

Project:	Type:
Product Code:	Date:

V 030526



8" Round & 18" Linear Surface Mount Downlights

F4NC 4" New Construction
Fire Rated/Fan Rated Shallow Junction Box

- 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" below the ceiling plane to minimize visual profile
- Features multiple ratings to meet the demands of a wide range of situations

INSTALLATION

Ceiling Thickness

SurfaceFrame: 0" up to 1 1/2"

SurfaceFrame (Emergency): 1/2" up to 1 1/4"

Ceiling Material

Drywall

PHYSICAL

Housing

4" Round Junction Box

Application

New Construction

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

POWER & CONTROLS

Input Voltage

120V only (TRIAC/ELV), 120/277V (0-10V)

Dimming

TRIAC/ELV (5%), 0-10V (1%)

Emergency Lighting

Optional Emergency LED Driver with Remote Test Switch for lighting up to 90 minutes in event of power failure

RATINGS & CERTIFICATIONS

Housing

- IC (Insulation Contact) Rated
- ASTM E283 Certified Air Tight
- Code compliant for use in fire-rated assemblies up to a maximum of 2-hours
- STC/IIC Sound Rated
- RoHS Compliant
- Fan Rated up to 35lbs

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





DMF LightSpeed
 Our Quickest Shipping Selections are Highlighted for shipping in 2 days or less
 All other items qty 100 or less ship in 5 days or less (custom color & premium metalized finishes excluded)

S Series

8" Round & 18" Linear Surface Mount Downlights

PRODUCT BUILDER - TRIAC/ELV, 0-10V

HOUSING

F4NC	4" New Construction Fire Rated/Fan Rated Shallow Junction Box
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8" ROUND MODULE

EXAMPLE: **DRD5S8R159270**

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: **DRD5S4L159270**

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	

PRODUCT BUILDER - EMERGENCY LIGHTING

HOUSING

F4NC150EMS	4" New Construction Fire Rated Shallow Junction Box, 0-10V, 1500 lm, EM Driver, Remote Test Switch
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8" ROUND MODULE

EXAMPLE: **DRD5S8R15927A**

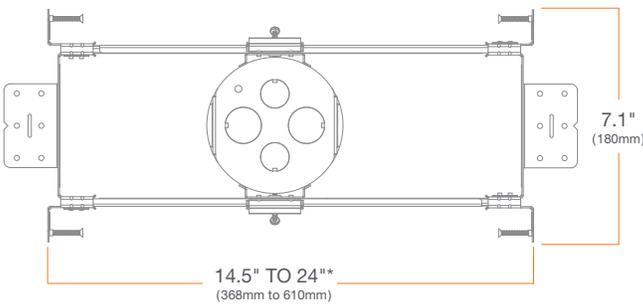
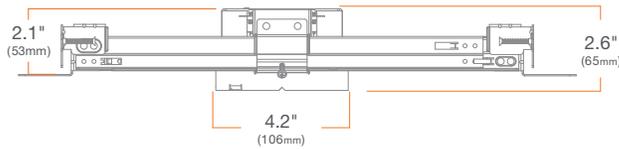
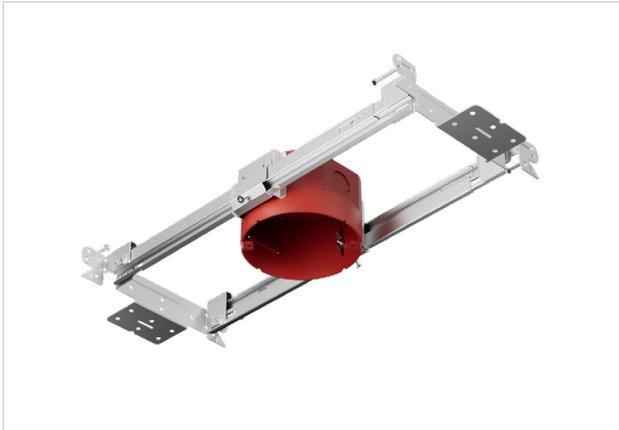
PRODUCT CODE	DIMENSION	SHAPE	LUMENS	CRI	CCT	DRIVER
DRD5S	8	R	15	9		
DRD5S Module	8 8" Diameter	R Round	15 1500 lm	9 90+ CRI	27 2700K	A Alternate
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18" LINEAR MODULE

EXAMPLE: **DRD5S4L15927A**

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	A Alternate
					30 3000K	
					35 3500K	

HOUSING



* Can be field cut to minimum 7 1/2" (191mm)

SurfaceFrame

4" New Construction

Fire Rated/Fan Rated Junction Box

F4NC

SUMMARY

JUNCTION BOX: Equipped with (4) 1/2" trade size knockouts (two side, two top) to allow straight conduit runs. Approved for 6 (three in, three out) #12 AWG 70°C through wiring conductors.

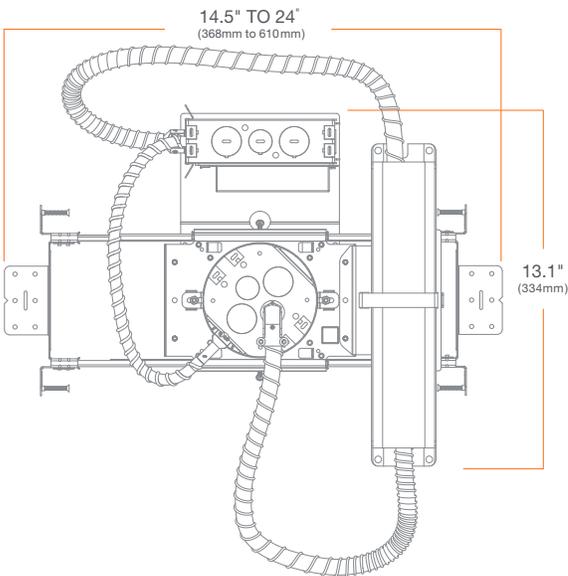
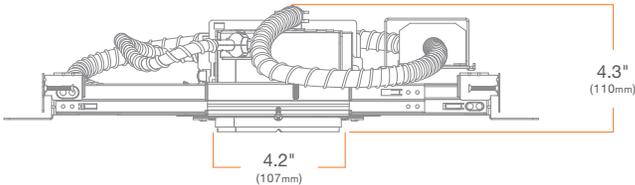
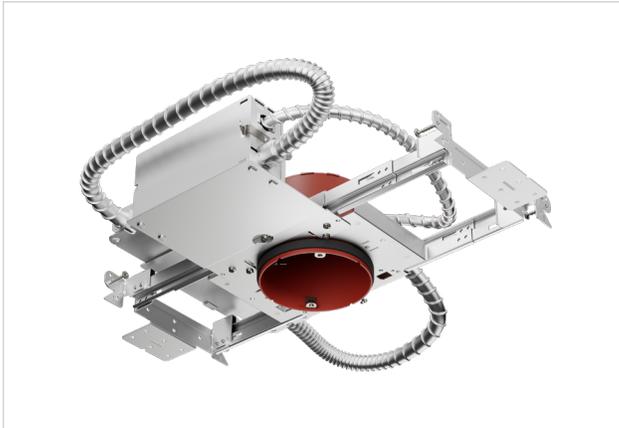
MOUNTING: Pre-installed mounting brackets allow vertical adjustment of bar hangers up to 1"

CEILING: 0 to 1 1/2"

CUTOUT: 4 3/16" (106mm) round opening

LISTINGS: Metallic outlet box certified UL514A, code compliant for use in appropriate fire-rated assemblies for up to 2-hours, STC/IIC Sound Rated, ASTM E283 certified Air Tight, IC (Insulation Contact) rated. Suitable for Use in Air-Handling Space – Complies with UL2043. Fan Rated in the United States for up to 35lbs and 16" spacing only when installed in joist or stud. Must install with all six screws (factory installed).

EMERGENCY HOUSING



* Can be field cut to minimum 9" (229mm)

SurfaceFrame

4" New Construction
 Fire Rated Junction Box with Emergency Lighting
F4NC15OEMS

SUMMARY

JUNCTION BOX: Equipped with (4) 1/2" trade size knockouts (two side, two top) to allow straight conduit runs. Approved for 6 (three in, three out) #12 AWG 70°C through wiring conductors.

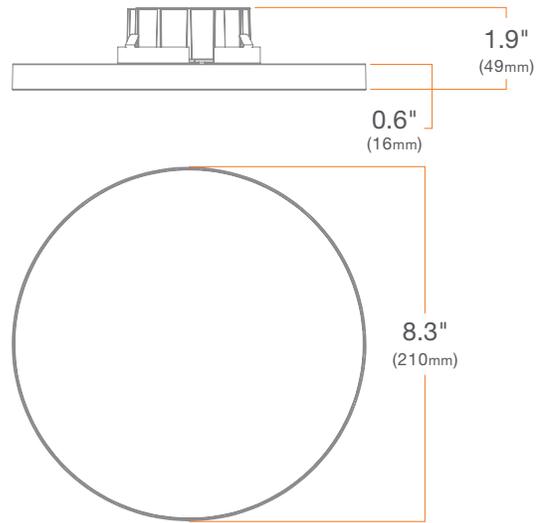
MOUNTING: Pre-installed mounting brackets allow vertical adjustment of bar hangers up to 1"

CEILING: 1/2" up to 1 1/4"

CUTOUT: 4 3/16" (106mm) round opening

LISTINGS: Metallic outlet box certified UL514A, code compliant for use in appropriate fire-rated assemblies for up to 2-hours, STC/IIC Sound Rated, ASTM E283 certified Air Tight, IC (Insulation Contact) rated. Suitable for use in Air-Handling Space - Complies with UL2043.

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 optimized LED array
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 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

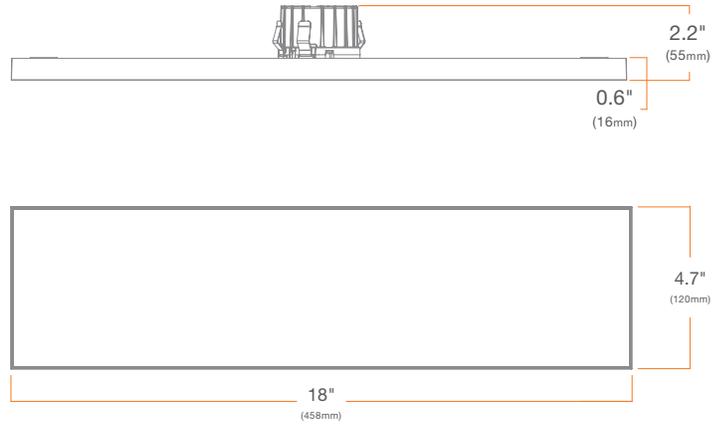
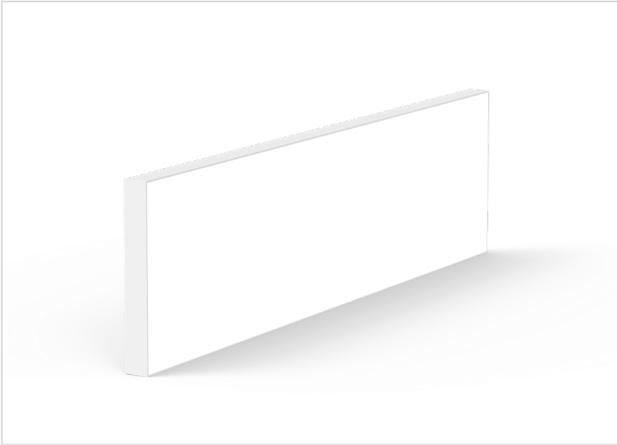
TRIM: Edgeless die-cast aluminum

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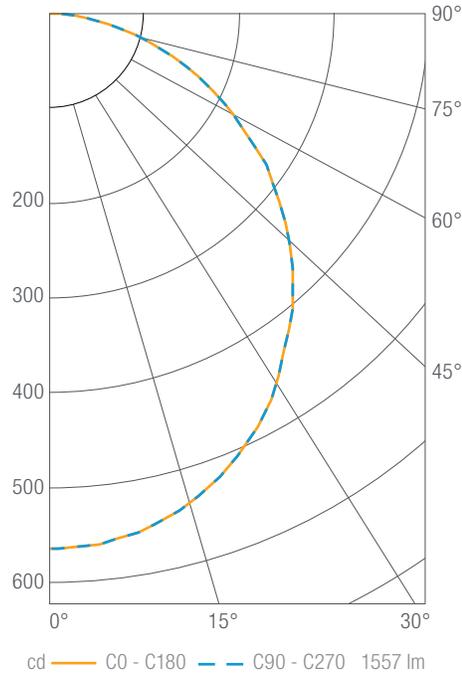
AMBIENT OPERATING TEMPERATURE: -20°C to 40°C

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

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

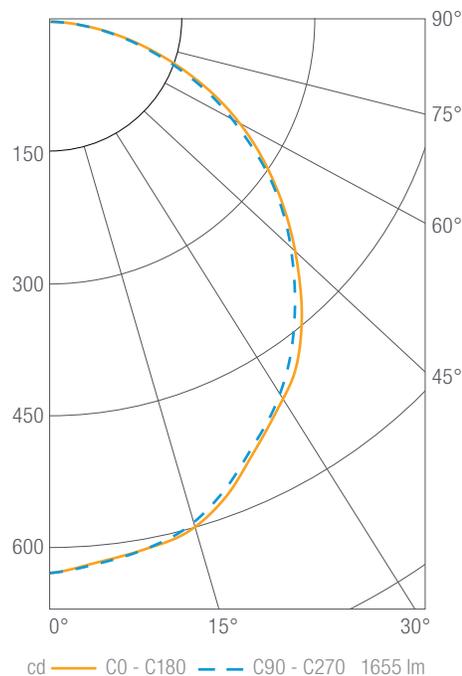
Illuminance Chart

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°