

Project:	Type:
Product Code:	Date:

V011025



Classic Retrofit Trims

HIGH PERFORMANCE Produces up to 1500 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 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

PHYSICAL

Application

Retrofit

Aperture

4", 5", 6"

TRIMS

Style

Smooth: 4", 5", 6"
Baffle: 4", 6"

Finish

White, Black

SPECIALTY LENS (ADJUSTABLE)

● Hexcell Louver

LIGHT OUTPUT & DISTRIBUTION

Module

Downlight, Adjustable

Adjustment

360° directional aim, 45° tilt

Lumens (Power)

Downlight: 750 lm (9.5W), 1000 lm (12.0W), 1250 (14.3W), 1500 lm (14.3W)
Adjustable: 750 lm (9.5W), 1000 lm (12.5W)

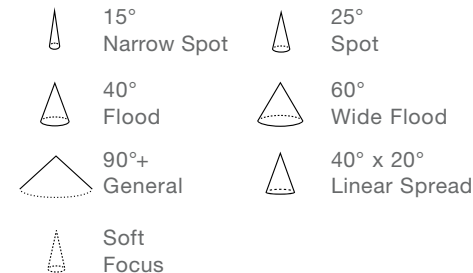
Color Quality

True Spectrum™, 2-step SDCM

Color Temperature

● 2700K ● 3000K ● 3500K
● 4000K ● Warm Dim (3000K–1800K)

Beam Spread



POWER & CONTROLS

Input Voltage

120 / 277V

Dimming

TRIAC/ELV (1%)

RATINGS & CERTIFICATIONS

- UL Listed for Wet Location
- NSF Listed
- DarkSky Approved (CCT less than or equal to 3000K)

WARRANTY

10 year limited warranty; 50,000 hours



Declare.



PRODUCT BUILDER

4" DOWNLIGHT MODULE

PRODUCT CODE		LUMENS		COLORMETRIC		CCT		BEAM SPREAD		FINISH		DIMMING	
ART4D				T						-		T	
ART4D	Downlight	07	750 lm	T	True Spectrum™	27	2700K	GA	General Ambient (90°+)	[Blank]	Black	T	TRIAC/ELV
		10	1000 lm			30	3000K	NS	Narrow Spot (15°) ²				
		12	1250 lm			35	3500K	SP	Spot (25°)				
		15	1500 lm			40	4000K	FL	Flood (40°)				
						3W	Warm Dim ¹ (3000K– 1800K)	WF	Wide Flood (60°)				
								LS	Linear Spread				
								SF	Soft Focus				

¹ Only available in 1000 lm

² Only available in 750 lm

4" ADJUSTABLE MODULE

PRODUCT CODE		LUMENS		COLORMETRIC		CCT		BEAM SPREAD		FINISH		DIMMING	
ART4A				T								T	
ART4A	Adjustable	07	750 lm ³	T	True Spectrum™	27	2700K	NS	Narrow Spot (15°) ²	[Blank]	Black	T	TRIAC/ELV
		10	1000 lm			30	3000K	SP	Spot (25°)	W	White		
						35	3500K	FL	Flood (40°)				
						40	4000K	LS	Linear Spread				
						3W	Warm Dim ⁴ (3000K– 1800K)	SF	Soft Focus				
								NH	Narrow Spot w/ Hex Louver ⁵				
								SH	Spot w/ Hex Louver				
								FH	Flood w/ Hex Louver				

³ Only available in Narrow Spot

⁴ Only available in 1000 lm

⁵ Only available in 750 lm

CLASSIC RETROFIT TRIMS

PRODUCT CODE		SHAPE		APERTURE		STYLE		FINISH	
DRD2T		R							
DRD2T	Trim	R	Round	4	4" Aperture	S	Smooth	WH	White
				5	5" Aperture	B	Baffle ⁶	BK	Black
				6	6" Aperture				

⁶ Only available in White finish

PRODUCT BUILDER

ADAPTER (OPTIONAL)⁷

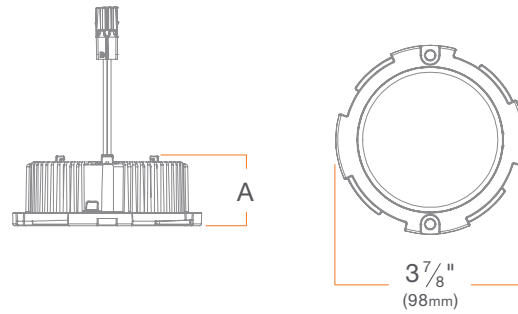
DRD2X-QCM-ED	Edison Adapter
DRD2X-QCM-GU	GU-24 Adapter
DRD2X-QCM-M	PowerPlug Luminaire Disconnect Male Adapter

⁷ Module features PowerPlug Luminaire Disconnect Female Connector and ships with PowerPlug Male Connector to Electrical Leads Adapter

OPTIC ACCESSORIES

DID2X-GA	Conversion Kit: DID2 Module to General Ambient (90°+)
DID2X-NS	Narrow Spot (15°)
DID2X-SP	Spot (25°)
DID2X-FL	Flood (40°)
DID2X-WF	Wide Flood (60°)
DID2X-LS	Linear Spread (40° x 20°)
DID2X-SF	Soft Focus
DID2X-OP	Optics Kit: Narrow Spot (15°), Spot (25°), Flood (40°), Wide Flood (60°), Linear Spread (40° x 20°), Soft Focus

DOWNLIGHT MODULE



Measurements

Standard

A

1 7/16" [37 mm]

SUMMARY

	STATIC CCT	WARM DIM
CCT	2700K, 3000K, 3500K, 4000K	3000K - 1800K
LUMENS (POWER)	750 lm (9.5W), 1000 lm (12.0W), 1250 lm (14.3W), 1500 lm (14.3W) ¹	1000 lm (12.0W)
EFFICACY	77 lm/W, 83 lm/W, 87 lm/W, 91 lm/W	83 lm/W
COLOR QUALITY	True Spectrum™ 98 CRI, 2-step SDCM	True Spectrum™ 93 CRI, 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	TRIAC/ELV
LED CHIP	Cree Pro9	Bridgelux
LISTINGS	ENERGY STAR® qualified ² , California Title 24 2016-2022 JA8-E compliant, UL Listed for Wet Location, UL Certified US-CA, Declare, RoHS compliant, NSF/ANSI 2 listed, suitable for splash-zone ³ , Dark Sky Compliant ⁴	

¹ 1500 lm module is 93 CRI

² Refer to ENERGY STAR Certified light fixtures database

³ This product is evaluated in accordance to NSF/ANSI 2 for Splash Zone having designated trim finishes

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, 6-pin Molex

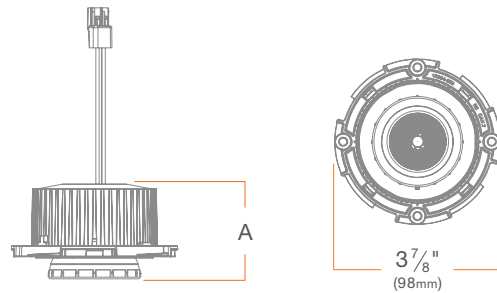
POWER FACTOR: Greater than 0.9

TOTAL HARMONIC DISTORTION: Less than 20%

AMBIENT OPERATING TEMPERATURE: -20°C to 40°C

WARRANTY: 10 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	2700K, 3000K, 3500K, 4000K	3000K - 1800K
LUMENS (POWER)	750 lm (9.5W), 1000 lm (12.0W)	1000 lm (12.0W)
EFFICACY	77 lm/W, 83 lm/W	83 lm/W
COLOR QUALITY	True Spectrum™ 98 CRI, 2-step SDCM	True Spectrum™ 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	Cree Pro 9	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, NSF/ANSI 2 listed, suitable for splash-zone ³ , Dark Sky Compliant ⁴	
ADJUSTMENT	360° directional aim, 45° tilt	
SLOPE CEILING COMPATIBILITY	Up to 45°	

¹ Dimming at 120V only

² Refer to ENERGY STAR Certified light fixtures database

³ This product is evaluated in accordance to NSF/ANSI 2 for Splash Zone having designated trim finishes

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, 6-pin Molex

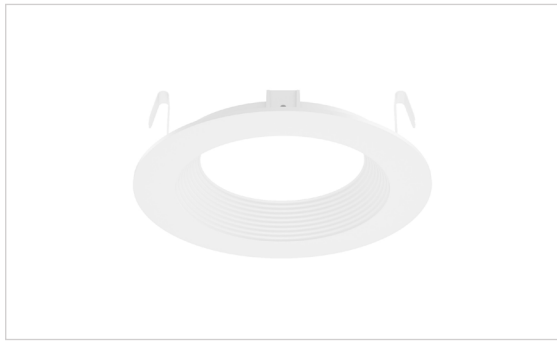
POWER FACTOR: Greater than 0.9

TOTAL HARMONIC DISTORTION: Less than 20%

AMBIENT OPERATING TEMPERATURE: -20°C to 40°C

WARRANTY: 10 year limited warranty; 50,000 hours at 70% lumen maintenance

TRIMS



Classic Retrofit Trims

4", 5", 6" Aperture

DRD2T

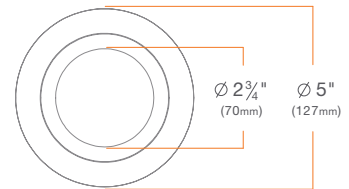
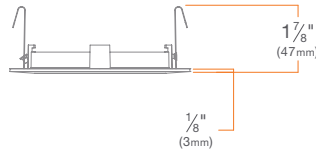
SUMMARY

CONSTRUCTION: Die-cast aluminum

INSTALLATION: Twist & Lock

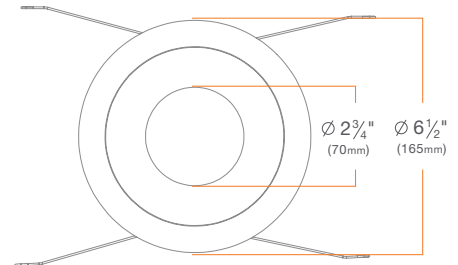
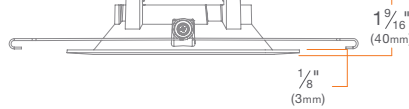
4" Round Trim

DRD2TR4SWH



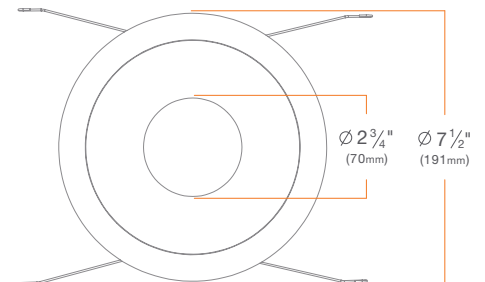
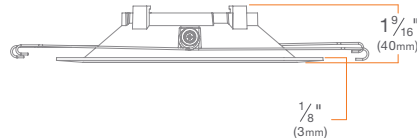
5" Round Trim

DRD2TR5SWH



6" Round Trim

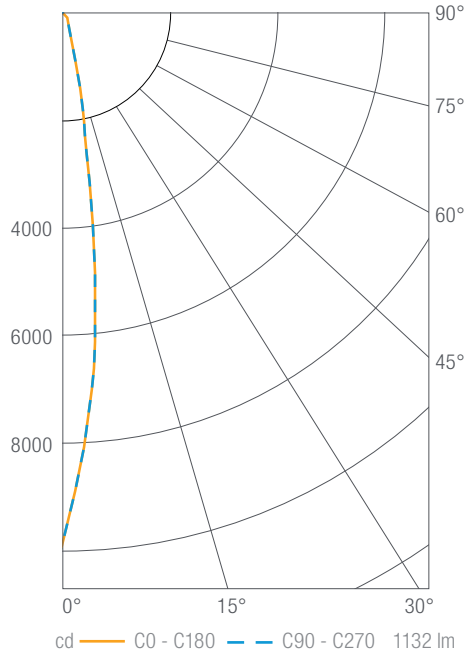
DRD2TR6SWH



PHOTOMETRY

ART4D 1000 lm, 3000K, Narrow Spot

ART4DM10930NS



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

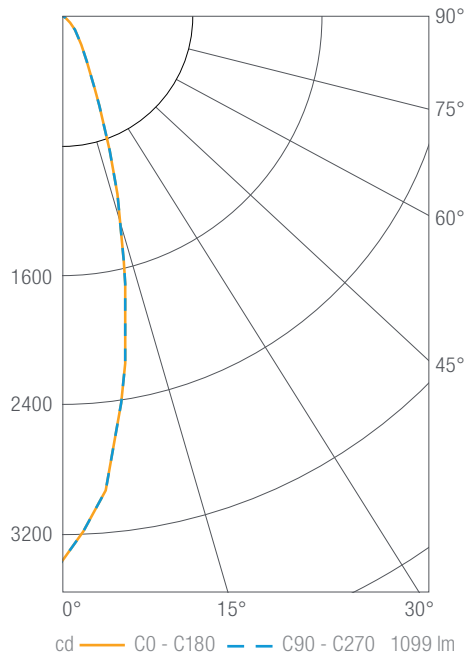
Illuminance Chart

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°

ART4D 1000 lm, 3000K, Spot

ART4DM10930SP



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

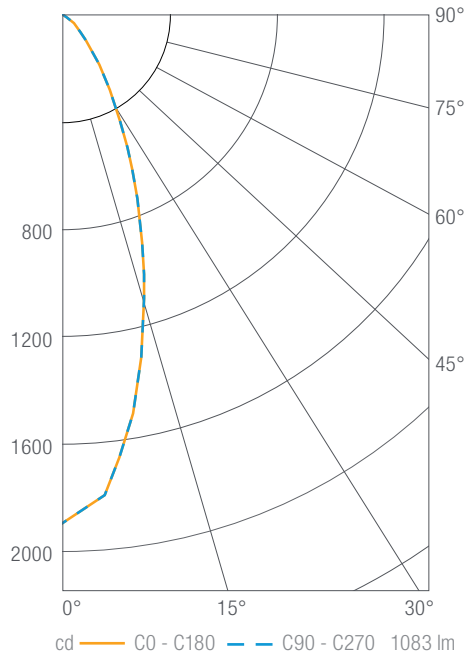
Distance from LED	Foot Candles	Diameter
3'	374	1.4'
6'	93	2.8'
9'	42	4.2'
12'	23	5.6'

Beam Angle: 26°

PHOTOMETRY

ART4D 1000 lm, 3000K, Flood

ART4DM10930FL



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

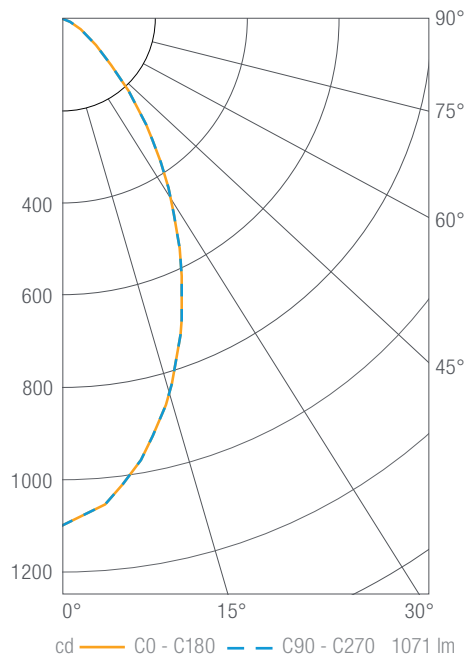
Illuminance Chart

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°

ART4D 1000 lm, 3000K, Wide Flood

ART4DM10930WF



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

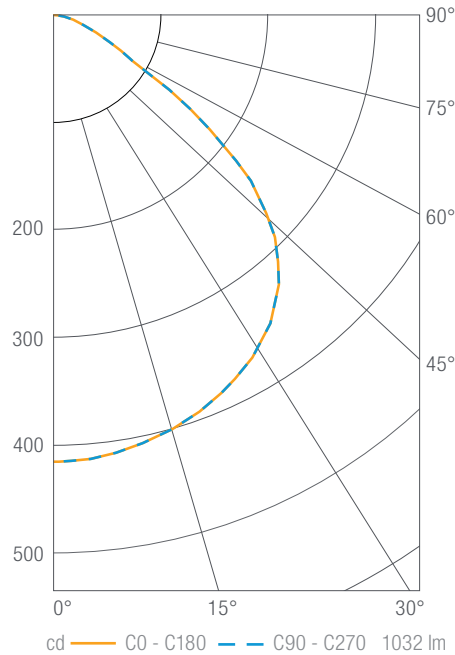
Distance from LED	Foot Candles	Diameter
3'	122	3.1'
6'	31	6.2'
9'	14	9.3'
12'	8	12.3'

Beam Angle: 55°

PHOTOMETRY

ART4D 1000 lm, 3000K, General Ambient

ART4DM10930GA



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

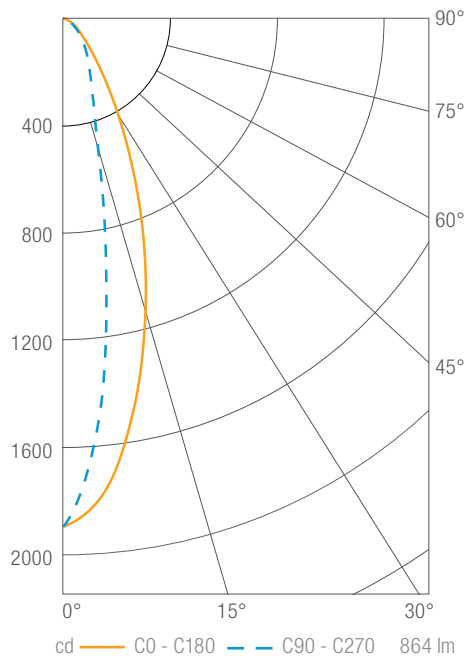
Illuminance Chart

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°

ART4D 1000 lm, 3000K, Linear Spread

ART4DM10930LS



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

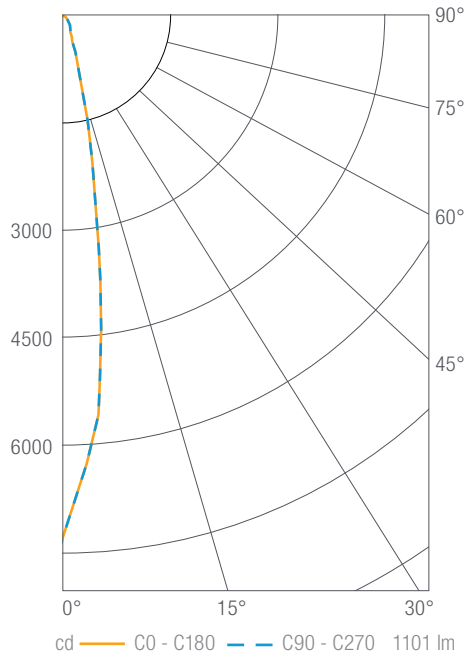
Distance from LED	Foot Candles	Diameter
3'	209	2.1'
6'	52	4.2'
9'	23	6.4'
12'	13	8.5'

Beam Angle: 20°

PHOTOMETRY

ART4D 1000 lm, 3000K, Soft Focus

ART4DM10930SF



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

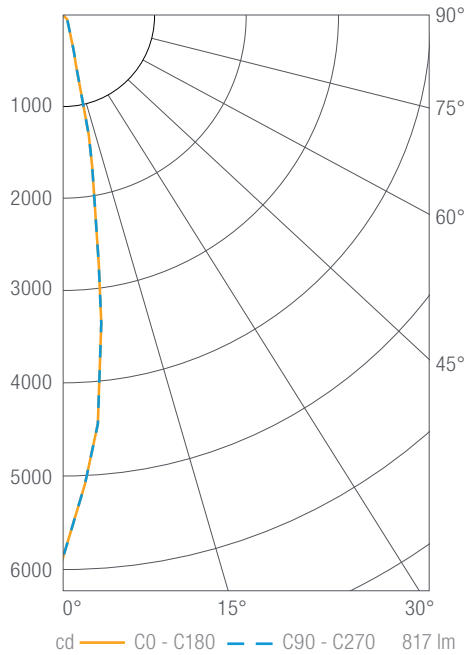
Distance from LED	Foot Candles	Diameter
3'	809	0.9'
6'	202	1.7'
9'	90	2.6'
12'	51	3.4'

Beam Angle: 16°

PHOTOMETRY

ART4A 750 lm, 3000K, Narrow Spot

ART4AM07930NS



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

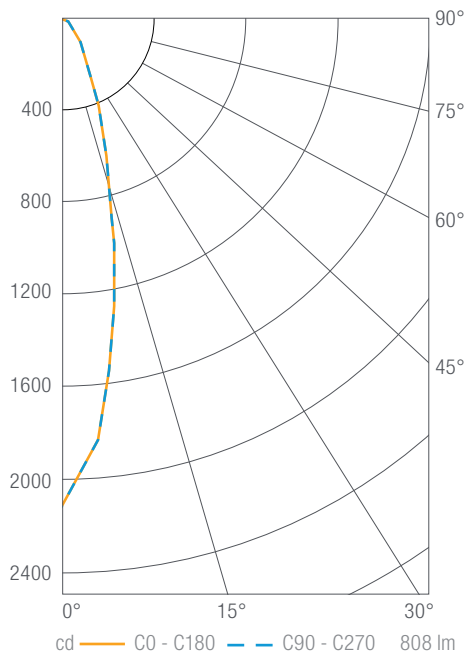
Illuminance Chart

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°

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

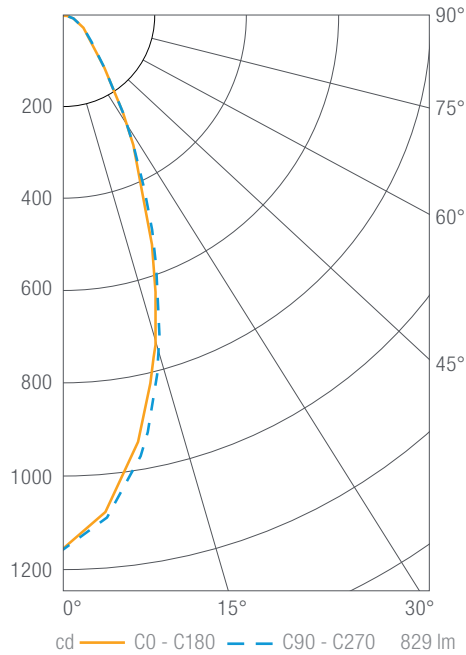
Distance from LED	Foot Candles	Diameter
3'	234	1.3'
6'	58	2.6'
9'	26	3.9'
12'	15	5.2'

Beam Angle: 28°

PHOTOMETRY

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

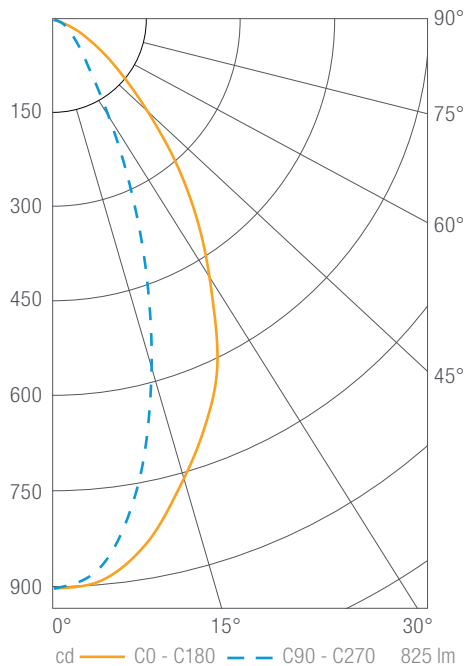
Illuminance Chart

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°

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

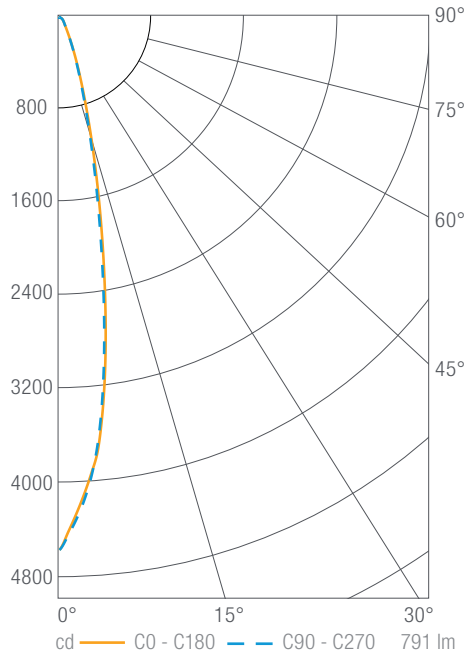
Distance from LED	Foot Candles	Diameter
3'	99.5	3.8'
6'	24.9	7.7'
9'	11.1	11.5'
12'	6.2	15.3'

Beam Angle: 38°

PHOTOMETRY

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

Values in candela

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°