# SSL
## SOLID STATE LUMINAIRES

# SSC2.5GR Remote Standard or Premium Drivers w/Optional BBUR & Glow Rings

## 2.5" Round seamless indoor cylinders with glow rings

*Frosted*

*Amber*

*Red*

*Blue*

### FEATURES
- Multiple finish & glow ring color options
- Up to 14W Max, Over 100 LPW
- No visible seams or fasteners
- Tool-less field interchangable optics
- Quick twist-lock mounting
- 1.5G Vibration Tested
- 93 CRI with 2 SDCM

### PERFORMANCE
**Beam Spread:** 15° | 20° | 50°
**CCT Options:** 2700K, 3000K, 3500K, 4000K
**CRI:** 93 CRI
**Consistency:** 2 SDCM (Fixture to Fixture)
**Lumens:** 500-1500 lm
**Lifetime:** > 70,000 hours / L70 or better

*(White Finish w/ Red Glow Ring Shown Above)*

Made in USA with domestic & globally sourced components

### PHYSICAL
**Mounting:** Aircraft cable, cord, slope pendant, surface, wall, yoke mounts with twist-lock canopy. Twist-lock canopy mounts to standard Octagon J-Box.
**Ingress Protection:** Dry or damp locations IP43 rated
**Finish:** Six stage chemical iron phosphate conversion pre-treatment. Polyester powder coat finish, 18 μm Min., 3000hr salt spray test (ASTM B117) AAMA 2603 specification .
**Warranty:** 5-Year limited warranty (refer to website for details)
**Housing:** No visible seams or fasteners, marine grade, corrosion resistant, solid aluminum extrusion, high pressure die-cast aluminum components, black baffle.
**Lens:** IK07 impact compliant, acrylic glow ring
**Vibration Resistance:** Compliant with 1.5G ANSI C136.31, Seismic rated AC-156
**Weight:** 2-5 lbs (Depending on Length)
**Operating Temperature:** -22°F to 122°F (-30°C to 50°C)

### ELECTRICAL
**Voltage:** Universal 120–277V AC standard, 347V optional
**Power Supply:** Integral Class II, electronic high-power factor >.90, THD < 20%, FCC Title 47 Part 15 Class A. EldoLED & Lutron optional.
**Power Consumption:** Up to 1500 lm @ 14W
**Dimming:** Standard: 0-10V Dimming, 1% | Optional: XA, XCR, ET, E1, E2, L1, L2 | *Other commercial grade systems can be subject to testing or approval via factory request (equipment by others).
**Certification:** CEC Title 24 - JA8 Compliant
**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

| Fixture | Height (H) |
|---|---|
| SSC2.5-07 | (6.75"+ 0.45") 7.2" Total Height |
| SSC2.5-10 | (10"+ 0.45") 10.45" Total Height |
| SSC2.5-14 | (14"+ 0.45") 14.45" Total Height |
| | *Consult factory for any other height options. |

### Cord (CM)
Ø3.5"
30° bolt spacing
Ø.872"
5.1"
H
0.45"
2.95"

### Surface Mount (SF)
Ø3.5"
30° bolt spacing
Ø.872"
5.1"
H
0.45"
2.95"

### Pendant (SPM)
*adjusts to surface angle*
+30°
-30° Centerline
18" Standard
H
0.45"
2.95"

### Wall Mount (WM)
Centered
4.27"
H
0.45"
2.95"
Wall Mount J-Box Mounting Bracket (included)
4.27"
4.27"

### Yoke (Y)
Ø3.5"
30° bolt spacing
Ø.872"
5.1"
H
0.45"
2.95"

US Commercial Lighting Manufacturer Since 1982

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SO-DH-8921

# SSL
## SOLID STATE LUMINAIRES

| Date: | | Approved: |
|---|---|---|
| Type: | | |
| Fixture: | | |
| Project: | | |

# SSC2.5GR Remote Standard or Premium Drivers w/Optional BBUR & Glow Rings

## PRODUCT CODE

EXAMPLE: SSC2.5GR-14-SPM18-UNV-930-10L-BKI-15-LD-GRR

| MODEL | HEIGHT | MOUNTING | SUSP. LENGTH | VOLTAGE | COLOR | LUMENS | FINISH | OPTIC | DIMMING | OPTIONS | BACKUP |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SSC2.5GR | – | | | – | | – | | – | | | – |

### MODEL
**SSC2.5GR**
LED DRIVER REMOTE (INDOOR)
IP20, IK08, NEMA 1, -20°C to +50°C,
30' MAX Distance with 12AWG

### HEIGHT
**07** (6.75"+ 0.45") 7.2" Total Height
**10** (10"+ 0.45") 10.45" Total Height
**14** (14"+ 0.45") 14.45" Total Height

*Consult factory for any other height options.

### MOUNTING
**CM** Cord Mount
**SF** Surface Mount
**SPM** Slope Pendant Mount
**WM** Wall Mount
**Y** Yoke (8" Max)

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

### VOLTAGE
**UNV** Universal 120-277 Volt AC
**347V** 347 Volt AC (LD 0-10V Only) (SF, SPM, WM Only)

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

### LUMENS
**05L** 500 lm
**10L** 1000 lm
**15L** 1500 lm

### FINISH
**BKI** Black (AAMA 2603)
**BRI** Bronze (AAMA 2603)
**SLI** Silver (AAMA 2603)
**WHI** White (AAMA 2603)
**CCI** Custom Color (AAMA 2603)

### OPTIC nominal
**15** Spot (15°)
**20** Narrow Flood (20°)
**50** Flood (50°)

### DIMMING
**ET** ELV or TRIAC Driver
**LD** 0-10V Dimming, 1% (Standard)
**XA** DMX Dim to 0.1% (SPM and WM Only)
**E1** eldoLED 0-10V, Dim to 0.1%, Dim-to-Off
**E2** eldoLED DALI-2 Dim to 0.1%
**L1** Lutron Hi-Lume 1% Ecosystem (Digital Dimming), Soft-on Fade-to-Black (10L-15L)
**L2** Lutron Hi-Lume 1% 2-Wire (Forward Phase Dimming) (10L-15L)

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

### OPTIONS 1
**GRF** Glow Ring Frosted
**GRR** Glow Ring Red
**GRA** Glow Ring Amber
**GRB** Glow Ring Blue

### OPTIONS 2
**CO** Surface Mount Conduit Adapter

### BACKUP
**BBUR** BATTERY BACK-UP & LED DRIVER REMOTE (IN-DOOR), IP20, IK08, NEMA 1, 0°C to +48°C, 30' MAX Distance with 12AWG (w/UNV Option Only)
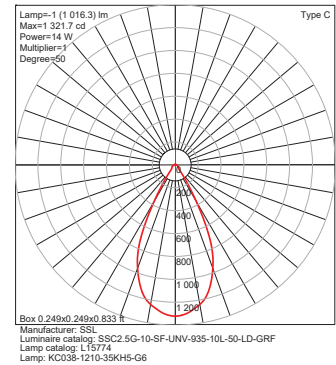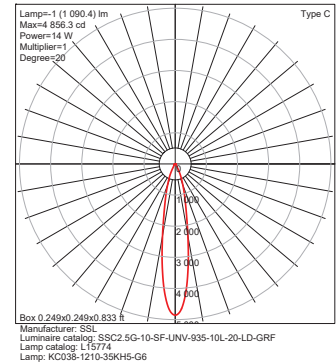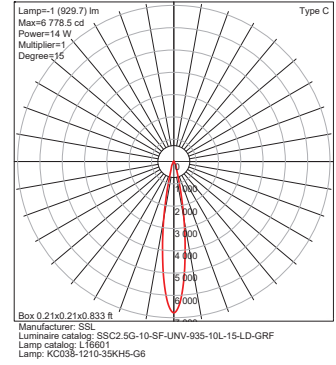**N/A** (Leave blank if No Battery Backup Needed)

### ACCESSORIES *(Order separately.)*
**XCR** Remote mount DMX to 0-10V Converter controls (1) or (2) circuits or fixtures w/0-10V Control Driver (LD, E1)

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# SSC2.5GR Remote Standard or Premium Drivers w/Optional BBUR & Glow Rings

## LUMENS nominal

| Model | Watts | 935 |
|---|---|---|
| SSC2.5GR | 4 W | 500 lm |
| | 8.5 W | 1000 lm |
| | 14 W | 1500 lm |

## PHOTOMETRICS

*(Below photos and graphs are shown with frosted drop diffusers or glow rings.)*

Lamp=-1 (929.7) lm
Max=6 778.5 cd
Power=14 W
Multiplier=1
Degree=15
Type C
Box 0.21x0.21x0.833 ft
Manufacturer: SSL
Luminaire catalog: SSC2.5G-10-SF-UNV-935-10L-15-LD-GRF
Lamp catalog: LI6601
Lamp: KC038-1210-35KH5-G6

Lamp=-1 (1 090.4) lm
Max=4 856.3 cd
Power=14 W
Multiplier=1
Degree=20
Type C
Box 0.249x0.249x0.833 ft
Manufacturer: SSL
Luminaire catalog: SSC2.5G-10-SF-UNV-935-10L-20-LD-GRF
Lamp catalog: LI5774
Lamp: KC038-1210-35KH5-G6

Lamp=-1 (1 016.3) lm
Max=1 321.7 cd
Power=14 W
Multiplier=1
Degree=50
Type C
Box 0.249x0.249x0.833 ft
Manufacturer: SSL
Luminaire catalog: SSC2.5G-10-SF-UNV-935-10L-50-LD-GRF
Lamp catalog: LI5774
Lamp: KC038-1210-35KH5-G6

### IES Multiplier

| Color | Multiplier |
|---|---|
| 927 | 0.95 |
| 930 | 0.98 |
| 935 | 1.00 |
| 940 | 1.01 |

### 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 |

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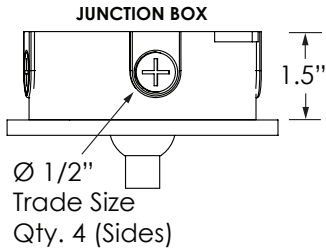
SO-DH-8921

# SSC2.5GR Remote Standard or Premium Drivers w/Optional BBUR & Glow Rings

## CO Option

Glow Ring Frosted

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

**JUNCTION BOX**

1.5"

Ø 1/2"
Trade Size
Qty. 4 (Sides)

**SURFACE MOUNT CONDUIT ADAPTER**
*(for SPM Cylinders)*
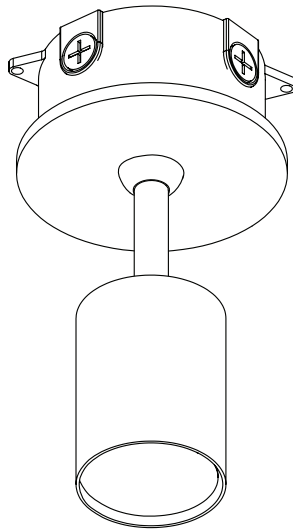
**TOP VIEW JUNCTION BOX**
*(Hole Center Top)*

Ø4"

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

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

**JUNCTION BOX**

1.5"

Ø 1/2" Trade Size
Qty. 4 (Sides)
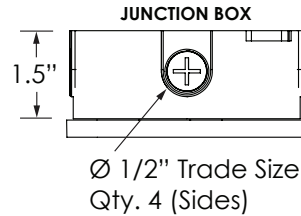
**SURFACE MOUNT CONDUIT ADAPTER**
*(for AC, CM, SF Cylinders)*
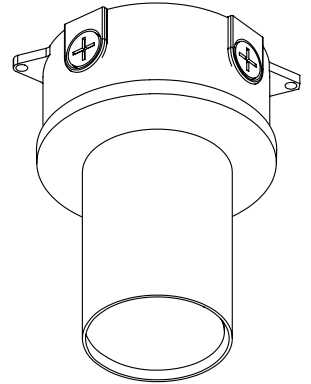
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*(Hole Center Top)*

Ø4"

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(Threaded holes for 1/2"
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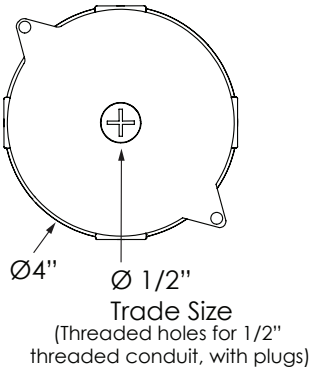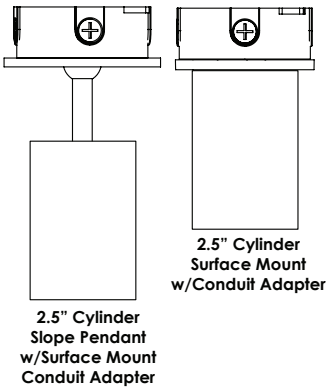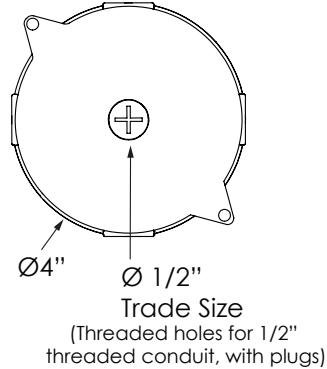
***Surface Mount Conduit Adapter can be added to any of the AC, CM, SF and SPM Mounts***

**2.5" Cylinder Slope Pendant w/Surface Mount Conduit Adapter**

**2.5" Cylinder Surface Mount w/Conduit Adapter**

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# SSC2.5GR Remote Standard or Premium Drivers w/Optional BBUR & Glow Rings

## BATTERY BACK-UPS

**BBUR -** BATTERY BACK-UP & LED DRIVER REMOTE (INDOOR), IP20, IK08, NEMA 1, 0°C to +48°C, 30' MAX Distance with 12AWG (w/UNV Option Only)

**Size 1 Small**
24VDC with EM
40W with EM

**Size 2 Medium**
40W with EM
90W

**Size 3 Large**
90W with EM

10.3"

13"

17.6"

5.2"

6.7"

7"

1.9"

SECTION A-A
SCALE 1 : 6