

LED Luminaires

Surface Mount Disk Lights

- Low Profile Surface Mount Design
- Selectable Color Temperature
- Edge Lit Design Reduces Glare
- Optional PIR sensor for energy efficiency
- PIR Hold Times: 30 Sec. / 5 Min. / 10 Min.

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 - Non-PIR SKUs
- Non-dimmable - PIR SKUs
- 5 Year limited warranty

Construction

- Plastic Housing
- Steel LED Back Plate - Non-PIR SKUs
- Steel Bracket - PIR SKUs
- PMMA Lens

DATE: _____ LOCATION: _____
 TYPE: _____ PROJECT: _____
 CATALOG #: _____



Applications

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

Certifications

- cULus
- Energy Star® certified
- Wet location - Non-PIR SKUs
- Damp location - PIR SKUs
- 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	CCT	Driver	Option
DSK = Surface Mount Disk	5.5 = 5.5" Round 7 = 7" Round 9 = 9" Round 12 = 12" Round	CS = 90 CRI, Color Selectable 2700K-3000K-3500K-4000K-5000K	120V = 120V, 50/60 Hz, Triac Dimmable 120V-PIR = 120V, 50/60 Hz, Non-Dimmable	PIR = PIR Motion Sensor

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	
83901	DSK-5.5-CS-120V-PIR	Surface Mount Disk 5.5in 10W 820 Lumens 27/30/35/40/50K Color Select 120V Non-Dim PIR Sensor	4514454
83902	DSK-7-CS-120V-PIR	Surface Mount Disk 7in 14W 1150 Lumens 27/30/35/40/50K Color Select 120V Non-Dim PIR Sensor	4514456
83903	DSK-9-CS-120V-PIR	Surface Mount Disk 9in 18W 1480 Lumens 27/30/35/40/50K Color Select 120V Non-Dim PIR Sensor	4514457
83904	DSK-12-CS-120V-PIR	Surface Mount Disk 12in 22W 1650 Lumens 27/30/35/40/50K Color Select 120V Non-Dim PIR Sensor	
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	

*Trims are not available for fixtures with PIR option.

Surface Mount Disk Lights

Performance Table

Product Code	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
DSK-5.5-CS-120V-PIR	10	863	87	896	90	947	95	958	96	938	94
DSK-7-CS-120V-PIR	14	1198	92	1210	93	1258	96	1270	97	1271	98
DSK-9-CS-120V-PIR	18	1574	97	1595	98	1637	99	1638	100	1626	100
DSK-12-CS-120V-PIR	22	1695	83	1767	87	1873	90	1918	93	1930	95

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	89	85	74
CCT	Selectable 2700K, 3000K, 3500K, 4000K or 5000K			
CRI	>90			
L70 Lifetime (hrs)	>50,000			
Input 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	-20° C (-4° F)			
Operating Temp. Max	40° C (104° F)			
Listings	UL/FCC/T24/ES	UL/FCC/T24/ES	UL/FCC/T24/ES	UL/FCC/T24
Environment	Wet Location			
Warranty (Years)	5			
Weight (lbs)	0.44	0.64	1.12	1.41

Surface Mount Disk Lights

Specifications Table

	DSK-5.5-CS-120V-PIR	DSK-7-CS-120V-PIR	DSK-9-CS-120V-PIR	DSK-12-CS-120V-PIR
Nominal Wattage	10W	14W	18W	22W
Delivered Lumens	820	1150	1480	1650
Efficacy (lm/W)	82	82	82	75
CCT	Selectable 2700K, 3000K, 3500K, 4000K or 5000K			
CRI	>90			
L70 Lifetime (hrs)	>50,000			
Input Voltage	120V, 60 Hz			
Power Factor	>0.9			
Dimming	No			
Housing Material	Plastic			
Lens	Plastic			
Operating Temp. Min	-20° C (-4° F)			
Operating Temp. Max	40° C (104° F)			
Listings	UL/FCC/T24/ES	UL/FCC/T24/ES	UL/FCC/T24/ES	UL/FCC/T24
Environment	Damp Location			
Warranty (Years)	5			
Weight (lbs)	0.77	1.08	1.51	1.83

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

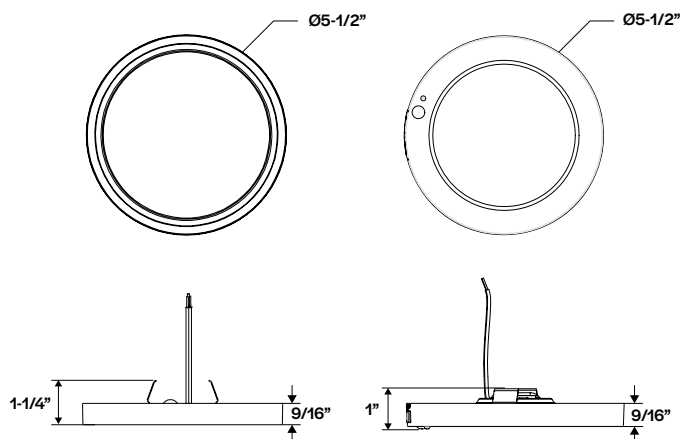
Surface Mount Disk Lights

Dimensions

5.5" Surface Mount Disk Light

DSK-5.5-CS-120V

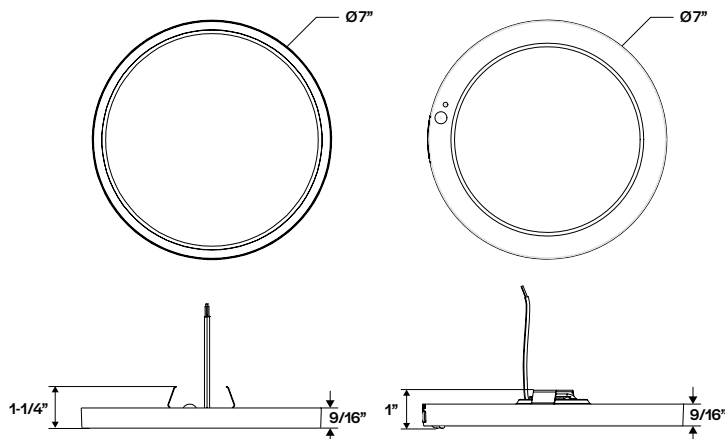
DSK-5.5-CS-120V-PIR



7" Surface Mount Disk Light

DSK-7-CS-120V

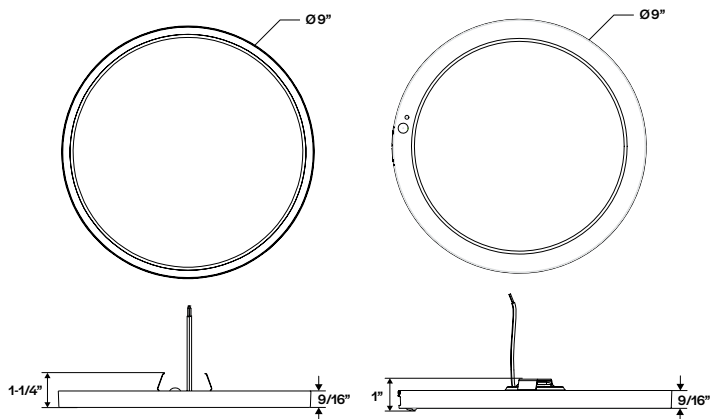
DSK-7-CS-120V-PIR



9" Surface Mount Disk Light

DSK-9-CS-120V

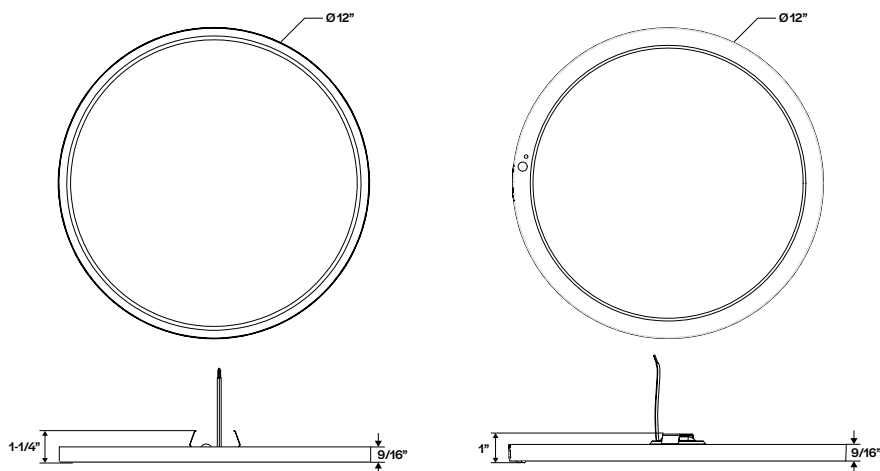
DSK-9-CS-120V-PIR



12" Surface Mount Disk Light

DSK-12-CS-120V

DSK-12-CS-120V-PIR

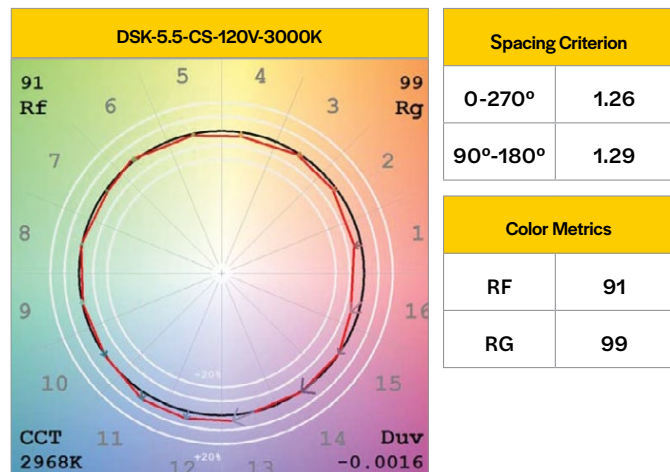


Surface Mount Disk Lights

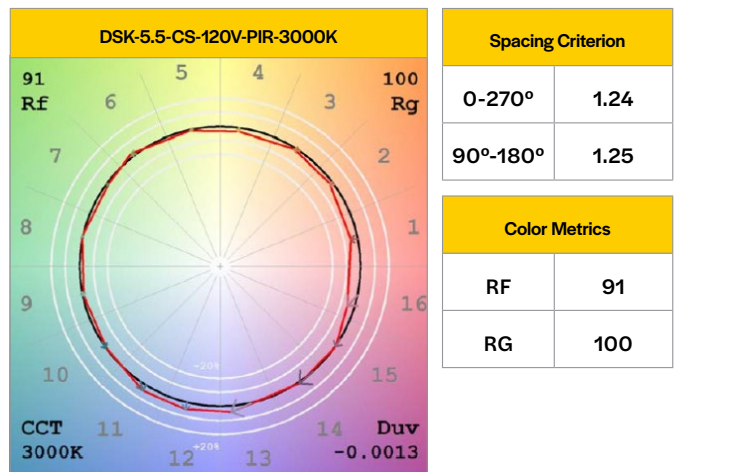
Photometric Information

*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.

DSK-5.5-CS-120V-3000K



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

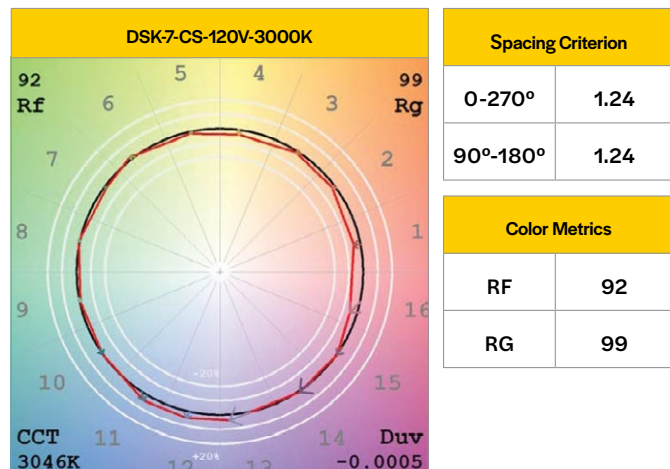


Surface Mount Disk Lights

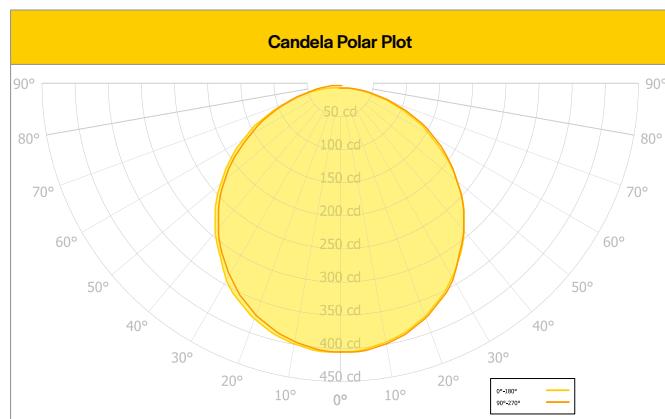
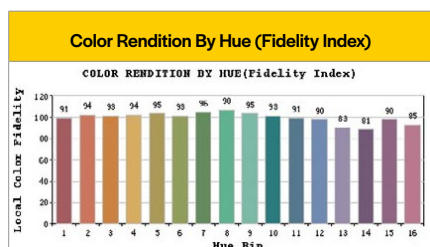
Photometric Information

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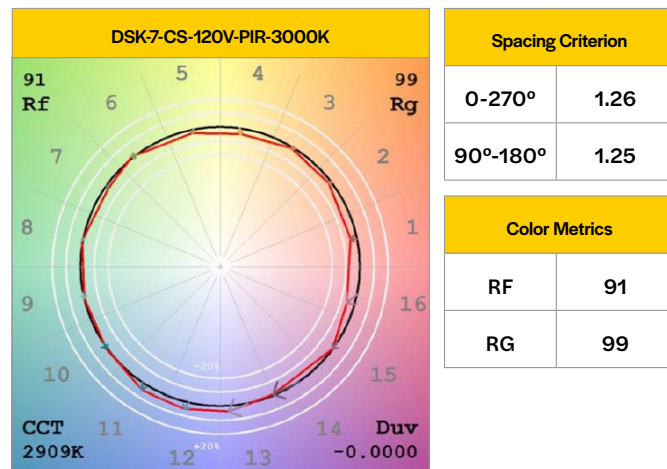
DSK-7-CS-120V-3000K



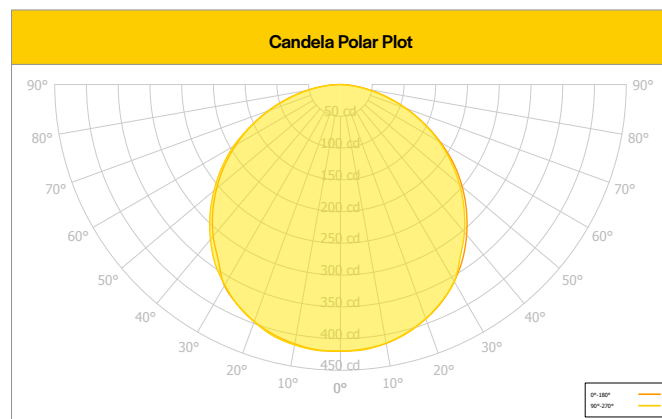
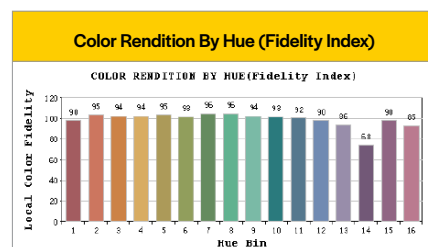
Zonal Lumen Summary		
Zonal	Lumens	% Fixture
0° - 10°	40	4%
10° - 20°	109	10%
20° - 30°	165	14%
30° - 40°	197	17%
40° - 50°	203	18%
50° - 60°	183	16%
60° - 70°	139	12%
70° - 80°	80	7%
80° - 90°	23	2%
0° - 90°	1141	100%



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



Zonal Lumen Summary		
Zonal	Lumens	% Fixture
0° - 10°	42	4%
10° - 20°	114	9%
20° - 30°	174	14%
30° - 40°	209	17%
40° - 50°	216	18%
50° - 60°	195	16%
60° - 70°	148	12%
70° - 80°	84	7%
80° - 90°	23	2%
0° - 90°	1209	100%

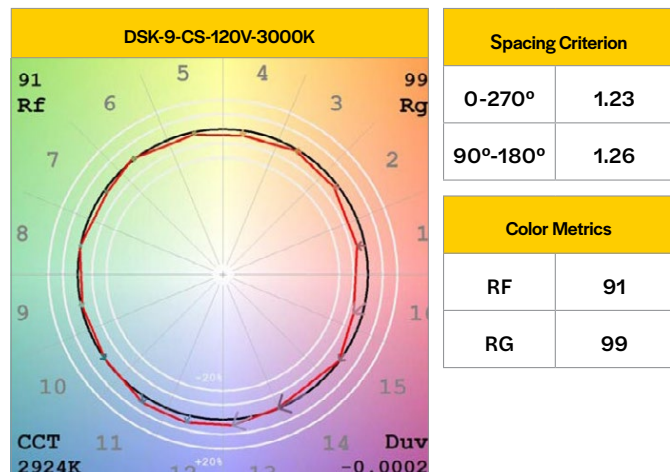


Surface Mount Disk Lights

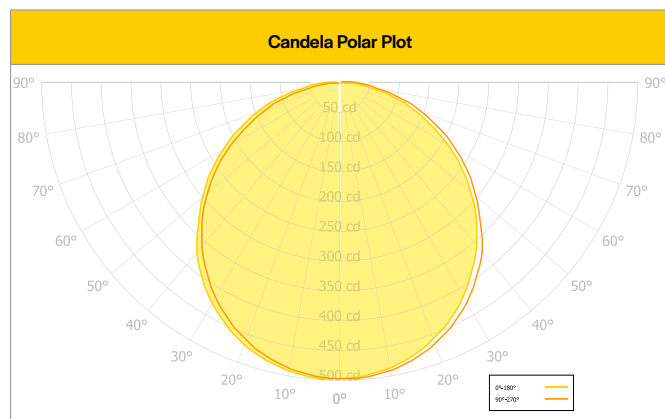
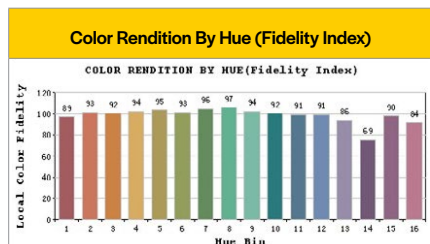
Photometric Information

*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.

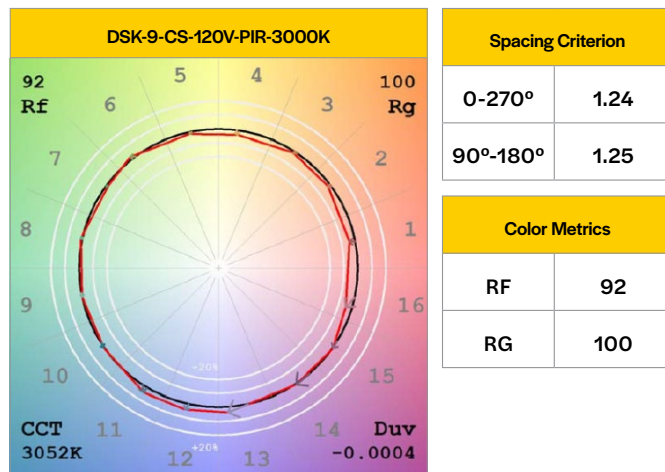
DSK-9-CS-120V-3000K



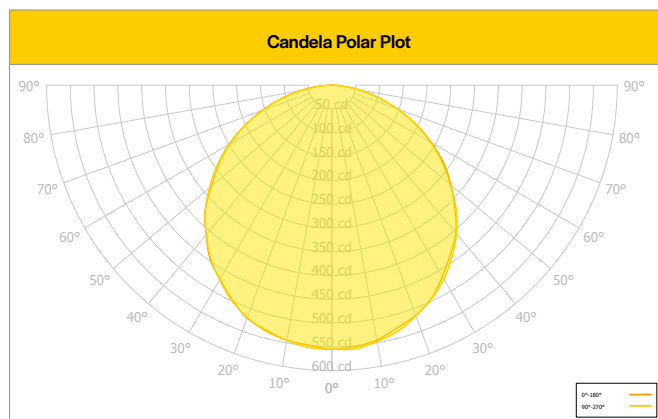
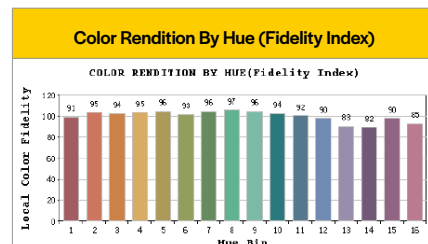
Zonal Lumen Summary		
Zonal	Lumens	% Fixture
0° - 10°	50	4%
10° - 20°	134	9%
20° - 30°	203	14%
30° - 40°	245	17%
40° - 50°	252	18%
50° - 60°	227	16%
60° - 70°	173	12%
70° - 80°	101	7%
80° - 90°	30	2%
0° - 90°	1417	100%



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



Zonal Lumen Summary		
Zonal	Lumens	% Fixture
0° - 10°	55	4%
10° - 20°	150	9%
20° - 30°	228	14%
30° - 40°	276	17%
40° - 50°	286	18%
50° - 60°	257	16%
60° - 70°	196	12%
70° - 80°	111	7%
80° - 90°	31	2%
0° - 90°	1594	100%

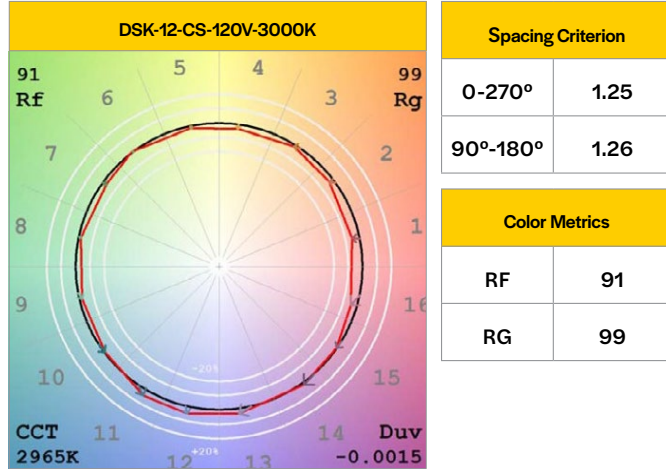


Surface Mount Disk Lights

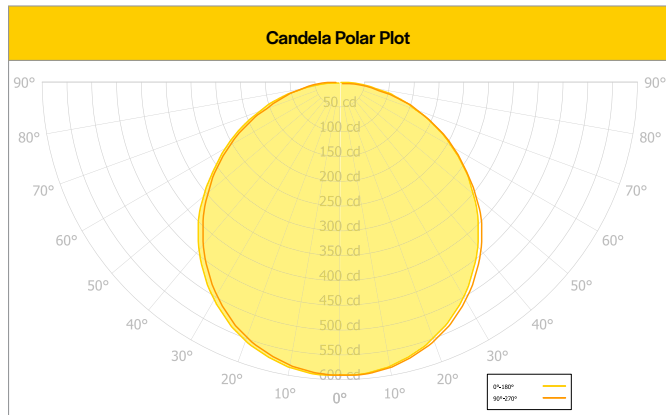
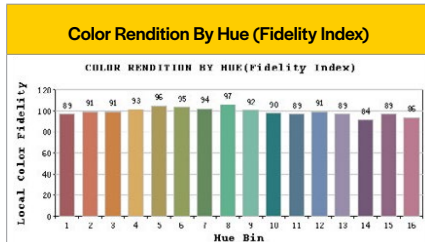
Photometric Information

*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.

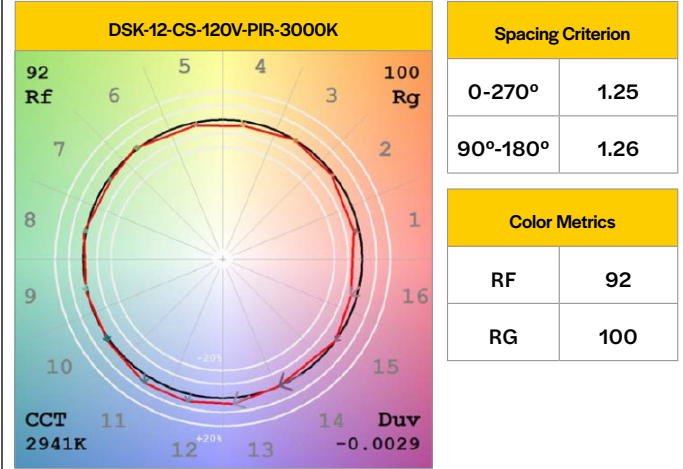
DSK-12-CS-120V-3000K



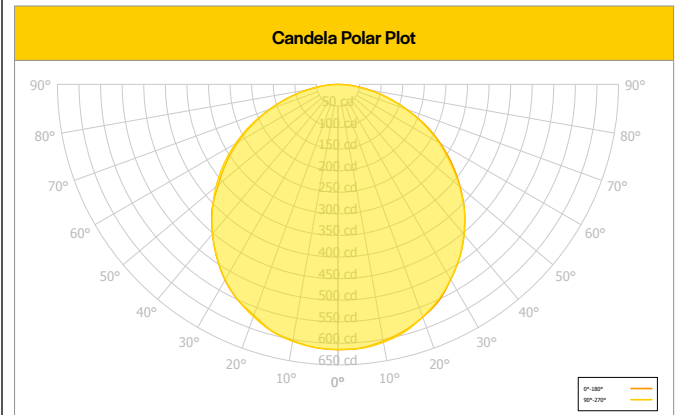
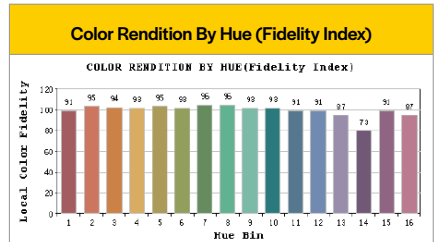
Zonal Lumen Summary		
Zonal	Lumens	% Fixture
0° - 10°	59	4%
10° - 20°	159	9%
20° - 30°	242	14%
30° - 40°	292	17%
40° - 50°	303	18%
50° - 60°	273	16%
60° - 70°	211	12%
70° - 80°	127	7%
80° - 90°	40	2%
0° - 90°	1709	100%



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



Zonal Lumen Summary		
Zonal	Lumens	% Fixture
0° - 10°	61	3%
10° - 20°	166	9%
20° - 30°	252	14%
30° - 40°	305	17%
40° - 50°	317	18%
50° - 60°	285	16%
60° - 70°	217	12%
70° - 80°	124	7%
80° - 90°	36	2%
0° - 90°	1767	100%

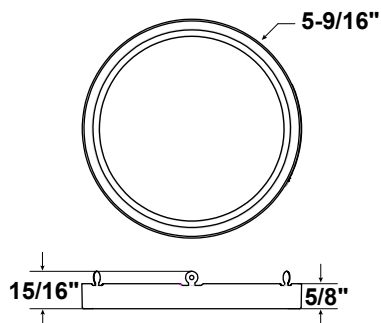


Surface Mount Disk Lights

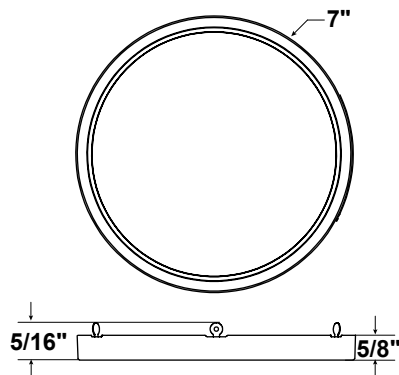
Options & Accessories

* Color trim accessories are compatible with standard models only and are not compatible with PIR sensor versions.

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



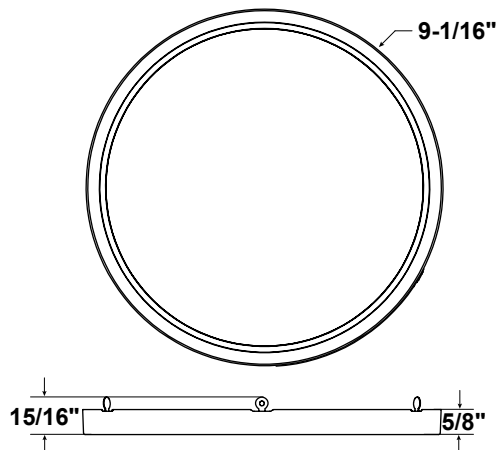
83931 - DSK-7-TRM-DB

Surface Mount Disk Lights

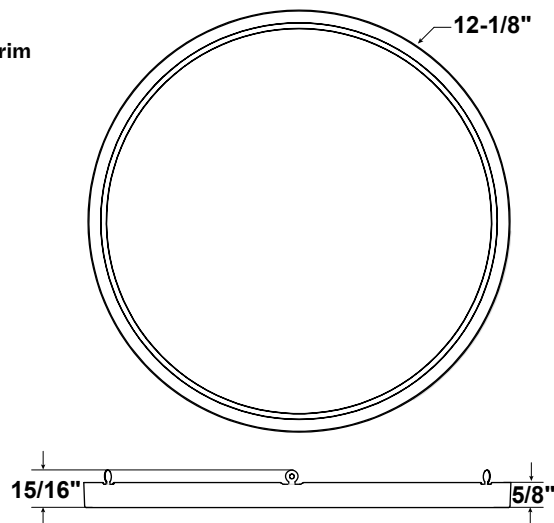
Options & Accessories

* Color trim accessories are compatible with standard models only and are not compatible with PIR sensor versions.

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