

H Series

Project:	Type:
Product Code:	Date:

V070226



4" Retrofit

Upgrade your Existing 4" Cans With high quality illumination and reliable performance

Brightness Switch Easily select level of illumination with the flip of a switch

Experience True to Life Colors Accurate color rendering means every detail, finish, and person in your space appears exactly as it should

TRIMS

Aperture

4"

Style

Round, Square, Flush, Adjustable

Finish

White, Black

COMPATIBILITY

To learn more click [here](#).

LIGHT OUTPUT & DISTRIBUTION

Module

Downlight

Lumens (Power)

Integrated Brightness Switch
350 lm (5W), 750 lm (9W), 950lm (12W)

Color Quality

90+ CRI, 3-step SDCM

Color Temperature

-  2700K
-  3000K
-  Warm Dim (3000K–2200K)

Beam Spread



General (90°+)

Warranty

5 year limited warranty; 50,000 hours

POWER & CONTROLS

Input Voltage

120 V

Dimming

TRIAC/ELV (5%)

RATINGS & CERTIFICATIONS

Module and Trim

-  UL Listed for Wet Location (Adjustable Trim Damp Only)
-  NSF Listed (White and Black Finish Only)





DMF LightSpeed
Our Quickest Shipping Selections are Highlighted for shipping in **2 days or less**

H Series

4" Retrofit

PRODUCT BUILDER

H MODULE

EXAMPLE: **HM27**

PRODUCT CODE		CCT	
HM			
HM	90+ CRI General Ambient with Brightness Switch <i>Brightness Switch: 950 lm, 750 lm, or 350 lm</i>	27	2700K
		30	3000K
		3C	Warm Dim (3000K - 2200K)

TRIM

EXAMPLE: **H4TRSWH**

PRODUCT CODE		SHAPE		STYLE		FINISH	
H4T							
H4T	4" Trim	R	Round	S	Recessed	WH	White
		S	Square	F	Flush	BK	Black
				A	Adjustable ¹		

¹ Max tilt 40, damp listed only

ACCESSORIES

DRD2X-QCM-ED	Male IDEAL PowerPlug to Edison Adaptor
DRD2X-QCM-GU	Male IDEAL PowerPlug to GU-24
DRD2X-QCM-M	Male IDEAL to Male IDEAL PowerPlug
DRD2X-QCM-HW	Male IDEAL to Hardwire PowerPlug
DRD2X-QCF-HW	Female IDEAL to Hardwire PowerPlug

ROUND RETROFIT KIT (OPTIONAL)

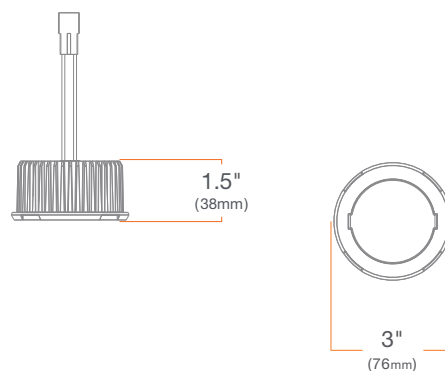
EXAMPLE: **M4KRRETRO**

PRODUCT CODE	
M4KRRETRO	
M4KRRETRO	Retrofit Kit - 8" to 4" Round Conversion

MODULE

H Series Module

HM



SUMMARY

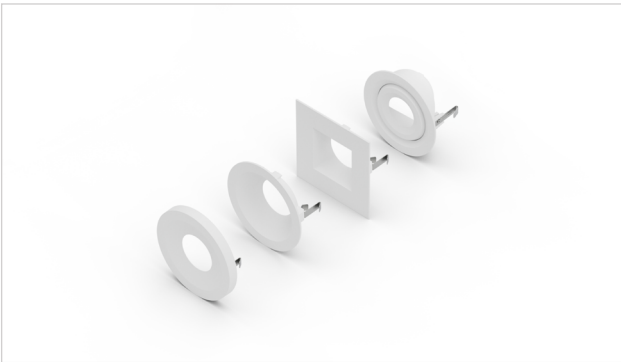
	STATIC CCT	WARM DIM
CCT	3000K, 2700K	3000K - 2200K
LUMENS (POWER)	Brightness Switch 350 lm (5W), 750 lm (9W), 950lm (12W)	Brightness Switch 350 lm (5W), 750 lm (9W), 950lm (12W)
EFFICACY	70 lm/W, 83 lm/W, 79 lm/W	70 lm/W, 83 lm/W, 79 lm/W
COLOR QUALITY	90+ CRI ¹ , 3-step SDCM	90+ CRI ¹ , 3-step SDCM
BEAM SPREAD	General Ambient (90°)	General Ambient (90°)
DIMMING	TRIAC/ELV (5%)	TRIAC/ELV (5%)
LED CHIP	Cree	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 , shatter-resistant construction, Complies with NEC 410.118	

¹ Tested in accordance to IESNA LM-79-2008² Refer to ENERGY STAR Certified light fixtures database³ This product is evaluated in accordance to NSF/ANSI 2 for Splash Zones having designated trim finishes.

ADDITIONAL

INPUT VOLTAGE: 120V, 50/60Hz**MAX INPUT CURRENT (120V):** 0.13 amps**CONNECTOR:** PowerPlug® Luminaire Disconnect Model 182**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

TRIM



H Series

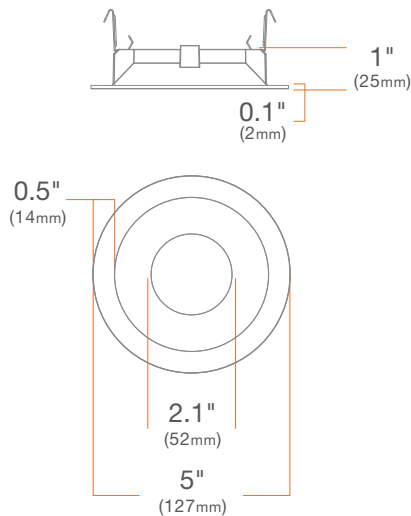
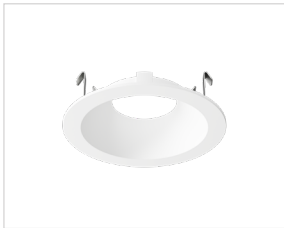
Flanged Trims

SUMMARY

CONSTRUCTION: Die-cast aluminum

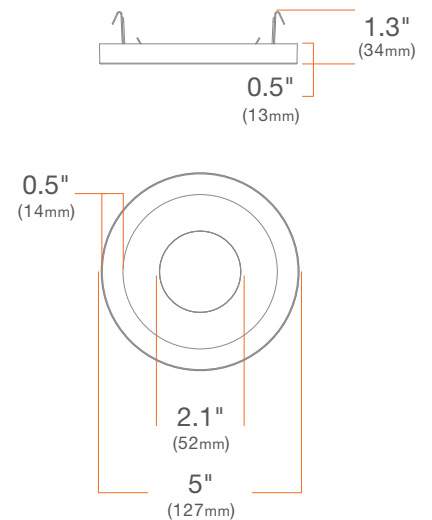
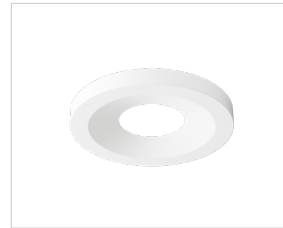
4" Round

H4TRSWH



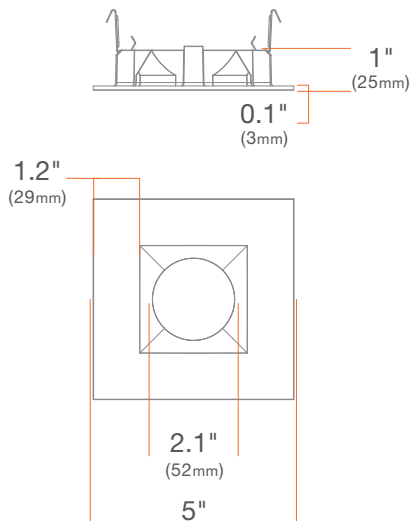
4" Flush

H4TRFWH



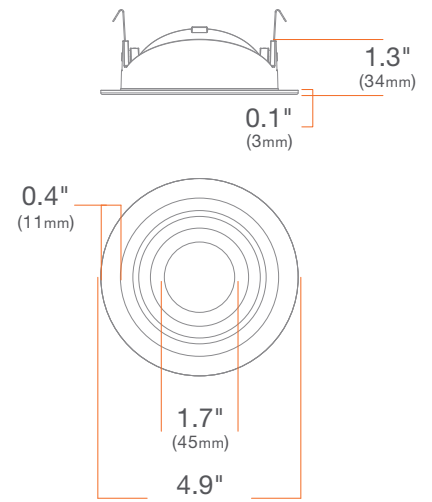
4" Square

H4TSSWH

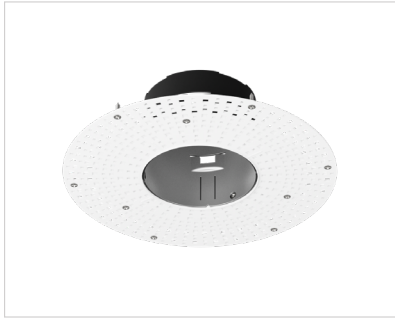


4" Adjustable

H4TRAWH



RETROFIT KITS

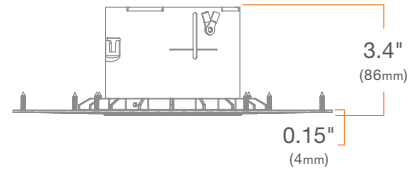
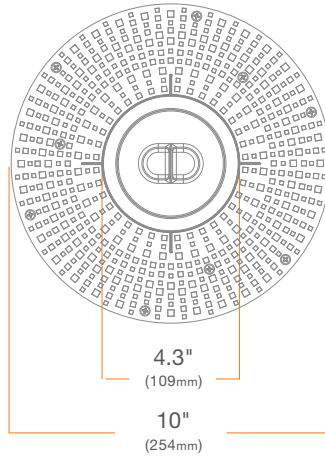


8" to 4" Round Conversion

M4KRRETRO

SUMMARY: Retrofit Conversion Kit (Used to convert existing 6" - 8" Fixtures to a 4" fixture)

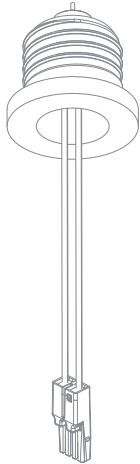
CEILING: Can be installed in any ceiling thickness



ADAPTOR

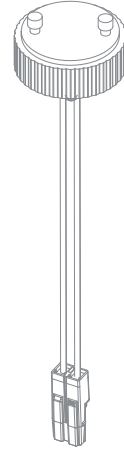
Edison Adaptor

DRD2X-QCM-ED



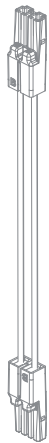
GU-24 Adaptor

DRD2X-QCM-GU



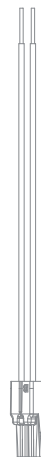
Male IDEAL PowerPlug® Adaptor

DRD2X-QCM-M



Hardwire Adapter

DRD2X-QCM-HW

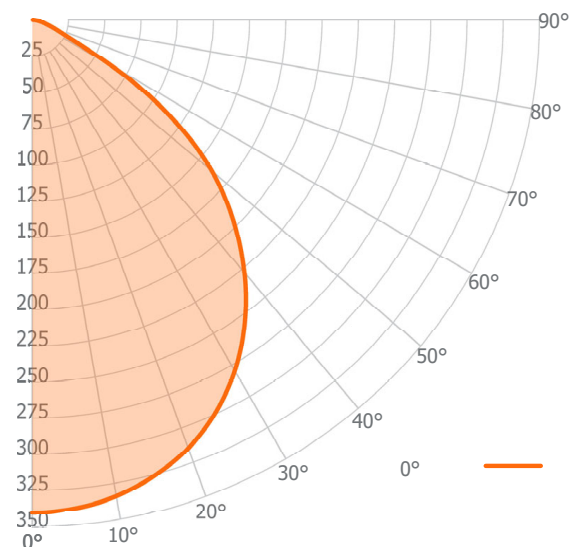


PHOTOMETRY

HM30 750 lm

H4TRSWH

Candela Distribution



Luminous Intensity

	0°
0°	340
5°	338
10°	334
15°	326
20°	315
25°	299
30°	280
35°	256
40°	228
45°	197
50°	162
55°	118
60°	63
65°	26
70°	15
75°	9
80°	5
85°	2
90°	0

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0° - 30°	262	36%
0° - 40°	421	59%
0° - 60°	676	94%
0° - 90°	718	100%
0° - 180°	720	100%

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3 ft	37.8 fc	6.9 ft
6 ft	9.5 fc	13.7 ft
9 ft	4.2 fc	20.6 ft
12 ft	2.4 fc	27.5 ft

Input Watts: **9.0 W**

Lumens: **720 lm**

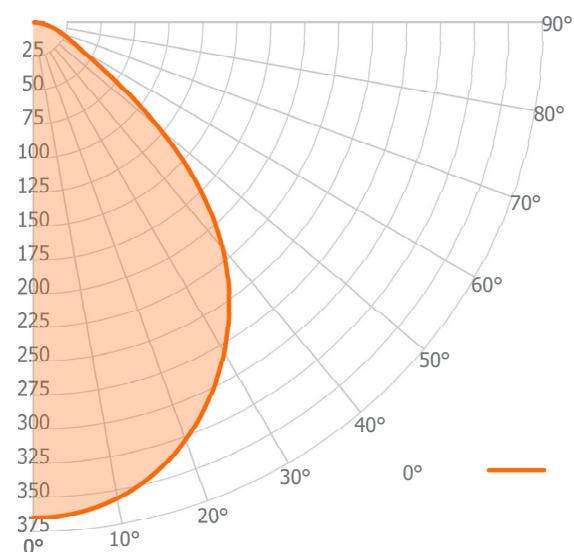
Efficacy: **80 lm/W**

Beam Angle: **98°**

HM30 750 lm

H4TSSWH

Candela Distribution



Luminous Intensity

	0°
0°	365
5°	363
10°	356
15°	344
20°	328
25°	306
30°	281
35°	251
40°	217
45°	174
50°	121
55°	71
60°	42
65°	30
70°	22
75°	15
80°	9
85°	5
90°	1

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0° - 30°	272	40%
0° - 40°	429	63%
0° - 60°	627	92%
0° - 90°	679	100%
0° - 180°	680	100%

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3 ft	40.6 fc	5.8 ft
6 ft	10.1 fc	11.6 ft
9 ft	4.5 fc	17.4 ft
12 ft	2.5 fc	23.2 ft

Input Watts: **9.0 W**

Lumens: **680 lm**

Efficacy: **76 lm/W**

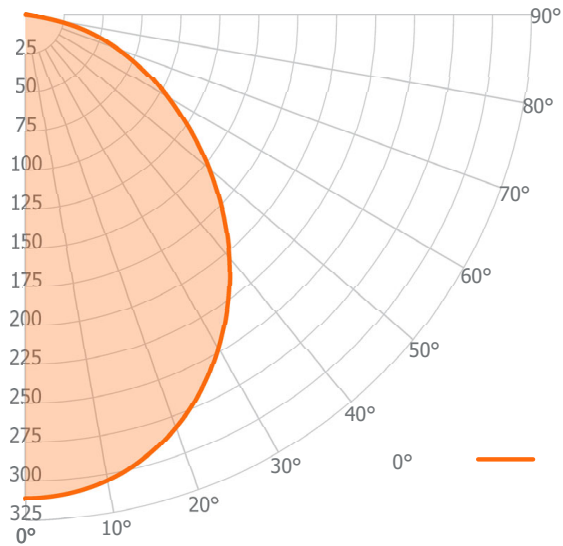
Beam Angle: **88°**



PHOTOMETRY

HM30 750 lm
H4TRFWH

Candela Distribution



Luminous Intensity

	0°
0°	311
5°	309
10°	304
15°	295
20°	283
25°	267
30°	248
35°	227
40°	204
45°	179
50°	154
55°	129
60°	106
65°	83
70°	63
75°	42
80°	17
85°	2
90°	0

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0° - 30°	235	31%
0° - 40°	377	49%
0° - 60°	631	83%
0° - 90°	762	100%
0° - 180°	764	100%

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3 ft	34.6 fc	7.1 ft
6 ft	8.6 fc	14.2 ft
9 ft	3.8 fc	21.2 ft
12 ft	2.2 fc	28.3 ft

Input Watts: 9.0 W
Lumens: 764 lm
Efficacy: 85 lm/W
Beam Angle: 99°