

DID4

Adjustable Integrator Recessed Downlight

Retrofit
4", 5", 6" Aperture

Project:	Type:
Product Code:	Date:

Spec Sheet V - 05.01.21



ENGINEERED FOR CUSTOM INTEGRATORS

FULLY ADJUSTABLE 360° directional aiming for complete light coverage

PRECISE CONTROL Class leading 45° tilt with 15°, 25° or 40° field-changeable light distributions

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

OPTICAL

Adjustment

360° directional aim, 45° tilt

Delivered Lumens (Power)

750 lm (9.5W), 1000 lm (12.5W)

Color Quality

93+ CRI, 2-step SDCM

Color Temperature

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

Beam Spread

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

Specialty Lens

Hexcell Louver

PHYSICAL

Application

Retrofit

Aperture

4", 5", 6"

Ceiling Thickness

1/2" up to 1 3/4"

TRIMS

Available Trims

4": Beveled, Baffle; 5": Beveled, Baffle;
6": Beveled, Baffle

Trim Finish

White, Black, Silver, Custom

ELECTRICAL & CONTROLS

Input Voltage

120 / 277V

1% Dimming

TRIAC/ELV

RATINGS

Module Ratings

UL Listed for Damp Location



Declare.





PRODUCT BUILDER

DID4 MODULE

PRODUCT CODE		LUMENS		CRI		CCT		BEAM SPREAD		FINISH		SPECIALTY LENS		DIMMING	
DID4M	Module	07	750 lm	9	93+ CRI	27	2700K	NS	Narrow Spot (15°) ²	[Blank]	Black	[Blank]	None	T	Integrated TRIAC/ELV
		10	1000 lm			30	3000K	SP	Spot (25°)	W	White	H	Hexcell ³		
						35	3500K	FL	Flood (40°)						
						40	4000K	LS	Linear (60° x 30°)						
						3W	Warm Dim ¹	SF	Soft Focus						

RETROFIT TRIM

PRODUCT CODE		SHAPE		APERTURE		STYLE		FINISH	
DRD2T	Trim	R	Round	4	4" Aperture	S	Beveled	WH	White
				5	5" Aperture	B	Baffle	BK	Black
				6	6" Aperture			SW	Silver Reflector, White Flange
								CC	Custom Color

ADAPTER (OPTIONAL)⁴

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

¹ Only available in 1000 lm

² Not available in Warm Dim CCT

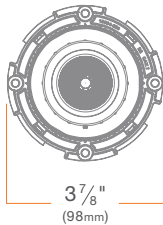
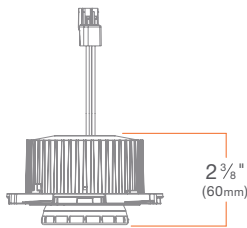
³ Not available in Soft Focus beam spread

⁴ Module features PowerPlug Luminaire Disconnect Female Connector and ships with PowerPlug Male Connector to Electrical Leads Adapter

OPTICS ACCESSORIES

PRODUCT CODE	
DID4X-NS	Narrow Spot (15°)
DID4X-SP	Spot (25°)
DID4X-FL	Flood (40°)
DID4X-LS	Linear Spread (60° x 30°)
DID4X-SF	Soft Focus
DID4X-OP	Optics Kit: Narrow Spot (15°), Spot (25°), Flood (40°), Linear Spread (60° x 30°), Soft Focus
DID4X-HL	Hexcell Louver

MODULE



DID4

Adjustable Integrator Module

DID4M

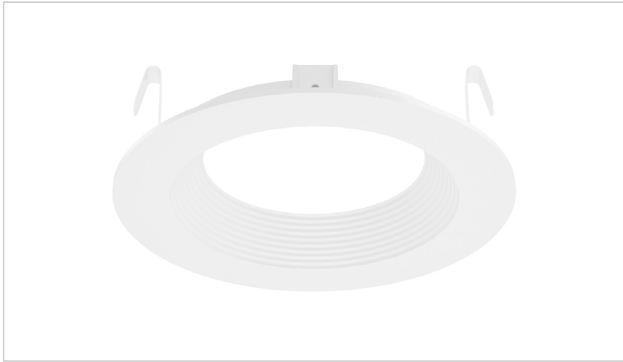
SUMMARY

ADJUSTMENT: 360° directional aim, 45° tilt**SLOPE CEILING COMPATIBILITY:** Up to 45°**LED CHIP:** Cree**DELIVERED LUMENS (w Trim):** 750 lm (9.7W), 1000 lm (12.0W)**EFFICACY:** 82 lm/W**COLOR QUALITY:** 93+ CRI, 2-step SDCM**CCT:** 2700K, 3000K, 3500K, 4000K**BEAM SPREAD:** Narrow Spot (15°), Spot (25°), Flood (40°), Linear Spread (60° x 30°), Soft Focus**SPECIALTY LENS:** Hex Louver**CONNECTOR:** PowerPlug® Luminaire Disconnect Model 182**INPUT VOLTAGE:** 120/277V, 50/60Hz**DIMMING:** Down to less than 1% for TRIAC/ELV at 120V**MAX INPUT CURRENT (120V):** 0.090 amps, 0.107 amps**MAX INPUT CURRENT (277V):** 0.042 amps, 0.050 amps**POWER FACTOR:** Greater than 0.9**TOTAL HARMONIC DISTORTION:** Less than 20%**AMBIENT OPERATING TEMPERATURE:** -20°C to 40°C**PHOTOMETRIC TESTING:** Tested in accordance to IESNA LM-79-2008**LISTINGS:** ENERGY STAR® qualified*, California Title 24 2016 JA8 compliant, UL Listed for Damp Location, cULus Listed, Declare**LIFETIME:** 50,000 hours at 70% lumen maintenance**WARRANTY:** 10 year limited warranty

WARM DIM OPTION

LED: Bridgelux LED, **DELIVERED LUMENS (w Trim):** 1000 lm (12.0W),**EFFICACY:** 83 lm/W, **CCT RANGE:** 3000K - 1800K, **MAX INPUT****CURRENT (120V):** 0.11 amps, **MAX INPUT CURRENT (277V):** 0.047 amps*Excludes Pinhole Trims

TRIM



Classic Trims

4", 5", 6" Aperture

DRD2T

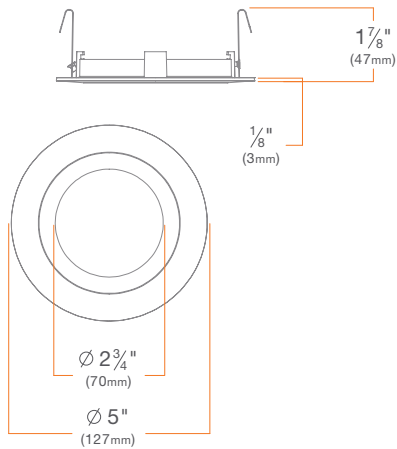
SUMMARY

CONSTRUCTION: Die-cast aluminum

INSTALLATION: Twist & Lock

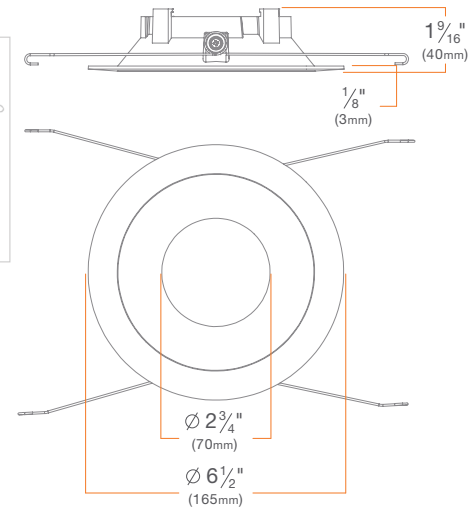
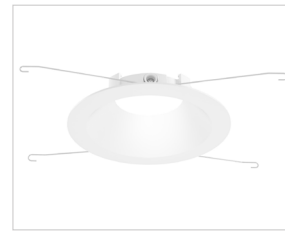
4" Round Trim

DRD2TR4SWH



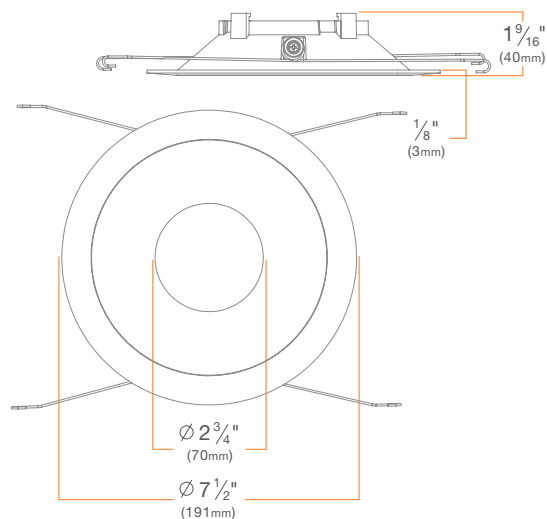
5" Round Trim

DRD2TR5SWH

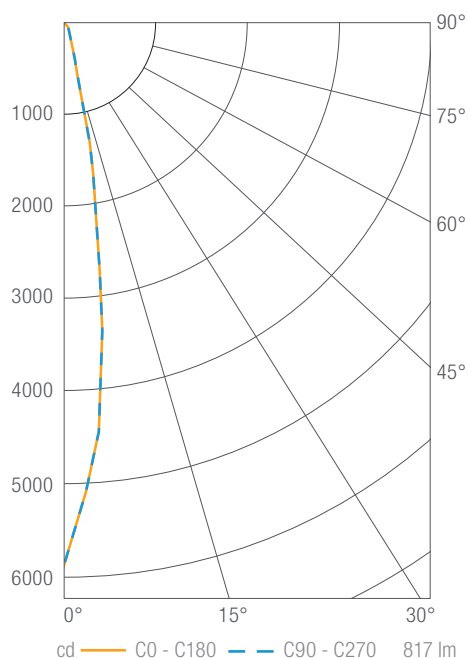


6" Round Trim

DRD2TR6SWH



PHOTOMETRY

DID4 750 lm, 3000K, Narrow Spot**DID4M07930NS**

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

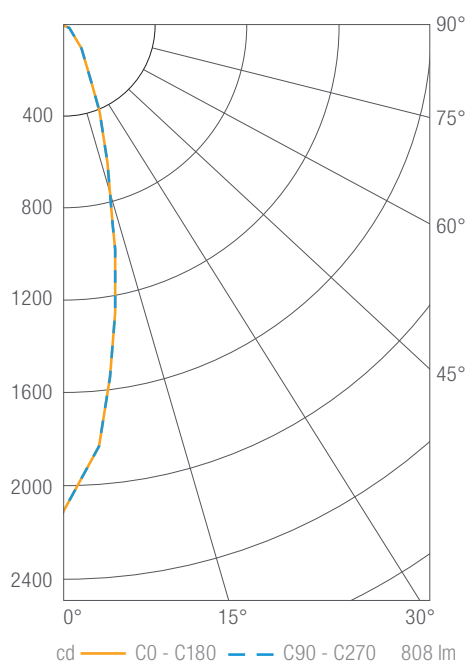
Zonal Lumen Summary

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°

DID4 750 lm, 3000K, Spot**DID4M07930SP**

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'

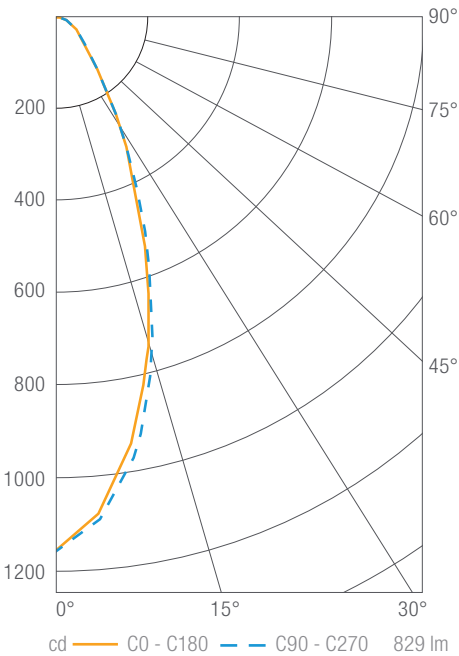
Beam Angle: 28°



PHOTOMETRY

DID4 750 lm, 3000K, Flood

DID4M07930FL



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°