

Project:	Type:
Product Code:	Date:

V071326



8" to 4" Retrofit Conversion Kit for IC installations

Upgrade the Aesthetic Converts existing 6" - 8" recessed housings to 4" flanged or flangeless fixtures

Precision Lock Collar Ensures flush and secure fit

Architectural-Grade Deep die-cast aluminum trim provide unmatched finish and performance

Enhanced Dimming Smooth, flicker free dimming down to 1% and below with most TRIAC/ELV dimming controls

INSTALLATION

Application *

Retrofit of existing 6" - 8" housings

* Can be used in an existing housing having minimum volume 50 cubic inch or larger.

Ceiling Material

Drywall

TRIMS

Style

Standard, Flangeless, Hyperbolic, Pinhole, Wall Wash/Sloped Ceiling, Decorative

Finish

White, Black, Bronze, Clear Diffuse, Custom Color (RAL Colors)

MAINTENANCE

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

LIGHT OUTPUT & DISTRIBUTION

Module

Downlight, Adjustable

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%, 120V only)

RATINGS & CERTIFICATIONS

Module and Trim

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

¹ Fixed Modules with flanged trims under covered ceilings only

² White and Black finish only

WARRANTY

5 year limited warranty; 50,000 hours



Declare.



DARKSKY APPROVED
Reduces light pollution
Certified by DarkSky.org

PRODUCT BUILDER - ROUND DOWNLIGHT

RETROFIT CONVERSION KIT (ONE KIT REQUIRED PER FIXTURE INSTALLATION)

EXAMPLE: M4KRRETRO

PRODUCT CODE

M4KRRETRO

M4KRRETRO

8" to 4" Retrofit Conversion Kit

4" DOWNLIGHT MODULE

EXAMPLE: DRD2M10930GAT

PRODUCT CODE		LUMENS		CRI		CCT ¹		BEAM SPREAD		DIMMING	
DRD2M				9						T	
DRD2M	Downlight	07	750 lm	9	93 CRI	24	2400K ²	GA	General Ambient (90°+)	T	TRIAC/ELV
		10	1000 lm			27	2700K	NS	Narrow Spot (15°) ⁴		
		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) ³	LS	Linear Spread (40° x 20°)		
								SF	Soft Focus		

¹ DarkSky approved only applicable to configurations with CCT Options 3000K or less and not compatible with decorative trims

² Only available in 1000 lm and below

³ Only available in 1000 lm

⁴ Not available in Warm Dim

4" ROUND TRIM

EXAMPLE: M4TRSWH

PRODUCT CODE		FINISH		OPTION	
M4TRS	Standard	WH	White	[Blank]	None
M4TRH	Hyperbolic ⁵	BK	Black	DOF	Decorative: Open, Frosted ⁷
M4TRP	Pinhole ^{2,5}	BZ	Bronze	DCC	Decorative: Closed, Clear, Frosted Side ⁷
M4TRL	Wall Wash/Sloped Ceiling ⁶	CW	Clear Diffuse, White Flange	DCCF	Decorative: Closed, Clear, Frosted Inside ⁷
		CC	Custom Color (RAL Colors)	FL	Flangeless ⁸

⁵ Only available in White, Black or Custom Color finish

⁶ Not available in Bronze finish; Recommended with the General Ambient Beam Spread for general wall washing and Spot Beam Spread for Sloped Ceiling

⁷ Only available in General Ambient beam spread and Standard style, White finish

⁸ Not available in Clear Diffuse finish

ADAPTORS

PRODUCT CODE	
DRD2X-QCM-ED	Edison Adaptor ⁹
DRD2X-QCM-GU	GU-24 Adaptor ⁹
DRD2X-QCM-M	Male IDEAL PowerPlug® Adaptor ⁹
DRD2X-QCM-HW	Male IDEAL to Hardwire Power Plug ⁹
DRD2X-QCF-HW	Female IDEAL to Hardwire Power Plug ⁹

⁹ Optional, must be purchased separately

PRODUCT BUILDER - ROUND ADJUSTABLE

RETROFIT CONVERSION KIT (ONE KIT REQUIRED PER FIXTURE INSTALLATION)

EXAMPLE: **M4KRRETRO**

PRODUCT CODE

M4KRRETRO

M4KRRETRO

8" to 4" Retrofit Conversion Kit

4" ADJUSTABLE MODULE

EXAMPLE: **DRD4M10930FLWT**

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°) ²	[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 (60° x30°)				
						40	4000K	SF	Soft Focus				
						3W	Warm Dim (3000K- 1800K) ¹	NH	Narrow Spot Hexcell Louver ²				
								SH	Spot Hexcell Louver				
								FH	Flood Hexcell Louver				

¹ Only available in 1000 lm
² Not available in Warm Dim

4" ROUND TRIM

EXAMPLE: **M4TRSWH**

PRODUCT CODE		FINISH		OPTION	
M4TRS	Standard	WH	White	[Blank]	None
M4TRH	Hyperbolic ³	BK	Black	FL	Flangeless ⁴
M4TRP	Pinhole ³	BZ	Bronze		
		CW	Clear Diffuse, White Flange		
		CC	Custom Color (RAL Colors)		

³ Not available in Bronze or Clear Diffuse finish
⁴ Not available in Clear Diffuse finish

ADAPTORS

PRODUCT CODE	
DRD2X-QCM-ED	Edison Adaptor ⁵
DRD2X-QCM-GU	GU-24 Adaptor ⁵
DRD2X-QCM-M	Male IDEAL PowerPlug® Adaptor ⁵
DRD2X-QCM-HW	Male IDEAL to Hardwire Power Plug ⁵
DRD2X-QCF-HW	Female IDEAL to Hardwire Power Plug ⁵

⁵ Optional, must be purchased separately



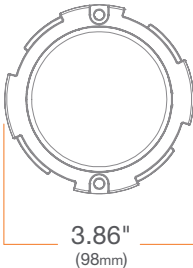
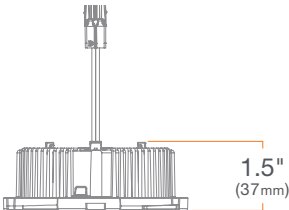
PRODUCT BUILDER

LOOSE OPTICS ACCESSORIES

PRODUCT CODE	
DRD2X-GA	Fixed Conversion Kit: 4" Downlight Module to General Ambient (90°+)
DRD2X-NS	Fixed Narrow Spot (15°)
DRD2X-SP	Fixed Spot (25°)
DRD2X-FL	Fixed Flood (40°)
DRD2X-WF	Fixed Wide Flood (60°)
DRD2X-LS	Fixed Linear Spread (40° x 20°)
DRD2X-SF	Fixed Soft Focus
DRD2X-OP	Fixed Optics Kit: Narrow Spot (15°), Spot (25°), Flood (40°), Wide Flood (60°), Linear Spread (40° x 20°), Soft Focus
DRD4X-NS	Adjustable Narrow Spot (15°)
DRD4X-SP	Adjustable Spot (25°)
DRD4X-FL	Adjustable Flood (40°)
DRD4X-LS	Adjustable Linear Spread (60° x 30°)
DRD4X-SF	Adjustable Soft Focus
DRD4X-OP	Adjustable Optics Kit: Narrow Spot (15°), Spot (25°), Flood (40°), Linear Spread (60° x 30°), Soft Focus



DOWNLIGHT MODULE



SUMMARY

	STATIC CCT	WARM DIM
CCT	2400K, 2700K, 3000K, 3500K, 4000K	3000K - 1800K
LUMENS (POWER)	750lm (9.5W), 1000 lm (12.5W), 1250 lm (14.3W), 1500lm (14.3W)	1000 lm (12.5W)
EFFICACY	79lm/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 ⁴ , UL Certified US-CA, Declare, RoHS compliant, Shatter-resistant Construction, NSF/ANSI 2 listed, suitable for splash-zone ⁵ , Dark Sky Approved ⁶ , Compliant with FCC CFR Title 47 Part 15; Class B, Compliant with NEC 300.14	

¹ Tested in accordance to IESNA LM-79-2008

² Dimming at 120V only

³ Refer to ENERGY STAR Certified light fixtures database

⁴ Covered areas & Flanged Trims only

⁵ This product is evaluated in accordance to NSF/ANSI 2 for Splash Zone having designated trim finishes

⁶ DarkSky Approved is only applicable to CCT Options less than or equal to 3000K

ADDITIONAL

INPUT VOLTAGE: 120/277V, 50/60Hz	POWER FACTOR: Greater than 0.9
MAX INPUT CURRENT (120V): 0.13 amps	TOTAL HARMONIC DISTORTION: Less than 20%
MAX INPUT CURRENT (277V): 0.065 amps	AMBIENT OPERATING TEMPERATURE: -20°C to 40°C
CONNECTOR: PowerPlug® Luminaire Disconnect Model 182	WARRANTY: 5 year limited warranty; 50,000 hours at 70% lumen maintenance

DOWNLIGHT MODULE PERFORMANCE

Based on 93 CRI, 3000K Module + STD White Trim (M4TRSWH)

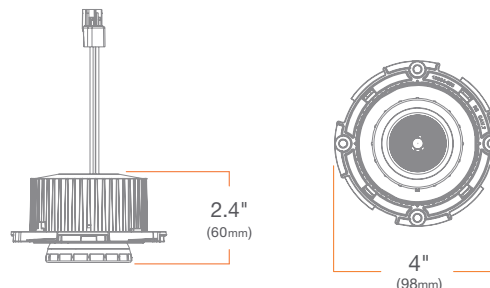
(Please refer to IES files for other trim types)

		STATIC CCT				WARM DIM
LED CHIP		CREE 93 CRI				Bridgelux 93 CRI
SDCM		2-STEP				2-STEP
PN DESIGNATION		07	10	12	15	10
WATTAGE		9.5W	12.5W	14.3W	14.3W	12.5W
NS	Lumens	718	983	1111	1278	N/A
	LPW ¹	75.6	78.6	77.7	89.3	
	CBCP ²	6227	8530	9639	11089	
	UGR ³	13	14.1	14.5	15	
SP	Lumens	696	953	1077	1239	848
	LPW	73.3	76.2	75.3	86.6	67.9
	CBCP	2131	2919	3298	3795	2598
	UGR	13.2	14.3	14.7	15.2	13.8
FL	Lumens	685	939	1061	1221	836
	LPW	72.1	75.1	74.2	85.4	66.9
	CBCP	1196	1638	1851	2130	1458
	UGR	14.9	16	16.4	16.9	15.6
WF	Lumens	677	928	1049	1206	826
	LPW	71.3	74.2	73.3	84.3	66.1
	CBCP	696	953	1077	1239	848
	UGR	17.3	18.4	18.8	19.3	18
GA	Lumens	654	896	1012	1165	797
	LPW	68.8	71.7	70.8	81.5	63.8
	CBCP	264	362	409	470	322
	UGR	22.1	23.2	23.6	24.1	22.8

	STATIC					WARM DIM	
CCT MULTIPLIER	2400K	2700K	3000K	3500K	4000K	1800K	3000K
	0.80	0.93	1	1.05	1.07	0.05	1

¹ LPW: Lumen per watt² CBCP: Center beam candlepower³ UGR: Unified glare ratio (0.7/0.5/0.2, 4H/8H)

ADJUSTABLE MODULE



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, 2-step SDCM	93 CRI, 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 ¹	TRIAC/ELV ¹
LED CHIP	Bridgelux (2400K) Cree (All Other CCT)	Bridgelux
LISTINGS	ENERGY STAR [®] qualified ² , California Title 24 2016-2022 JA8-E compliant, UL Listed for Damp Location, UL Certified US-CA, Declare, RoHS compliant, Shatter-resistant construction, Compliant with FCC CFR Title 47 Part 15; Class B, Compliant with NEC 400.18	
ADJUSTMENT	360° directional aim, 45° tilt	
SLOPE CEILING COMPATIBILITY	Up to 45°	

¹ Dimming at 120V only² Refer to ENERGY STAR Certified light fixtures database

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 PERFORMANCE

Based on 93 CRI, 3000K Module + STD White Trim (M4TRSWH)

(Please refer to IES files for other trim types)

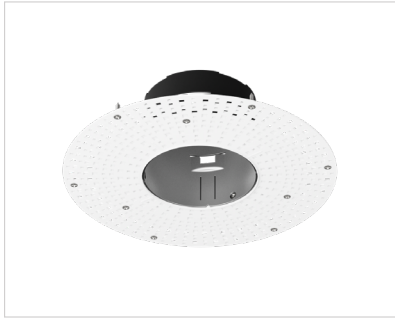
		STATIC CCT		WARM DIM
LED CHIP		CREE 93 CRI		Bridgelux 93 CRI
SDCM		2-STEP		2-STEP
PN DESIGNATION		07	10	10
WATTAGE		9.5W	12.5W	12.5W
NS	Lumens	729	984	N/A
	LPW ¹	76.7	78.7	
	CBCP ²	5264	7106	
	UGR ³	14.6	15.6	
SP	Lumens	720	972	915
	LPW	75.8	77.8	73.2
	CBCP	1876	2532	2385
	UGR	15.5	16.6	16.4
FL	Lumens	739	998	939
	LPW	77.8	79.8	75.1
	CBCP	1032	1394	1312
	UGR	18.4	19.4	19.2

	STATIC					WARM DIM	
CCT MULTIPLIER	2400K	2700K	3000K	3500K	4000K	1800K	3000K
	0.80	0.93	1	1.05	1.07	0.05	1

HEXCELL LOUVER MULTIPLIER	0.6
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¹ LPW: Lumen per watt² CBCP: Center beam candlepower³ UGR: Unified glare ratio (0.7/0.5/0.2, 4H/8H)

RETROFIT KIT

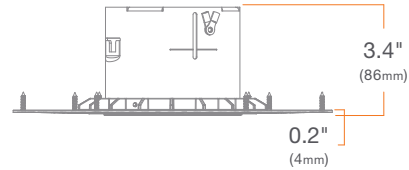
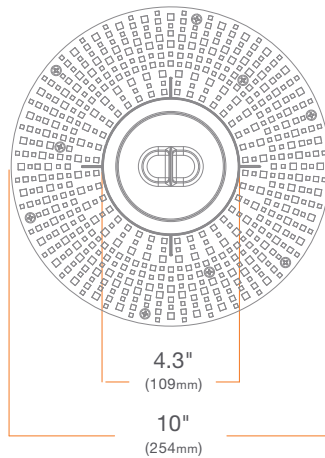


8" to 4" Retrofit Conversion Kit

M4KRRETRO

SUMMARY: Retrofit Conversion Kit (Used to convert existing 6" - 8" Fixtures to a 4" fixture)

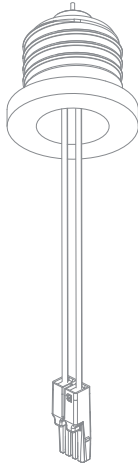
CEILING: Can be installed in any ceiling thickness



ADAPTOR

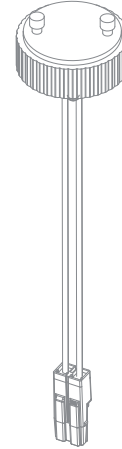
Edison Adaptor

DRD2X-QCM-ED



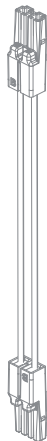
GU-24 Adaptor

DRD2X-QCM-GU



Male IDEAL PowerPlug® Adaptor

DRD2X-QCM-M



Hardwire Adapter

DRD2X-QCM-HW



ROUND TRIMS



4" Round Trims

M4TR

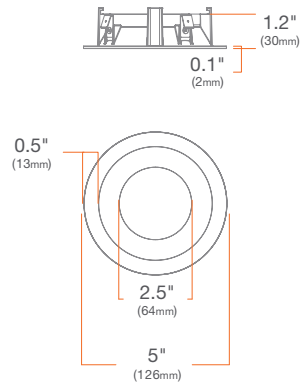
CONSTRUCTION: Die-cast aluminum

DECORATIVE: Acrylic diffuser

INSTALLATION: Twist & Lock

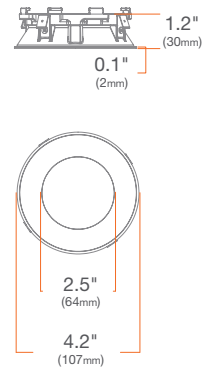
Standard

M4TRSWH



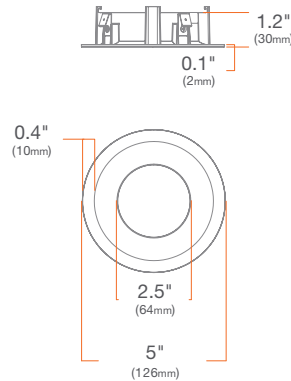
Standard Flangeless

M4TRSWHFL



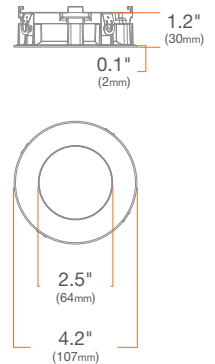
Hyperbolic Trim

M4TRHWH



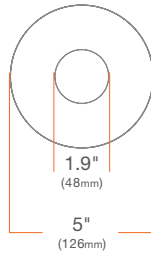
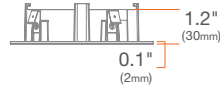
Hyperbolic Flangeless

M4TRHWHFL



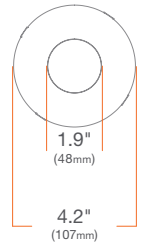
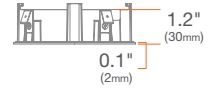
Pinhole

M4TRPWH



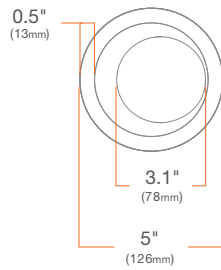
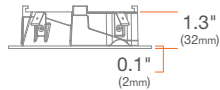
Pinhole Flangeless

M4TRPWHFL



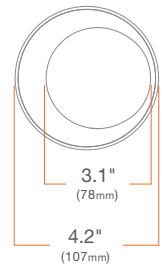
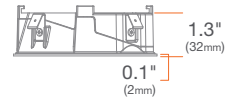
Wall Wash ¹

M4TRLWH



Wall Wash Flangeless ¹

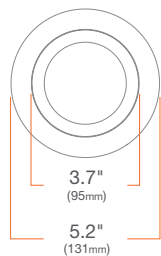
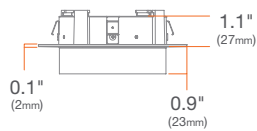
M4TRLWHFL



Decorative Closed ^{1,2}

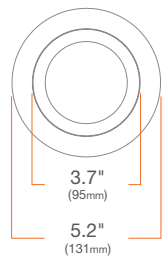
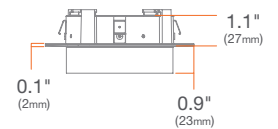
Clear, Frosted Inside: **M4TRSWHDCC**

Clear, Frosted Sides: **M4TRSWHDCCF**



Decorative Open ¹

Frosted: **M4TRSWHDOF**



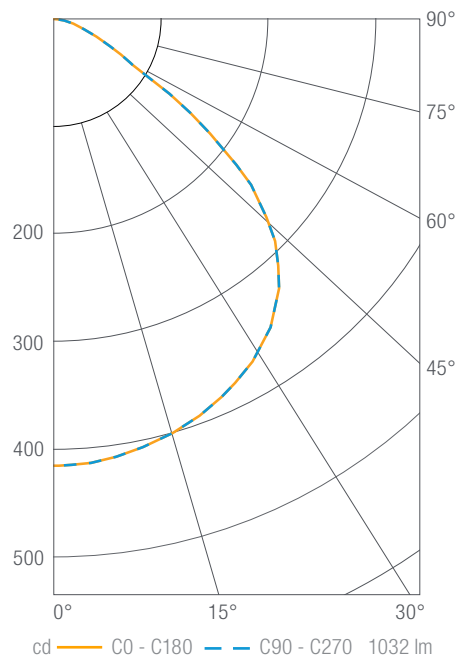
¹ Compatible with Downlight Only

² IK10 Rated

PHOTOMETRY

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

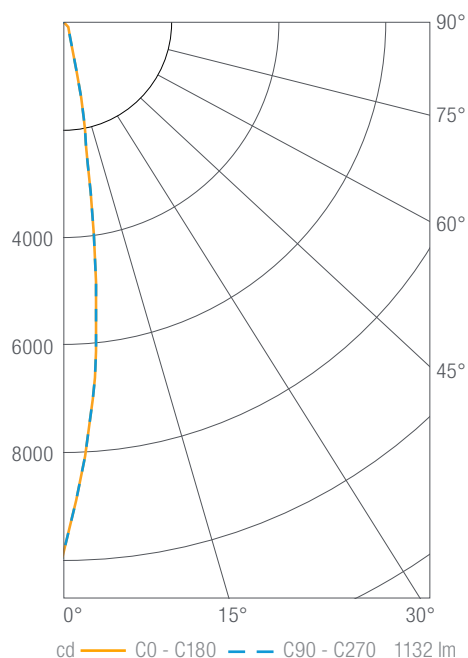
Illuminance Chart

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, 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

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

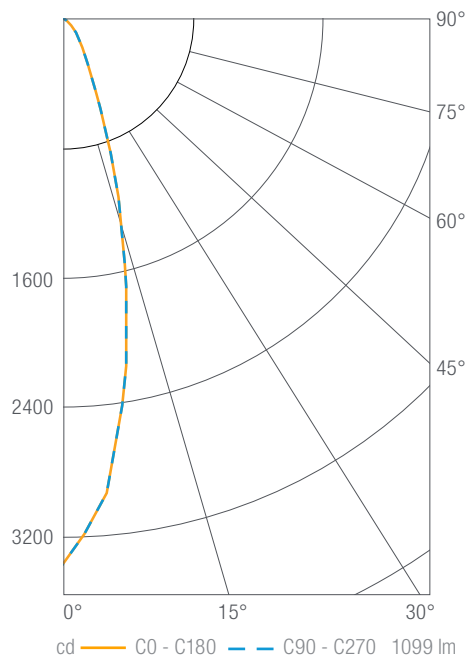
Distance from LED	Foot Candles	Diameter
3'	1091	0.7'
6'	273	1.5'
9'	121	2.2'
12'	68	2.9'

Beam Angle: 14°

PHOTOMETRY

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

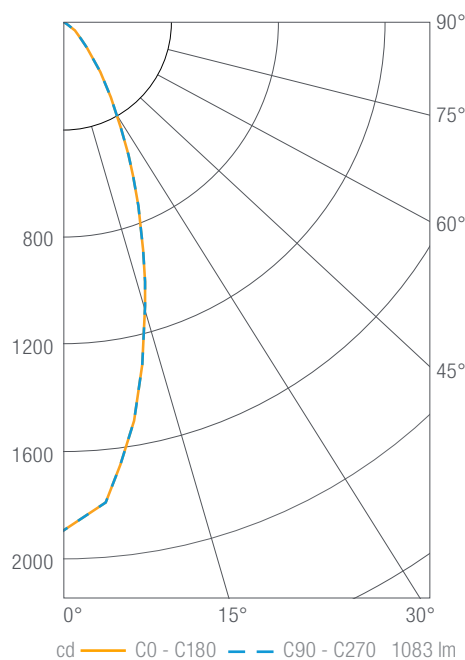
Illuminance Chart

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°

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'

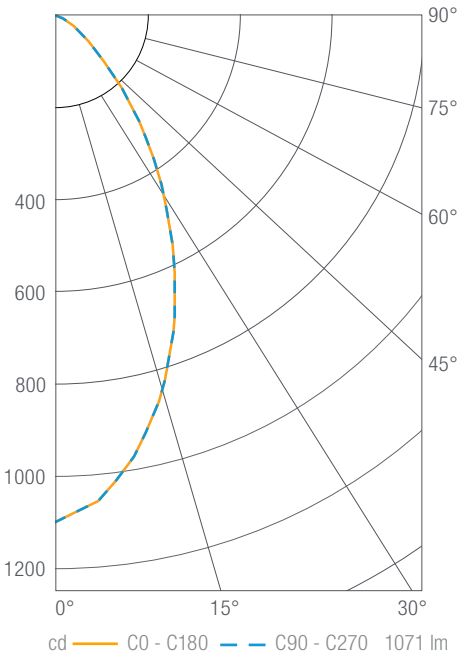
Beam Angle: 37°



PHOTOMETRY

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

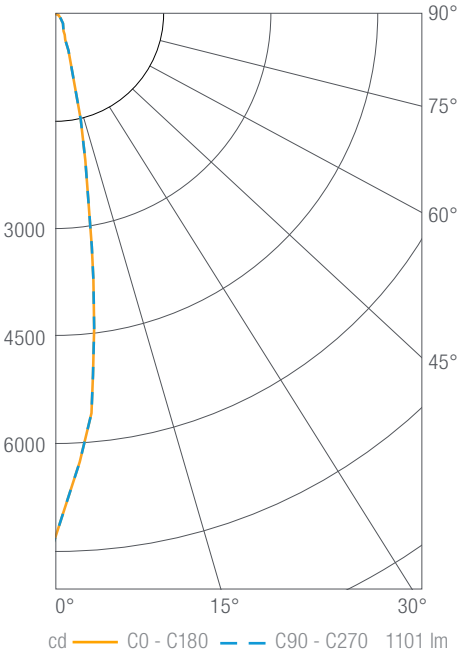
Illuminance Chart

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°

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

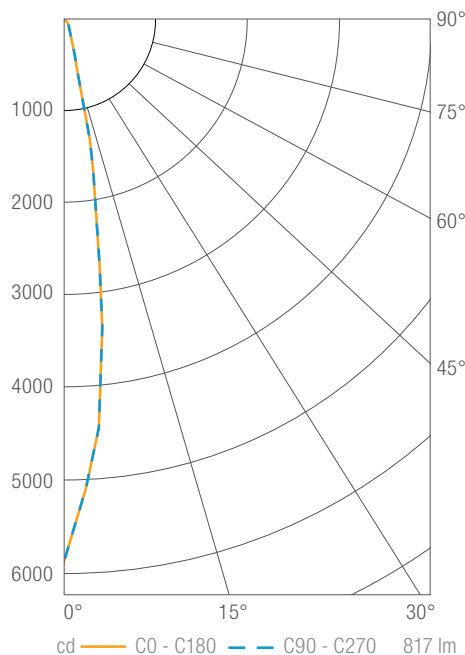
Distance from LED	Foot Candles	Diameter
3'	809	0.9'
6'	202	1.7'
9'	90	2.6'
12'	51	3.4'

Beam Angle: 16°

PHOTOMETRY

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

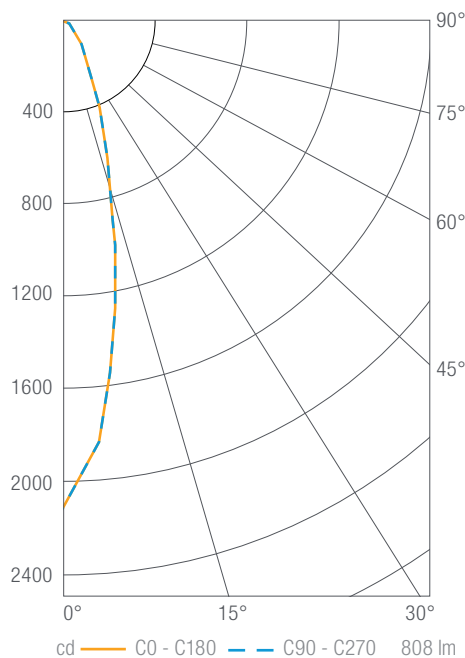
Illuminance Chart

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'

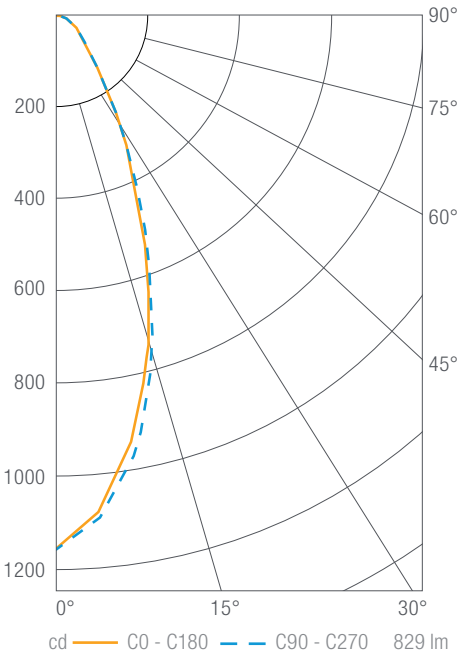
Beam Angle: 28°



PHOTOMETRY

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°