

# Surface Mount Downlight Fixture



## 4" Round Downlight with Magnetic Changeable Trims Direct to Octagon Junction Box or Retrofit

Sunlite's surface mount downlight series can be installed directly into an octagon ceiling junction box (or deep j-box for regressed version) or as a retrofit in existing recessed cans using the included hardware. With the innovative magnetic interchangeable trims, choosing a finish couldn't be simpler.



### Features

- Installs directly into a standard octagon junction box\* (*regressed version requires a deep junction box*)
- Retrofit hardware included for installation directly into recessed cans
- Additional trim finishes attach magnetically (*sold separately*)
- Triac dimmable 10-100%
- ETL rated for wet location
- CRI 90 for accurate color rendering

*\*Installer must ensure compatibility of fit, wiring, and proper mounting in the electrical junction box*

Project: \_\_\_\_\_  
Type: \_\_\_\_\_  
Catalog #: \_\_\_\_\_  
Date: \_\_\_\_\_  
Comments: \_\_\_\_\_

### Technical Specifications

#### Construction

Fixture Material	Die-cast aluminum housing
Fixture Finish	White
Lens Material	Glass
Lens Finish	Frosted
Shape	Round

#### Electrical

Input Voltage	120Vac
Operating Frequency	60Hz
Power Factor	>0.9
Dimmable	Triac / 10-100% (dimmer dependent)

#### Photometrics

Color Rendering Index (CRI)	>90
Beam Spread	110° Wide Flood
Lifespan (L70)	50,000 hours

#### Ratings / Certifications

Safety Certification	ETL
Safety Rating	Wet Location
Installation Requirements	Junction box or recessed can
IC Rated	Yes
Airtight Rated	Yes
Operating Temperature	-22°F - 104°F (-30°C - 40°C)
Energy Star	Yes
California Energy Commission	T24
FCC	FCC Part 15, Subpart B
Warranty	5 years



## Ordering Matrix (downlight)

Brand	Family	Shape	Size	Wattage	CCT	Voltage	Finish
SF		RD	4			120	WH
	<b>DFL</b> Downlight Flat Lens	<b>RD</b> Round	<b>4</b> 4in	<b>10<sup>1</sup></b> 10W	<b>927</b> 2700K 90CRI	<b>120</b> 120V	<b>WH</b> White
	<b>DRL</b> Downlight Regressed Lens			<b>13<sup>2</sup></b> 13W	<b>930</b> 3000K 90CRI		
					<b>935<sup>3</sup></b> 3500K 90CRI		
					<b>940</b> 4000K 90CRI		

<sup>1</sup>10w available in DFL only    <sup>2</sup>13w available in DRL only    <sup>3</sup>3500k available in DRL only

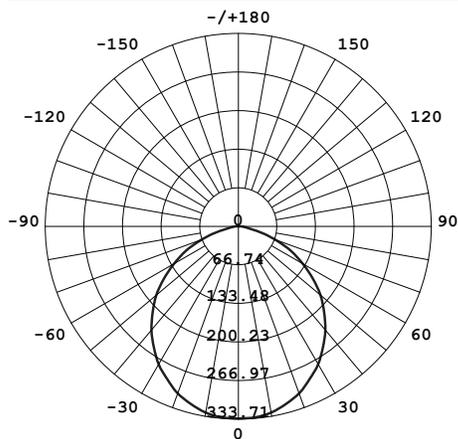
## Ordering Matrix (accessories)

Brand	Family	Shape	Size	Finish
SF	DTR	RD	4	
	<b>DTR</b> Downlight Trim	<b>RD</b> Round	<b>4</b> 4in	<b>BK</b> Black <b>SL</b> Silver

## Data Table

Catalog ID	Type	Power	Color Temp.	Lumens	Efficacy (Lm/W)
SF/DFL/RD/4/10/927/120/WH	Flat Lens Downlight	10W	2700K	884	88
SF/DFL/RD/4/10/930/120/WH	Flat Lens Downlight	10W	3000K	919	92
SF/DFL/RD/4/10/940/120/WH	Flat Lens Downlight	10W	4000K	948	95

## Photometric Data @2700K



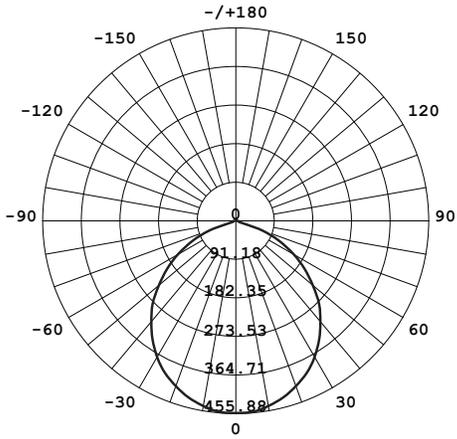
Cone of Light Tabulation			
Height (Ft)	FC (Center)	Diameter (Ft)	
6.00	9.27	16.25	
8.00	5.21	21.67	
10.00	3.34	27.08	
12.00	2.32	32.50	
14.00	1.71	37.92	
Lumen Output Multiplier			
3000K	1.06	4000K	1.10

Zonal Lumen Summary		
Zone	Lumens	% of Luminaire
0-30	256.73	29.06
0-40	417.53	47.26
0-60	722.01	81.72
0-90	882.18	99.85
0-180	883.52	100.00

## Data Table

Catalog ID	Type	Power	Color Temp.	Lumens	Efficacy (Lm/W)
SF/DRL/RD/4/13/927/120/WH	Regressed Lens Downlight	13W	2700K	1110	85
SF/DRL/RD/4/13/930/120/WH	Regressed Lens Downlight	13W	3000K	1178	90

## Photometric Data @2700K

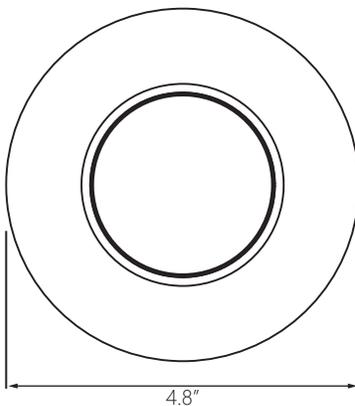
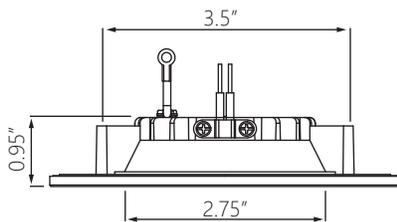


Cone of Light Tabulation		
Height (Ft)	FC (Center)	Diameter (Ft)
6.00	12.67	15.18
8.00	7.13	20.24
10.00	4.56	25.30
12.00	3.17	30.36
14.00	2.33	35.42
Lumen Output Multiplier		
3000K	1.06	

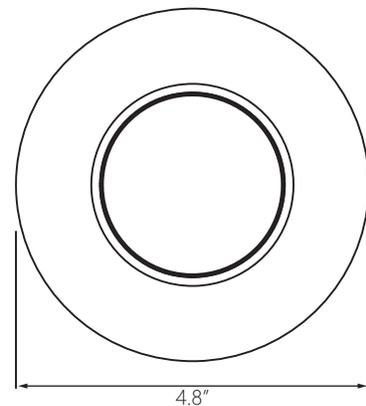
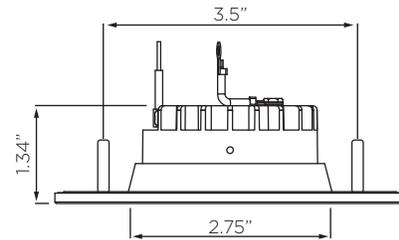
Zonal Lumen Summary		
Zone	Lumens	% of Luminaire
0-30	348.59	31.41
0-40	564.00	50.82
0-60	954.63	86.02
0-90	1107.43	99.79
0-180	1109.97	100.00

## Dimensions

### 4" Flat Lens Downlight



### 4" Regressed Lens Downlight



## Included Hardware

Wire Nuts x3



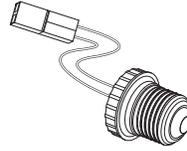
Junction Box Screw x2



Grounding Screw



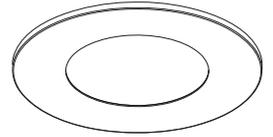
Retrofit Adapter



Butterfly Clip x2

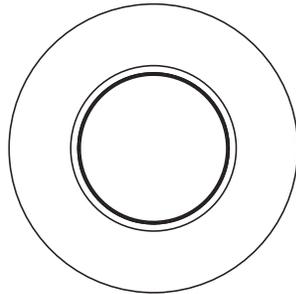


White Metal Trim



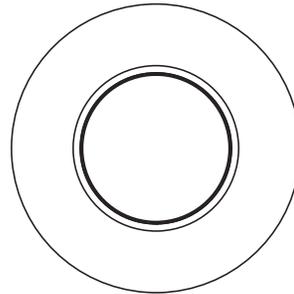
## Additional Accessories (sold separately)

4" Silver Round Magnetic Trim



Catalog #: SF/DTR/RD/4/BK

4" Black Round Magnetic Trim



Catalog #: SF/DTR/RD/4/SL