347V respectively.

² Amperes for 120V, 208V, 240V and 277V respectively.

³ **32PL** operates one 26, or 32 watt lamp at 120 thru 277 volts (50-60 Hz).

NOTE: Clear lamps are recommended.


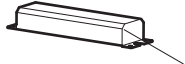
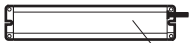
⁴ For LED, 18L = 18 LED Emitters; 27L = 27 LED Emitters; 36L = 36 LED Emitters; 4K = 4000K color temperature; 5K = 5000K color temperature; UV = Universal Voltage from 120 to 277V with a ± 10% tolerance.

Type:

Job:



Standard and Optional Features

<p>Finish Super TGIC thermoset polyester powder coat paint over a titanated zirconium conversion coating on fixture and shaft.</p>	<p>Top Cap Color: Black Dark Bronze Light Gray Platinum Silver White Custom Color¹ Cat. No.: <input type="checkbox"/> BL <input type="checkbox"/> DB <input type="checkbox"/> LG <input type="checkbox"/> PS <input type="checkbox"/> WH <input type="checkbox"/> CC</p> <p>¹Custom colors subject to additional charges, minimum quantities and extended lead times. Consult representative. Custom color description: _____</p> <p>Aluminum Riser (Shaft) Aluminum Riser shaft is finished to match fixture with super TGIC thermoset polyester powder coat paint over a titanated zirconium conversion coating.</p>						
<p>Houseside Shield Cat. No. <input type="checkbox"/> HS <input type="checkbox"/> No Option</p>	<p>90° houseside shield. .032" thick aluminum, painted to match fixture.</p> 						
<p>Emergency Battery Back-up² Cat. No. <input type="checkbox"/> EM <input type="checkbox"/> No Option compact fluorescent only.</p>	<p>Internal battery pack provides 90 minutes of supplemental light at 23% of initial lamp lumens for 26, or 32 watt compact fluorescent lamps.</p> <p>²Only available for 120 or 277V.</p>  <p>Battery Back-up</p>						
<p>Cold-Pack Emergency Battery Pack³ Cat. No. <input type="checkbox"/> EM-CP <input type="checkbox"/> No Option</p>	<p>The EM-CP option is a temperature controlled ballast designed to maintain operation without interruption within a range of hi/low ambient temperatures, -20°C to +55°C.</p> <p>Internal Cold-Pack emergency battery pack provides up to 90 minutes of supplemental light. See following table for max. lumens output by lamps.</p> <table border="1" data-bbox="500 1459 922 1564"> <thead> <tr> <th><u>Lamp (4-Pin)</u></th> <th><u>1 lamp lumens</u></th> </tr> </thead> <tbody> <tr> <td>32W</td> <td>575</td> </tr> <tr> <td>26W</td> <td>450</td> </tr> </tbody> </table> <p>³Only available for 120 or 277V.</p>  <p>cold-pack battery back-up</p>	<u>Lamp (4-Pin)</u>	<u>1 lamp lumens</u>	32W	575	26W	450
<u>Lamp (4-Pin)</u>	<u>1 lamp lumens</u>						
32W	575						
26W	450						
<p>Optional Duplex Receptacle Cat. No. <input type="checkbox"/> DR <input type="checkbox"/> DR-GFI <input type="checkbox"/> No Option</p>	<p>Mounted 18" from bottom of shaft, in a cast aluminum box that is internally welded and sealed with a gasketed While-In-Use cover with locking tab. Painted to match bollard.</p> <p>DR weather proof duplex receptacle rated 20A, 125V. DR-GFI weather proof duplex receptacle with ground fault circuit interrupter rated 20A, 125V.</p>						