



Project:	Type:
Product Code:	Date:

V062923



2" Retrofit Conversion Kits

SMALL APERTURE Delivers the ultimate in quiet ceiling designs

PRECISION LOCK COLLAR Ensures flush and secure fit

ARCHITECTURE-GRADE Deep die-cast aluminum knife edge trim provide unmatched precision and performance

DIMMING COMPATIBILITY GUARANTEED

Bespoke integrated driver ensures seamless compatibility with every major lighting control system

INSTALLATION

Application

Retrofit:
6" to 2" Round Conversion
4" or 5" to 2" Round Conversion
6" to 2" Square Conversion

Ceiling Material

Drywall

TRIMS

Style

Beveled, Micro Flange, Flangeless

Finish

White, Black, Bronze, Clear Diffuse,
Warm Diffuse, Custom (RAL colors)

LIGHT OUTPUT & DISTRIBUTION

Module

Downlight

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 (3000K–1800K)

Beam Spread

△ Spot (25°) △ Flood (40°)
△ Wide Flood (60°) △ Linear Spread

Warranty



10 year limited warranty;
50,000 hours

POWER & CONTROLS

Input Voltage

120 / 277V

Dimming

TRIAC/ELV (1%, 120V only)

RATINGS & CERTIFICATIONS

UL Listed for Wet Location

RoHS Compliant



Declare.





PRODUCT BUILDER

MODULE

PRODUCT CODE		LUMENS		CRI		CCT		BEAM SPREAD		DIMMING	
iXMD	Downlight	07	750 lm	9	93+ CRI	27	2700K	SP	Spot (25°)	T	TRIAC/ELV
		10	1000 lm			30	3000K	FL	Flood (40°)		
						35	3500K	WF	Wide Flood (60°)		
						40	4000K	LS	Linear Spread		
						3W	Warm Dim (3000K - 1800K) ¹				

¹ Only available in 1000 lm; Not available in Spot beam spread

ROUND RETROFIT KIT

X2KRRETRO6	Retrofit Kit - 6" to 2" Round Conversion ²
X2KRRETRO45	Retrofit Kit - 4" or 5" to 2" Round Conversion ²

² Only for usage with Round trim

SQUARE RETROFIT KIT

X2KSRETRO6	Retrofit Kit - 6" to 2" Square Conversion ³
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³ Only for usage with Square trim

ROUND TRIM

PRODUCT CODE		FINISH		OPTION	
X2TRDS	2" Round Beveled Trim	WH	White	[Blank]	None
		BK	Black	MF	Micro Flange ⁴
		BZ	Bronze	FL	Flangeless ⁴
		CW	Clear Diffuse, White Flange		
		WW	Warm Diffuse, White Flange		
		CC	Custom (RAL colors)		

SQUARE TRIM

PRODUCT CODE		FINISH		OPTION	
X2TSDS	2" Square Beveled Trim	WH	White	[Blank]	None
		BK	Black	MF	Micro Flange ⁴
		BZ	Bronze	FL	Flangeless ⁴
		CW	Clear Diffuse, White Flange		
		WW	Warm Diffuse, White Flange		
		CC	Custom (RAL colors)		

⁴ Not available in Clear or Warm Diffuse finish

OPTICAL ACCESSORIES

X2ODSP	Spot (25°) Optic
X2ODFL	Flood (40°) Optic
X2ODWF	Wide Flood (60°) Optic
X2ODLS	Linear Spread Optic

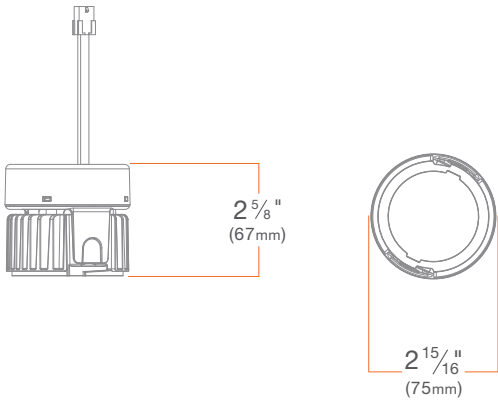
ADAPTERS

DRD2X-QCM-ED	Edison Adapter (included with Retrofit Kits)
DRD2X-QCM-GU	GU-24 Adapter ⁵
DRD2X-QCM-M	Male IDEAL PowerPlug® Adapter ⁵

⁵ Optional, must be purchased separately



MODULE



SUMMARY

	STATIC CCT	WARM DIM
CCT	2700K, 3000K, 3500K, 4000K	3000K - 1800K
DELIVERED LUMENS	750 lm (9.5W), 1000 lm (12.5W)	1000 lm (12.0W)
EFFICACY	79 lm/W, 80 lm/W	83 lm/W
COLOR QUALITY	93+ CRI*, 2-step SDCM	93+ CRI*, 2-step SDCM
BEAM SPREAD	Spot (25°), Flood (40°), Wide Flood (60°), Linear Spread	Flood (40°), Wide Flood (60°), Linear Spread
DIMMING	TRIAC/ELV (1%, 120V only)	TRIAC/ELV (1%, 120V only)
LED CHIP	Cree	Bridgelux
LISTINGS	ENERGY STAR® qualified**, California Title 24 2019 JA8 compliant, UL Listed for Wet Location, UL Certified US-CA, Declare, RoHS compliant	

*Tested in accordance to IESNA LM-79-2008
**Refer to ENERGY STAR Certified light fixtures database

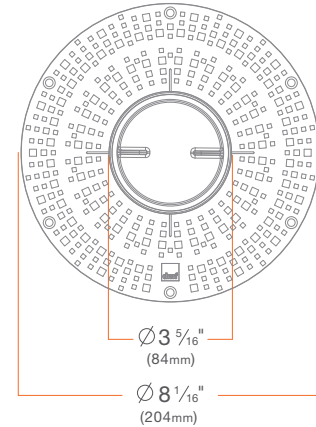
ADDITIONAL

INPUT VOLTAGE: 120/277V, 50/60Hz	TOTAL HARMONIC DISTORTION: Less than 20%
MAX INPUT CURRENT (120V): 0.13 amps	AMBIENT OPERATING TEMPERATURE: -20°C to 40°C
MAX INPUT CURRENT (277V): 0.06 amps	WARRANTY: 10 year limited warranty; 50,000 hours at 70% lumen maintenance
CONNECTOR: 6-pin Molex	
POWER FACTOR: Greater than 0.9	

RETROFIT KITS

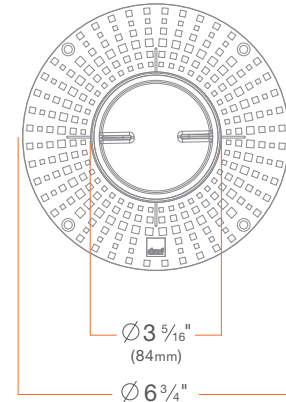
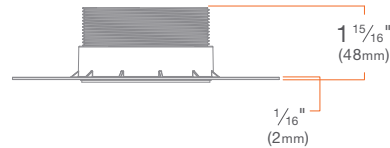
6" to 2" Round Conversion

X2KRRETRO6



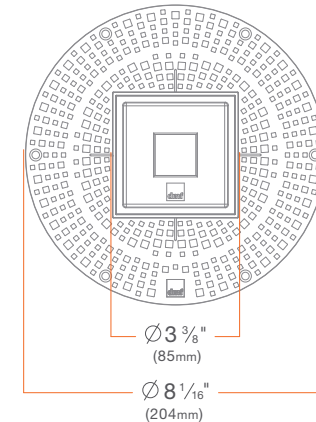
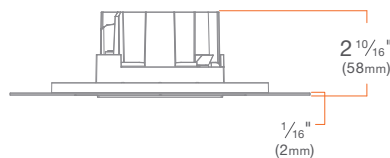
4" or 5" to 2" Round Conversion

X2KRRETRO45



6" to 2" Square Conversion

X2KSRETRO6



ROUND TRIMS



SUMMARY

CONSTRUCTION: Die-cast aluminum

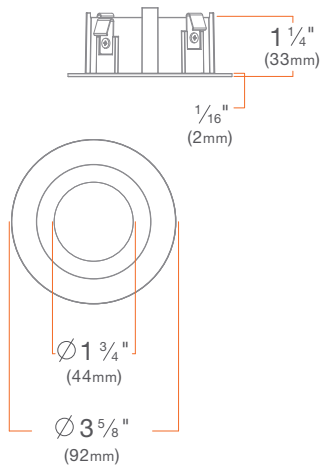
FINISH: Wet paint

INSTALLATION: Precision Lock Collar included

WARRANTY: 5 year limited warranty

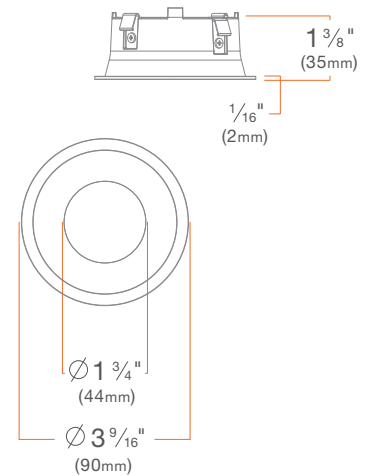
Beveled

X2TRDSWH



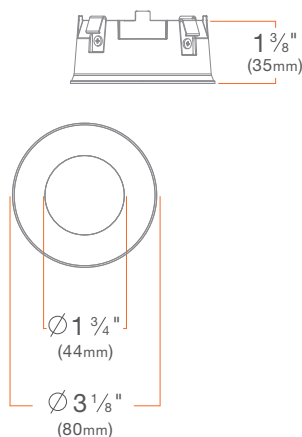
Micro Flange

X2TRDSWHMF

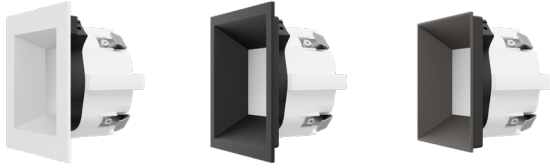


Flangeless

X2TRDSWHFL



SQUARE TRIMS



SUMMARY

CONSTRUCTION: Die-cast aluminum

FINISH: Wet paint

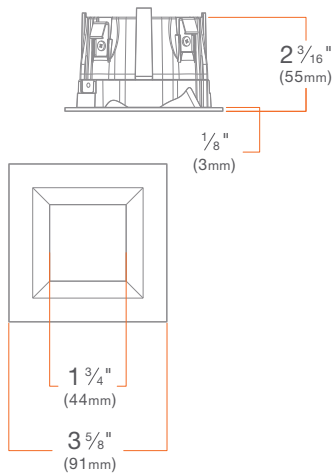
DECORATIVE: Acrylic diffuser

INSTALLATION: Precision Lock Collar included with Flanged or Micro Flange Trim and Flangeless Mud or Wood Kit

WARRANTY: 5 year limited warranty

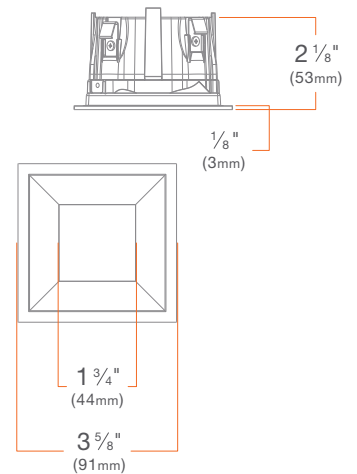
Beveled

X2TSDSWH



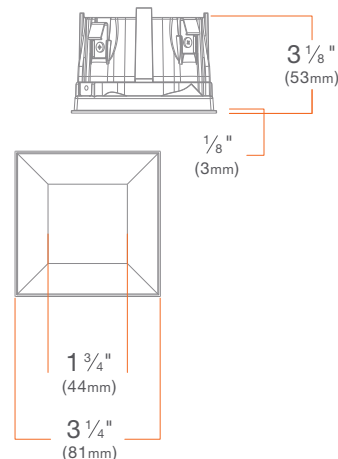
Micro Flange

X2TSDSWHMF



Flangeless

X2TSDSWHFL

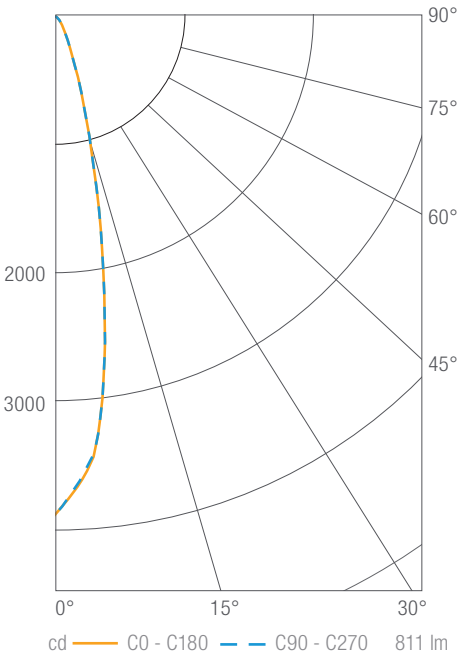




PHOTOMETRY

750 lm, 3000K, Spot

iXMD07930SPT



Luminous Intensity

Gamma	C 0°
0°	3849
5°	3383
10°	2162
15°	1069
20°	506
25°	260
30°	148
35°	89
40°	56
45°	37
50°	25
55°	17
60°	13
65°	10
70°	7
75°	5
80°	3
85°	2
90°	0

Values in candela

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	700	86
0-40	754	93
0-60	795	98
0-90	810	100
0-180	811	100

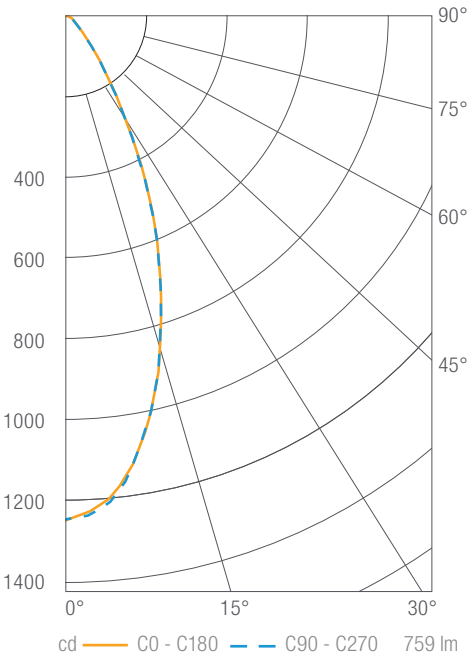
Illuminance Chart

Distance from LED	Foot Candles	Diameter
3'	428	1.2'
6'	107	2.3'
9'	48	3.5'
12'	27	4.6'

Beam Angle: 22°

750 lm, 3000K, Flood

iXMD07930FLT



Luminous Intensity

Gamma	C 0°
0°	1250
5°	1211
10°	1078
15°	890
20°	682
25°	472
30°	288
35°	165
40°	90
45°	53
50°	35
55°	25
60°	20
65°	15
70°	12
75°	8
80°	5
85°	3
90°	0

Values in candela

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	567	75
0-40	670	88
0-60	733	97
0-90	756	100
0-180	759	100

Illuminance Chart

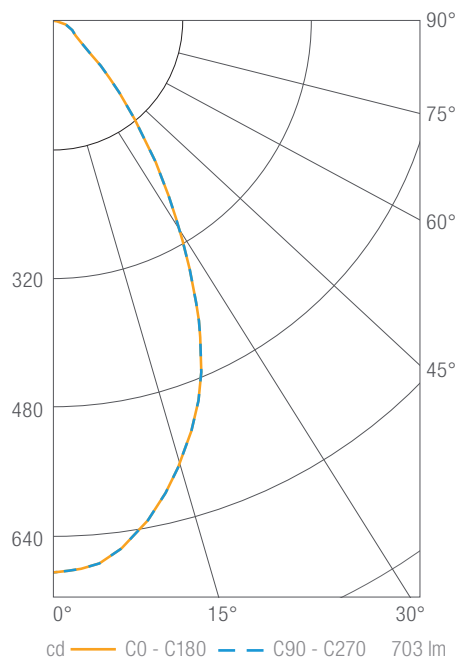
Distance from LED	Foot Candles	Diameter
3'	139	2.3'
6'	35	4.7'
9'	15	7.0'
12'	9	9.4'

Beam Angle: 43°

PHOTOMETRY

750 lm, 3000K, Wide Flood

iXMD07930WFT



Luminous Intensity

Gamma	C 0°
0°	974
5°	959
10°	907
15°	829
20°	736
25°	616
30°	468
35°	332
40°	221
45°	136
50°	81
55°	54
60°	44
65°	35
70°	26
75°	18
80°	11
85°	5
90°	0

Values in candela

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	417	59
0-40	558	79
0-60	663	94
0-90	699	99
0-180	703	100

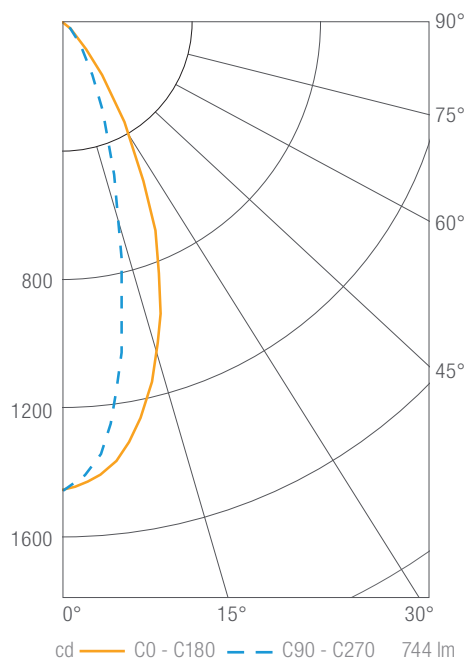
Illuminance Chart

Distance from LED	Foot Candles	Diameter
3'	76	3.4'
6'	19	6.7'
9'	8	10.1'
12'	5	13.5'

Beam Angle: 59°

750 lm, 3000K, Linear Spread

iXMD07930LST



Luminous Intensity

Gamma	C 0°	C 90°
0°	1451	1451
5°	1342	1406
10°	1038	1290
15°	693	1105
20°	434	883
25°	276	651
30°	170	418
35°	109	250
40°	67	137
45°	41	67
50°	25	31
55°	13	14
60°	6	8
65°	3	4
70°	2	2
75°	1	1
80°	0	1
85°	0	0
90°	0	0

Values in candela

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	577	78
0-40	686	92
0-60	739	99
0-90	743	100
0-180	744	100

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3'	161	2.6' x 1.5'
6'	40	5.2' x 3.1'
9'	18	7.8' x 4.6'
12'	10	10.4' x 6.2'

Beam Angle: 47° x 28°