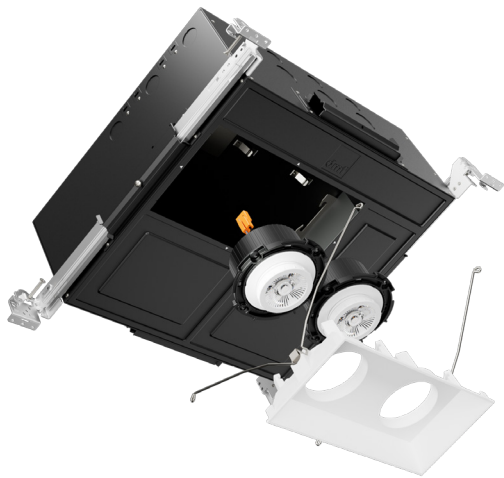


# M Series Multiples

Project:	Type:
Product Code:	Date:

V010324



- 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

## TRIMS

### Shape

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

### Style

Standard, Flangeless

### Finish

White, Black, Custom Color

## 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

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

## 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	
<input type="text"/>		<input type="text"/>	
<b>M4NCS</b>	Multiples New Construction	<b>1S</b>	1-Head
		<b>2S</b>	2-Head
		<b>3S</b>	3-Head

MODULE 1 *(One Module Required per Fixture Head)*

PRODUCT CODE		LUMENS		CRI		CCT		BEAM SPREAD		FINISH		DIMMING	
<input type="text"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>	
<b>DRD4M</b>	Adjustable	<b>07</b>	750 lm	<b>9</b>	93+ CRI	<b>27</b>	2700K	<b>NS</b>	Narrow Spot (15°) <sup>3</sup>	<b>[Blank]</b>	Black	<b>T</b>	TRIAV/ELV
		<b>10</b>	1000 lm			<b>30</b>	3000K	<b>SP</b>	Spot (25°)	<b>W</b>	White	<b>O</b>	0-10V
						<b>35</b>	3500K	<b>FL</b>	Flood (40°)			<b>D</b>	DALI-2 <sup>1</sup>
						<b>40</b>	4000K	<b>LS</b>	Linear Spread				
						<b>3W</b>	Warm Dim (3000K–1800K) <sup>1</sup>	<b>SF</b>	Soft Focus				
						<b>T1</b>	Tunable White (4000K–1800K) <sup>2</sup>						
						<b>T2</b>	Tunable White (6500K–2700K) <sup>2</sup>						

MODULE 2 *(as needed)*

PRODUCT CODE		LUMENS		CRI		CCT		BEAM SPREAD		FINISH		DIMMING	
<input type="text"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>	
<b>DRD4M</b>	Adjustable	<b>07</b>	750 lm	<b>9</b>	93+ CRI	<b>27</b>	2700K	<b>NS</b>	Narrow Spot (15°) <sup>3</sup>	<b>[Blank]</b>	Black	<b>T</b>	TRIAV/ELV
		<b>10</b>	1000 lm			<b>30</b>	3000K	<b>SP</b>	Spot (25°)	<b>W</b>	White	<b>O</b>	0-10V
						<b>35</b>	3500K	<b>FL</b>	Flood (40°)			<b>D</b>	DALI-2 <sup>1</sup>
						<b>40</b>	4000K	<b>LS</b>	Linear Spread				
						<b>3W</b>	Warm Dim (3000K–1800K) <sup>1</sup>	<b>SF</b>	Soft Focus				
						<b>T1</b>	Tunable White (4000K–1800K) <sup>2</sup>						
						<b>T2</b>	Tunable White (6500K–2700K) <sup>2</sup>						

<sup>1</sup> Only available in 1000 lm Static CCT or Warm Dim & 750 lm Tunable White   <sup>2</sup> Only available in 750 lm DALI-2 Dimming   <sup>3</sup> Not available in Warm Dim CCT or Tunable White

## PRODUCT BUILDER

MODULE 3 *(as needed)*

PRODUCT CODE		LUMENS		CRI		CCT		BEAM SPREAD		FINISH		DIMMING	
<input type="text"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>	
<b>DRD4M</b>	Adjustable	<b>07</b>	750 lm	<b>9</b>	93+ CRI	<b>27</b>	2700K	<b>NS</b>	Narrow Spot (15°) <sup>3</sup>	<b>[Blank]</b>	Black	<b>T</b>	TRI/AV/ELV
		<b>10</b>	1000 lm			<b>30</b>	3000K	<b>SP</b>	Spot (25°)	<b>W</b>	White	<b>O</b>	0-10V
						<b>35</b>	3500K	<b>FL</b>	Flood (40°)			<b>D</b>	DALI-2 <sup>1</sup>
						<b>40</b>	4000K	<b>LS</b>	Linear Spread				
						<b>3W</b>	Warm Dim (3000K–1800K) <sup>1</sup>	<b>SF</b>	Soft Focus				
						<b>T1</b>	Tunable White (4000K–1800K) <sup>2</sup>						
						<b>T2</b>	Tunable White (6500K–2700K) <sup>2</sup>						

<sup>1</sup> Only available in 1000 lm Static CCT or Warm Dim & 750 lm Tunable White <sup>2</sup> Only available in 750 lm DALI-2 Dimming <sup>3</sup> Not available in Warm Dim CCT or Tunable White

## MULTIPLES TRIM

PRODUCT CODE		SHAPE		FINISH		STYLE	
<input type="text"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>	
<b>M4T</b>	Multiples Trim	<b>1S</b>	1-Head	<b>WH</b>	White	<b>[Blank]</b>	Standard
		<b>2S</b>	2-Head	<b>BK</b>	Black	<b>FL</b>	Flangeless <sup>4</sup>
		<b>3S</b>	3-Head	<b>CC</b>	Custom Color		

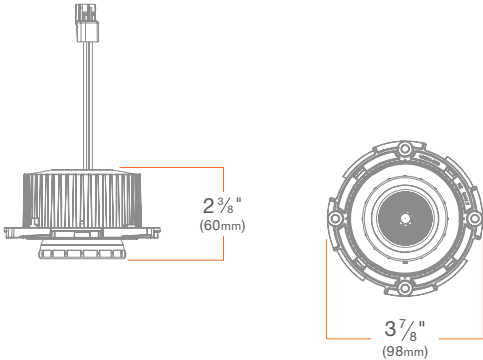
<sup>4</sup> Mudplate is required for all Flangeless trims except for wood ceiling install

<b>M4XS1MUD</b>	1-Head Flangeless Mudplate <i>(Required for Flangeless Trim drywall installation)</i>
<b>M4XS2MUD</b>	2-Head Flangeless Mudplate <i>(Required for Flangeless Trim drywall installation)</i>
<b>M4XS3MUD</b>	3-Head Flangeless Mudplate <i>(Required for Flangeless Trim drywall installation)</i>

## OPTICS ACCESSORIES

PRODUCT CODE	
<input type="text"/>	
<b>DRD4X-NS</b>	Narrow Spot (15°)
<b>DRD4X-SP</b>	Spot (25°)
<b>DRD4X-FL</b>	Flood (40°)
<b>DRD4X-LS</b>	Linear Spread (60° x 30°)
<b>DRD4X-SF</b>	Soft Focus
<b>DRD4X-OP</b>	Optics Kit: Narrow Spot (15°), Spot (25°), Flood (40°), Linear Spread (60° x 30°), Soft Focus

MODULE



SUMMARY

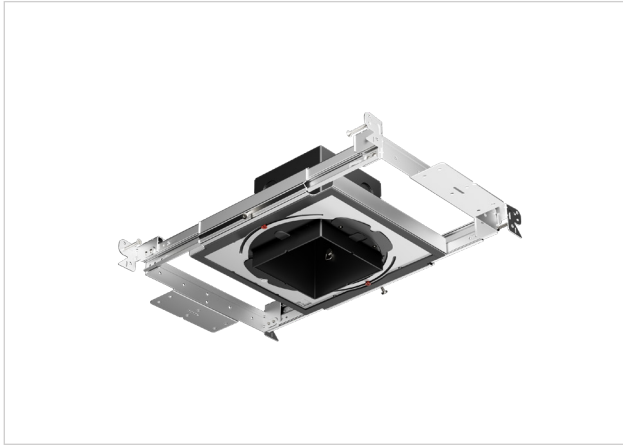
	STATIC CCT	WARM DIM	TUNABLE WHITE
CCT	2700K, 3000K, 3500K, 4000K	3000K - 1800K	4000K - 1800K; 6500K - 2700K
LUMENS (POWER)	750 lm (9.7W), 1000 lm (12.0W)	1000 lm (12.0W)	750 lm (12.5W)
EFFICACY	77 lm/W, 83 lm/W	83 lm/W	60 lm/W
COLOR QUALITY	93+ CRI <sup>1</sup> , 2-step SDCM	93+ CRI <sup>1</sup> , 2-step SDCM	93+ CRI <sup>1</sup> , 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 <sup>2</sup> , DALI-2	0-10V, TRIAC/ELV <sup>2</sup> , DALI-2	DALI-2
LED CHIP	Cree	Bridgelux	Bridgelux
LISTINGS	ENERGY STAR® qualified <sup>3</sup> , 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 <sup>4</sup> , DALI-2 Compliant		
ADJUSTMENT	360° directional aim, 45° tilt		
SLOPE CEILING COMPATIBILITY	Up to 45°		

<sup>1</sup> Tested in accordance to IESNA LM-79-2008 <sup>2</sup> Dimming at 120V only <sup>3</sup> Refer to ENERGY STAR Certified light fixtures database  
<sup>4</sup> This product is evaluated in accordance to NSF/ANSI 2 for Splash Zones having designated trim finishes

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, 6-pin Molex	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.

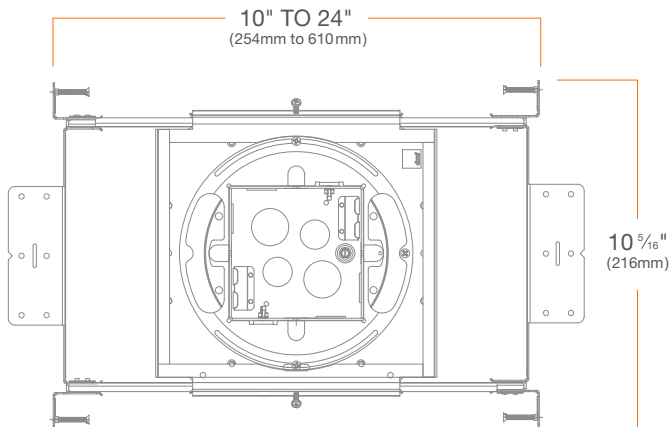
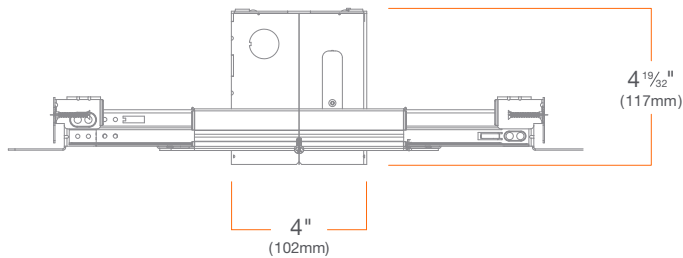
**MOUNTING:** Pre-installed mounting brackets allow vertical adjustment of bar hangers up to 1 1/4".

**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 1/2" trade size knockouts per side, three 3/4" trade size knockouts on two walls and four romex knockouts on two walls. Approved for 8 (four in, four out) #12 AWG 70°C

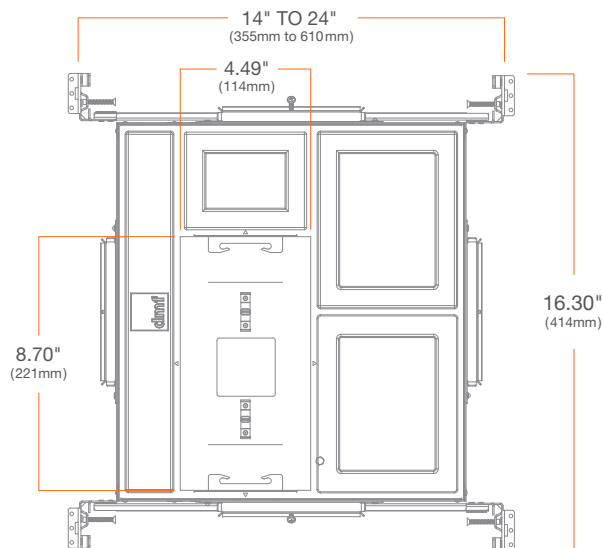
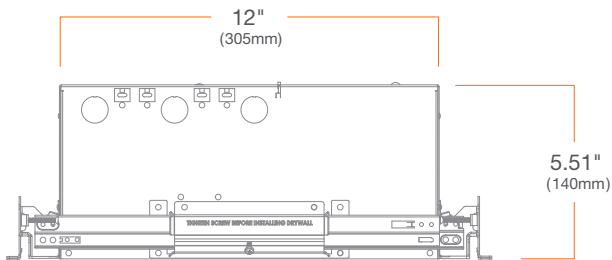
**BAR HANGER MOUNTING:** Adjustable Bar Hangers for 16" to 24" on-center joist spacing. Compatible with traditional joists, Armstrong™ ceiling and T-Bar

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

**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 1/2" trade size knockouts per side, three 3/4" trade size knockouts on two walls and four romex knockouts on two walls. Approved for 8 (four in, four out) #12 AWG 70°C

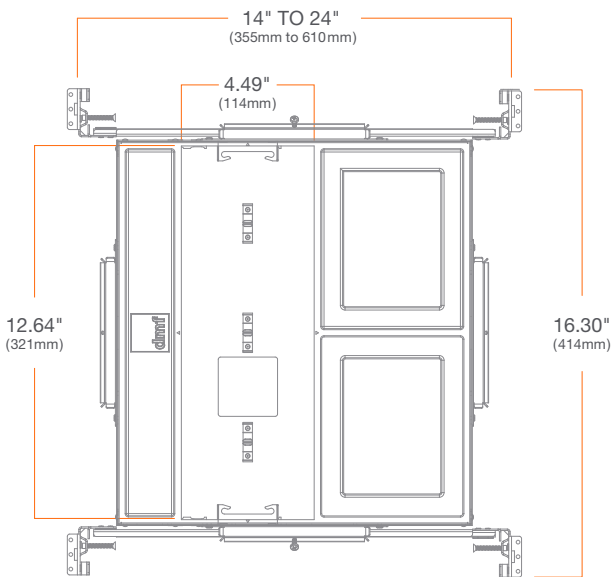
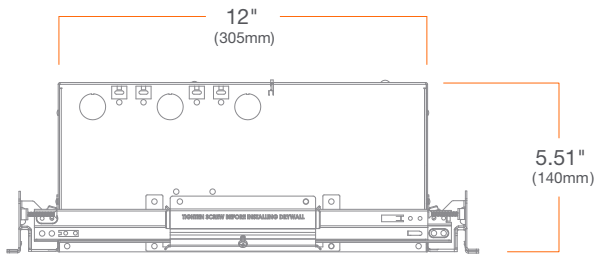
**BAR HANGER MOUNTING:** Adjustable Bar Hangers for 16" to 24" on-center joist spacing. Compatible with traditional joists, Armstrong™ ceiling and T-Bar

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

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

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

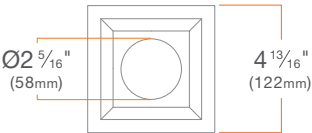
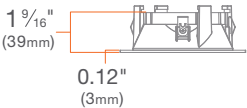
**WARRANTY:** 5 year limited warranty



MULTIPLES TRIMS

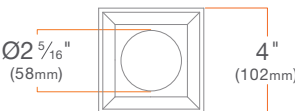
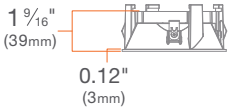
1-Head Standard

M4T1SWH



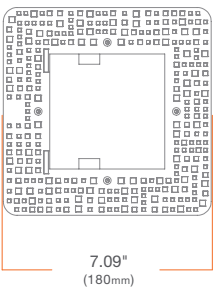
1-Head Flangeless

M4T1SWHFL



Square Flangeless Mudplate

M4XSMUD

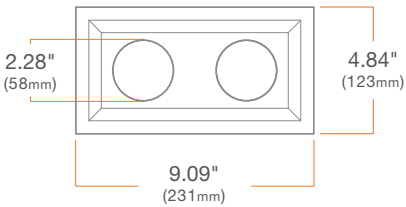
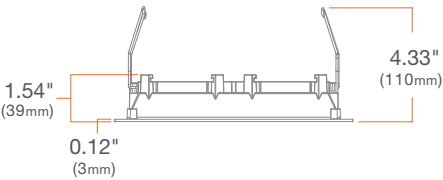




MULTIPLES TRIMS

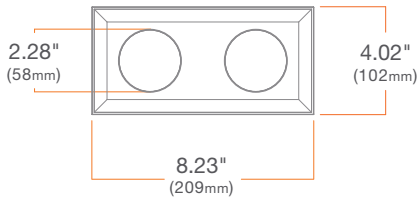
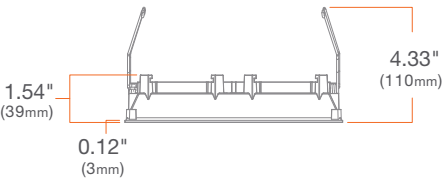
2-Head Standard

M4T2SWH



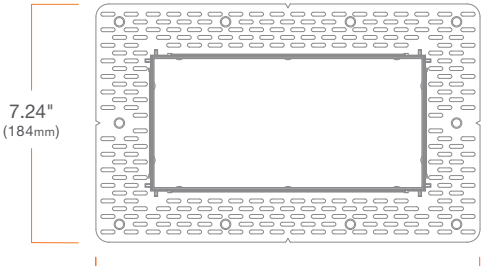
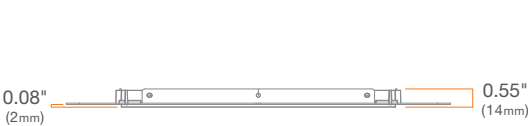
2-Head Flangeless

M4T2SWHFL



2-Head Flangeless Mudplate

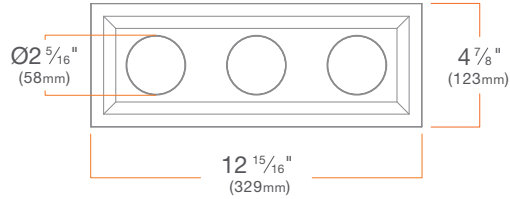
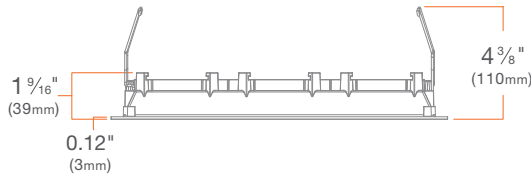
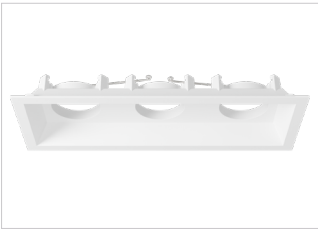
M4XS2MUD



MULTIPLES TRIMS

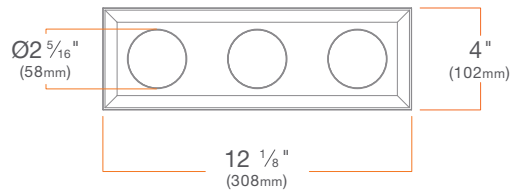
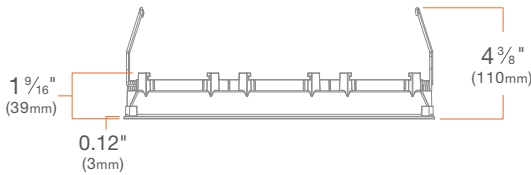
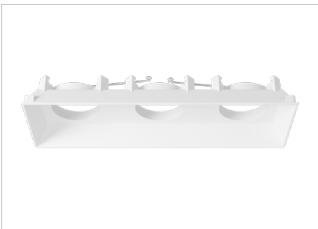
3-Head Standard

M4T3SWH



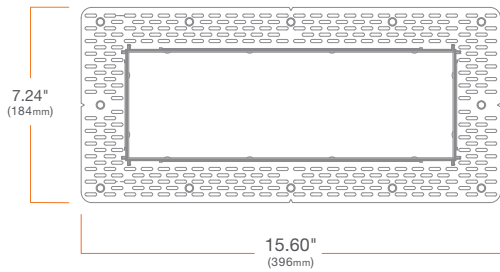
3-Head Flangeless

M4T3SWHFL



3-Head Flangeless Mudplate

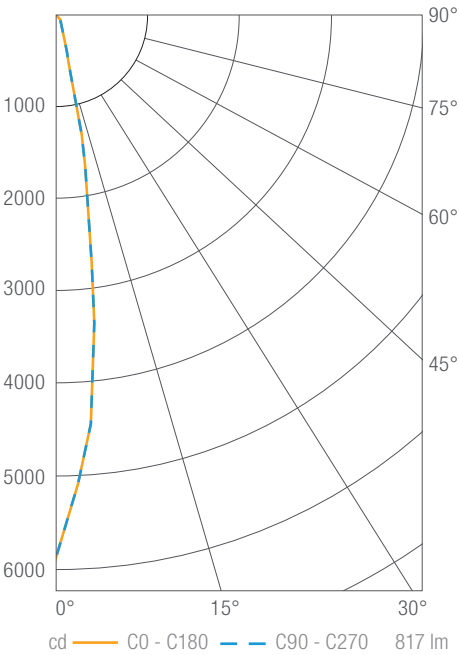
M4XS3MUD



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

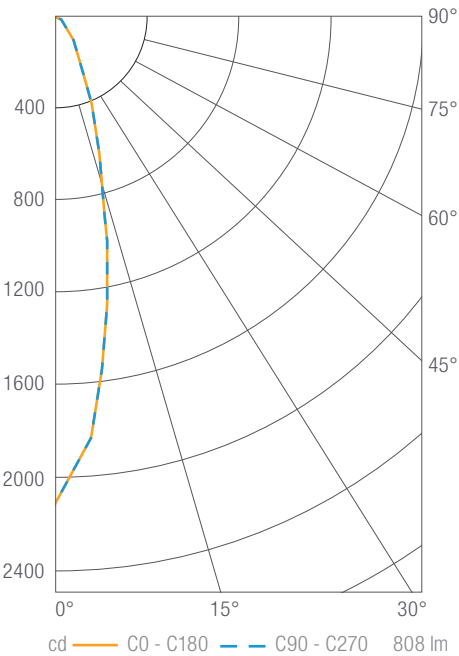
Illuminance Chart

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

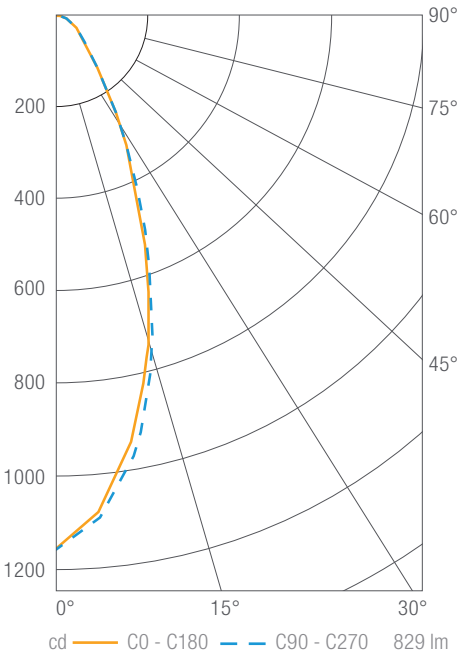
Distance from LED	Foot Candles	Diameter
3'	234	1.3'
6'	58	2.6'
9'	26	3.9'
12'	15	5.2'

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°