# SOLO SURFACE

## Interior Ambient LED Luminaire

Solo Surface is a semi-direct interior ambient luminaire featuring a modern aesthetic with an incredibly small profile. Paired with a highend diffuser lens that delivers smooth illumination free of dark spots and pixilation, the Solo is the premier architectural luminaire for today's interior spaces.

| Client: | |
|---|---|
| Order#: | |
| Project: | |
| Type: | |

## FEATURES

### PERFORMANCE
- Delivers up to 100 lm/W at 4000K
- 70% direct/30% indirect distribution
- Accurate interior color rendering with 90+ CRI
- Voltage: 120-277V (Universal) or Power over Ethernet (PoE)
- R9 value of 60+

### PHYSICAL
- Housing: 9/16" x 1.5" extruded T5-6063 Aluminum with a clear anodized finish
- Designed for a remotely-mounted driver with a low-voltage power drop.
- Housing features an internal screw channel for mounting the LED board, 2 internal L channels to slide the lens into the housing, and an external T channel on the top side to slide the mounting hardware.
- For more features see page 2

**USA** Buy American Act Compliant

**5Yr** Warranty (10 optional)

| Model Number | CCT | CRI | Projected Lifetime | Dimming | Operating Temperature | Warranty |
|---|---|---|---|---|---|---|
| Interior Ambient LED Luminaire | 2700K, 3000K, 3500K, 4000K, | 90+ | 245,000 Hours (L80); 104,000 Hours (L90) | 0-10V Dimming Standard | -40°C to +50°C Ambient | 5 year Standard |
| | | | | | | 10 year Optional |

## ORDERING INFORMATION

____**SS**____ / _____ / _____/ _____/ ____**U**_____/ _____/ _____/ _____/ _____/
| SERIES | LENGTH | OUTPUT | CCT | VOLTAGE | FINISH | MOUNTING PROVISIONS | OPTIONS | WARRANTY |

| FIXTURE SERIES | |
|---|---|
| SS | Solo Surface |

| LENGTH | |
|---|---|
| 2 | 2' |
| 3 | 3' |
| 4 | 4' |
| 6 | 6' |
| 8 | 8' |

| OUTPUT | |
|---|---|
| L | 6.4W/ft |
| M | 9.6W/ft |
| H | 12.8W/ft |

| CCT | |
|---|---|
| 27 | 2700K |
| 30 | 3000K |
| 35 | 3500K |
| 40 | 4000K |

| VOLTAGE | |
|---|---|
| U | 120-277V |

| FINISH | |
|---|---|
| W | Matte White (Standard) |
| S | Silver |
| B | Black |
| C | Custom |

| MOUNTING PROVISIONS | |
|---|---|
| HL | Hard Lid/Drywall Ceiling |
| TB | T-Bar Grid Ceiling |
| WL | Drywall Wall Mount |

| OPTIONS | |
|---|---|
| ES1 | Lutron LDE1 Series EcoSystem 1% Dimming with Soft On Fade to Black |
| N | None |

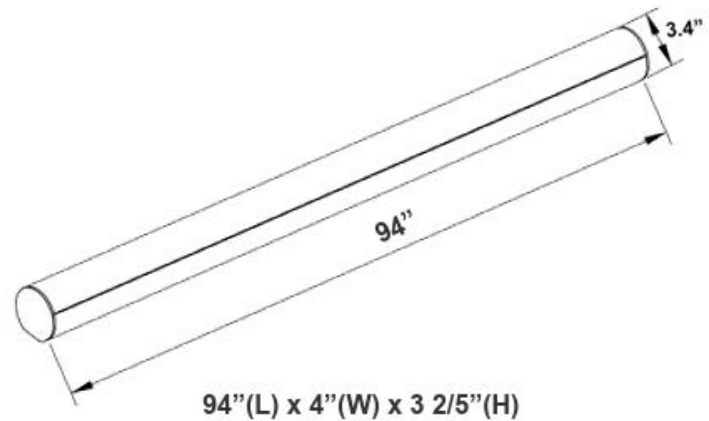| WARRANTY | |
|---|---|
| 5 | 5 Year Warrant |
| 10 | 10 Year Warrant Optional |

[1] ES1 Option only available up to 90W
[2] 5 Year Warranty is Standard unless specified

## Features (continued)
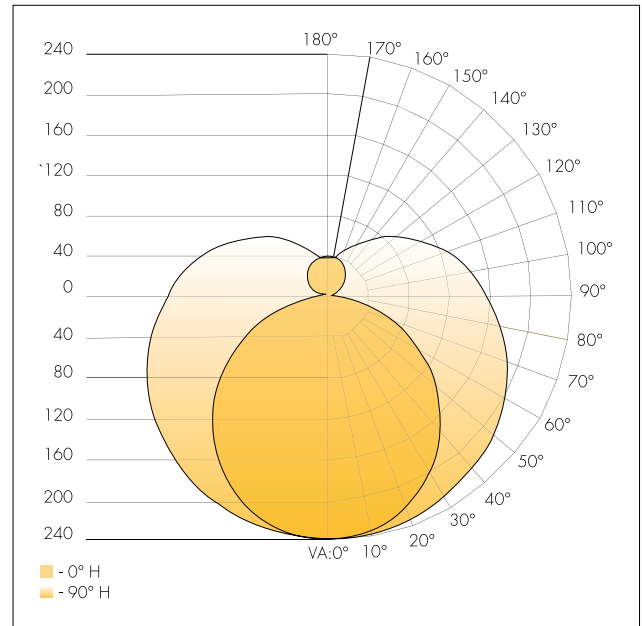
- :: Aluminum Housing With Matte White Finish
  :: Custom Colors Available
  :: Lens Snaps into Housing
  :: Make Different Connections Via L Joints on Both Ends
  :: Mounting Options: Surface, Suspended, Wall
  :: IP Rating: IP54
  :: Operating Temperature
  :: Dimmable: 0~10V Dimming
  :: Total Lumens: 4765M/ 5090LM/ 4967LM/ 5052LM
  :: Color Temperatures: 3000K/3500K/4000K/5000K
  :: Multi-CCT(Selectable Switch Inside Fixture)
  :: Color Rendering Index: CRI ≥ 80
  :: Up Light Option Available
  :: 50,000 Hours Rated Life
  :: 5-Year Warranty

## Dimensions

3.4"

94"

94"(L) x 4"(W) x 3 2/5"(H)

| RCC %: | 80 | | | | 70 | | | | 50 | | | 30 | | | 10 | | | 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RW %: | 70 | 50 | 30 | 0 | 70 | 50 | 30 | 0 | 50 | 30 | 20 | 50 | 30 | 20 | 50 | 30 | 20 | 0 |
| RCR: 0 | 1.12 | 1.12 | 1.12 | 1.12 | 1.06 | 1.06 | 1.06 | .71 | .95 | .95 | .95 | .85 | .85 | .85 | .75 | .75 | .75 | .71 |
| 1 | .99 | .93 | .87 | .82 | .93 | .87 | .83 | .53 | .78 | .74 | .70 | .69 | .66 | .63 | .61 | .58 | .56 | .52 |
| 2 | .88 | .79 | .71 | .64 | .83 | .74 | .67 | .42 | .66 | .60 | .55 | .58 | .54 | .50 | .51 | .48 | .44 | .41 |
| 3 | .80 | .68 | .59 | .52 | .75 | .64 | .56 | .34 | .57 | .50 | .45 | .50 | .45 | .41 | .44 | .40 | .36 | .33 |
| 4 | .73 | .60 | .50 | .43 | .68 | .56 | .48 | .29 | .50 | .43 | .37 | .44 | .39 | .34 | .39 | .34 | .30 | .27 |
| 5 | .66 | .53 | .43 | .36 | .62 | .50 | .41 | .24 | .45 | .37 | .32 | .39 | .34 | .29 | .35 | .30 | .26 | .23 |
| 6 | .61 | .47 | .38 | .31 | .57 | .45 | .36 | .21 | .40 | .33 | .27 | .35 | .29 | .25 | .31 | .26 | .22 | .20 |
| 7 | .56 | .43 | .34 | .27 | .53 | .40 | .32 | .19 | .36 | .29 | .24 | .32 | .26 | .22 | .28 | .23 | .20 | .17 |
| 8 | .52 | .39 | .30 | .24 | .49 | .37 | .29 | .17 | .33 | .26 | .21 | .29 | .24 | .19 | .26 | .21 | .17 | .15 |
| 9 | .49 | .35 | .27 | .21 | .46 | .33 | .26 | .15 | .30 | .23 | .19 | .27 | .21 | .17 | .24 | .19 | .16 | .14 |
| 10 | .46 | .32 | .24 | .19 | .43 | .31 | .23 | .13 | .28 | .21 | .17 | .25 | .19 | .15 | .22 | .18 | .14 | .12 |

### Zonal Lumen Summary

| Zone | Lumens | %Luminaire |
|---|---|---|
| 0-30 | 187.2 | 13.2% |
| 0-40 | 314.9 | 22.3% |
| 0-60 | 608.8 | 43.1% |
| 60-90 | 392.8 | 27.8% |
| 70-100 | 344.7 | 24.4% |
| 90-120 | 251.6 | 17.8% |
| 0-90 | 1,001.6 | 70.9% |
| 90-180 | 412.0 | 29.1% |
| 0-180 | 1,413.6 | 100% |

Model 4ft Low Output 3500K

- 0° H
- 90° H

## Wall Mount

Optionally install the wall mounting bracket on the back of the fixture. The connection cables will enter the fixture through one of these brackets. Please specify the desired wire entry location from the wall on your purchase order



## Hard Lit / Drywall Ceiling / T-Bar Grid Ceiling



Drywall    T-Bar

**DECO**® **| LIGHTING**