

Project:	Type:
Product Code:	Date:

V032425



Artafex 4" Round Adjustable

HIGH PERFORMANCE Produces up to 750 lumens of True Spectrum® lighting for natural, true-to-life colors without sacrificing stellar efficiency

PRECISE CONTROL Field-changeable light distribution ranging from 15° to 90°+

DIM TO DARK Smooth, flicker-free dimming down to 0.1% with centralized or local control

FAST INSTALL Integrated driver, plug-and-play connection, and Twist & Lock Trims

MODULAR DESIGN Flexibility during and after installation with interchangeable modules, optics and trims

INSTALLATION

Ceiling Thickness

New Construction: 1/2" up to 1 3/4"
 Spray Foam: 1/2" up to 2"
 Standard Remodel: 1/2" up to 1 1/4"
 Fire Rated Remodel: 5/8" up to 1 1/4"
 Low Profile: 1/2" up to 1 1/4"

Ceiling Material

Drywall, Millwork, Concrete

TRIMS

Aperture

4"

Shape

Round

Style

Standard, Flangeless, Hyperbolic, Pinhole

Finish

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

LIGHT OUTPUT & DISTRIBUTION

Module

Adjustable

Adjustment

360° direction aim, 45° tilt

Lumens (Power)

750 lm (12.5W)





Color Quality

True Spectrum®, 3-step SDCM

Color Temperature

Tunable White (4000K-1800K)

Beam Spread

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

POWER & CONTROLS








Input Voltage

120 / 277V

Dimming

PhaseX (0.1%)

RATINGS & CERTIFICATIONS

-  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
-  Chicago Plenum
-  RoHS Compliant
-  UL Listed for Damp Location (Covered areas only)

WARRANTY

5 year limited warranty; 50,000 hours



PRODUCT BUILDER

M SERIES HOUSING

PRODUCT CODE		APPLICATION		SHAPE		RATING	
M4				R			
M4	4" Housing	NC	New Construction	R	Round	S	Standard ²
		CP	Chicago Plenum ¹			F	Fire Rated ²
		LT	Low Profile, TRIAC/ELV (3" Plenum)				
		DH	Double Housing ¹				
		RM	Remodel				
		CC	Concrete Construction				

¹ Only available in Standard rating

² Not available for Concrete Construction installation

GATEWAY

PRODUCT CODE	
ART-GWX	
ART-GWX	DMX Input

ARTAFEX 4" ADJUSTABLE MODULE

PRODUCT CODE		LUMENS		CRI		CCT		BEAM SPREAD		FINISH		DIMMING	
ART4A		07		T		T1						X	
ART4A	Adjustable	07	750 lm	T	True Spectrum®	T1	Tunable White (4000K– 1800K)	SP	Spot (25°)	[Blank]	Black	X	PhaseX
								FL	Flood (40°)	W	White		
								LS	Linear Spread				
								SF	Soft Focus				

M SERIES TRIM

PRODUCT CODE		FINISH		OPTION	
M4TRS	Standard	WH	White	[Blank]	None
M4TRH	Hyperbolic ⁴	BK	Black	FL	Flangeless ⁵
M4TRP	Pinhole ⁴	BZ	Bronze		
		CW	Clear Diffuse, White Flange		
		CC	Custom Color (RAL Colors)		

M4XRMUD	Flangeless Mud Plate (Required for Flangeless Trim drywall installation)
M4KRTEMPLATE	Router Template (Recommended for wood installation)

⁴ Only available in White, Black or Custom Color finish

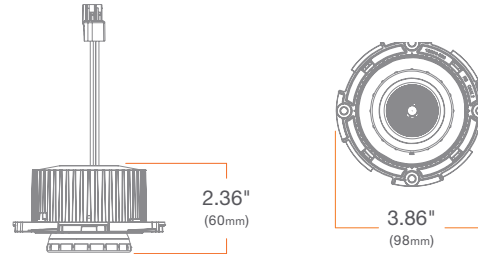
⁵ Not available in Clear Diffuse finish; Not available in Concrete Construction or Remodel Housing; Mud Plate is required for all Flangeless trims except for wood ceiling applications

PRODUCT BUILDER

OPTICS ACCESSORIES

PRODUCT CODE	
DID4X-SP	Adjustable Spot (25°)
DID4X-FL	Adjustable Flood (40°)
DID4X-LS	Adjustable Linear Spread (60° x 30°)
DID4X-SF	Adjustable Soft Focus
DID4X-OP	Adjustable Optics Kit: Spot (25°), Flood (40°), Linear Spread (60° x 30°), Soft Focus

ADJUSTABLE MODULE



SUMMARY

TUNABLE WHITE

CCT	4000K - 1800K
LUMENS (POWER)	750 lm (12.5W)
EFFICACY	60 lm/W
COLOR QUALITY	True Spectrum [®] 93 CRI, 3-step SDCM
DIMMING	PhaseX
LED CHIP	Bridgelux
BEAM SPREAD	Spot (25°), Flood (40°), Linear Spread (60° x 30°), Soft Focus
LISTINGS	ENERGY STAR [®] qualified ¹ , California Title 24 2016-2022 JA8-E compliant, UL Listed for Damp Location, UL Certified US-CA, Declare, RoHS compliant
ADJUSTMENT	360° directional aim, 45° tilt
SLOPE CEILING COMPATIBILITY	Up to 45°

¹ 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, 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

HOUSING



M Series

New Construction

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"

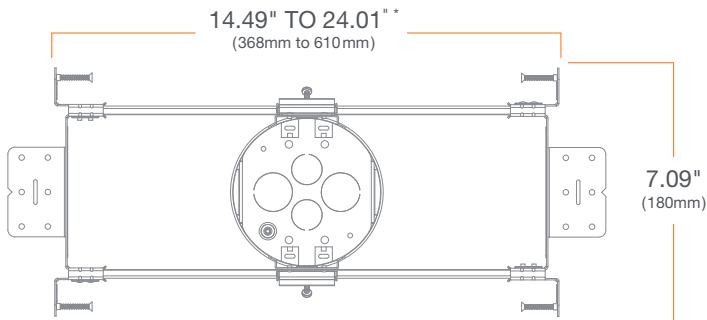
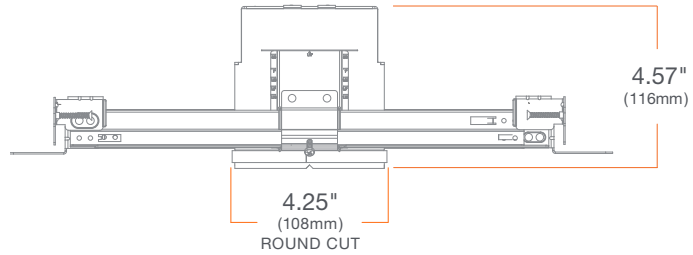
CUTOUT: 4 1/4" (108mm) round opening

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

WARRANTY: 5 year limited warranty

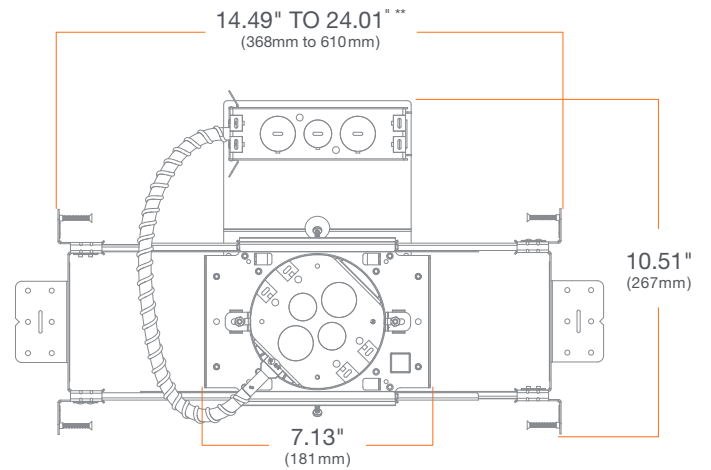
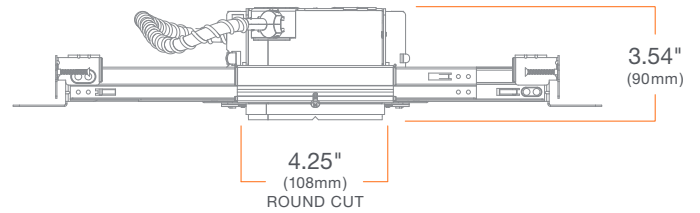
New Construction

- M4NCRS (Standard)
- M4NCRF (Fire Rated)
- M4CPRS (Chicago Plenum)



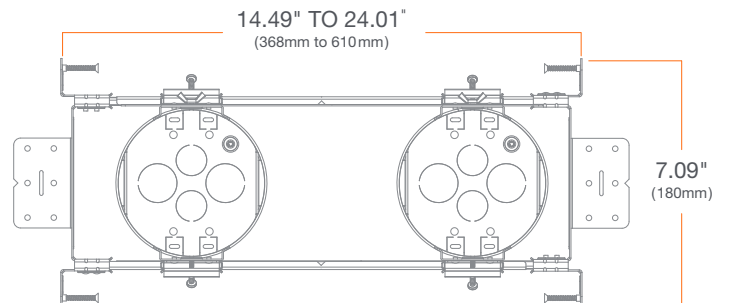
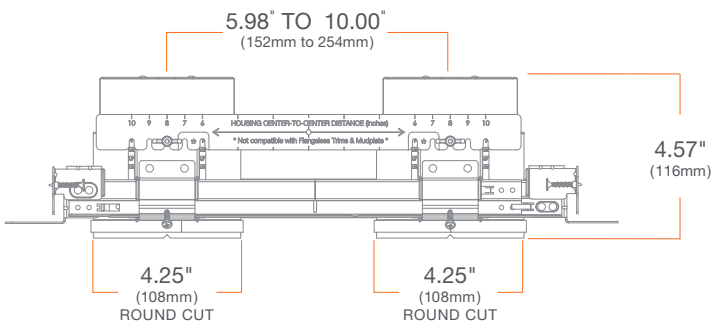
Low-Profile

- M4LTRS (Standard)
- M4LTRF (Fire Rated)



Double Housing

- M4DHRS



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

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

HOUSING



Spray Foam

M4SFRS

SUMMARY

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

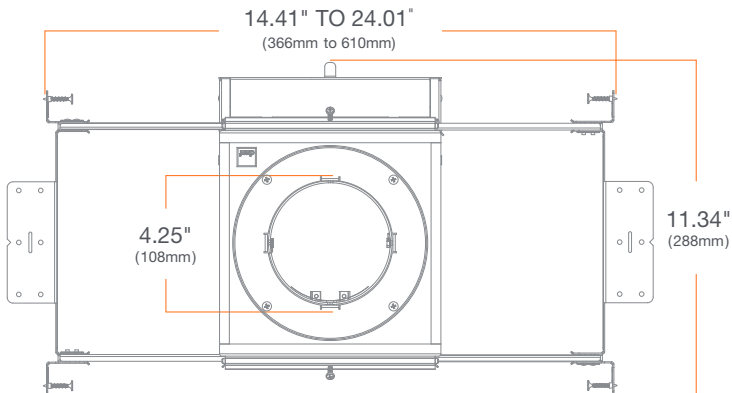
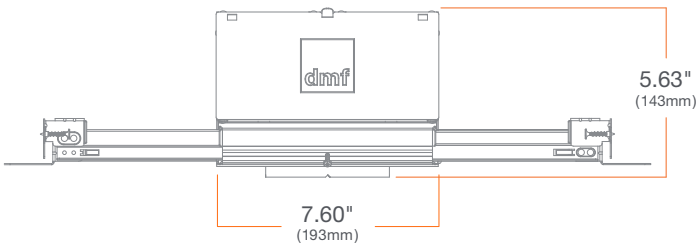
MOUNTING: Adjustable Bar Hanger for 16" to 24" joist spacing. Compatible with traditional joists, Armstrong™ ceiling, Hat Channel and T-bar

CEILING: 1/2" to 2"

CUTOUT: 4 1/4" (108mm) round opening

LISTINGS: ASTM E283 certified Air Tight, IC (Insulation Contact) up to R-32 for Roll, Batt, and Loose Fill, up to R-60 Spray Foam with standard trims

WARRANTY: 5 year limited warranty



HOUSING



M Series

Remodel

M4RMRS (Standard)

M4RMRF (Fire Rated)

SUMMARY

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

MOUNTING: Pre-installed mounting spring clips

CEILING: 5/8" up to 1 1/4"

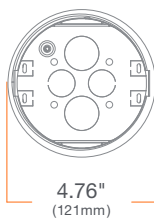
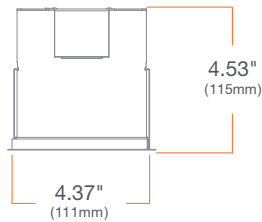
CUTOUT: Standard Version : 4 3/8" (111mm) round opening
 Fire Rated Version : 4 1/2" (114mm) round opening

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

WARRANTY: 5 year limited warranty

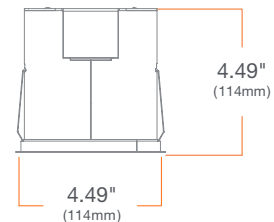
Standard

M4RMRS



Fire Rated

M4RMRF



HOUSING



M Series

Concrete Construction

M4CC

SUMMARY

JUNCTION BOX: Equipped with (4) trade size concentric knockouts (3/4" + 1/2") to allow straight conduit runs. Approved for 8 (four in, four out) #12 AWG 90°C.

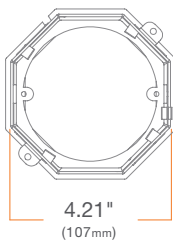
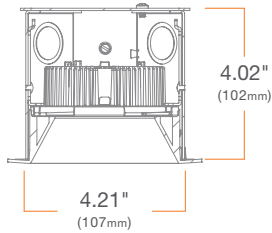
MOUNTING: (2) external tabs for wood, steel or concrete mounting

COVER: Removable top cover for easy access to electrical wiring work prior to concrete pour

APPLICATION: Poured deck (floor) high-rise new construction

LISTINGS: Metallic outlet box certified UL514A, concrete tight, code compliant for use in appropriate fire-rated assemblies for up to 2-hours, STC/IIC Sound Rated, ASTM E283 certified Air Tight

WARRANTY: 5 year limited warranty



TRIMS



M Series

4" Round Trims

M4TR

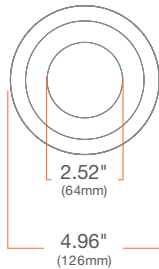
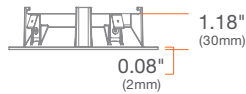
SUMMARY

CONSTRUCTION: Die-cast aluminum

INSTALLATION: Twist & Lock

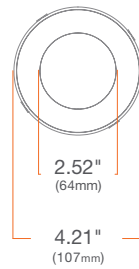
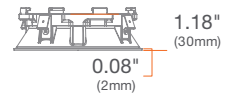
Standard

M4TRSWH



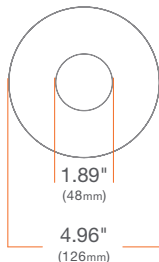
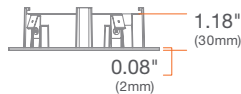
Standard Flangeless

M4TRSWHFL



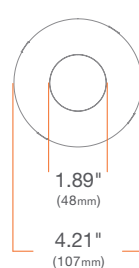
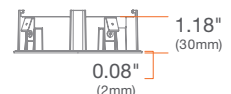
Pinhole

M4TRPWH



Pinhole Flangeless

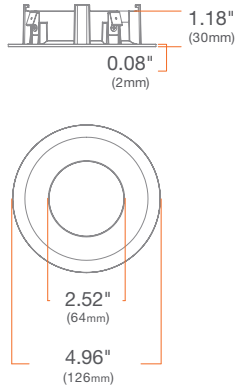
M4TRPWHFL



TRIMS

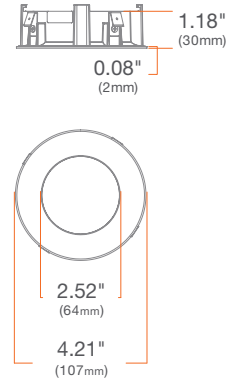
Hyperbolic

M4TRHWH



Hyperbolic Flangeless

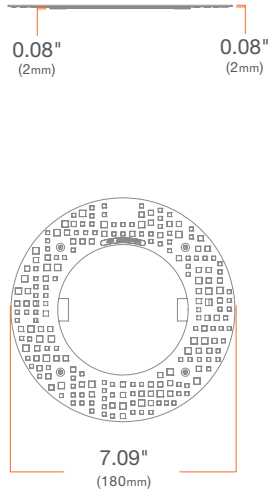
M4TRHWHFL



ACCESSORIES

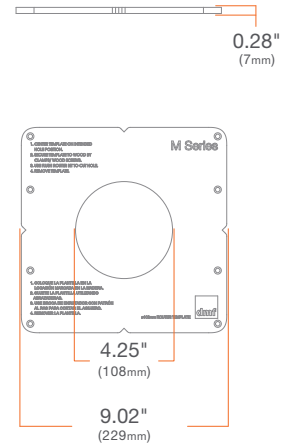
Flangeless Mud Plate

M4XRMUD



Router Template

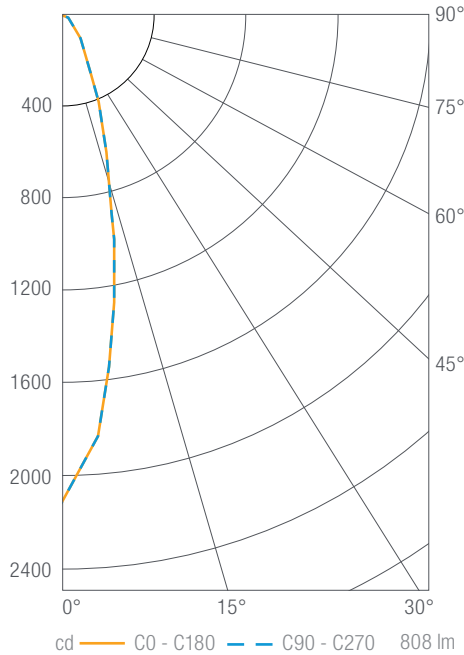
M4KRTEMPLATE



PHOTOMETRY

ART4A 750 lm, 3000K, Spot

ART4AM07930SP



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

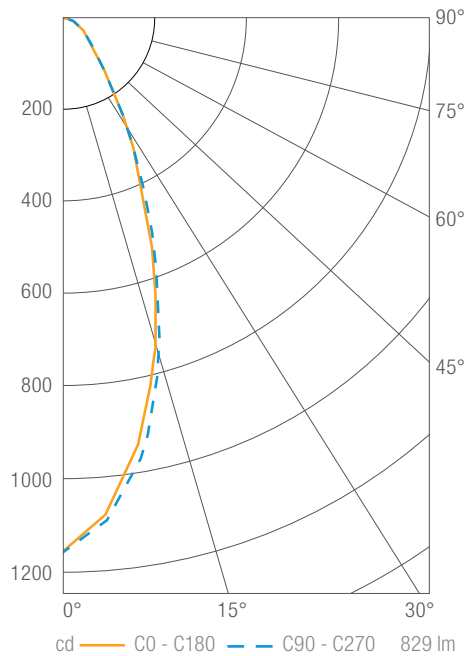
Illuminance Chart

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°

ART4A 750 lm, 3000K, Flood

ART4AM07930FL



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

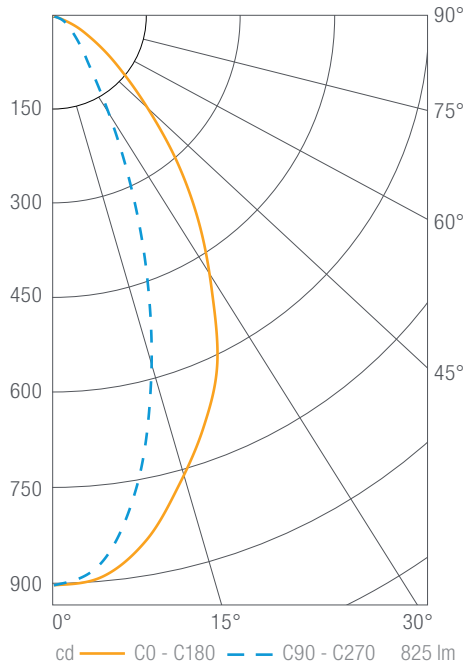
Distance from LED	Foot Candles	Diameter
3'	129	2.2'
6'	32	4.5'
9'	14	6.7'
12'	8	9.0'

Beam Angle: 41°

PHOTOMETRY

ART4A 750 lm, 3000K, Linear Spread

ART4AM07930LS



Luminous Intensity

Gamma	C 0°
0°	895
5°	885
10°	838
15°	763
20°	689
25°	608
30°	497
35°	399
40°	305
45°	216
50°	150
55°	103
60°	66
65°	41
70°	17
75°	4
80°	1
85°	1
90°	0

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	468	57
0-40	626	76
0-60	790	96
0-90	825	100
0-180	825	100

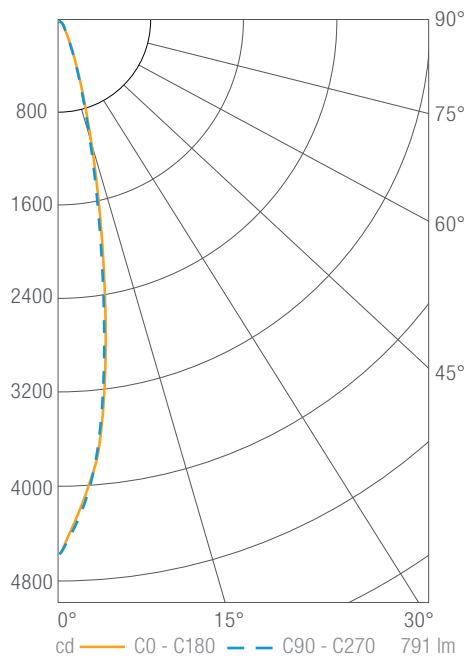
Illuminance Chart

Distance from LED	Foot Candles	Diameter
3'	99.5	3.8'
6'	24.9	7.7'
9'	11.1	11.5'
12'	6.2	15.3'

Beam Angle: 65° x 38°

ART4A 750 lm, 3000K, Soft Focus

ART4AM07930SF



Luminous Intensity

Gamma	C 0°
0°	4451
5°	3648
10°	2150
15°	1009
20°	465
25°	227
30°	125
35°	82
40°	62
45°	49
50°	40
55°	32
60°	25
65°	17
70°	9
75°	3
80°	1
85°	1
90°	0

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	661	84
0-40	710	90
0-60	771	97
0-90	791	100
0-180	791	100

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3'	495	1.0'
6'	124	2.1'
9'	55	3.1'
12'	31	4.1'

Beam Angle: 19°

Values in candela