

Project:	Type:
Product Code:	Date:

V041624



## 8" Round & 18" Linear Surface Mount Downlights

Retrofit

- 8" round area light for lighting smaller spaces including bathrooms, closets and kitchens
- 18" x 4" rectangular area light perfect for narrow applications such as corridors or kitchen islands
- Extends just 0.6 inches below the ceiling plane to minimize visual profile
- Utilizing a compact, integrated driver allows S Series to install into most metallic octagonal and non-metallic round junction boxes

### PHYSICAL

#### Junction Box

4O Octagonal, 4O Round, 3O Round

#### Application

Retrofit

#### Shape

8" Round & 18" x 4" Rectangle

#### Finish

White

### LIGHT OUTPUT & DISTRIBUTION

#### Module

Downlight

#### Lumens (Power)

1500 lm (17.0W)

#### Color Quality

90+ CRI, < 3-step SDCM

#### Color Temperature

2700K  3000K  3500K

#### Optics



General

### RATINGS & CERTIFICATIONS

#### Module

UL Listed for Wet Location

#### Warranty

5 year limited warranty; 50,000 hours

### POWER & CONTROLS

#### Input Voltage

120/277V

#### Dimming

TRIAC/ELV, 0-10V





## PRODUCT BUILDER

### 8" ROUND MODULE

PRODUCT CODE		DIMENSION		SHAPE		LUMENS		CRI		CCT		DRIVER	
<input type="text"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>	
<b>DRD5S</b>	Module	<b>8</b>	8" Diameter	<b>R</b>	Round	<b>15</b>	1500 lm	<b>9</b>	90+ CRI	<b>27</b>	2700K	<b>[Blank]</b>	TRIAC/ELV
										<b>30</b>	3000K	<b>O</b>	0-10V
										<b>35</b>	3500K		

### 18" LINEAR MODULE

PRODUCT CODE		DIMENSION		SHAPE		LUMENS		CRI		CCT		DRIVER	
<input type="text"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>	
<b>DRD5S</b>	Module	<b>4</b>	4" Width	<b>L</b>	Linear	<b>15</b>	1500 lm	<b>9</b>	90+ CRI	<b>27</b>	2700K	<b>[Blank]</b>	TRIAC/ELV
										<b>30</b>	3000K	<b>O</b>	0-10V
										<b>35</b>	3500K		

### MODULE



## DRD5S

8" Round Surface Mount Module

### DRD5S8R

#### SUMMARY

**LED:** Optimized LED array

**SHAPE:** 8" round

**MODULE LUMENS:** 1500 lm (17W)

**COLOR QUALITY:** 90+ CRI, less than 3-step SDCM

**CCT:** 2700K, 3000K, 3500K

**INPUT VOLTAGE:** 120/277V

**\*\*DIMMING:** Down to less than 5% for TRIAC/ELV at 120V, 1% for 0-10V at 120/277V

**MAX INPUT CURRENT (120V):** 0.15 amps

**MAX INPUT CURRENT (277V):** 0.06 amps

**POWER FACTOR:** Greater than 0.9

**TOTAL HARMONIC DISTORTION:** Less than 20%

**AMBIENT OPERATING TEMPERATURE:** -20°C to 40°C

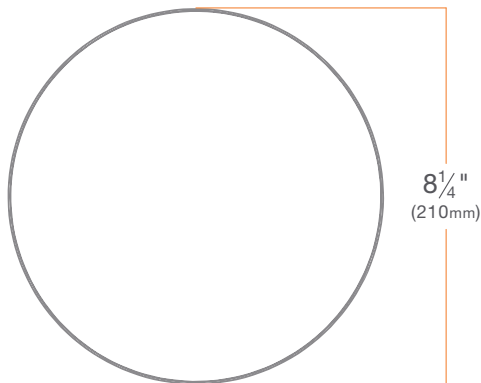
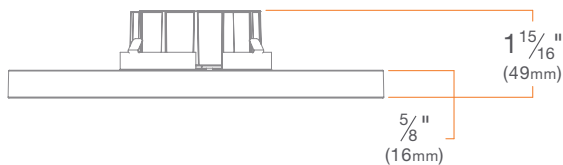
**PHOTOMETRIC TESTING:** Tested in accordance to IESNA LM-79-2008

**TRIM:** Edgeless die-cast aluminum

**LISTINGS:** ENERGY STAR® Qualified\*, California Title 24 2016-2022 JA8-E Compliant, UL Listed for Wet Location, UL Certified US·CA

**LIFETIME:** 50,000 hours at 70% lumen maintenance

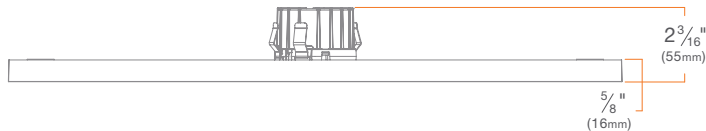
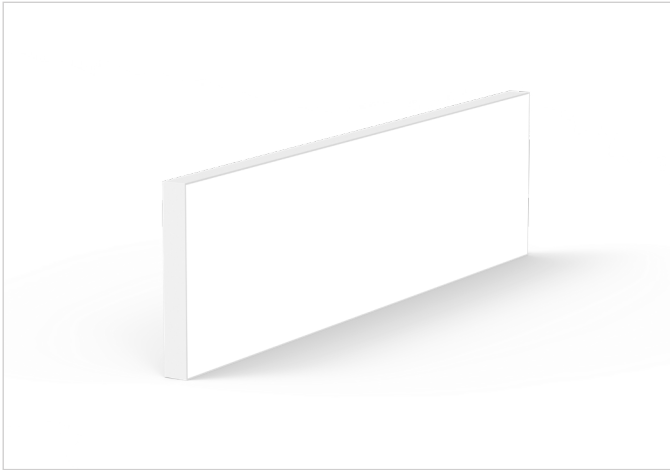
**WARRANTY:** 5 year limited warranty



\* Refer to ENERGY STAR Certified light fixtures database

\*\* Visit [rb.gy/8xj3e](http://rb.gy/8xj3e) to learn more

### MODULE



## DRD5S

18" Linear Surface Mount Module

**DRD5S4L**

### SUMMARY

**LED:** Optimized LED array

**SHAPE:** 18" x 4" rectangle

**MODULE LUMENS:** 1500 lm (17W)

**COLOR QUALITY:** 90+ CRI, less than 3-step SDCM

**CCT:** 2700K, 3000K, 3500K

**INPUT VOLTAGE:** 120/277V

**DIMMING:** Down to less than 5% for TRIAC/ELV at 120V, 1% for 0-10V at 120/277V

**MAX INPUT CURRENT (120V):** 0.15 amps

**MAX INPUT CURRENT (277V):** 0.06 amps

**POWER FACTOR:** Greater than 0.9

**TOTAL HARMONIC DISTORTION:** Less than 20%

**AMBIENT OPERATING TEMPERATURE:** -20°C to 40°C

**PHOTOMETRIC TESTING:** Tested in accordance to IESNA LM-79-2008

**TRIM:** Edgeless die-cast aluminum

**LISTINGS:** ENERGY STAR® Qualified\*, California Title 24 2016-2022 JA8-E Compliant, UL Listed for Wet Location, UL Certified US-CA

**LIFETIME:** 50,000 hours at 70% lumen maintenance

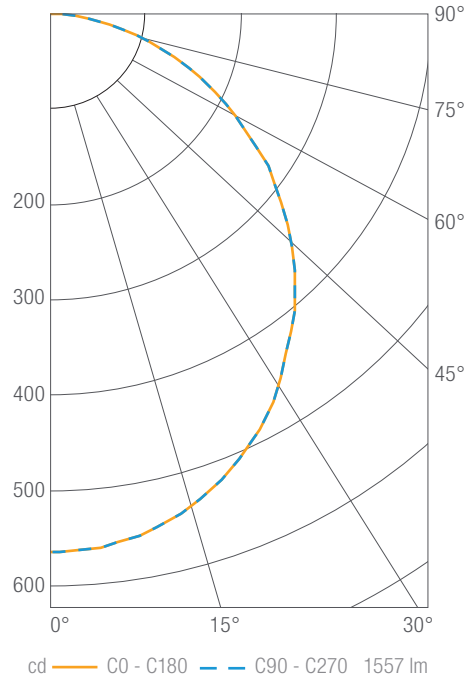
**WARRANTY:** 5 year limited warranty

\* Refer to ENERGY STAR Certified light fixtures database

PHOTOMETRY

DRD5S 8" Round, 1500 lm, 90+ CRI, 3000K

DRD5S8R15930



Luminous Intensity

Gamma	C 0°
0°	567
5°	564
10°	556
15°	542
20°	523
25°	499
30°	469
35°	433
40°	400
45°	360
50°	318
55°	279
60°	232
65°	189
70°	145
75°	100
80°	57
85°	25
90°	2

Values in candela

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	436	28
0-40	708	46
0-60	1234	79
0-90	1557	100
0-180	1557	100

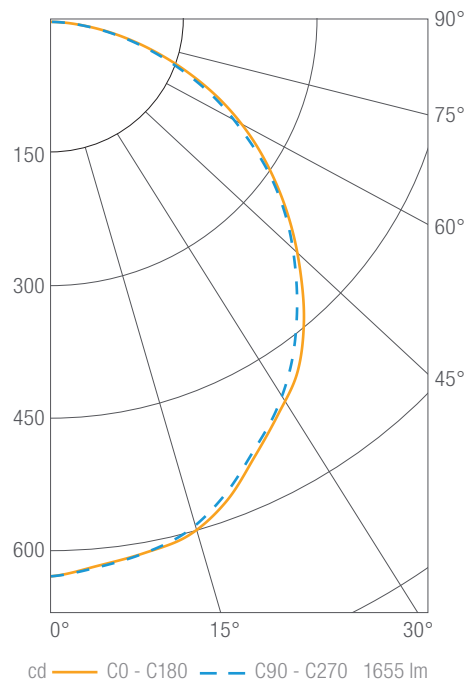
Illuminance Chart

Distance from LED	Foot Candles	Diameter
3.0'	63	8.4'
6.0'	16	16.8'
9.0'	7	25.1'
12.0'	4	33.5'

Beam Angle: 110°

DRD5S 18" Linear, 1500 lm, 90+ CRI, 3000K

DRD5S4L15930



Luminous Intensity

Gamma	C 0°
0°	611
5°	602
10°	594
15°	586
20°	563
25°	530
30°	500
35°	473
40°	434
45°	389
50°	344
55°	300
60°	255
65°	208
70°	158
75°	110
80°	66
85°	26
90°	3

Values in candela

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	467	28
0-40	756	46
0-60	1315	79
0-90	1655	100
0-180	1655	100

Illuminance Chart

Distance from LED	Foot Candles	Dimension
3.0'	68	8.4'
6.0'	17	16.7'
9.0'	8	25.1'
12.0'	4	33.4'

Beam Angle: 108°

## JUNCTION BOX COMPATIBILITY

---

### Recommended Junction Boxes

Junction Box	Minimum Depth	Minimum Volume	Through-Wire Ratings
4O Octagonal Junction Box (metallic)	2 1/8"	21.5 in <sup>3</sup>	6 (three in, three out) #12 AWG
3O Round Junction Box (non-metallic)	2 3/4"	18 in <sup>3</sup>	6 (three in, three out) #12 AWG
4O Round Junction Box (non-metallic)	2 3/16"	20 in <sup>3</sup>	6 (three in, three out) #12 AWG