

Project:	Type:
Product Code:	Date:

V082426



Classic Retrofit Trims

1% Dim-to-Dark Retrofit Exceptional high-performance dimming down to 1% in a retrofit, delivering up to 1500 lm at 93 CRI

Reuse Existing Housings Adapters enable touch-safe installation in existing 4", 5", and 6" cans using present wiring—no rewiring or housing replacement needed

Fast & Safe Install Plug-and-play setup, an embedded driver, and Twist & Lock trims ensure quick, tool-free installation

INSTALLATION

Application

Retrofit

Aperture

4", 5", 6"

TRIMS

Shape

Round

Style

Beveled, Baffle

Finish

White, Black

LIGHT OUTPUT & DISTRIBUTION

Adjustment

360° directional aim, 45° tilt

Lumens (Power)

750 lm (9.5W), 1000 lm (12.5W), 1250 lm (14.3W), 1500 lm (14.3W)

Color Quality

93 CRI, 2-step SDCM

Color Temperature

- 2400K
- 2700K
- 3000K
- 3500K
- 4000K
- Warm Dim (3000K–1800K)

Beam Spread

- 15°
Narrow Spot
- 25°
Spot
- 40°
Flood
- 60°
Wide Flood
- 90°+
General
- Linear
Spread
- Soft
Focus

POWER & CONTROLS

Input Voltage

120 / 277V

Dimming

TRIAC/ELV (1%)

RATINGS & CERTIFICATIONS

Module

- UL Listed for Wet Location ¹
- RoHS Compliant
- NSF Listed ¹
- DarkSky Approved ²

¹ Downlight Only
² CCT less than or equal to 3000K

WARRANTY

5 year limited warranty; 50,000 hours

MAINTENANCE

The driver and LED chip are embedded within the module for fully touch safe replacement from below the ceiling.





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 excluded)

M Series

Classic Retrofit Trims

PRODUCT BUILDER

4" MODULE - DOWNLIGHT OPTION

EXAMPLE: **DRD2M07927GAT**

PRODUCT CODE		LUMENS		CRI		CCT		BEAM SPREAD		DIMMING	
DRD2M				9						T	
DRD2M	Downlight	07	750 lm	9	93 CRI	24	2400K ¹	GA	General Ambient (90°+)	T	TRIAC/ELV
		10	1000 lm			27	2700K	NS	Narrow Spot (15°) ³		
		12	1250 lm			30	3000K	SP	Spot (25°)		
		15	1500 lm			35	3500K	FL	Flood (40°)		
						40	4000K	WF	Wide Flood (60°)		
						3W	Warm Dim (3000K– 1800K) ²	LS	Linear Spread (40° x 20°)		
								SF	Soft Focus		

4" MODULE - ADJUSTABLE OPTION

PRODUCT CODE		LUMENS		CRI		CCT		BEAM SPREAD		FINISH		DIMMING	
DRD4M				9								T	
DRD4M	Adjustable	07	750 lm	9	93 CRI	24	2400K	NS	Narrow Spot (15°) ³	[Blank]	Black	T	TRIAC/ELV
		10	1000 lm			27	2700K	SP	Spot (25°)	W	White		
						30	3000K	FL	Flood (40°)				
						35	3500K	LS	Linear Spread (40° x 20°)				
						40	4000K	SF	Soft Focus				
						3W	Warm Dim (3000K– 1800K) ²	NH	Narrow Spot w/ Hex Louver ³				
								SH	Spot w/ Hex Louver				
								FH	Flood w/ Hex Louver				

RETROFIT TRIM

EXAMPLE: **DRD2TR4SWH**

PRODUCT CODE		SIZE		STYLE		FINISH	
DRD2TR							
DRD2TR	Retrofit Trim	4	4" Aperture	S	Beveled	WH	White
		5	5" Aperture	B	Baffle ⁴	BK	Black
		6	6" Aperture				

ADAPTOR (OPTIONAL)

EXAMPLE: **DRD2X-QCM-ED**

PRODUCT CODE	
DRD2X-QCM-ED	Edison Adaptor
DRD2X-QCM-GU	GU-24 Adaptor
DRD2X-QCM-M	PowerPlug Luminaire Disconnect Male Adaptor
M4KJBADAPTORT	Non-IC Junction Box Adaptor (TRIAC/ELV)

¹ Only available in 750 or 1000lm

³ Not available in Warm Dim CCT

² Only available in 1000 lm

⁴ Only available in White Finish



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All other items qty 100 or less ship in 5 days or less (custom color excluded)

M Series

Classic Retrofit Trims

PRODUCT BUILDER

4" DOWNLIGHT LOOSE OPTIC ACCESSORIES

EXAMPLE: **DRD2X-GA**

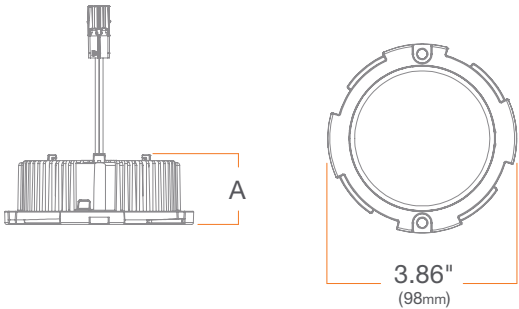
PRODUCT CODE	
DRD2X-GA	Conversion Kit: 4" Downlight Module to General Abient (90°+)
DRD2X-NS	Narrow Spot (15°)
DRD2X-SP	Spot (25°)
DRD2X-FL	Flood (40°)
DRD2X-WF	Wide Flood (60°)
DRD2X-LS	Linear Spread (40° x 20°)
DRD2X-SF	Soft Focus
DRD2X-OP	Optics Kit: Narrow Spot (15°), Spot (25°), Flood (40°), Wide Flood (60°), Linear Spread (40° x 20°), Soft Focus

4" ADJUSTABLE LOOSE OPTIC ACCESSORIES

EXAMPLE: **DRD4X-NS**

PRODUCT CODE	
DRD4X-NS	Narrow Spot (15°)
DRD4X-SP	Spot (25°)
DRD4X-FL	Flood (40°)
DRD4X-LS	Linear Spread (60° x 30°)
DRD4X-SF	Soft Focus
DRD4X-OP	Optics Kit: Narrow Spot (15°), Spot (25°), Flood (40°), Linear Spread (60° x 30°), Soft Focus

DOWNLIGHT MODULE



Measurements	A
Standard	1 7/16" [37 mm]

SUMMARY

	STATIC CCT	WARM DIM
CCT	2400K, 2700K, 3000K, 3500K, 4000K	3000K - 1800K
LUMENS (POWER)	750 lm (9.5W), 1000 lm (12.5W), 1250 lm (14.3W), 1500 lm (14.3W)	1000 lm (12.5W)
EFFICACY	79 lm/W, 80 lm/W, 87 lm/W, 105 lm/W	80 lm/W
COLOR QUALITY	93 CRI ¹ , 2-step SDCM	93 CRI ¹ , 2-step SDCM
BEAM SPREAD	General Ambient (90°+), Narrow Spot (15°), Spot (25°), Flood (40°), Wide Flood (60°), Linear Spread (40° x 20°), Soft Focus	General Ambient (90°+), Spot (25°), Flood (40°), Wide Flood (60°), Linear Spread (40° x 20°), Soft Focus
DIMMING	TRIAC/ELV ²	TRIAC/ELV ²
LED CHIP	Bridgelux (2400K) Cree (All other CCT)	Bridgelux
LISTINGS	ENERGY STAR® qualified ³ , California Title 24 2016-2022 JA8-E compliant, UL Listed for Wet Location, UL Certified US-CA, Declare, RoHS compliant, Shatter-resistant construction, Dark Sky Approved ⁴ , Compliant to FCC Title 47 Part 15; Class B, NSF/ANSI 2 listed, suitable for splash-zone	

¹ Tested in accordance to IESNA LM-79-2008
² Dimming at 120V Only
³ Refer to ENERGY STAR Certified light fixtures database
⁴ DarkSky Approved is only applicable to CCT Options less than or equal to 3000K

ADDITIONAL

INPUT VOLTAGE: 120/277V, 50/60Hz

MAX INPUT CURRENT (120V): 0.13 amps

MAX INPUT CURRENT (277V): 0.065 amps

CONNECTOR: PowerPlug® Luminaire Disconnect Model 182

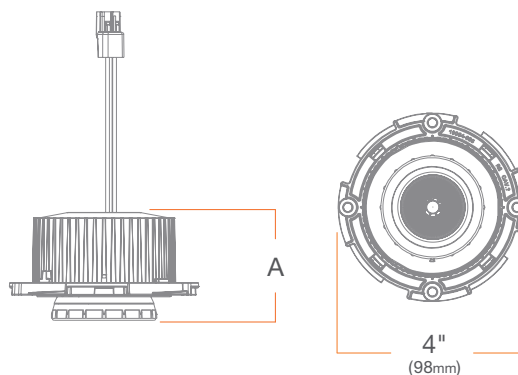
POWER FACTOR: Greater than 0.9

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

ADJUSTABLE MODULE



Measurements

Standard

A

2 3/8" [60 mm]

SUMMARY

	STATIC CCT	WARM DIM
CCT	2400K, 2700K, 3000K, 3500K, 4000K	3000K - 1800K
LUMENS (POWER)	750 lm (9.5W), 1000 lm (12.5W),	1000 lm (12.5W)
EFFICACY	79 lm/W, 80 lm/W	80 lm/W
COLOR QUALITY	93 CRI ¹ , 2-step SDCM	93 CRI ¹ , 2-step SDCM
BEAM SPREAD	Narrow Spot (15°), Spot (25°), Flood (40°), Linear Spread (60° x 30°), Soft Focus	Spot (25°), Flood (40°), Linear Spread (60° x 30°), Soft Focus
DIMMING	TRIAC/ELV ²	TRIAC/ELV ²
LED CHIP	Bridgelux (2400K) Cree (All other CCT)	Bridgelux
LISTINGS	ENERGY STAR® qualified ³ , California Title 24 2016-2022 JA8-E compliant, UL Listed for Damp Location, UL Certified US-CA, Declare, RoHS compliant, Shatter-resistant construction, Dark Sky Approved ⁴ , Compliant to FCC Title 47 Part 15; Class B	
ADJUSTMENT	360° directional aim, 45° tilt	
SLOPE CEILING COMPATIBILITY	Up to 45°	

¹ Tested in accordance to IESNA LM-79-2008

² Dimming at 120V Only

³ Refer to ENERGY STAR Certified light fixtures database

⁴ DarkSky Approved is only applicable to CCT Options less than or equal to 3000K

ADDITIONAL

INPUT VOLTAGE: 120/277V, 50/60Hz

MAX INPUT CURRENT (120V): 0.13 amps

MAX INPUT CURRENT (277V): 0.065 amps

CONNECTOR: PowerPlug® Luminaire Disconnect Model 182

POWER FACTOR: Greater than 0.9

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

TRIMS



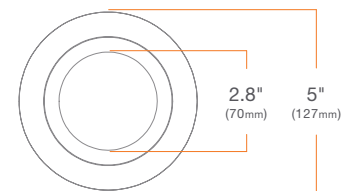
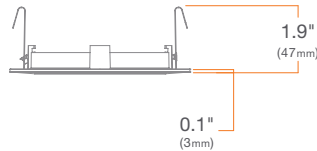
Classic Trims

DRD2T

CONSTRUCTION: Die-cast aluminum

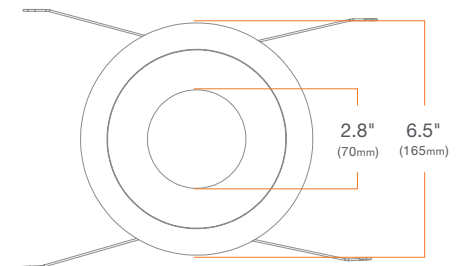
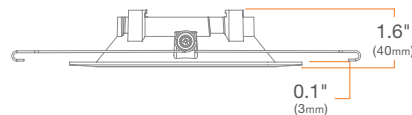
4" Round Trim

Beveled: **DRD2TR4SWH**
Baffle: **DRD2TR4BWH**



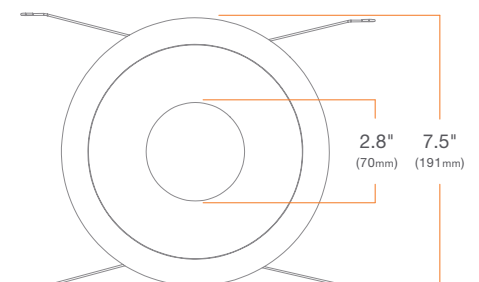
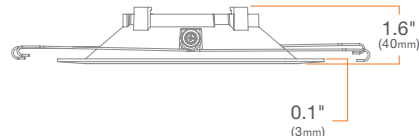
5" Round Trim

Beveled: **DRD2TR5SWH**
Baffle: **DRD2TR5BWH**

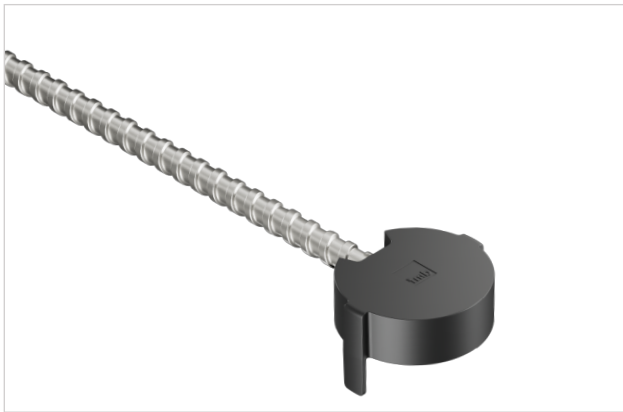


6" Round Trim

Beveled: **DRD2TR6SWH**
Baffle: **DRD2TR6BWH**



JUNCTION BOX ADAPTOR

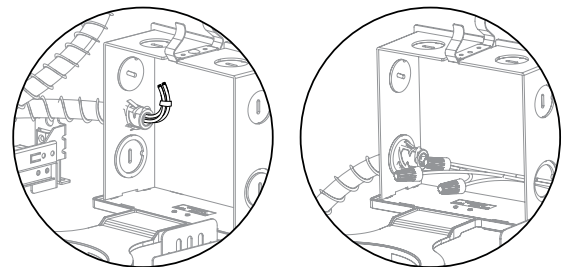
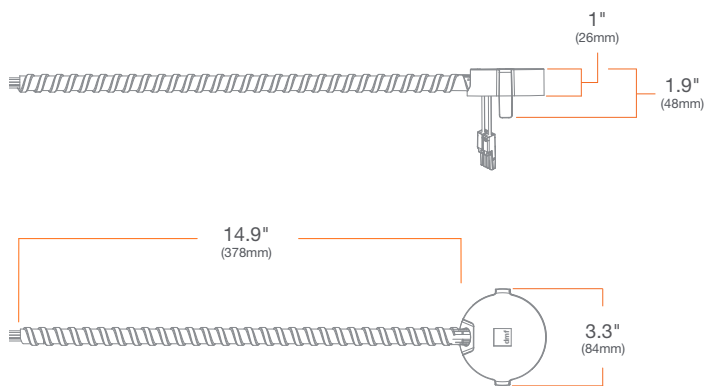


Junction Box Adaptor

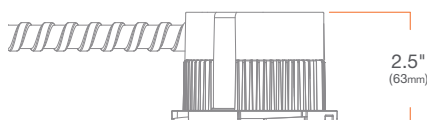
M4KJBADAPTORT

SUMMARY

AC CONNECTOR: Power Plug Luminaire Disconnect Model 182 (TRIAC/ELV)



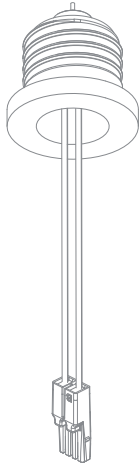
Total Height with Cap



ADAPTOR

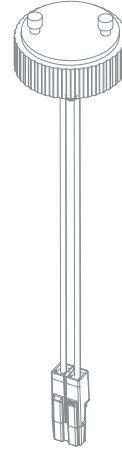
Edison Adaptor

DRD2X-QCM-ED



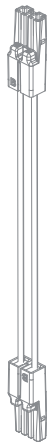
GU-24 Adaptor

DRD2X-QCM-GU



Male IDEAL PowerPlug® Adaptor

DRD2X-QCM-M



Hardwire Adapter

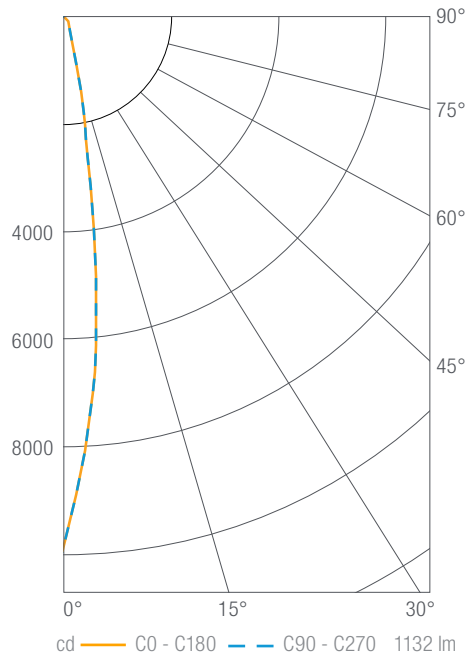
DRD2X-QCM-HW



PHOTOMETRY - DOWNLIGHT

DRD2 1000 lm, 3000K, Narrow Spot

DRD2M10930NS



Luminous Intensity

Gamma	C 0°
0°	9823
5°	6600
10°	2335
15°	734
20°	357
25°	244
30°	195
35°	159
40°	116
45°	85
50°	61
55°	42
60°	28
65°	16
70°	7
75°	4
80°	2
85°	1
90°	0

Values in candela

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	906	80
0-40	1004	89
0-60	1110	98
0-90	1131	100
0-180	1132	100

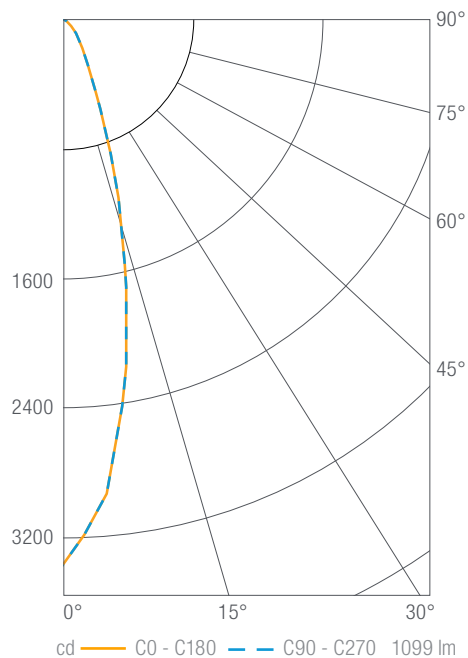
Illuminance Chart

Distance from LED	Foot Candles	Diameter
3'	1091	0.7'
6'	273	1.5'
9'	121	2.2'
12'	68	2.9'

Beam Angle: 14°

DRD2 1000 lm, 3000K, Spot

DRD2M10930SP



Luminous Intensity

Gamma	C 0°
0°	3366
5°	2967
10°	2203
15°	1391
20°	775
25°	419
30°	248
35°	167
40°	119
45°	87
50°	62
55°	43
60°	26
65°	15
70°	7
75°	4
80°	2
85°	1
90°	0

Values in candela

Zonal Lumen Summary

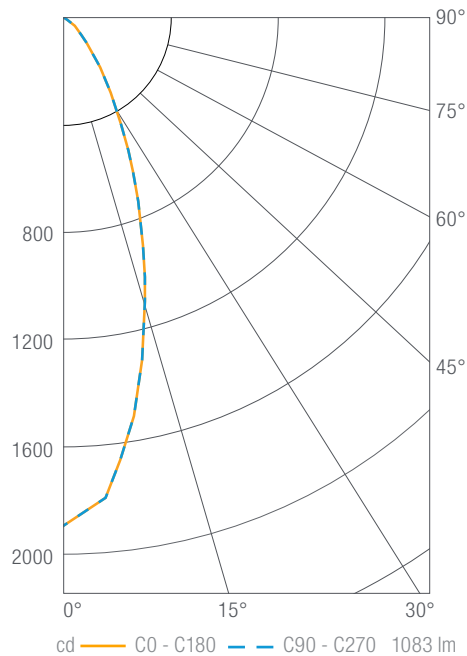
Zone	Lumens	Luminaire %
0-30	862	78
0-40	971	88
0-60	1078	98
0-90	1098	100
0-180	1099	100

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3'	374	1.4'
6'	93	2.8'
9'	42	4.2'
12'	23	5.6'

Beam Angle: 26°

PHOTOMETRY - DOWNLIGHT

DRD2 1000 lm, 3000K, Flood**DRD2M10930FL**

Luminous Intensity

Gamma	C 0°
0°	1890
5°	1792
10°	1503
15°	1161
20°	849
25°	589
30°	391
35°	256
40°	162
45°	107
50°	74
55°	51
60°	30
65°	18
70°	8
75°	5
80°	3
85°	1
90°	0

Values in candela

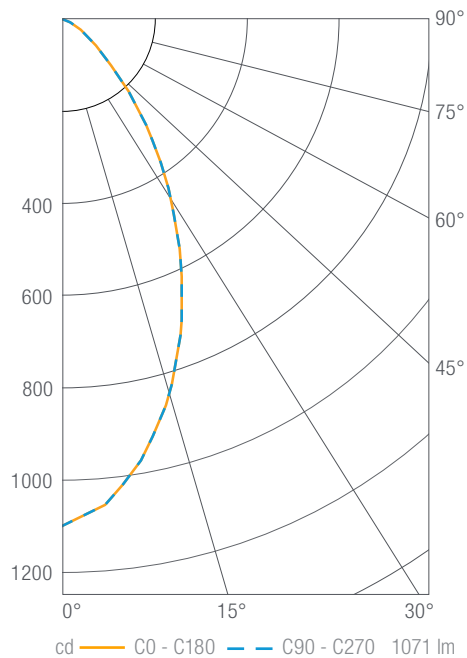
Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	760	70
0-40	925	85
0-60	1058	98
0-90	1081	100
0-180	1083	100

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3'	210	2.0'
6'	52	4.0'
9'	23	6.0'
12'	13	8.0'

Beam Angle: 37°

DRD2 1000 lm, 3000K, Wide Flood**DRD2M10930WF**

Luminous Intensity

Gamma	C 0°
0°	1100
5°	1058
10°	973
15°	866
20°	743
25°	609
30°	478
35°	361
40°	252
45°	161
50°	102
55°	68
60°	41
65°	24
70°	11
75°	6
80°	4
85°	2
90°	0

Values in candela

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	620	58
0-40	845	79
0-60	1037	97
0-90	1069	100
0-180	1071	100

Illuminance Chart

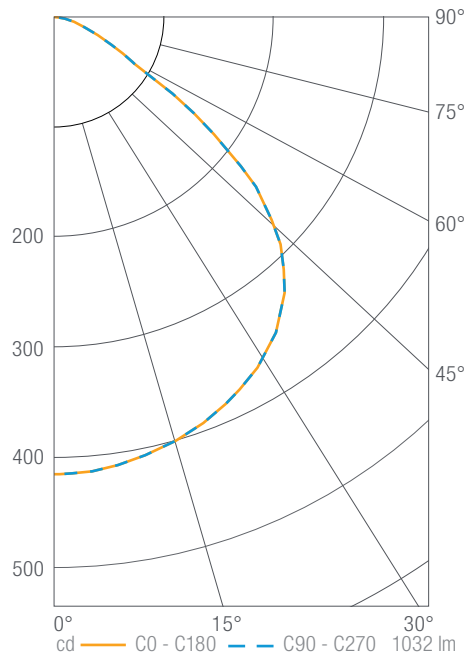
Distance from LED	Foot Candles	Diameter
3'	122	3.1'
6'	31	6.2'
9'	14	9.3'
12'	8	12.3'

Beam Angle: 55°

PHOTOMETRY - DOWNLIGHT

DRD2 1000 lm, 3000K, General Ambient

DRD2M10930GA



Luminous Intensity

Gamma	C 0°
0°	416
5°	415
10°	410
15°	403
20°	394
25°	382
30°	369
35°	351
40°	327
45°	291
50°	240
55°	162
60°	84
65°	54
70°	33
75°	21
80°	12
85°	6
90°	1

Values in candela

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	333	32
0-40	557	54
0-60	942	91
0-90	1024	99
0-180	1032	100

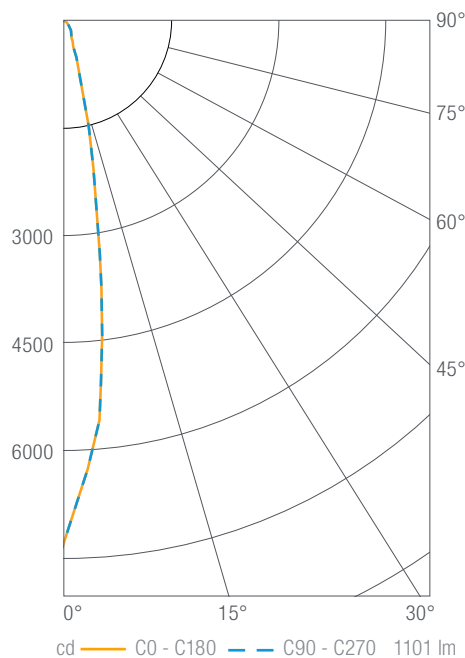
Illuminance Chart

Distance from LED	Foot Candles	Diameter
3'	46	7.8'
6'	12	15.5'
9'	5	23.3'
12'	3	31.1'

Beam Angle: 100°

DRD2 1000 lm, 3000K, Soft Focus

DRD2M10930SF



Luminous Intensity

Gamma	C 0°
0°	7280
5°	5603
10°	2489
15°	875
20°	381
25°	247
30°	194
35°	161
40°	122
45°	90
50°	64
55°	45
60°	28
65°	16
70°	7
75°	4
80°	2
85°	1
90°	0

Values in candela

Zonal Lumen Summary

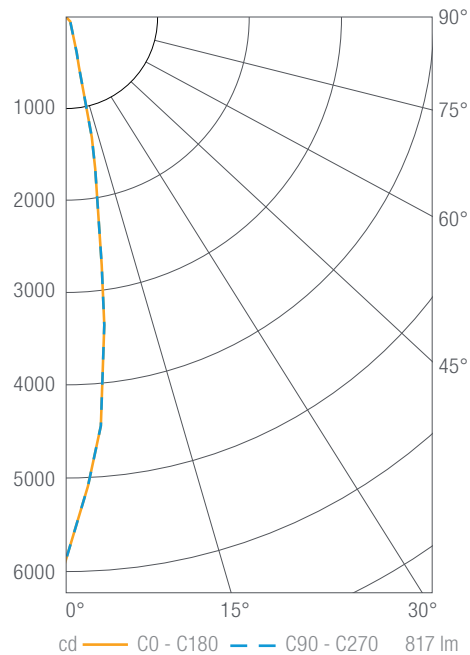
Zone	Lumens	Luminaire %
0-30	868	79
0-40	968	88
0-60	1078	98
0-90	1100	100
0-180	1101	100

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3'	809	0.9'
6'	202	1.7'
9'	90	2.6'
12'	51	3.4'

Beam Angle: 16°

PHOTOMETRY - ADJUSTABLE

DRD4 750 lm, 3000K, Narrow Spot**DRD4M07930NS**

Luminous Intensity

Gamma	C 0°
0°	5897
5°	4418
10°	1911
15°	561
20°	280
25°	165
30°	117
35°	87
40°	69
45°	57
50°	47
55°	38
60°	31
65°	23
70°	16
75°	10
80°	4
85°	1
90°	0

Values in candela

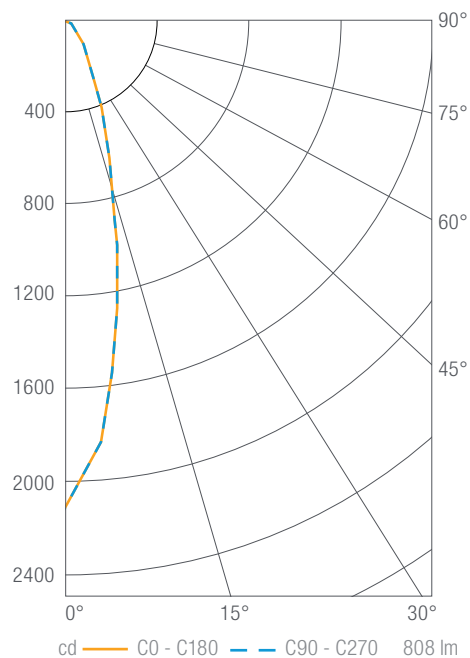
Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	645	79
0-40	701	86
0-60	781	96
0-90	817	100
0-180	817	100

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3'	655	0.8'
6'	164	1.7'
9'	73	2.5'
12'	41	3.3'

Beam Angle: 16°

DRD4 750 lm, 3000K, Spot**DRD4M07930SP**

Luminous Intensity

Gamma	C 0°
0°	2105
5°	1826
10°	1282
15°	800
20°	497
25°	310
30°	201
35°	137
40°	98
45°	73
50°	57
55°	45
60°	35
65°	23
70°	12
75°	5
80°	3
85°	2
90°	0

Values in candela

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	573	71
0-40	668	83
0-60	773	96
0-90	808	100
0-180	808	100

Illuminance Chart

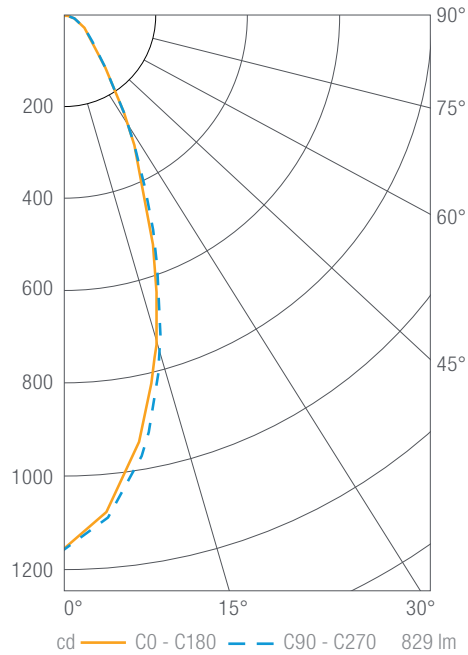
Distance from LED	Foot Candles	Diameter
3'	234	1.3'
6'	58	2.6'
9'	26	3.9'
12'	15	5.2'

Beam Angle: 28°

PHOTOMETRY - ADJUSTABLE

DRD4 750 lm, 3000K, Flood

DRD4M07930FL



Luminous Intensity

Gamma	C 0°
0°	1158
5°	1081
10°	941
15°	765
20°	576
25°	414
30°	288
35°	192
40°	130
45°	96
50°	76
55°	61
60°	49
65°	38
70°	28
75°	18
80°	10
85°	4
90°	0

Values in candela

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	510	62
0-40	633	76
0-60	766	92
0-90	829	100
0-180	829	100

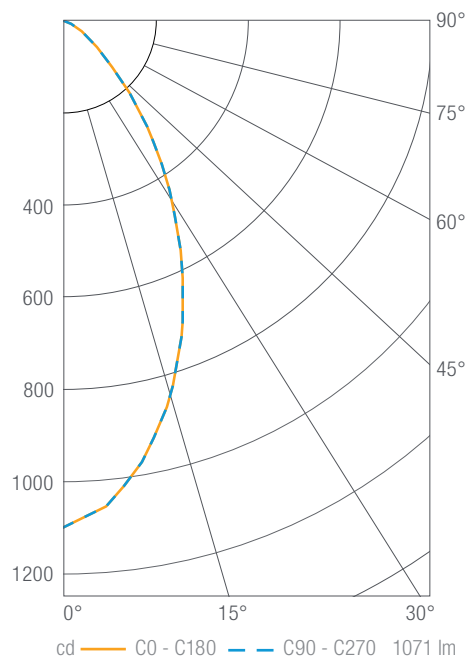
Illuminance Chart

Distance from LED	Foot Candles	Diameter
3'	129	2.2'
6'	32	4.5'
9'	14	6.7'
12'	8	9.0'

Beam Angle: 41°

DRD4 1000 lm, 3000K, Wide Flood

DRD4M10930WF



Luminous Intensity

Gamma	C 0°
0°	1100
5°	1058
10°	973
15°	866
20°	743
25°	609
30°	478
35°	361
40°	252
45°	161
50°	102
55°	68
60°	41
65°	24
70°	11
75°	6
80°	4
85°	2
90°	0

Values in candela

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	620	58
0-40	845	79
0-60	1037	97
0-90	1069	100
0-180	1071	100

Illuminance Chart

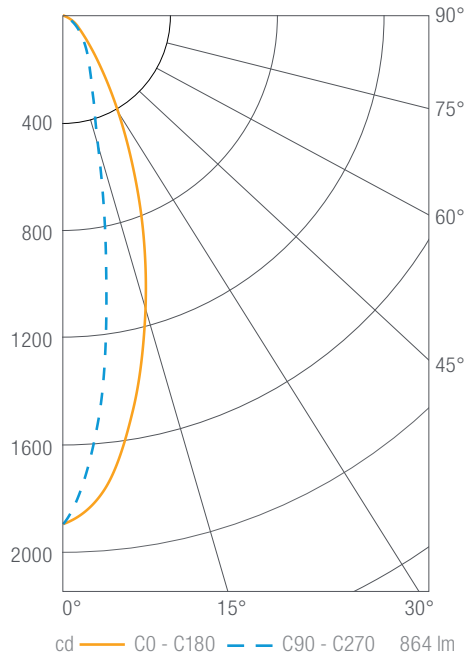
Distance from LED	Foot Candles	Diameter
3'	122	3.1'
6'	31	6.2'
9'	14	9.3'
12'	8	12.3'

Beam Angle: 55°

PHOTOMETRY - ADJUSTABLE

DRD4 1000 lm, 3000K, Linear Spread

DRD4M10930LS



Luminous Intensity

Gamma	C 0°
0°	1876
5°	1755
10°	1480
15°	1165
20°	868
25°	602
30°	399
35°	258
40°	169
45°	114
50°	82
55°	62
60°	43
65°	24
70°	9
75°	6
80°	4
85°	1
90°	0

Values in candela

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	580	67
0-40	711	82
0-60	836	97
0-90	864	100
0-180	864	100

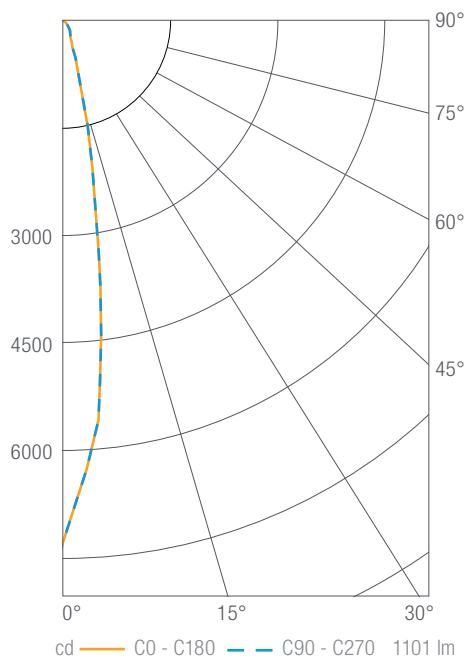
Illuminance Chart

Distance from LED	Foot Candles	Diameter
3'	209	2.1'
6'	52	4.2'
9'	23	6.4'
12'	13	8.5'

Beam Angle: 20°

DRD4 1000 lm, 3000K, Soft Focus

DRD4M10930SF



Luminous Intensity

Gamma	C 0°
0°	7280
5°	5603
10°	2489
15°	875
20°	381
25°	247
30°	194
35°	161
40°	122
45°	90
50°	64
55°	45
60°	28
65°	16
70°	7
75°	4
80°	2
85°	1
90°	0

Values in candela

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	868	79
0-40	968	88
0-60	1078	98
0-90	1100	100
0-180	1101	100

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3'	809	0.9'
6'	202	1.7'
9'	90	2.6'
12'	51	3.4'

Beam Angle: 16°