

## LED Luminaires

### Surface Mount Disk Lights

- Low Profile Surface Mount Design
- Selectable Color
- Low Glare/Shape, Edge Lit Design



### Specifications

#### Description

The Surface Mount Disk Series utilizes edge lit lighting technology with plastic housing for a low profile, sharp appearance. Available in four sizes from 5.5" to 12", the round edge lit fixtures offer a large, even light surface, avoiding the hot spot of traditional backlit products. Perfect for residential applications that desire a higher end, architectural appearance.

#### Performance

- Selectable color temperatures 2700K, 3000K, 3500K, 4000K, 5000K
- Up to 92 lumens per watt
- High CRI 90+
- L70 Lumen maintenance > 50,000 hours
- Triac dimmable
- 5 Year limited warranty

#### Construction

- Plastic Housing
- Steel LED Back Plate
- PMMA Lens

#### Applications

- Residential
- Commercial buildings
- Hallways
- Self storage
- K-8 Schools, Colleges and Universities

#### Certifications

- cULus
- Energy Star® certified
- Wet location
- RoHS compliant
- FCC Part 15 compliant
- Title 24 compliant
- Suitable for use in closets when installed in accordance with NFPA 70, NEC section 410.16 (A)(3) and 410.16 (C)(5)

## Surface Mount Disk Lights

### Ordering Logic:

| Series                   | Size/Shape   | CRI/CCT  | Driver                                   |
|--------------------------|--|--|--|
| DSK = Surface Mount Disk | 5.5 = 5.5" Round<br>7 = 7" Round<br>9 = 9" Round<br>12 = 12" Round | CS = 90 CRI, Color Selectable<br>2700K-3000K-3500K-4000K-5000K | 120V = 120V, 50/60 Hz,<br>Triac Dimmable |

## Ordering Information

| Product SKU | Product Code    | Product Description  | Energy Star ID |
|-------------|-----------------|--|----------------|
| 83897       | DSK-5.5-CS-120V | Surface Mount Disk 5.5in 10W 820 Lumens 2700-5000K Color Selectable 120V Triac Dim | 3722070        |
| 83898       | DSK-7-CS-120V   | Surface Mount Disk 7in 14W 1150 Lumens 2700-5000K Color Selectable 120V Triac Dim  | 3722173        |
| 83899       | DSK-9-CS-120V   | Surface Mount Disk 9in 18W 1480 Lumens 2700-5000K Color Selectable 120V Triac Dim  | 3722071        |
| 83900       | DSK-12-CS-120V  | Surface Mount Disk 12in 22W 1650 Lumens 2700-5000K Color Selectable 120V Triac Dim |                |
| Accessories |                 |  |                |
| 83924       | DSK-5.5-TRM-BK  | Surface Mount Disk 5.5in Round Trim Black  |                |
| 83925       | DSK-5.5-TRM-BN  | Surface Mount Disk 5.5in Round Trim Brushed Nickel                                 |                |
| 83926       | DSK-5.5-TRM-BC  | Surface Mount Disk 5.5in Round Trim Brushed Copper                                 |                |
| 83927       | DSK-5.5-TRM-DB  | Surface Mount Disk 5.5in Round Trim Dark Bronze                                    |                |
| 83928       | DSK-7-TRM-BK    | Surface Mount Disk 7in Round Trim Black  |                |
| 83929       | DSK-7-TRM-BN    | Surface Mount Disk 7in Round Trim Brushed Nickel                                   |                |
| 83930       | DSK-7-TRM-BC    | Surface Mount Disk 7in Round Trim Brushed Copper                                   |                |
| 83931       | DSK-7-TRM-DB    | Surface Mount Disk 7in Round Trim Dark Bronze                                      |                |
| 83932       | DSK-9-TRM-BK    | Surface Mount Disk 9in Round Trim Black  |                |
| 83933       | DSK-9-TRM-BN    | Surface Mount Disk 9in Round Trim Brushed Nickel                                   |                |
| 83934       | DSK-9-TRM-BC    | Surface Mount Disk 9in Round Trim Brushed Copper                                   |                |
| 83935       | DSK-9-TRM-DB    | Surface Mount Disk 9in Round Trim Dark Bronze                                      |                |
| 83936       | DSK-12-TRM-BK   | Surface Mount Disk 12in Round Trim Black   |                |
| 83937       | DSK-12-TRM-BN   | Surface Mount Disk 12in Round Trim Brushed Nickel                                  |                |
| 83938       | DSK-12-TRM-BC   | Surface Mount Disk 12in Round Trim Brushed Copper                                  |                |
| 83939       | DSK-12-TRM-DB   | Surface Mount Disk 12in Round Trim Dark Bronze                                     |                |

## Surface Mount Disk Lights

### Performance Table

| Product Code    | Selectable Wattage | 2700K      |                 | 3000K      |                 | 3500K      |                 | 4000K      |                 | 5000K      |                 |
|-----------------|--------------------|------------|-----------------|------------|-----------------|------------|-----------------|------------|-----------------|------------|-----------------|
|                 |                    | Lumen (lm) | Efficacy (lm/W) | Lumen (lm) | Efficacy (lm/W) | Lumen (lm) | Efficacy (lm/W) | Lumen (lm) | Efficacy (lm/W) | Lumen (lm) | Efficacy (lm/W) |
| DSK-5.5-CS-120V | 10                 | 818        | 83              | 844        | 85              | 873        | 89              | 886        | 90              | 876        | 89              |
| DSK-7-CS-120V   | 14                 | 1229       | 89              | 1243       | 90              | 1260       | 92              | 1268       | 92              | 1269       | 92              |
| DSK-9-CS-120V   | 18                 | 1433       | 81              | 1465       | 83              | 1530       | 87              | 1564       | 89              | 1558       | 89              |
| DSK-12-CS-120V  | 22                 | 1670       | 74              | 1707       | 76              | 1756       | 79              | 1784       | 80              | 1786       | 80              |

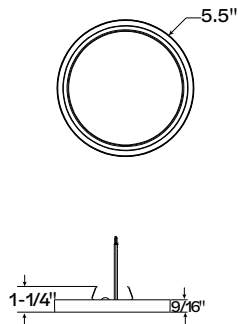
### Specifications Table

|                     | DSK-5.5-CS-120V  | DSK-7-CS-120V                                  | DSK-9-CS-120V                                  | DSK-12-CS-120V                                 |
|---------------------|--|--|--|--|
| Nominal Wattage     | 10W  | 14W  | 18W  | 22W  |
| Delivered Lumens    | 820  | 1150   | 1480   | 1650   |
| Efficacy (lm/W)     | 83 LPW   | 89 LPW   | 85 LPW   | 74 LPW   |
| CCT                 | Selectable 2700K, 3000K, 3500K, 4000K or 5000K                               | Selectable 2700K, 3000K, 3500K, 4000K or 5000K | Selectable 2700K, 3000K, 3500K, 4000K or 5000K | Selectable 2700K, 3000K, 3500K, 4000K or 5000K |
| CRI                 | >90  |  |  |  |
| L70 Lifetime (hrs)  | >50,000  |  |  |  |
| Voltage             | 120V, 50/60 Hz   |  |  |  |
| Power Factor        | >0.9   |  |  |  |
| Dimming             | Yes (Triac)  |  |  |  |
| Housing Material    | Steel Backed Heatsink with Plastic Frame                                     |  |  |  |
| Lens                | PMMA   |  |  |  |
| Operating Temp. Min | -20C   |  |  |  |
| Operating Temp. Max | 40C  |  |  |  |
| Listings            | UL Listed - Energy Star® Downlight 1.0- FCC - RoHS - Wet Location - Title 24 |  |  |  |
| Environment         | Wet Location   |  |  |  |
| Warranty (Years)    | 5 Years  |  |  |  |
| Operating Position  | 0  |  |  |  |
| Amps                | 0  |  |  |  |
| Weight (lbs)        | 0.44   | 0.64   | 1.12   | 1.41   |

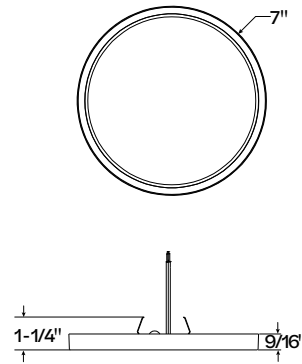
## Surface Mount Disk Lights

### Dimensions

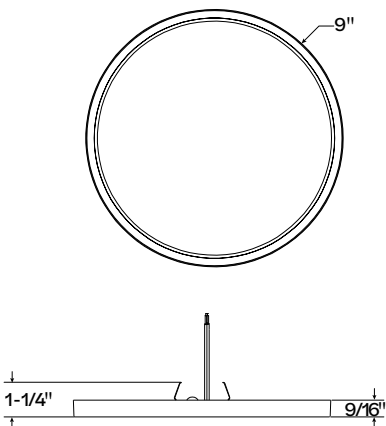
**5.5" Surface Mount Disk Light-  
DSK-5.5-CS-120V**



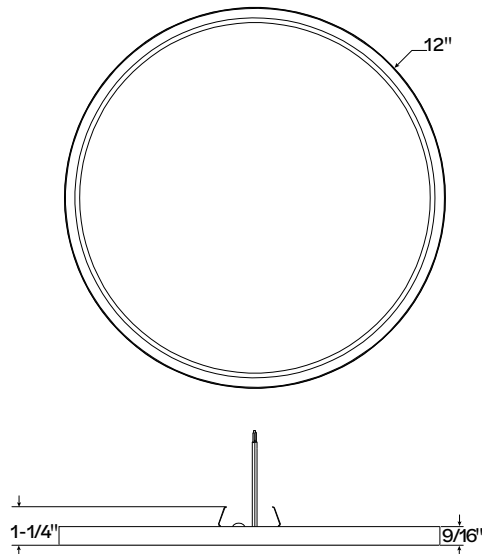
**7" Surface Mount Disk Light  
DSK-7-CS-120V**



**9" Surface Mount Disk Light-  
DSK-9-CS-120V**



**12" Surface Mount Disk Light-  
DSK-12-CS-120V**



### Dimmer Compatibility List

| Dimmer Brand | Series            | Dimmer Model   |
|--------------|-------------------|----------------|
| LUTRON       | Maestro C-L       | MACL-153M      |
| LUTRON       | Skylark C-L       | SCL-153P       |
| LEVITON      | Sureslide         | Cat.NO.6674    |
| LUTRON       | Diva C-L          | DVCL-153P      |
| LEVITON      | SureSlide         | NO.6672        |
| LEGRAND      | Radiant           | RHCL453PTC     |
| LEGRAND      | Harmony           | DCL453PTCCCV6  |
| LEGRAND      | Harmony           | HCL453PTCCCV6  |
| LUTRON       | Skylark           | CTCL-153PDH-WH |
| LUTRON       | Toggler           | TGCL-153PH-WH  |
| LEVITON      | Decora(SureSlide) | R12-06672-1LW  |
| LEVITON      | Illumena T ech    | R50-IPL06-10M  |
| LUTRON       | Diva C-L          | DVWCL-153PH-WH |

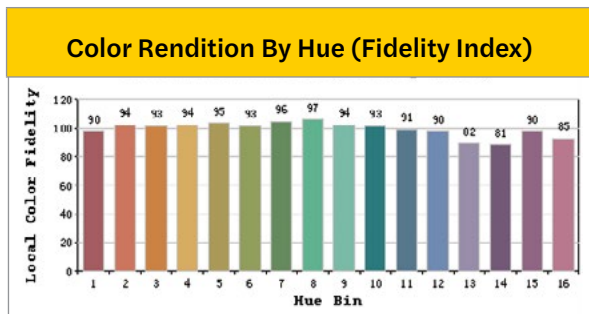
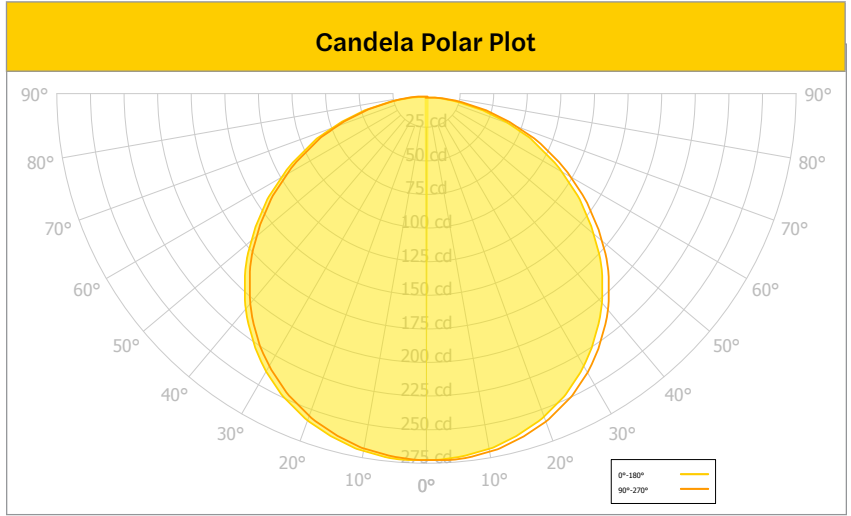
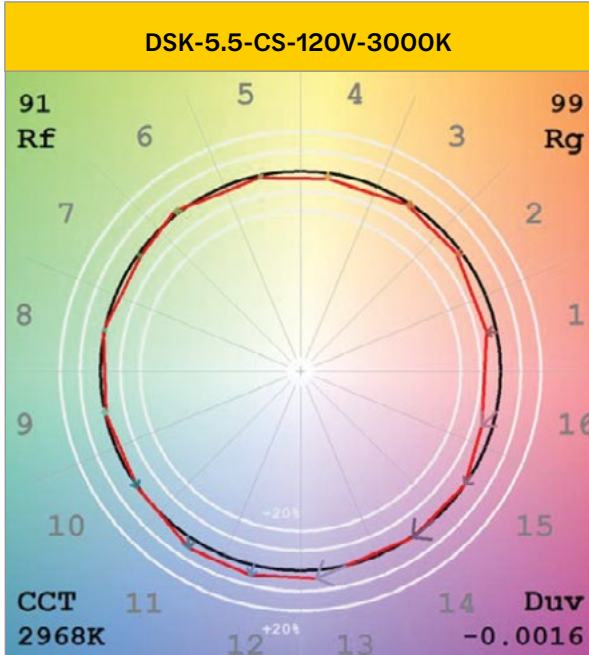
LED Luminaires

## Surface Mount Disk Lights

### Photometrics\*

#### DSK-5.5-CS-120V-3000K

\*The below diagrams and zonal lumen summaries represent each fixture at highest wattage selection and at 3000K. For complete photometry/IES files, please visit our website.



**Zonal Lumen Summary**

| Zone      | Lumens | %Lamp   |
|-----------|--------|---------|
| 0° - 10°  | 27.39  | 3.42%   |
| 10° - 20° | 74.23  | 9.27%   |
| 20° - 30° | 113.58 | 14.18%  |
| 30° - 40° | 138.05 | 17.24%  |
| 40° - 50° | 143.62 | 17.93%  |
| 50° - 60° | 129.62 | 16.18%  |
| 60° - 70° | 99.08  | 12.37%  |
| 70° - 80° | 58.24  | 7.27%   |
| 80° - 90° | 17.18  | 2.14%   |
| 0° - 90°  | 800.99 | 100.00% |

**Spacing Criterion**

|          |      |
|----------|------|
| 0-270°   | 1.26 |
| 90°-180° | 1.29 |

**Color Metrics**

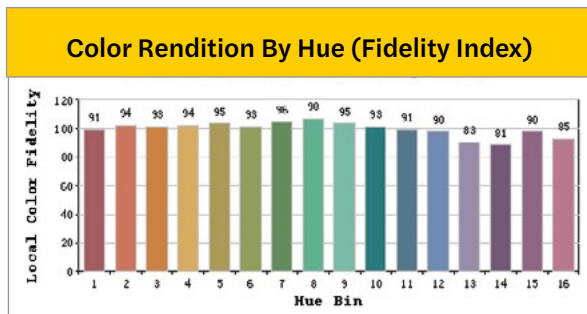
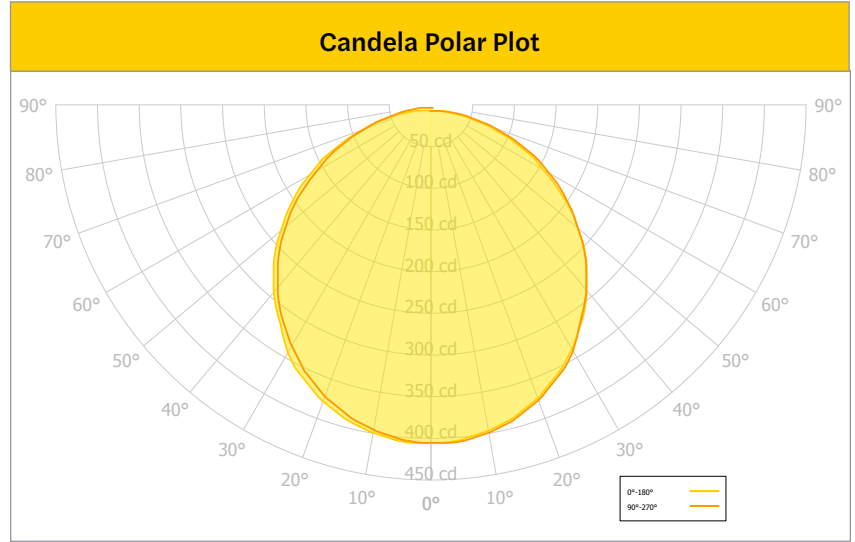
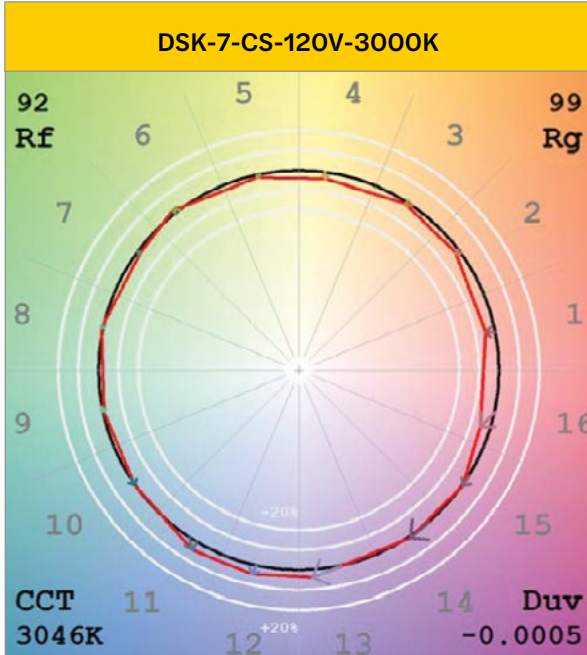
|    |    |
|----|----|
| RF | 91 |
| RG | 99 |

## Surface Mount Disk Lights

### Photometrics\*

#### DSK-7-CS-120V-3000K

\*The below diagrams and zonal lumen summaries represent each fixture at highest wattage selection and at 3000K. For complete photometry/IES files, please visit our website.



| Color Metrics |    |
|---------------|----|
| RF            | 92 |
| RG            | 99 |

| Zonal Lumen Summary |         |         |
|---------------------|---------|---------|
| Zone                | Lumens  | %Lamp   |
| 0° - 10°            | 40.63   | 3.56%   |
| 10° - 20°           | 109.27  | 9.57%   |
| 20° - 30°           | 165.16  | 14.47%  |
| 30° - 40°           | 197.14  | 17.27%  |
| 40° - 50°           | 203.53  | 17.83%  |
| 50° - 60°           | 183.44  | 16.07%  |
| 60° - 70°           | 139.13  | 12.19%  |
| 70° - 80°           | 80.35   | 7.04%   |
| 80° - 90°           | 22.82   | 2.00%   |
| 0° - 90°            | 1141.46 | 100.00% |

| Spacing Criterion |      |
|-------------------|------|
| 0-270°            | 1.24 |
| 90°-180°          | 1.24 |

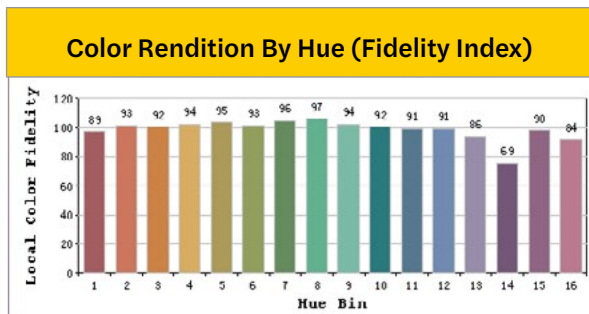
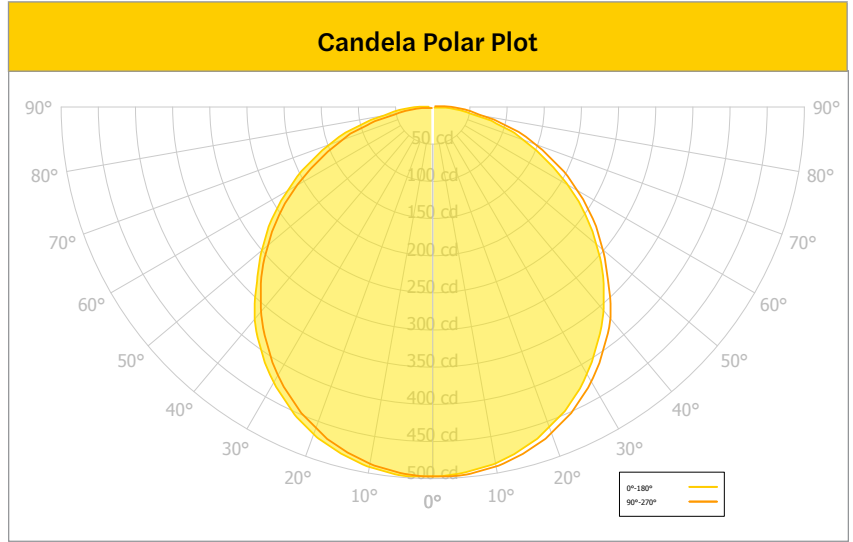
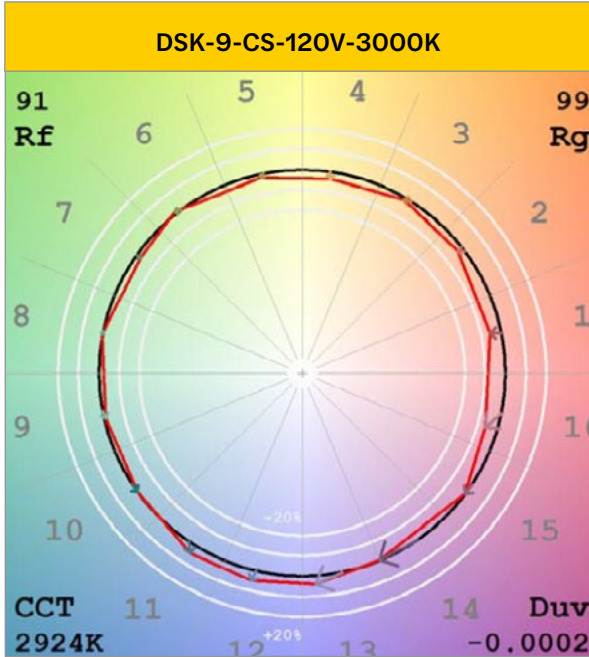
LED Luminaires

## Surface Mount Disk Lights

### Photometrics\*

#### DSK-9-CS-120V-3000K

\*The below diagrams and zonal lumen summaries represent each fixture at highest wattage selection and at 3000K. For complete photometry/IES files, please visit our website.



**Zonal Lumen Summary**

| Zone      | Lumens  | %Lamp   |
|-----------|---------|---------|
| 0° - 10°  | 49.85   | 3.52%   |
| 10° - 20° | 134.30  | 9.47%   |
| 20° - 30° | 203.54  | 14.36%  |
| 30° - 40° | 244.97  | 17.28%  |
| 40° - 50° | 252.11  | 17.79%  |
| 50° - 60° | 227.49  | 16.05%  |
| 60° - 70° | 173.24  | 12.22%  |
| 70° - 80° | 101.69  | 7.17%   |
| 80° - 90° | 30.29   | 2.14%   |
| 0° - 90°  | 1417.48 | 100.00% |

**Spacing Criterion**

|          |      |
|----------|------|
| 0-270°   | 1.23 |
| 90°-180° | 1.26 |

**Color Metrics**

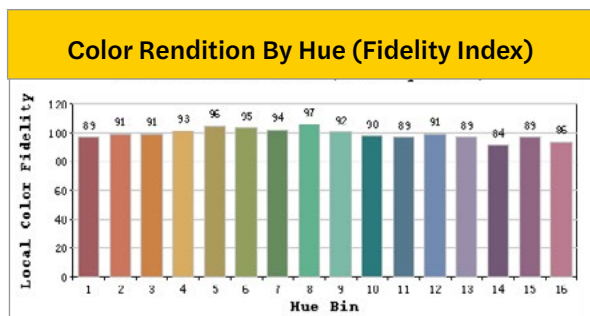
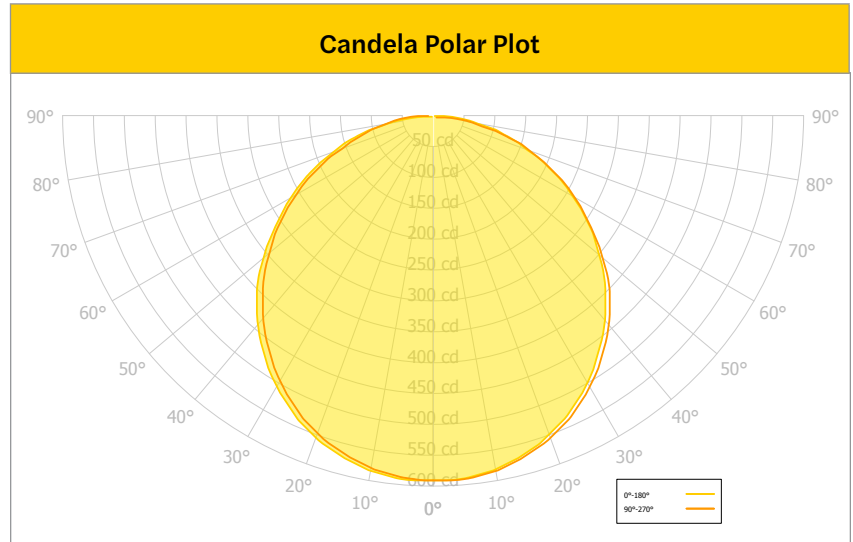
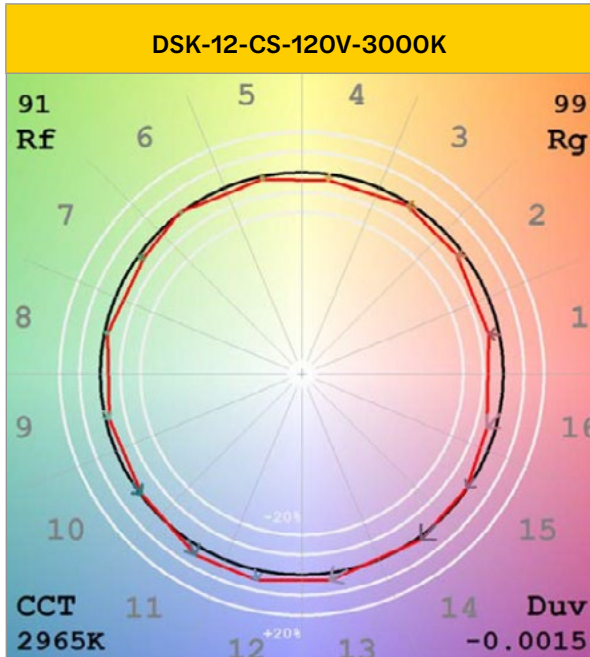
|    |    |
|----|----|
| RF | 91 |
| RG | 99 |

## Surface Mount Disk Lights

### Photometrics\*

#### DSK-12-CS-120V-3000K

\*The below diagrams and zonal lumen summaries represent each fixture at highest wattage selection and at 3000K. For complete photometry/IES files, please visit our website.



**Color Metrics**

|    |    |
|----|----|
| RF | 91 |
| RG | 99 |

**Zonal Lumen Summary**

| Zone      | Lumens  | %Lamp   |
|-----------|---------|---------|
| 0° - 10°  | 59.25   | 3.47%   |
| 10° - 20° | 159.63  | 9.34%   |
| 20° - 30° | 242.11  | 14.17%  |
| 30° - 40° | 292.09  | 17.09%  |
| 40° - 50° | 303.04  | 17.73%  |
| 50° - 60° | 273.40  | 16.00%  |
| 60° - 70° | 211.71  | 12.39%  |
| 70° - 80° | 127.38  | 7.45%   |
| 80° - 90° | 40.39   | 2.36%   |
| 0° - 90°  | 1709.00 | 100.00% |

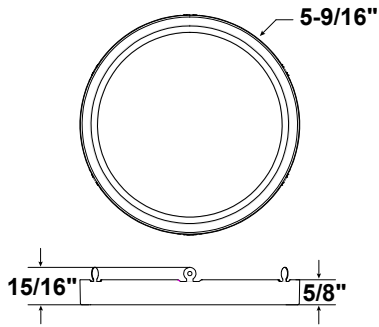
**Spacing Criterion**

|          |      |
|----------|------|
| 0-270°   | 1.25 |
| 90°-180° | 1.26 |

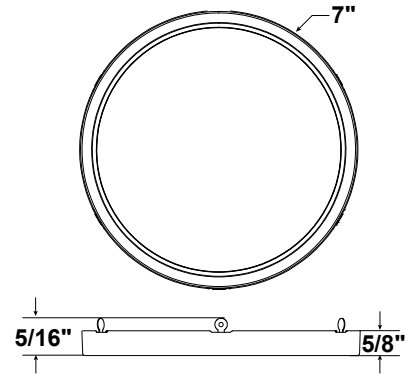
## Surface Mount Disk Lights

### Options & Accessories

#### 5.5" Trim



#### 7" Trim



#### Black



83924 - DSK-5.5-TRM-BK

#### Brushed Nickel



83925 - DSK-5.5-TRM-BN

#### Black



83928 - DSK-7-TRM-BK

#### Brushed Nickel



83929 - DSK-7-TRM-BN

#### Brushed Copper



83926 - DSK-5.5-TRM-BC

#### Dark Bronze



83927 - DSK-5.5-TRM-DB

#### Brushed Copper



83930 - DSK-7-TRM-BC

#### Dark Bronze

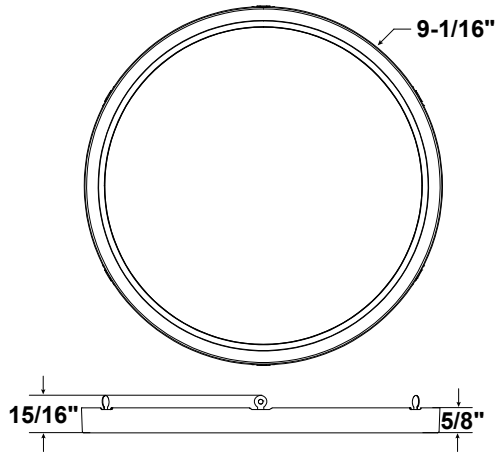


83931 - DSK-7-TRM-DB

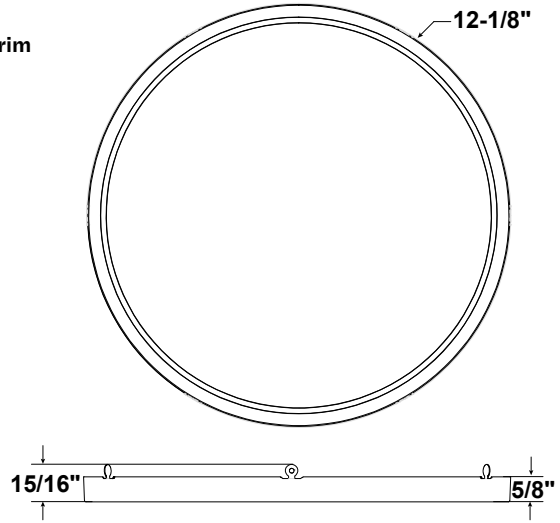
## Surface Mount Disk Lights

### Options & Accessories

9" Trim



12" Trim



Black



83932 - DSK-9-TRM-BK

Brushed Nickel



83933 - DSK-9-TRM-BN

Black



83936 - DSK-12-TRM-BK

Brushed Nickel



83937 - DSK-12-TRM-BN

Brushed Copper



83934 - DSK-9-TRM-BC

Dark Bronze



83935 - DSK-9-TRM-DB

Brushed Copper



83938 - DSK-12-TRM-BC

Dark Bronze



83939 - DSK-12-TRM-DB