

NRMC2-41 / NRMC2-42

4" Marquise II Retrofit Reflectors

Source: 15W LED
900lm

Type

Project

Catalog No.

Notes

PRODUCT DESCRIPTION

The Marquise II Retrofit Series replaces existing recessed trims and light sources. Series includes Cree® COB LED with optimized beam spreads, dimmable driver and medium base socket to replace old light sources with the latest LED technology.

FEATURES

- Retrofit existing architectural or commercial frame-ins with the latest LED technology
- Over 80% energy savings when compared to incandescent
- Cree® COB LED Technology
- Spot, narrow or flood beam spreads
- 900lm LED package
- 2700K, 3000K, 3500K and 4000K @ 90+CRI
- 5-year Limited Warranty

CONSTRUCTION

Trim: Aluminum spun reflector with deep set diffused lens for excellent visual comfort while providing high lumen output.

Mounting: Trim includes friction blades to mount trim securely to housing.

ELECTRICAL

Lumens / Wattage: 900lm / 15W

Color Temperature: 2700K, 3000K, 3500K, 4000K

CRI: 90+CRI

Beam Spread: (S) Spot, (M) Narrow Flood, (F) Flood

Operating Temp.: 0°C to 45°C ambient temperature

Lifetime: 60,000 hours @ L70

Dimming: Dimmable down to 10% with Triac or ELV

[Click Here](#) or check complete dimmer list at

www.NoraLighting.com in the "Compatibility" page under "Resources" tab

COMPATIBLE HOUSINGS

Marquise Retrofit reflectors are compatible with most 4" IC and Non-IC housings by Nora and others.

FIRE BOX

NFBIC-4LMRATA 4" IC Air-Tight Fire Rated Dedicated LED

NFBIC-4INCATA 4" IC Air-Tight Fire Rated Line Voltage

NEW CONSTRUCTION

NHIC-4LMRAT 4" IC Air-Tight Dedicated LED

NHIC-4010AT 4" IC Air-Tight Line Voltage

NH-4010 4" Non-IC Line Voltage

NHIC-4G24ATFL 4" IC Air-Tight GU24

REMODEL

NHRIC-4LMRAT 4" IC Air-Tight Dedicated LED

NHRIC-4040AT 4" IC Air-Tight Line Voltage

NHR-4040 4" Non-IC Line Voltage

NHRIC-4G24ATFL 4" IC Air-Tight GU24

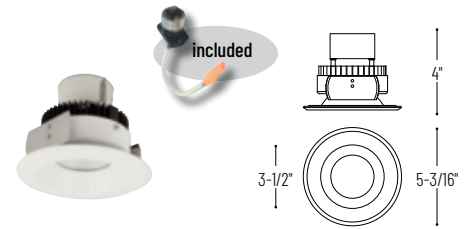
Retrofit: Marquise II retrofit series includes a medium base screw-socket adapter (NRA-21ISM) for retrofitting into existing medium base downlight housings. GU24 socket adapter is available for use with GU24 housings, must specify NRA-212SM.

LABELS AND LISTINGS

- cULus classified for Wet Location when used with compatible housing
- ENERGY STAR® certified
- Can be used to comply with 2016 Title 24 - part 6 High Efficacy LED light source requirements
- [5-Year Limited Warranty](#)
- WSEC ASTM E283 for Air-Tight



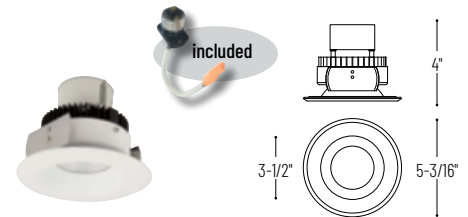
PRODUCT IMAGES AND DIMENSIONS



NRMC2-41

Round Open Reflector

BB, BW, BZ, CO, CW, DD, DW, HZ, HZW, MPW, NN, WW



NRMC2-42

Round Baffle

BW, BZ, CO, MPW, NN, WW

4" Marquise II Retrofit Reflector

Reflector Type	Lumens / Wattage	Color Temp. / CRI	Beam Spread	Finish (see chart below)
NRMC2-41 = Round Open Reflector	L09 = 900lm / 15W	27 = 2700K / 90 CRI	S = Spot	BB = Black / Black Flange
NRMC2-42 = Round Baffle		30 = 3000K / 90 CRI	M = Medium	BW = Black / White Flange
		35 = 3500K / 90 CRI	F = Flood	BZ = Bronze / Bronze Flange
		40 = 4000K / 90 CRI		CO = Copper / Copper Flange
				CW = Specular Clear / White Flange
				DD = Diffused Clear / Diffused Flange
				DW = Diffused Clear / White Flange
				HZ = Haze / Haze Flange
				HZW = Haze / White Flange
				MPW = Matte Powder White
				NN = Natural Metal / Natural Metal Flange
				WW = White / White Flange

Optional Accessories

Description
NRA-21ISM = Medium base screw-in socket (included)
NRA-212SM = Socket adapter for use with GU24 housings

Available Finishes

	BB	BW	BZ	CO	CW	DD	DW	HZ	HZW	MPW	NN	WW
41
42

Example: **NRMC2-41L0930SWW** = 4" Marquise II Retrofit Round Open Reflector, 900lm / 15W LED, 3000K, Spot Beam Spread, White Reflector / White Flange

PHOTOMETRICS

4" Marquise II Retrofit Reflectors

Type

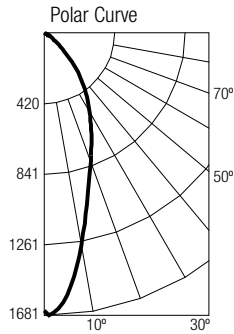
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Test Information

Test Number: NTR11004
 Part Number: NRM2-41L0940SCW
 Beam Spread: Spot
 Lumens: 1188lm
 Wattage: 15W
 Efficacy: 79lpw
 CCT / CRI: 4000K / 90 CRI
 Spacing Criteria (0°-180): 0.52
 Spacing Criteria (90°-270): 0.54



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	103fc	2'-5"
6'	45.9fc	3'-7"
8'	25.8fc	4'-10"
10'	16.5fc	6'
12'	11.5fc	7'-2"

Zonal Lumen Summary

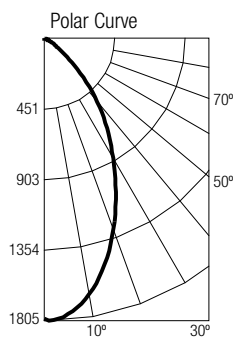
Zone	Lumens	% Luminaire
0-30	661	55.7
0-40	917	77.2
0-60	1154	97.1
0-90	1184	99.7
90-180	4	0.3
0-180	1188	100

Candela Table

Vertical Angles	Candela
0	1652
5	1450
15	888
25	604
35	407
45	218

Test Information

Test Number: NTR11003
 Part Number: NRM2-41L0940MCW
 Beam Spread: Narrow Flood
 Lumens: 1184lm
 Wattage: 14.8W
 Efficacy: 80lpw
 CCT / CRI: 4000K / 90 CRI
 Spacing Criteria (0°-180): 0.60
 Spacing Criteria (90°-270): 0.62



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	112fc	2'-10"
6'	49.8fc	4'-2"
8'	28fc	5'-7"
10'	17.9fc	7'-1"
12'	12.5fc	8'-6"

Zonal Lumen Summary

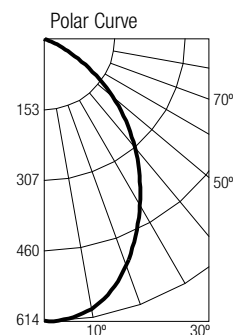
Zone	Lumens	% Luminaire
0-30	765	64.6
0-40	1021	86.3
0-60	1174	99.1
0-90	1176	99.3
90-180	8	0.7
0-180	1184	100

Candela Table

Vertical Angles	Candela
0	1794
5	1591
15	1092
25	684
35	413
45	146

Test Information

Test Number: NTR11002
 Part Number: NRM2-41L0940FCW
 Beam Spread: Flood
 Lumens: 1023lm
 Wattage: 14.9W
 Efficacy: 69lpw
 CCT / CRI: 4000K / 90 CRI
 Spacing Criteria (0°-180): 1.06
 Spacing Criteria (90°-270): 1.06



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	38.3fc	6'-8"
6'	17fc	10'
8'	9.6fc	13'-4"
10'	6.1fc	16'-7"
12'	4.3fc	20'

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	433	42.3
0-40	658	64.3
0-60	970	94.8
0-90	1017	99.4
90-180	4	0.4
0-180	1023	100

Candela Table

Vertical Angles	Candela
0	612
5	608
15	565
25	470
35	360
45	249

Lumen Output Multipliers

Color Temperature: 2700K (0.84), 3000K (0.93), 3500K (0.95), 4000K (1.00)