

Project:	Type:
Product Code:	Date:

V122425



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

MAINTENANCE

Driver fully embedded within the module for replacement at the ceiling plane

POWER & CONTROLS

Input Voltage

120/277V

Dimming

TRIAC/ELV, 0-10V



PRODUCT BUILDER

8" ROUND MODULE

EXAMPLE: DRD5S8R15927O

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

18" LINEAR MODULE

EXAMPLE: DRD5S4L15927O

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

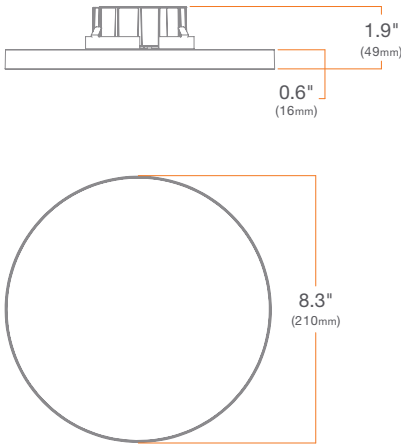
JUNCTION BOX COMPATIBILITY

Recommended Junction Boxes

Junction Box	Minimum Depth	Minimum Volume	Through-Wire Ratings
4O Octagonal Junction Box (metallic)	2 1/8"	21.5 in³	6 (three in, three out) #12 AWG
3O Round Junction Box (non-metallic)	2 3/4"	18 in³	6 (three in, three out) #12 AWG
4O Round Junction Box (non-metallic)	2 3/16"	20 in³	6 (three in, three out) #12 AWG



MODULE



PERFORMANCE SUMMARY

	STATIC CCT
CCT	2700K, 3000K, 3500K
LUMENS (POWER)	1500 lm (17W)
COLOR QUALITY	90+ CRI, less than 3-step SDCM
DIMMING ¹	Down to less than 5% for TRIAC/ELV at 120V, 1% for 0-10V at 120/277V
LED CHIP	Bridgelux
LISTINGS	ENERGY STAR® Qualified ² , California Title 24 2016-2022 JA8-E Compliant, UL Listed for Wet Location, UL Certified US-CA

¹ Visit rb.gy/8xj3e to learn more
² Refer to ENERGY STAR Certified light fixtures database

ADDITIONAL

INPUT VOLTAGE: 120/277V

MAX INPUT CURRENT (120V): 0.15 amps

MAX INPUT CURRENT (277V): 0.06 amps

EMERGENCY LIGHTING: Optional Emergency LED Driver with Integrated Test Switch for lighting up to 90 minutes in event of power failure

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

POWER FACTOR: Greater than 0.9

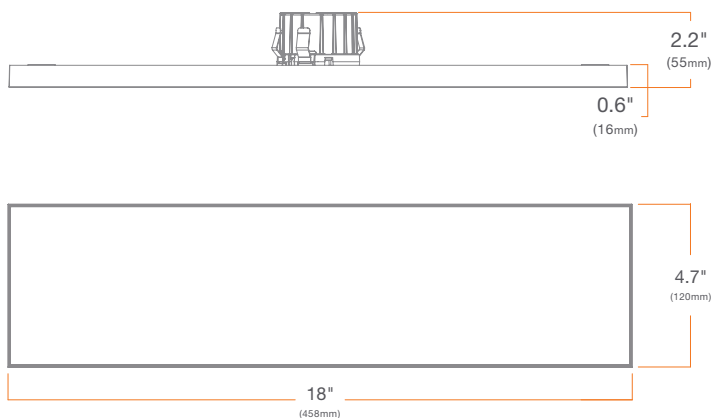
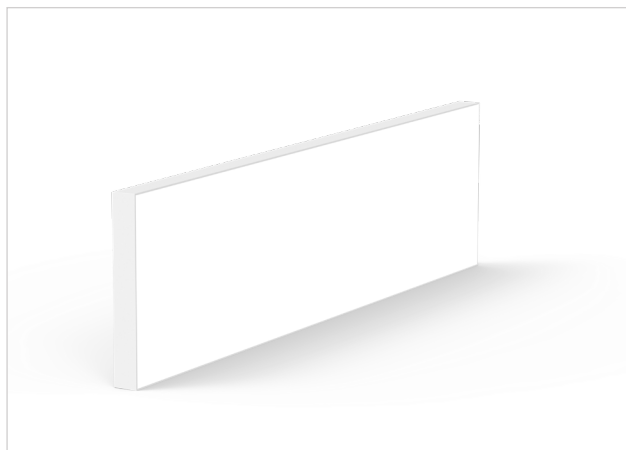
TRIM: Edgeless die-cast aluminum

TOTAL HARMONIC DISTORTION: Less than 20%

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

WARRANTY: 5 year limited warranty; 50,000 hours at 70% lumen maintenance

MODULE



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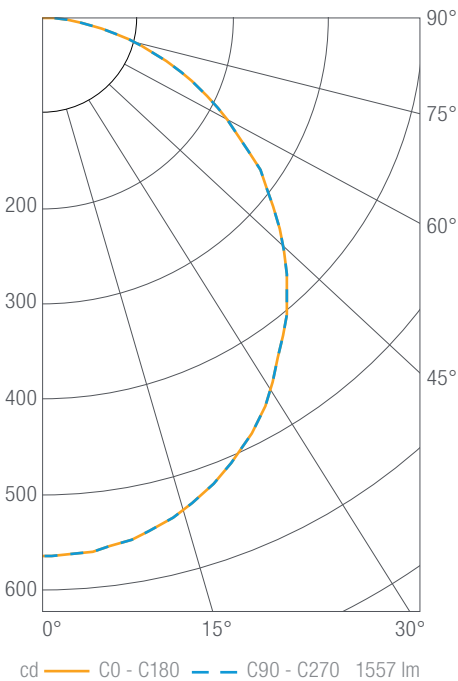
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PHOTOMETRY

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

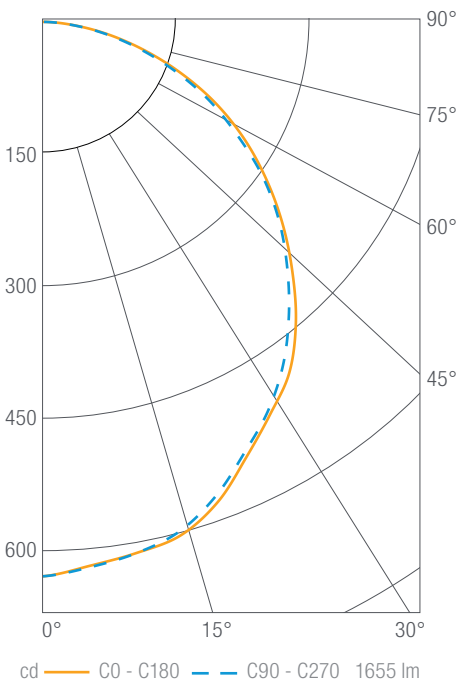
Zone	Lumens	Luminaire %
0-30	436	28
0-40	708	46
0-60	1234	79
0-90	1557	100
0-180	1557	100

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°