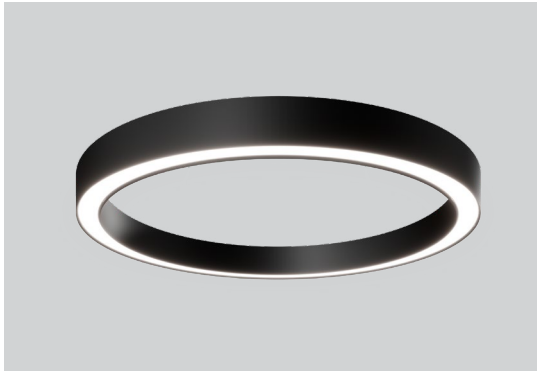


# Sketch 2

## RING SURFACE IP54



Project \_\_\_\_\_

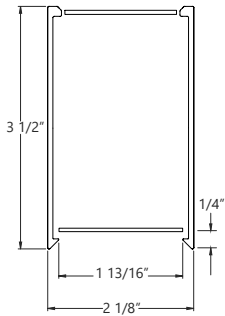
Type \_\_\_\_\_

Notes \_\_\_\_\_

### ● PERFORMANCE PER LINEAR FOOT AT 3500K, 90CRI

|          | NOMINAL<br>LUMEN OUTPUT<br>DIRECT | INPUT WATTS* | EFFICACY |
|----------|-----------------------------------|--------------|----------|
| Sketch 2 | 1100lm/ft                         | 9.85 W/ft    | 112 lm/W |

Please consult factory for other lumen output and wattage.



## Ordering Guide

| SK2SS                                                                        |                                              |                    |              |                                                                                                   |           |                   |
|------------------------------------------------------------------------------|----------------------------------------------|--------------------|--------------|---------------------------------------------------------------------------------------------------|-----------|-------------------|
| PRODUCT ID                                                                   |                                              | PATTERNS AND FORMS |              | CORRESPONDING TOTAL LENGTH                                                                        | LUMENS/FT |                   |
| SK2SS                                                                        | Sketch 2 Ring Surface<br>Sealed - IP54 rated | D(24")             | diameter 24" | AL(6' 3 6/16")                                                                                    | 300       | 300 lm/ft- Low    |
|                                                                              |                                              | D(36")             | diameter 36" | AL(9' 5 2/16")                                                                                    | 1100      | 1100 lm/ft - High |
|                                                                              |                                              | D(48")             | diameter 48" | AL(13' 6 13/16")                                                                                  |           |                   |
|                                                                              |                                              | D(60")             | diameter 60" | AL(16' 8 8/16")                                                                                   |           |                   |
|                                                                              |                                              | D(72")             | diameter 72" | AL(19' 10 3/16")                                                                                  |           |                   |
|                                                                              |                                              | D(84")             | diameter 84" | AL(22' 11 14/16")                                                                                 |           |                   |
|                                                                              |                                              | D(96")             | diameter 96" | AL(25' 1 9/16")                                                                                   |           |                   |
| See above for available diameter options. See page 2 for ordering examples.. |                                              |                    |              | Outputs between listed are available.<br>Consult factory for outputs outside of the listed range. |           |                   |

| CRI                                                   | COLOUR TEMP.                                                             | SHIELDING                                        | FINISH           | VOLTAGE                                               | DRIVER                                                                                                                                                                                         |
|-------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------|------------------|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 90                                                    | high efficacy 90 CRI                                                     | 27 2700 K<br>35 3500 K<br>30 3000 K<br>40 4000 K | SO spotless lens | AP aluminum paint<br>W white<br>BLK black<br>C custom | 120 120V<br>277 277V<br>347 347V*<br>UNV universal<br>DC low voltage*                                                                                                                          |
|                                                       | TW2750 2700-5000 K - Tunable White<br>TW2765 2700-6500 K - Tunable White |                                                  |                  |                                                       | DP dimming (0-10V) 1% - integral<br>DALI2 driver DALI 2.0 Type 6 - integral<br>LT(#) Lutron - remote*<br>O(#) other - remote**<br>TW(#) tunable white drivers*<br>POE(#) POE drivers - remote* |
| * Remote only.<br>** Only available with POE drivers. |                                                                          |                                                  |                  |                                                       | * Specify system; see page 3.<br>**Please consult factory; see page 3                                                                                                                          |

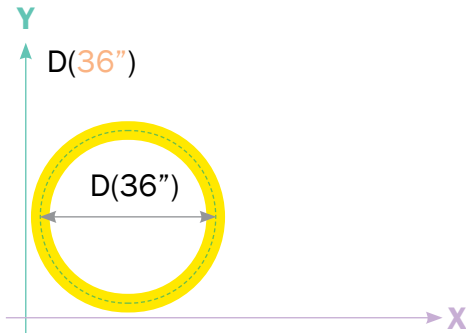
| CIRCUITS                                                                                           | MOUNTING                                              | REMOTE BATTERY (OPT.)     | CUSTOM (OPT.)  |
|----------------------------------------------------------------------------------------------------|-------------------------------------------------------|---------------------------|----------------|
| 1 1 circuit<br>2 2 circuits<br>+E(#) emergency circuit *<br>+GTD(#) generator transfer device * ** | S surface drywall ceiling<br>SC surface solid ceiling | BR(#) battery pack remote | C custom       |
| * Specify quantity.<br>** Remote only.                                                             | Specify quantity                                      |                           | Please specify |

## How to Specify Standard Rings

**Note:** The center line indicates the diameter at the center of the curve. Regardless to the mounting style, the center line remains the same. This is the dimension that should be used when planning a layout.

### Defining Rings - Circular shape

SK2SS-D(36")-AL(9' 5 3/32")-500-90-35-SO-W-120-DP-1-S



**Note:** The number will define the diameter of the circle.

### CONSTRUCTION

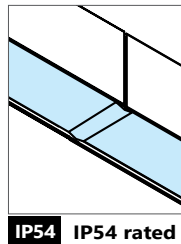
|                                |                                    |
|--------------------------------|------------------------------------|
| <b>Housing</b>                 | Extruded aluminum (0.075" nominal) |
| <b>Interior reflectors</b>     | Sheet aluminum (20 gauge)          |
| <b>Mounting brkts.</b>         | Die cast aluminum (0.10" nominal)  |
| <b>Joining brackets.</b>       | Die cast aluminum (0.10" nominal)  |
| <b>Incap &amp; Cross Brkt.</b> | Die cast aluminum (0.10" nominal)  |

### SHEILDING

|                      |                        |
|----------------------|------------------------|
| <b>Spotless Lens</b> | Acrylic (0.06" thick). |
|----------------------|------------------------|

### IP54 SYSTEM

System runs are comprised of a combination of sections to be assembled on site using our joining system which includes a clear silicone gasket for almost seamless construction for IP54 rating.



### ELECTRICAL

|                                                                                                                      |                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>DP driver</b>                                                                                                     | integral DP driver. 0-10V 1% dimming standard.                                                                                                                                                                                                       |
| <b>DALI2 driver</b>                                                                                                  | integral DALI driver. DALI 2.0 D4i certified driver.                                                                                                                                                                                                 |
| <b>Lutron driver* (Remote)</b>                                                                                       | LDE1 - EcoSystem H-Series (1%)                                                                                                                                                                                                                       |
| <b>Other drivers* (Remote)</b>                                                                                       | DMX - Digital Multiplex<br>Xitanium SR - For wireless sensor<br>*Consult factory                                                                                                                                                                     |
| <b>Tunable White TW drivers*</b>                                                                                     | DALIDT6 - DALI Type 6 (Two DALI Addresses)<br>DALIDT8 - DALI Type 8 (One DALI Address)<br>DPTW - two channel 0-10V dimming: one channel for brightness, one channel for CCT.<br>LDTW - Lutron DALI Type 8 (One DALI address)<br>Tunable White series |
| <b>Power over Ethernet POE drivers* (consult factory for more information)</b><br>UL2108 certified for remote driver | MOLEX<br>IGOR<br>SMARTENGINE<br>O - Other (Consult factory)                                                                                                                                                                                          |
| <b>Emergency*</b>                                                                                                    | Remote emergency battery pack or emergency circuit optional.<br>*Consult factory                                                                                                                                                                     |
| <b>Input Voltage</b>                                                                                                 | 120V, 277V, 347V, UNV, DC.                                                                                                                                                                                                                           |

**i** Incorporating these components may have limitations or effect the length of the luminaire, please contact factory for more details.

### LED SYSTEM

|                            |                                                                                                                                                                       |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CRI</b>                 | High efficacy 90 color rendering index.                                                                                                                               |
| <b>CCT Single Color</b>    | Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 3-step MacAdam ellipse). Both within fixture and fixture to fixture. |
| <b>LED life</b>            | Minimum 50,000h with 85% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.                                         |
| <b>CCT Axitune Systems</b> | <a href="#">Consult Axitune technical sheet for more information on color technology.</a>                                                                             |
| <b>Thermal Management</b>  | Aluminum housing acting as the heat sink to maximize life.                                                                                                            |
| <b>Environment</b>         | Outdoor under canopy, indoor healthcare and wipe down IP54 rated                                                                                                      |

### WEIGHT

Approximately 1.75lbs/ft = 0.8kg/ft (linear)

### FINISH

Highly reflective, white powder coat finish paint for high efficiency. Matte texture to diffuse glare and lamp image on the surface within the optical chamber exterior. Custom finishes are also available.

### APPROVALS

Certified to CSA standards   
Meets NYC requirements  
Suitable for outdoor under canopy, indoor healthcare and wipe down IP54 rated. .

### WARRANTY

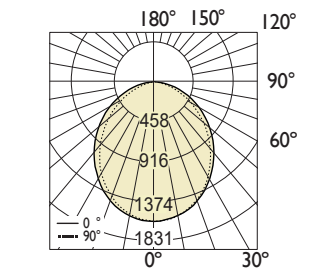
Axis Lighting will warrant defective LEDs, boards, and drivers for 5 years from date of purchase. Warranty is valid if luminaire is installed and used according to specifications. If defective, Axis will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions on how to return defective components to Axis.

● PHOTOMETRIC DATA

SO Spotless lens - Down

Downlight  
1100 lm/ft

PHOTOMETRIC CURVE



Total Lumens: 4401 lm (for 4ft)  
Input Watts: 39.4 W  
Efficacy: 112 lm/W  
IES FILE: SK2S-FF-4'-1100-90-35-SO.ies

TESTED ACCORDING TO IES LM-79-2019

| CANDELA DISTRIBUTION |                   |      |      |      |      |
|----------------------|-------------------|------|------|------|------|
| Vertical Angle       | Horizontal Angles |      |      |      |      |
|                      | 0                 | 22.5 | 45   | 67.5 | 90   |
| 0                    | 1830              | 1830 | 1830 | 1830 | 1830 |
| 5                    | 1824              | 1817 | 1816 | 1809 | 1811 |
| 15                   | 1739              | 1728 | 1720 | 1704 | 1704 |
| 25                   | 1582              | 1557 | 1536 | 1515 | 1507 |
| 35                   | 1355              | 1330 | 1304 | 1264 | 1254 |
| 45                   | 1101              | 1073 | 1038 | 977  | 956  |
| 55                   | 830               | 802  | 741  | 674  | 660  |
| 65                   | 552               | 518  | 454  | 395  | 380  |
| 75                   | 288               | 243  | 193  | 151  | 143  |
| 85                   | 71                | 38   | 19   | 14   | 14   |
| 90                   | 5                 | 5    | 4    | 4    | 4    |

| ZONAL LUMENS |        |
|--------------|--------|
| Zone         | Lumens |
| 0            |        |
| 0-10         | 172    |
| 10-20        | 486    |
| 20-30        | 712    |
| 30-40        | 819    |
| 40-50        | 802    |
| 50-60        | 673    |
| 60-70        | 466    |
| 70-80        | 227    |
| 80-90        | 44     |
| 90           |        |

| LUMINANCE DATA (cd/m²) |                   |       |       |
|------------------------|-------------------|-------|-------|
| Vertical Angle         | Horizontal Angles |       |       |
|                        | 0                 | 45    | 90    |
| 45                     | 25408             | 23959 | 22065 |
| 55                     | 23612             | 21072 | 18775 |
| 65                     | 21313             | 17524 | 14662 |
| 75                     | 18139             | 12140 | 9006  |
| 85                     | 13344             | 3503  | 2604  |

**i** All IES files are available for download at: [www.axislighting.com](http://www.axislighting.com)