solid state luminaires

Date:	Approved:
Type:	
Luminaire:	
Project:	

SSC4D Four-Inch Round Seamless Indoor Cylinder

Standard Drivers with Drop Diffusers

(Silver Finish w/ Amber Drop Diffuser Shown Above)

Frosted

Amber

Red

Blue

Made in USA with domestic & globally sourced components

FEATURES

- Multiple finish & drop diffuser color options
- Up to 4000 lumens (4000K)
- No visible seams or fasteners
- Quick twist-lock mounting
- 93 CRI with 2 SDCM

PERFORMANCE

Beam Spread: 15°, 25°, 35°
CCT Options: 2700K, 3000K, 3500K, 4000K
CRI: 93 CRI
Consistency: 2 SDCM (Luminaire to Luminaire)
Lumens: 500 - 4000 lumens (typical)
Lumen Maintenance: L70 > 70,000 hours

PHYSICAL

Mounting: Aircraft cable, cord, slope pendant, surface, wall mounts with twist-lock canopy. Twist-lock canopy mounts to standard Octagon J-Box or through drywall using optional mud ring adapter.
Housing: No visible seams or fasteners, marine grade, corrosion resistant, solid aluminum extrusion, high pressure die-cast aluminum components, colored baffle.
Finish: Six stage chemical iron phosphate conversion pre-treatment. Polyester powder coat finish, 18 µm minimum, 3,000 hour salt spray test (ASTM B117) AAMA 2603 specification.
Warranty: 5-Year limited warranty
Lens: IK07 impact compliant, clear anti-glare tempered glass. Acrylic drop diffuser.
Ingress Protection: Dry or damp locations IP43 rated
Weight: 3-7 lbs (Depending on Length)
Operating Temperature: -22°F to 104°F (-30°C to 40°C)

ELECTRICAL

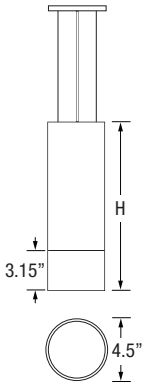
Voltage: Universal 120-277 VAC, 347 VAC optional (10" Height or greater)
Power Supply: Integral Class II, electronic high-power factor >.90, THD < 20%, FCC Title 47 Part 15 Class A.
Power Consumption: Maximum 55W
Dimming: standard: 0-10V Dimming, 1%, **optional:** ET, *Other commercial grade systems can be subject to testing or approval via factory request (equipment by others).
Standards:

- cETLus Listed, CE, NOM, and RoHS Compliant.
- Tested to UL 1598 and UL 8750 standards / UL-Class I / IES LM-79 / LM-80 / FCC Part 15.

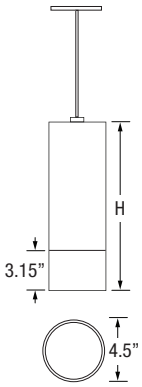
PHYSICAL DIMENSIONS

Luminaire	Height (H)
SSC4-07	(4"+ 3.15") 7.15" Total Height
SSC4-10	(6.75"+ 3.15") 9.9" Total Height
SSC4-13	(10"+ 3.15") 13.15" Total Height
SSC4-17	(14"+ 3.15") 17.15" Total Height
	*Consult factory for any other height options.

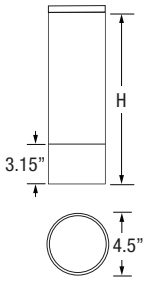
Aircraft Cable (AC)

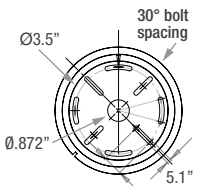


Cord (CM)

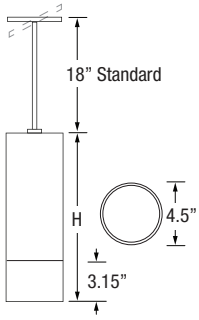


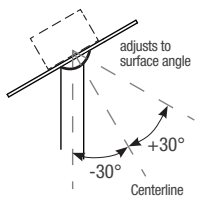
Surface Mount (SF)



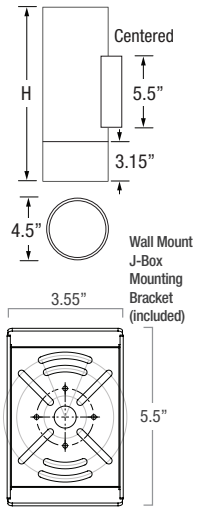


Pendant (SPM)

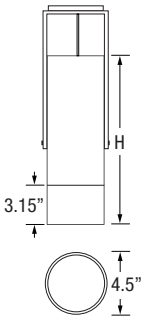




Wall Mount (WM)



Yoke (Y)



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Type:	
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SSC4D Four-Inch Round Seamless Indoor Cylinder

PRODUCT CODE

EXAMPLE: SSC4D-17-SPM18-UNV-930-10L-BKI-15-LD-DDR

MODEL	HEIGHT	MOUNTING	SUSP. LENGTH	VOLTAGE	COLOR	LUMENS	FINISH	OPTIC	DIMMING	OPTIONS
SSC4D	–		–	–	–	–	–	–	–	–

MODEL

SSC4D

HEIGHT

07	(4"+ 3.15") 7.15" Total Height (20L Max)
10	(6.75"+ 3.15") 9.9" Total Height
13	(10"+ 3.15") 13.15" Total Height
17	(14"+ 3.15") 17.15" Total Height

Consult factory for any other height options.

MOUNTING

AC	Aircraft Cable
CM	Cord Mount
SF*	Surface Mount
SPM*	Slope Pendant Mount
WM	Wall Mount
Y	Yoke (13" Max)

**Only SF & SPM for 07 Height*

AC/CM/SPM SUSPENSION LENGTH

Specify the optional suspension length in inches. (Top of luminaire to ceiling) (AC & CM 4"-120" Max, Field Adjustable) (SPM 18" Standard, 6"-120" Max; 61"-120" w/LD & ET Only and stem comes in 2 sections) SPM + 07 Height (18" MAX).
Consult factory & price guide for other lengths.

VOLTAGE

UNV	Universal 120 - 277 VAC
347V*	347 VAC (Only SF, SPM, WM Mounts) (0-10V LD Dim Only)

**Minimum 13" Height, 20L - 30L for 15° only, 20L - 35L only for others.*

COLOR

927	(93CRI) 2700K
930	(93CRI) 3000K
935	(93CRI) 3500K
940	(93CRI) 4000K

Other CCT/CRI available upon request.

LUMENS typical

05L	500 lm
10L	1000 lm
15L	1500 lm
20L	2000 lm
25L	2500 lm (Minimum 13" H)
30L	3000 lm (Minimum 13" H)
35L	3500 lm (Minimum 13" H)
40L*	4000 lm (Minimum 13" H)

**40L Minimum 17" H for 15° Only.*

FINISH

BKI	Black
BRI	Bronze
SLI	Silver
WHI	White
CCI	Custom Color

OPTIC typical

15*	Spot (15°)
25	Narrow Flood (25°)
35	Flood (35°)

**Not available on 07 Height.*

DIMMING

LD	0-10V Dimming, 1%
ET	ELV or TRIAC Driver (Max 30L for 15°, Max 35L for others)
TD*	Tri-Dim (0-10V 1%, TRIAC & ELV)(Standard)

**07 Height Only.*

Other commercial grade systems can be subject to testing or approval via factory request (equipment by others).

OPTIONS 1

DDF	Drop Diffuser Frosted
DDR	Drop Diffuser Red
DDA	Drop Diffuser Amber
DDB	Drop Diffuser Blue

OPTIONS 2

CO	Surface Mount Conduit Adapter
MRA	Mud Ring Adapter
BRB	Bronze Baffle Finish (Black finish standard)
SLB	Silver Baffle Finish (Black finish standard)
WHB	White Baffle Finish (Black finish standard)

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SSC4D Four-Inch Round Seamless Indoor Cylinder

LUMENS / WATTAGE nominal

Model	Watts	940
SSC4D	6.4 W	500 lm
15° only	12 W	1000 lm
	17 W	1500 lm
	24 W	2000 lm
	32 W	2500 lm
	38 W	3000 lm
	48 W	3500 lm
	55 W	4000 lm
Others	6.3 W	500 lm
	12 W	1000 lm
	17 W	1500 lm
	23 W	2000 lm
	30 W	2500 lm
	36 W	3000 lm
	42 W	3500 lm
	49 W	4000 lm

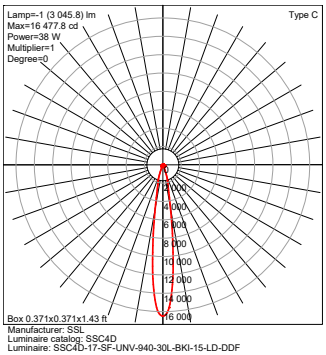
IES Multiplier	
Color	Multiplier
927	0.92
930	0.95
935	0.98
940	1.00

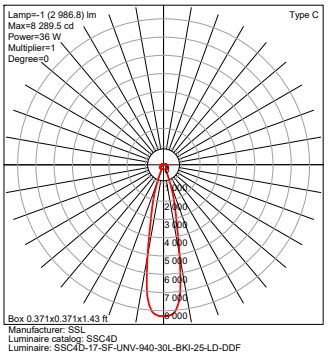
TRIAC & ELV Approved Dimmer List	
Manufacturer	Manufacturer Part Number
Lutron	Glyder GLV-600
	Diva DVLV-600P
	Diva DV-600P
	Diva DVELV-600P(303)
	Maestro MALV-600
	Nova T NT-1000
	Nova T NTELV-600
	Skylark SLV-600P
	RadioRA2-10ND
Leviton	SureSlide 6633
	Illumatech IPE04

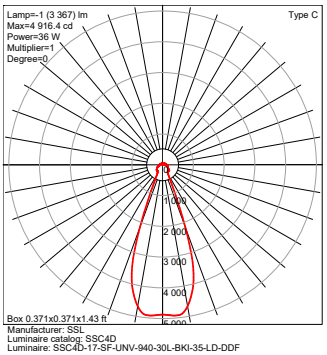
0-10V Approved Dimmer List	
Manufacturer	Manufacturer Part Number
Lutron	Diva DVSTV-XX
	Diva DVSTV-453PH-WH1
Leviton	Illumatech 010-IP710-DLZ

PHOTOMETRICS

(Below photos and graphs are shown with frosted drop diffusers.)







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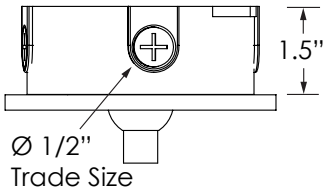
SSC4D Four-Inch Round Seamless Indoor Cylinder

CO Option

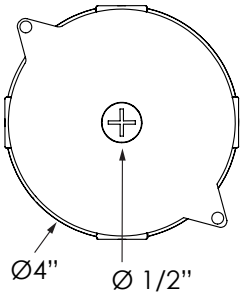
Surface Mount Conduit Adapter

For wall or ceiling installation.
NOT for use in uplight pier mount.

JUNCTION BOX

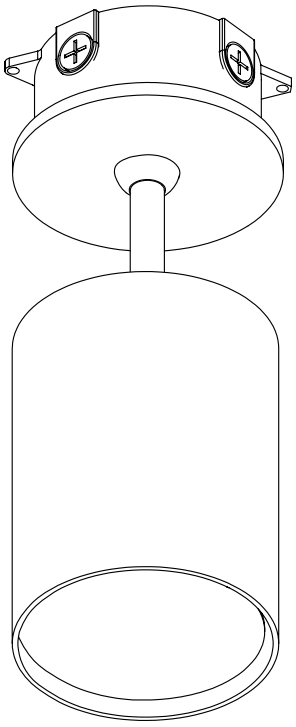


TOP VIEW
JUNCTION BOX
(Hole Center Top)



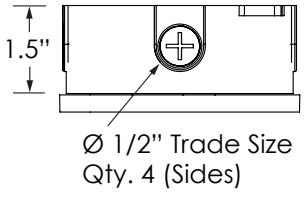
(Threaded holes for 1/2" threaded conduit, with plugs)

SURFACE MOUNT
CONDUIT ADAPTER
(for SPM Cylinders)

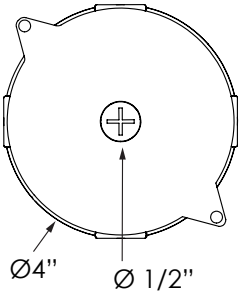


For wall or ceiling installation.
NOT for use in uplight pier mount.

JUNCTION BOX

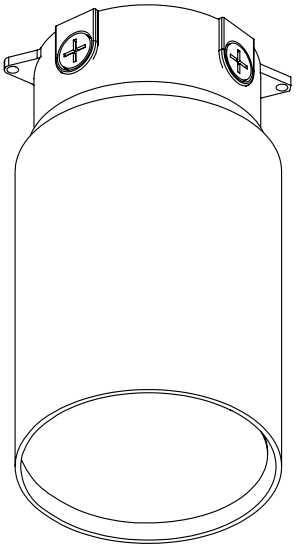


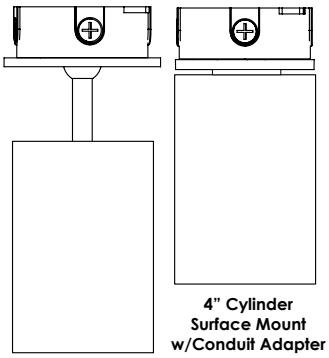
TOP VIEW
JUNCTION BOX
(Hole Center Top)



(Threaded holes for 1/2" threaded conduit, with plugs)

SURFACE MOUNT
CONDUIT ADAPTER
(for AC, CM, SF Cylinders)





4" Cylinder
Slope Pendant
w/Surface Mount
Conduit Adapter

4" Cylinder
Surface Mount
w/Conduit Adapter

Surface Mount Conduit Adapter can be added to any of the AC, CM, SF and SPM Mounts

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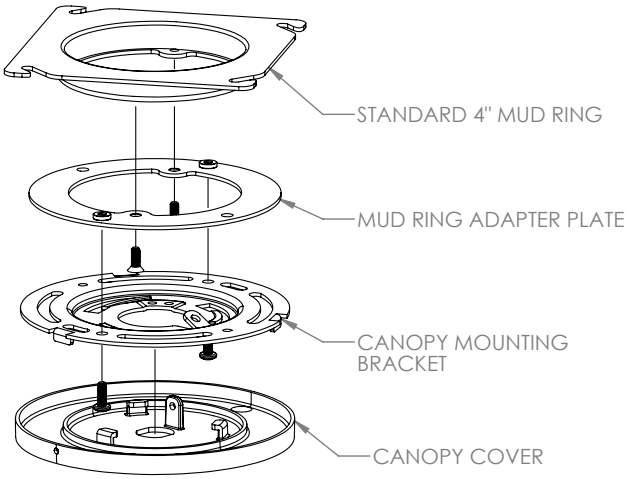
MRA Option

Mud Ring Adapter



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