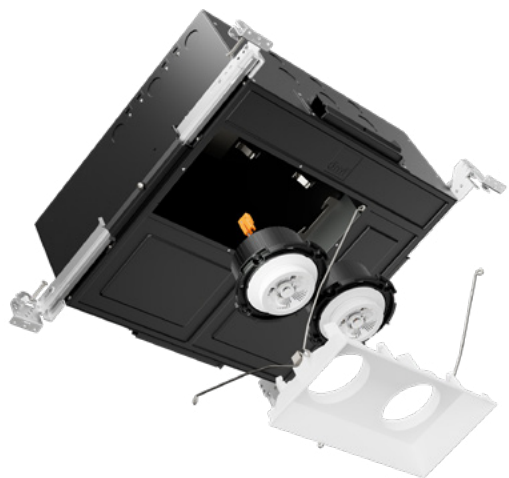


M Series Multiples

Project:	Type:
Product Code:	Date:

V101824



- Rectangular Multiple options based around our 4" adjustable module maintain clean lines in the ceiling while providing maximum light output
- Multi-directional adjustment with 360 degree directional aim and 45 degree tilt precisely highlights focal points throughout the interior.
- Diecast unibody trims integrate up to three lights into one fixture and provide industry leading flexibility in a seamless package.
- Integrated driver options allow for dimming options down to 0.1% and individual module control if desired.

INSTALLATION

Ceiling Thickness

New Construction: 1/2" up to 1 3/4"

Ceiling Material

Drywall, Millwork (Flanged Only)

TRIMS

Shape

Square (1-Head)
Rectangular (2-Head, 3-Head)

Style

Standard, Flangeless

Finish

White, Black, Custom Color

SPECIALTY LENS

Hexcell Louver

LIGHT OUTPUT & DISTRIBUTION

Module

Adjustable

Adjustment

360° Directional Aim, 45° Tilt

Lumens (Power)

750 lm (9.7W), 1000 lm (12.5W)






Color Quality

93 CRI, 2-step SDCM

Color Temperature

- 2700K
- 3000K
- 3500K
- 4000K
- Warm Dim (3000K-1800K)
- Tunable White (4000K-1800K)
- Tunable White (6500K-2700K)

Beam Spread

-  15° Narrow Spot
-  60° x 30° Linear Spread
-  25° Spot
-  Soft Focus
-  40° Flood

POWER & CONTROLS

Input Voltage




120 / 277V

Dimming

0-10V (1%), TRIAC/ELV (1%), DALI-2 (0.1%)

RATINGS & CERTIFICATIONS

Housing

-  IC (Insulation Contact) Rated
-  ASTM E283 Certified Air Tight
-  RoHS Compliant

Module and Trim

-  UL Listed for Damp Location
-  NSF Listed (White and Black Finish Only)

WARRANTY

5 year limited warranty; 50,000 hours



PRODUCT BUILDER

MULTIPLES HOUSING

PRODUCT CODE		SHAPE	
M4NCS			
M4NCS	Multiples New Construction	1S	1-Head
		2S	2-Head
		3S	3-Head

MODULE 1 *(One Module Required per Fixture Head, Modules and Trims Must be Ordered Together)*

PRODUCT CODE		LUMENS		CRI		CCT		BEAM SPREAD		FINISH		DIMMING	
DRD4M				9									
DRD4M	Adjustable	07	750 lm	9	93 CRI	27	2700K	NS	Narrow Spot (15°) ³	[Blank]	Black	T	TRIAC/ELV
		10	1000 lm			30	3000K	SP	Spot (25°)	W	White	O	0-10V
						35	3500K	FL	Flood (40°)			D	DALI-2 ¹
						40	4000K	LS	Linear Spread				
						3W	Warm Dim (3000K–1800K) ¹	SF	Soft Focus				
						T1	Tunable White (4000K–1800K) ²	NH	Narrow Spot Hex Louver ^{3, 4}				
						T2	Tunable White (6500K–2700K) ²	SH	Spot Hex Louver ⁴				
								FH	Flood Hex Louver ⁴				
								WH	Wide Flood Hex Louver ⁴				

MODULE 2 *(As Needed, One Module Required per Fixture Head, Modules and Trims Must be Ordered Together)*

PRODUCT CODE		LUMENS		CRI		CCT		BEAM SPREAD		FINISH		DIMMING	
DRD4M				9									
DRD4M	Adjustable	07	750 lm	9	93 CRI	27	2700K	NS	Narrow Spot (15°) ³	[Blank]	Black	T	TRIAC/ELV
		10	1000 lm			30	3000K	SP	Spot (25°)	W	White	O	0-10V
						35	3500K	FL	Flood (40°)			D	DALI-2 ¹
						40	4000K	LS	Linear Spread				
						3W	Warm Dim (3000K–1800K) ¹	SF	Soft Focus				
						T1	Tunable White (4000K–1800K) ²	NH	Narrow Spot Hex Louver ^{3, 4}				
						T2	Tunable White (6500K–2700K) ²	SH	Spot Hex Louver ⁴				
								FH	Flood Hex Louver ⁴				
								WH	Wide Flood Hex Louver ⁴				

¹ Only available in 1000 lm Static CCT or Warm Dim & 750 lm Tunable White

² Only available in 750 lm DALI-2 Dimming

³ Not available in Warm Dim CCT or Tunable White

⁴ Not available for DALI-2 modules

PRODUCT BUILDER

MODULE 3 *(As Needed, One Module Required per Fixture Head, Modules and Trims Must be Ordered Together)*

PRODUCT CODE		LUMENS		CRI		CCT		BEAM SPREAD		FINISH		DIMMING	
DRD4M				9									
DRD4M	Adjustable	07	750 lm	9	93 CRI	27	2700K	NS	Narrow Spot (15°) ³	[Blank]	Black	T	TRIAC/ELV
		10	1000 lm			30	3000K	SP	Spot (25°)	W	White	O	0-10V
						35	3500K	FL	Flood (40°)			D	DALI-2 ¹
						40	4000K	LS	Linear Spread				
						3W	Warm Dim (3000K–1800K) ¹	SF	Soft Focus				
						T1	Tunable White (4000K–1800K) ²	NH	Narrow Spot Hex Louver ^{3,4}				
						T2	Tunable White (6500K–2700K) ²	SH	Spot Hex Louver ⁴				
								FH	Flood Hex Louver ⁴				
								WH	Wide Flood Hex Louver ⁴				

¹ Only available in 1000 lm Static CCT or Warm Dim & 750 lm Tunable White

² Only available in 750 lm DALI-2 Dimming

³ Not available in Warm Dim CCT or Tunable White

⁴ Not available for DALI-2 modules

MULTIPLES TRIM

PRODUCT CODE		SHAPE		FINISH		STYLE	
M4T							
M4T	Multiples Trim	1S	1-Head	WH	White	[Blank]	Standard
		2S	2-Head	BK	Black	FL	Flangeless ⁵
		3S	3-Head	CC	Custom Color		

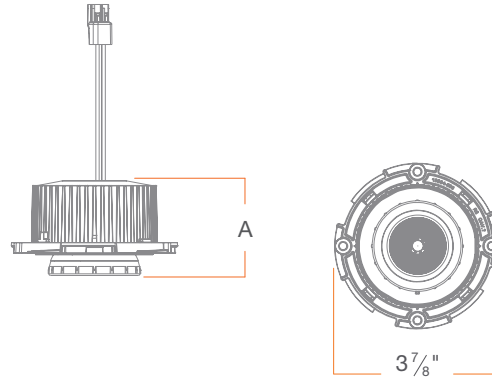
⁵ Mudplate is required for all Flangeless trims; Not available in Wood Application

M4XSUD	1-Head Flangeless Mudplate <i>(Required for Flangeless Trim drywall installation)</i>
M4XS2MUD	2-Head Flangeless Mudplate <i>(Required for Flangeless Trim drywall installation)</i>
M4XS3MUD	3-Head Flangeless Mudplate <i>(Required for Flangeless Trim drywall installation)</i>

OPTICS ACCESSORIES

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

MODULE



SUMMARY

	STATIC CCT	WARM DIM	TUNABLE WHITE
CCT	2700K, 3000K, 3500K, 4000K	3000K - 1800K	4000K - 1800K; 6500K - 2700K
LUMENS (POWER)	750 lm (9.7W), 1000 lm (12.0W)	1000 lm (12.0W)	750 lm (12.5W)
EFFICACY	77 lm/W, 83 lm/W	83 lm/W	60 lm/W
COLOR QUALITY	93 CRI ¹ , 2-step SDCM	93 CRI ¹ , 2-step SDCM	93 CRI ¹ , 3-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	Spot (25°), Flood (40°), Linear Spread (60° x 30°), Soft Focus
DIMMING	0-10V, TRIAC/ELV ² , DALI-2	0-10V, TRIAC/ELV ² , DALI-2	DALI-2
LED CHIP	Cree	Bridgelux	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, NSF/ANSI 2 listed, suitable for splash-zone ⁴ , DALI-2 Compliant		
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 This product is evaluated in accordance to NSF/ANSI 2 for Splash Zones having designated trim finishes

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, 6-pin Molex

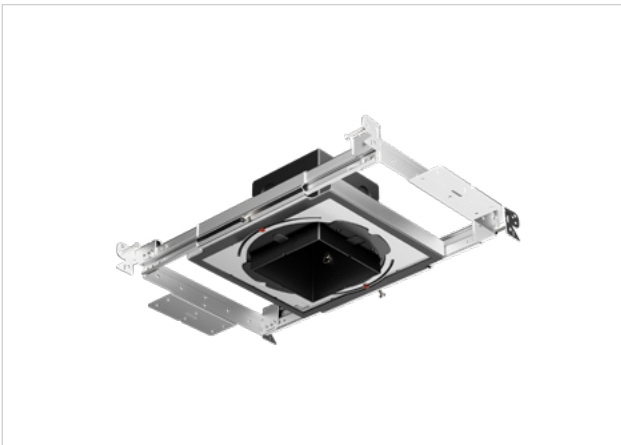
POWER FACTOR: Greater than 0.9

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

MULTIPLES HOUSING



1-Head

New Construction

M4NCS1S

SUMMARY

JUNCTION BOX: Equipped with 10 knockouts: two 1/2" and two 3/4" trade size knockouts on top, two 1/2" trade size knockouts on side, four romex knockouts on top. Approved for 8 (four in, four out) #12 AWG 70°C.

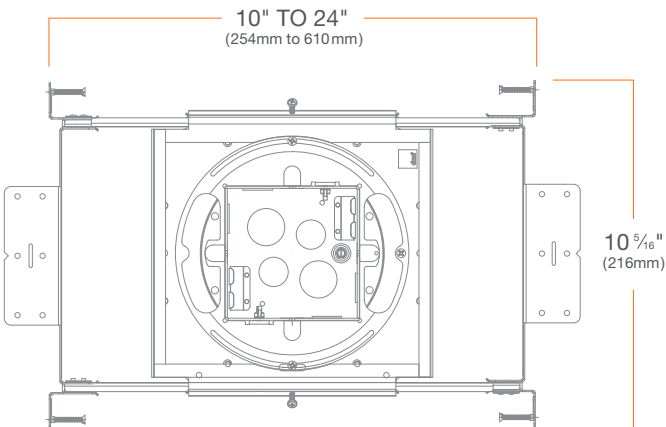
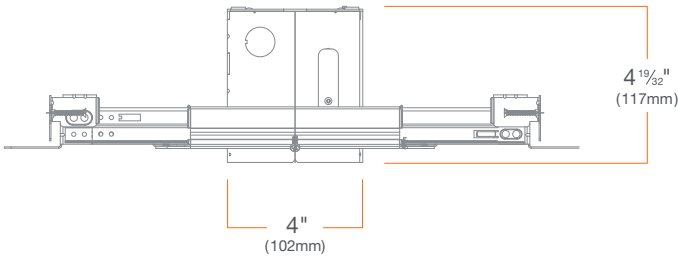
MOUNTING: Pre-installed mounting brackets allow vertical adjustment of bar hangers up to 1 1/4".

CEILING: 1/2" up to 1 3/4"

CUTOUT: 4" (102mm) square opening

LISTINGS: ASTM E283 certified Air Tight, IC (Insulation Contact) rated

WARRANTY: 5 year limited warranty



MULTIPLES HOUSING



2-Head

New Construction

M4NCS2S

SUMMARY

JUNCTION BOX: Equipped with 26 knockouts: three ½" trade size knockouts per side, three ¾" trade size knockouts on two walls and four romex knockouts on two walls. Approved for 8 (four in, four out) #12 AWG 70°C

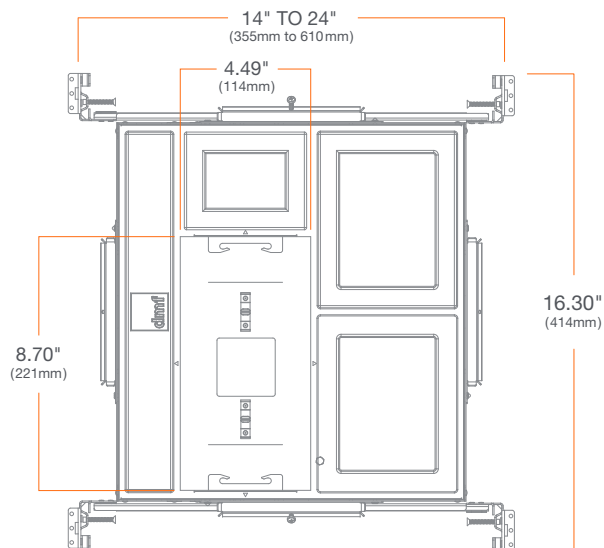
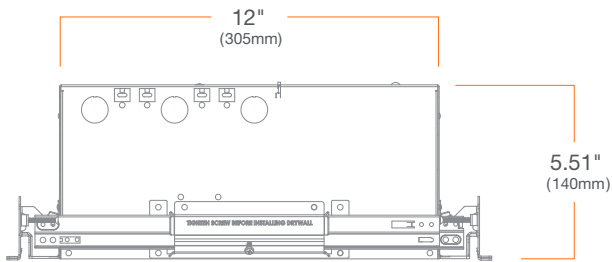
BAR HANGER MOUNTING: Adjustable Bar Hangers for 16" to 24" on-center joist spacing. Compatible with traditional joists, Armstrong™ ceiling and T-Bar

CEILING: ½" up to 1 ¼"

CUTOUT: 4.49" (114mm) x 8.70" (221mm) rectangular opening

LISTINGS: ASTM E283 certified Air Tight, IC (Insulation Contact) rated

WARRANTY: 5 year limited warranty



MULTIPLES HOUSING



3-Head

New Construction

M4NCS3S

SUMMARY

JUNCTION BOX: Equipped with 26 knockouts: three ½" trade size knockouts per side, three ¾" trade size knockouts on two walls and four romex knockouts on two walls. Approved for 8 (four in, four out) #12 AWG 70°C

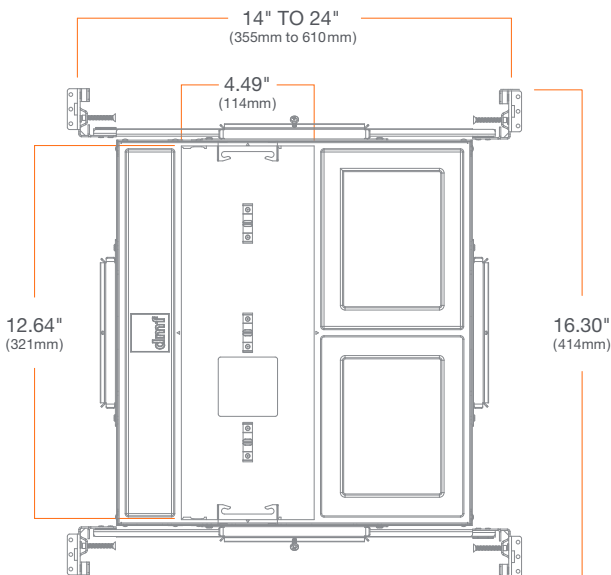
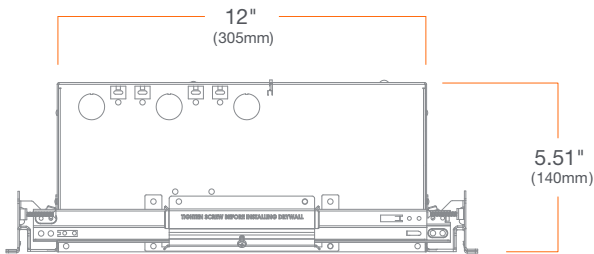
BAR HANGER MOUNTING: Adjustable Bar Hangers for 16" to 24" on-center joist spacing. Compatible with traditional joists, Armstrong™ ceiling and T-Bar

CEILING: ½" up to 1 ¼"

CUTOUT: 4.49" (114mm) x 12.64" (321mm) rectangular opening

LISTINGS: ASTM E283 certified Air Tight, IC (Insulation Contact) rated

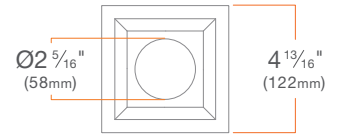
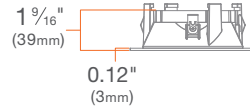
WARRANTY: 5 year limited warranty



MULTIPLES TRIMS

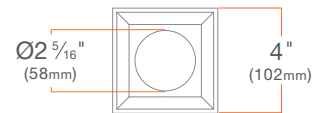
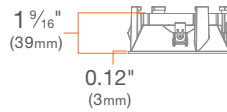
1-Head Standard

M4T1SWH



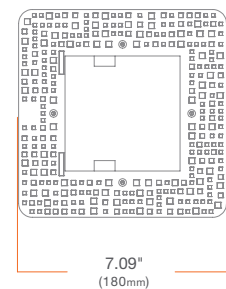
1-Head Flangeless

M4T1SWHFL



Square Flangeless Mudplate

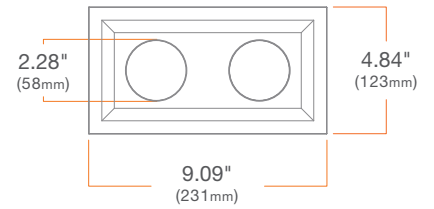
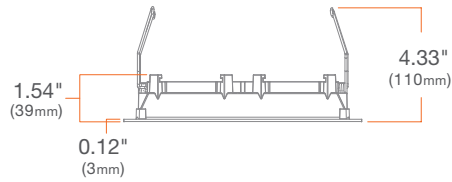
M4XSMUD



MULTIPLES TRIMS

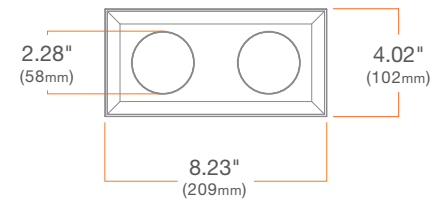
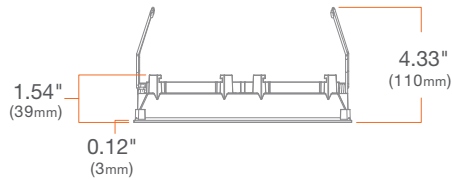
2-Head Standard

M4T2SWH



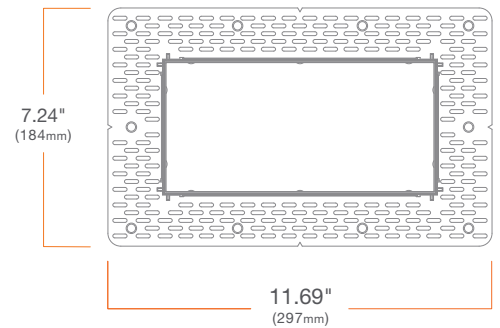
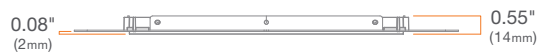
2-Head Flangeless

M4T2SWHFL



2-Head Flangeless Mudplate

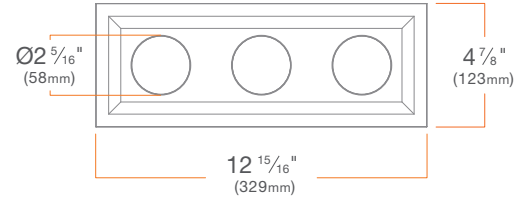
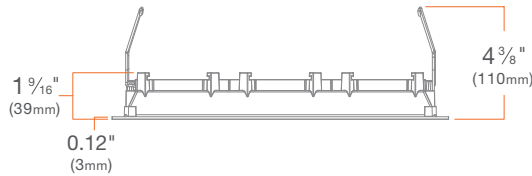
M4XS2MUD



MULTIPLES TRIMS

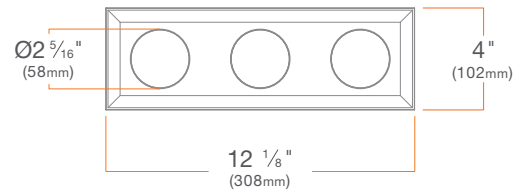
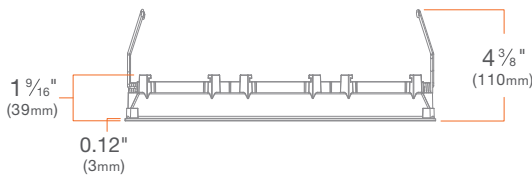
3-Head Standard

M4T3SWH



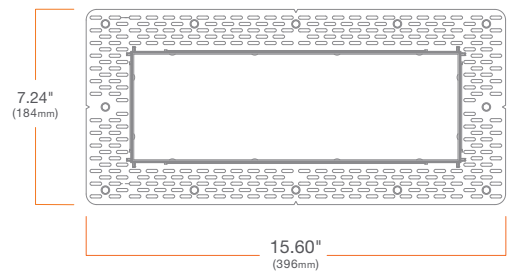
3-Head Flangeless

M4T3SWHFL



3-Head Flangeless Mudplate

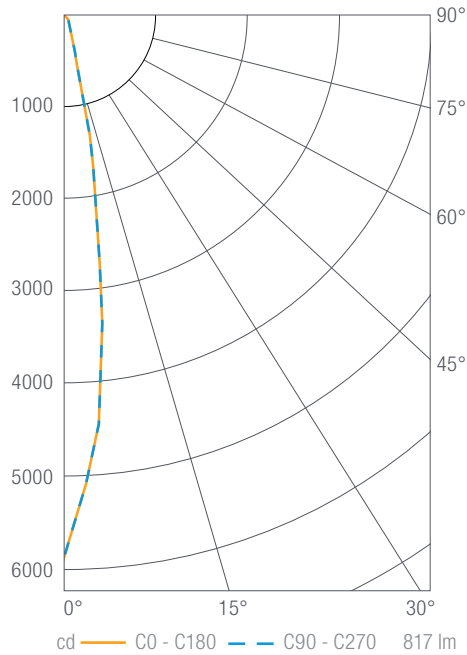
M4XS3MUD



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

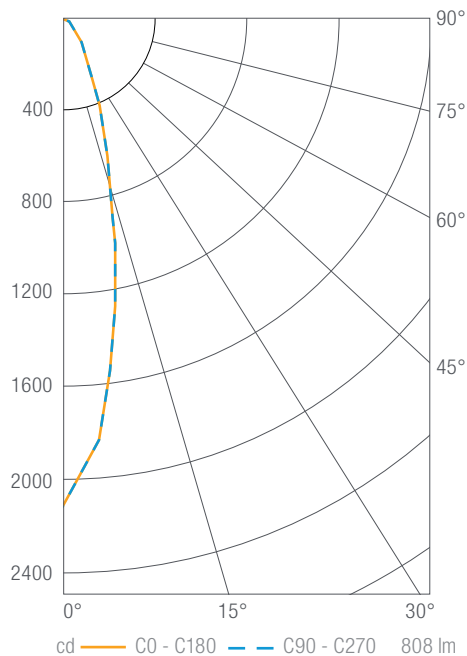
Illuminance Chart

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

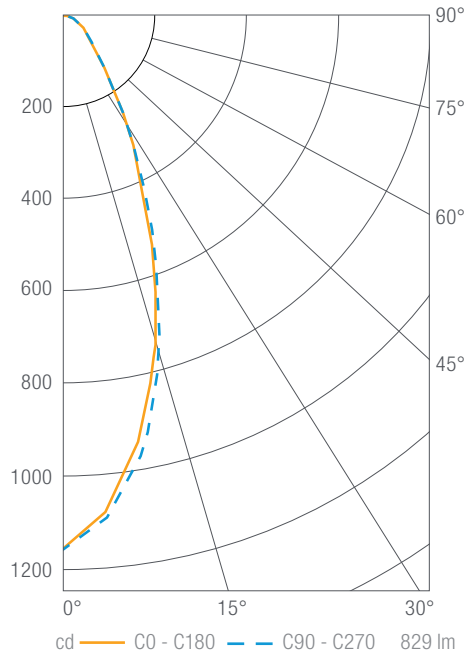
Distance from LED	Foot Candles	Diameter
3'	234	1.3'
6'	58	2.6'
9'	26	3.9'
12'	15	5.2'

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°