

NRMC2-51 / NRMC2-52

5" 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 housings 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

Reflector: 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 5" IC and Non-IC housings by Nora Lighting and others.

FIRE BOX

NFBIC-5LMRATA 5" IC Air-Tight Fire Rated Dedicated LED

NFBIC-5INCATA 5" IC Air-Tight Fire Rated Line Voltage

NEW CONSTRUCTION

NHIC-5LMRAT 5" IC Air-Tight Dedicated LED

NHIC-5010AT 5" IC Air-Tight Line Voltage

NH-5010 5" Non-IC Line Voltage

NHIC-5G24ATFL 5" IC Air-Tight GU24

REMODEL

NHRIC-5LMRAT 5" IC Air-Tight Dedicated LED

NHRIC-5040AT 5" IC Air-Tight Line Voltage

NHR-5040 5" Non-IC Line Voltage

NHRIC-5G24ATFL 5" IC Air-Tight GU24

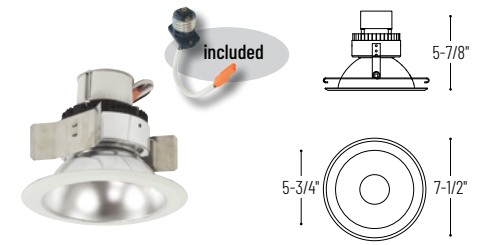
Retrofit: Marquise retrofit series includes medium base screw-socket adapter (NRA-211SM) for retrofitting into existing medium base downlight housings. GU24 socket adapter is available for use with GU24 housings, must specify NRA-212SM.

LABELS AND LISTINGS

- cULus classified for Wet Location when used with compatible housing
- ENERGY STAR® certified
- [5-Year Limited Warranty](#)
- ASTM E283 for Air-Tight



PRODUCT IMAGES AND DIMENSIONS



NRMC2-51

Round Open Reflector

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



NRMC2-52

Round Baffle

BW, BZ, CO, MPW, NN, WW

5" Marquise II Retrofit Reflector

Reflector Type	Lumens / Wattage	Color Temp. / CRI	Beam Spread	Finish (see chart below)
NRMC2-51 = Round Open Reflector	L09 = 900lm / 15W	27 = 2700K / 90 CRI	S = Spot	BB = Black / Black Flange
NRMC2-52 = 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-211SM = 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
51
52

Example: **NRMC2-51L0930WW** = 5" Marquise II Round Open Retrofit Reflector, 900lm / 15W LED, 3000K, White Reflector / White Flange

PHOTOMETRICS

5" Marquise II Retrofit Reflectors

Type

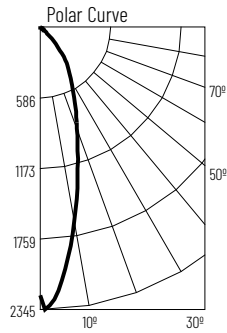
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Test Information

Test Number: NTR11010
 Part Number: NRM2-51L0940SDW
 Beam Spread: Spot
 Lumens: 1133lm
 Wattage: 14.9W
 Efficacy: 76lpw
 CCT / CRI: 4000K / 90 CRI
 Spacing Criteria (0°-180): 0.46
 Spacing Criteria (90°-270): 0.48



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	145fc	2'
6'	64.3fc	3'
8'	36.1fc	4'
10'	23.1fc	5'
12'	16.1fc	6'

Zonal Lumen Summary

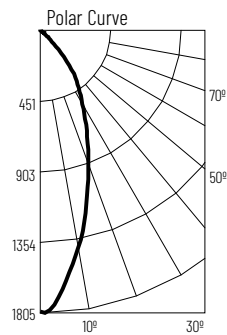
Zone	Lumens	% Luminaire
0-30	767	67.7
0-40	1001	88.3
0-60	1123	99.2
0-90	1125	99.3
90-180	8	0.7
0-180	1133	100

Candela Table

Vertical Angles	Candela
0	2314
5	1968
15	1079
25	623
35	378
45	117

Test Information

Test Number: NTR11009
 Part Number: NRM2-51L0940MDW
 Beam Spread: Narrow Flood
 Lumens: 1184lm
 Wattage: 14.8W
 Efficacy: 80lpw
 CCT / CRI: 4000K / 90 CRI
 Spacing Criteria (0°-180): 0.6
 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

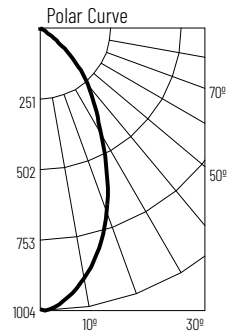
Zone	Lumens	% Luminaire
0-30	765	64.6
0-40	1021	86.3
0-60	1174	99.1
0-90	1176	99.3
90-180	8	0.7
0-180	1184	100

Candela Table

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

Test Information

Test Number: NTR11008
 Part Number: NRM2-51L0940FDW
 Beam Spread: Flood
 Lumens: 953lm
 Wattage: 15W
 Efficacy: 63lpw
 CCT / CRI: 4000K / 90 CRI
 Spacing Criteria (0°-180): 0.8
 Spacing Criteria (90°-270): 0.82



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	62.2fc	4'
6'	27.6fc	6'
8'	15.5fc	8'
10'	10fc	9'-11"
12'	6.9fc	11'-11"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	554	58.1
0-40	761	79.9
0-60	945	99.1
0-90	947	99.3
90-180	6	0.7
0-180	953	100

Candela Table

Vertical Angles	Candela
0	995
5	956
15	783
25	534
35	328
45	185

Lumen Output Multipliers

Color Temperature: 2700K (0.84), 3000K (0.93), 3500K (0.95), 4000K (1.00)
 Lumen Package: L09 (0.46), L15 (0.62), L25 (1.00)