

NRMC3-51 / NRMC3-52

5" Marquise III Retrofit Downlights

Source: 12W
1300lm

Type
Project
Catalog No.
Notes

PRODUCT DESCRIPTION

The Marquise III Retrofit Series replaces existing recessed trims and light sources. Series includes Signify® 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
- Signify® Fortimo COB LED technology
- Spot, narrow or flood beam spreads
- 1300lm LED package
- Dedicated CCT (27K, 30K, 35K & 40K) @ 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

Input Voltage: 120VAC

Lumens / Wattage: 1300lm / 12W

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

Color Rendering Index: 90+CRI

Beam Spread: Spot, Narrow Flood, Flood

Operating Temperature: 0°C to 45°C

Lifetime: 50,000 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 downlights are compatible with most 5s" IC and Non-IC housings by Nora Lighting and others.

FIRE BOX

NFBIC-5INCATA

5" ICAT Fire Box

NFBIC-5LMRATA*

5" ICAT Dedicated LED Fire Box

NEW CONSTRUCTION

NHIC-5LMRAT*

5" ICAT Dedicated LED

NHIC-5010AT

5" IC Air-Tight Line Voltage

REMODEL

NHRIC-5LMRAT

5" IC Air-Tight Dedicated LED

NHRIC-5040AT

5" IC Air-Tight Line Voltage

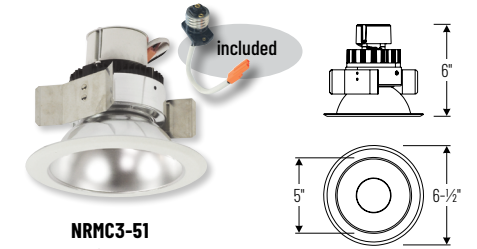
Retrofit: Marquise retrofit series includes medium base screw-socket adapter (NRA-21ISM) for retrofitting into existing medium base downlight housings. GU24 socket adapter is available for use with GU24 housings, must specify NRA-212SM.

LABELS AND LISTINGS

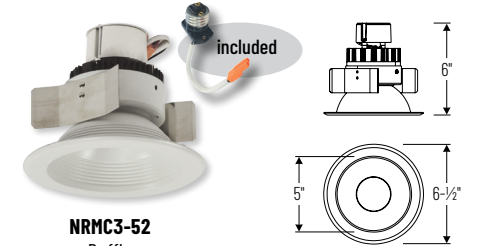
- cULus classified for Wet Location when used with compatible housing
- [5-Year Limited Warranty](#)
- ASTM E283 for Air-Tight
- FCC compliant



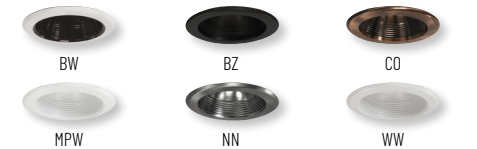
PRODUCT IMAGES AND DIMENSIONS



NRMC3-51
Reflector



NRMC3-52
Baffle



5" Marquise III Retrofit Downlight

Trim Type	Lumens / Wattage	CCT	Beam Spread	Finish (see chart below)								
NRMC3-51 = Reflector	L1 = 1300lm / 12W	27 = 2700K	S = Spot	BB = Black / Black Flange								
NRMC3-52 = Baffle		30 = 3000K	N = Narrow Flood	BW = Black / White Flange								
		35 = 3500K	F = Flood	BZ = Bronze / Bronze Flange								
		40 = 4000K		CO = Copper / Copper Flange								
Available Finishes												
	BB	BW	BZ	CO	CW	DD	DW	HZ	HZW	MPW	NN	WW
51	•	•	•	•	•	•	•	•	•	•	•	•
52	•	•	•	•	•	•	•	•	•	•	•	•

Optional Accessories

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

Example: **NRMC3-51L0930WW** = 5" Marquise III Round Open Retrofit Reflector, 1300lm / 12W, 3000K, White Reflector / White Flange

PHOTOMETRICS

5" Marquise III Retrofit Downlights
1300 lumens

Type

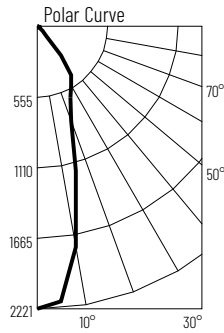
Project

Catalog No.

Notes

Test Information

Test Number: NTR2436R2
Part Number: NRM3-51L140SMPW
Beam Spread: 32° Spot
Lumens: 1286lm
Wattage: 11.8W
Efficacy: 109lpw
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'	139fc	2'-4"
6'	61.7fc	3'-5"
8'	34.7fc	4'-6"
10'	22.2fc	5'-8"
12'	15.4fc	6'-10"

Zonal Lumen Summary

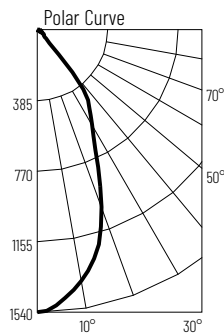
Zone	Lumens	% Luminaire
0-30	821	63.9
0-40	1093	85
0-60	1236	96.1
0-90	1286	100
90-180	0	0
0-180	1286	100

Candela Table

Vertical Angles	Candela
0	2221
5	2169
15	1171
25	617
35	464
45	101

Test Information

Test Number: NTR2436R2
Part Number: NRM3-51L140NMPW
Beam Spread: 50° Narrow Flood
Lumens: 1320lm
Wattage: 11.8W
Efficacy: 112lpw
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'	96.2fc	3'-8"
6'	42.8fc	5'-7"
8'	24.1fc	7'-6"
10'	15.4fc	9'-5"
12'	10.7fc	11'-2"

Zonal Lumen Summary

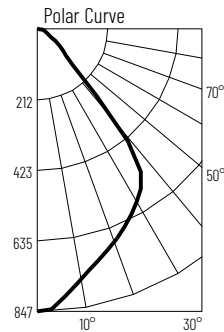
Zone	Lumens	% Luminaire
0-30	851	64.4
0-40	1148	87
0-60	1272	96.4
0-90	1320	100
90-180	0	0
0-180	1320	100

Candela Table

Vertical Angles	Candela
0	1540
5	1488
15	1252
25	774
35	494
45	84

Test Information

Test Number: NTR2437R2
Part Number: NRM3-51L140FMPW
Beam Spread: 77° Flood
Lumens: 1180lm
Wattage: 11.8W
Efficacy: 100lpw
CCT / CRI: 4000K / 90 CRI
Spacing Criteria (0°-180): 1.08
Spacing Criteria (90°-270): 1.08



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	52.9fc	6'-6"
6'	23.5fc	9'-8"
8'	13.2fc	12'-11"
10'	8.5fc	16'-1"
12'	5.9fc	19'-5"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	573	48.5
0-40	870	73.7
0-60	1111	94.1
0-90	1180	100
90-180	0	0
0-180	1180	100

Candela Table

Vertical Angles	Candela
0	847
5	818
15	717
25	640
35	543
45	151

Lumen Output Multipliers

Color Temperature: 2700K (0.5), 3000K (0.91), 3500K (0.97), 4000K (1.00)