

NRM2-411 / NRM2-412 / NRM2-413 / NRM2-418

4" Marquise II Reflectors

Source: 15W to 18W LED
900lm to 1500lm

PRODUCT DESCRIPTION

Marquise II COB Series enhances an established series of downlighting with the latest COB technology by Cree®. The COB allows for better optic control offering 3 beam spreads. Beam spreads focus the light down to the work plane from high ceiling applications.

FEATURES

- Cree® COB LED Technology
- Spot, narrow flood or flood beam spreads
- 900lm or 1500lm LED packages
- 2700K, 3000K, 3500K and 4000K @ 90+CRI
- 5-year Limited Warranty
- cULus listed for wet locations
- ENERGY STAR certified

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:

L09 = 900lm / 15W; **L15** = 1500lm / 18W

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

CRI: 90+CRI

Beam Spread: (S) 37° Spot, (M) 56° Narrow Flood, (F) 87° Flood

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

Lifetime: 60,000 hours @ L70

COMPATIBLE HOUSINGS

Reflectors are compatible with respective Marquise II series housings manufactured by Nora Lighting.

CATALOG NO. DESCRIPTION

NHM2-415	4" Non-IC New Construction (1500lm)
NHRM2-415	4" Non-IC Remodel (1500lm)
NHMIC2-409	4" IC New Construction (900lm)
NHRMIC2-409	4" IC Remodel (900lm)
NHMICD2-415	4" IC Double Wall (1500lm)

DECO GLASS OPTIONS

NRM2-418 is compatible with up to two decorative glass options, sold separately. Each glass includes mounting hardware.

NTG-4B/80	4" Tempered Blue Glass with 3-1/8" Open Center
NTG-4CF	4" Tempered Clear Glass with Frosted Center
NTG-4FC	4" Tempered Frosted Glass with Clear Center
NTG-4HC	4" Tempered Clear Glass with Frosted Center and 3-1/8" Open Center

LABELS AND LISTINGS

- cULus Listed for Wet Location when used with compatible housing
- ENERGY STAR® certified
- Certified to the high efficacy requirements of California Title 24 JA8-2019
- [5-Year Limited Warranty](#)
- WSEC ASTM E283 for Air-Tight



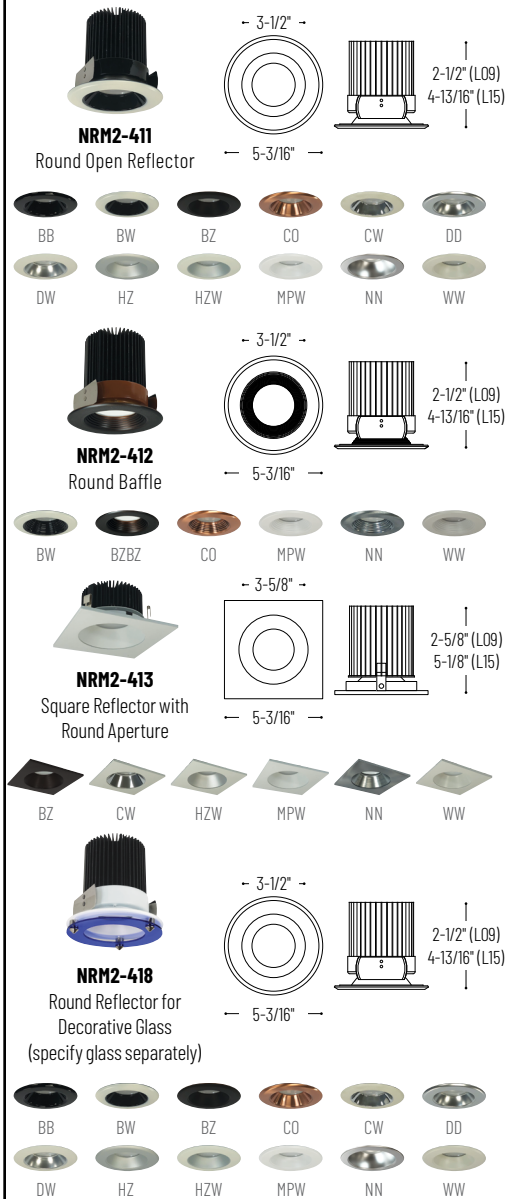
Type

Project

Catalog No.

Notes

PRODUCT IMAGES AND DIMENSIONS



4" Marquise II Reflectors - Dedicated Housing Required

Reflector Type	Lumens / Wattage	Color Temp.	Beam Spread	Finish (see chart below)
NRM2-411 = Round Open Reflector	L09 = 900lm / 15W	27 = 2700K	S = Spot	BB = Black / Black Flange
NRM2-412 = Round Baffle	L15 = 1500lm / 18W	30 = 3000K	M = Narrow Flood	BW = Black / White Flange
NRM2-413 = Square Open Reflector		35 = 3500K	F = Flood	BZ = Bronze / Bronze Flange
NRM2-418 = Round Deco Glass*		40 = 4000K		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

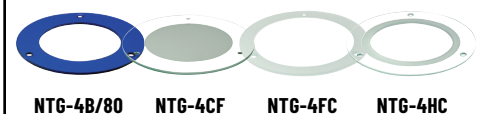
* Glass ordered separately

Available Finishes

	BB	BW	BZ	CO	CW	DD	DW	HZ	HZW	MPW	NN	WW
411	*	*	*	*	*	*	*	*	*	*	*	*
412		*	*	*	*	*	*	*	*	*	*	*
413			*	*	*	*	*	*	*	*	*	*
418	*	*	*	*	*	*	*	*	*	*	*	*

4" Decorative Glass - Requires NRM2-418

Glass Type
NTG-4B/80 = Tempered Blue Glass with 3-1/8" Open Center
NTG-4CF = Tempered Clear Glass with Frosted Center
NTG-4FC = Tempered Frosted Glass with Clear Center
NTG-4HC = Tempered Clear Glass w/Frosted Center & 3-1/8" Open Center



Example: **NRM2-411L1530S**WW = 4" Marquise II Round Open Reflector, 1500lm / 18W LED, 3000K, Spot Beam Spread, White Reflector / White Flange

NHMICD2-415

4" Marquise II IC Air-Tight Double Wall New Construction Housing

Source: 18W LED
1500lm

Type

Project

Catalog No.

Notes

PRODUCT DESCRIPTION

Dedicated new construction housing for use in insulated ceilings can be in direct contact with thermal insulation. Air-tight construction provides energy savings by reducing the flow of air through the ceiling.

CONSTRUCTION

Plaster Frame: 0.040 steel frame with integral bar hanger brackets. Brackets can accommodate longer 27" accessory flat bar hangers. Brackets run along all sides of frame to allow bar hangers to be run parallel or perpendicular to junction box.

Housing: 0.040 aluminum outer housing with white powder coated steel inner housing. Inner housing adjusts for ceiling thickness from 1/2" to 1-1/4". Inner housing supports the reflector assembly's plated spring steel blades.

Air Flow Restriction: Housing has factory installed gaskets to restrict airflow from room into ceiling plenum to <2CFM (cubic feet per minute) in accordance with ASTM-283 Air-Tight requirements.

Clearance: "IC" Insulated ceiling housings are direct contact rated; no minimum clearance is required.

Bar Hangers: Two 13-3/4" to 24-1/2" adjustable bar hangers with captive nails are included on frame. Bar hangers are parallel to junction box, but can be repositioned 90° perpendicular to junction box if desired. "L" Shaped bar hanger foot to align to bottom of construction joist. A T-Bar notch allow for easy installation in a suspended ceiling.

Junction Box: Prewired 25 cubic inch 0.064" thick galvanized steel, with five 1/2", two 3/4" knockouts, four Romex® pryouts, and snap on covers. All leads are #18AWG wire, the ground wire is connected to the bottom, and quick connectors are supplied on all leads. Through branch circuit wiring, (4-in, 4-out).

ELECTRICAL

Input Voltage: 120V or 120-277V

Lumens / Wattage: 1500lm / 18W

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

Dimming: Triac, ELV or 0-10V dimming

[Click Here](#) or check complete dimmer list at www.NoraLighting.com in the "Compatibility" page under "Resources" tab

COMPATIBLE REFLECTORS

CATALOG NO. DESCRIPTION

NRM2-411	4" Round Open Reflector
NRM2-412	4" Round Baffle
NRM2-413	4" Square Reflector
NRM2-418	4" Round Deco Glass

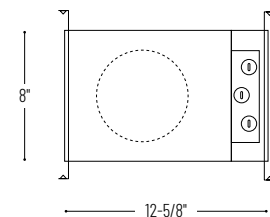
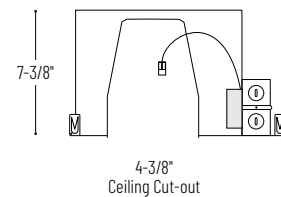
Emergency: Housing can be specified with connections for emergency battery installation. Requires top access. Must specify battery with remote test switch separately, NEPK-BSL17C-C2U.

LABELS AND LISTINGS

- cULus Listed for Damp Location w/ Feed Through (Wet Location when used with compatible reflector)
- [5-Year Limited Warranty](#)
- Meets or exceeds ASTM-283 Air-Tight Requirements



PRODUCT IMAGES AND DIMENSIONS



4" Marquise II IC Air-Tight Double Wall New Construction Housing - Compatible with Marquise II Reflectors

Installation Type / Lumens / Wattage	Driver
NHMICD2-415 = IC / 1500lm / 18W	LE3 = 120V Input; Triac/ELV/0-10V dimming LE6 = 120-277V Input; 0-10V dimming

Optional Accessories

Description
NEPK-BSL17C-C2U = Remote Emergency Battery w/Test Switch

Example: **NHMICD2-415LE6** = 4" Marquise II IC Air-Tight Double Wall New Construction Housing, 1500lm / 18W LED, 120-277V Input

NHM2-415 / NHMIC2-409

4" Marquise II Air-Tight New Construction Housing

Source: 15W to 18W LED

900lm to 1500lm

Type

Project

Catalog No.

Notes

PRODUCT DESCRIPTION

Dedicated new construction housing for installation in Non-IC or insulated ceilings, must specify. Air-tight construction provides energy savings by reducing the flow of air through the ceiling.

CONSTRUCTION

Plaster Frame: 0.040 steel frame with integral bar hanger brackets. Brackets can accommodate longer 27" accessory flat bar hangers. Brackets run along all sides of frame to allow bar hangers to be run parallel or perpendicular to junction box.

Housing: 0.040 aluminum one-piece can. Housing adjusts for ceiling thickness from 1/2" to 1-1/4".

Air Flow Restriction: Housing has factory installed gaskets to restrict airflow from room into ceiling plenum to <2CFM (cubic feet per minute) in accordance with ASTM-283 Air-Tight requirements.

Bar Hangers: Two 13-3/4" to 24-1/2" adjustable bar hangers with captive nails are included on frame. Bar hangers are parallel to junction box, but can be repositioned 90° perpendicular to junction box if desired. "L" Shaped bar hanger foot to align to bottom of construction joist. A T-Bar notch allow for easy installation in a suspended ceiling.

Junction Box: Prewired 25 cubic inch 0.064" thick galvanized steel, with seven 1/2" knockouts, four Romex® pryouts, and snap on covers. All leads are #18AWG wire, the ground wire is connected to the bottom, and quick connectors are supplied on all leads. Through branch circuit wiring, (4-in, 4-out).

CLEARANCE

Non-IC: Non-Insulated housings require a minimum clearance of 3" from thermal insulation and 1/2" from adjacent building components.

IC: Insulated ceiling housings are direct contact rated; no minimum clearance is required.

ELECTRICAL

Input Voltage: 120V or 120-277V

Lumens / Wattage: NHMIC2-409 = 900lm / 15W; NHM2-415 = 1500lm / 18W

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

Dimming: Triac, ELV or 0-10V dimming

[Click Here](#) or check complete dimmer list at www.NoraLighting.com in the "Compatibility" page under "Resources" tab

COMPATIBLE REFLECTORS

CATALOG NO. DESCRIPTION

NRM2-411	4" Round Open Reflector
NRM2-412	4" Round Baffle
NRM2-413	4" Square Reflector
NRM2-418	4" Round Deco Glass

Emergency LED Driver (BSL17C-C2)

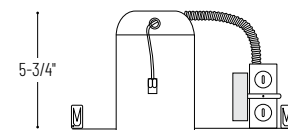
- Up to 7.5W emergency illumination with LEDs.
- Illumination Time: 90min
- Voltage: 120/277 VAC, 60Hz
- Output Voltage: 15.0-50.0 VDC
- Available with remote test switch, must specify

LABELS AND LISTINGS

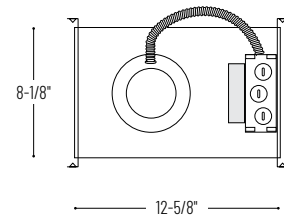
- cULus Listed for Damp Location w/ Feed Through (Wet Location when used with compatible reflector)
- [5-Year Limited Warranty](#)
- Meets or exceeds ASTM-283 Air-Tight Requirements
- Emergency LED Driver meets Title 20 CEC efficiency standards



PRODUCT IMAGES AND DIMENSIONS



4-1/4"
Ceiling Cut-out



4" Marquise II Air-Tight New Construction Housing - Compatible with Marquise II Reflectors

Installation Type / Lumens / Wattage	Driver / Dimming	Optional Emergency
NHMIC2-409 = IC / 900lm / 15W	LE3 = 120V Input; Triac/ELV/0-10V dimming	EM - Emergency Pack w/ Remote Test Switch
NHM2-415 = Non-IC / 1500lm / 18W	LE6 = 120-277V Input; 0-10V dimming	

Example: NHMIC2-409LE6 = 4" Marquise II IC Air-Tight New Construction Housing, 900lm / 15W LED, 120-277V Input

NHRM2-415 / NHRMIC2-409

4" Marquise I Air-Tight Remodel Housing

Source: 15W to 18W LED

900lm to 1500lm

Type

Project

Catalog No.

Notes

PRODUCT DESCRIPTION

Dedicated remodel housing for use in Non-IC or insulated ceilings, must specify. Air-tight construction provides energy savings by reducing the flow of air through the ceiling.

CONSTRUCTION

Housing: 0.040 aluminum housing adjusts to a maximum ceiling thickness of 5/8" (16mm). Housing terminates at a 1/4" ceiling flange for even positioning of housing angle within the ceiling. Structural arm consists of 0.050 steel and connects to housing with j-box and ballast. Integral springs brackets provided.

Air Flow Restriction: Housing has factory installed gaskets to restrict airflow from room into ceiling plenum to <2CFM (cubic feet per minute) in accordance with ASTM-283 Air-Tight requirements.

Mounting: Four high tension tempered steel springs secure remodel housing to 5/8" thick (max) ceiling (Hole cutout template provided for convenience).

Junction Box: Prewired 25 cubic inch 0.064" thick galvanized steel, with five 1/2", two 3/4" knockouts, four Romex® pryouts, and snap on covers. All leads are #18AWG wire, the ground wire is connected to the bottom, and quick connectors are supplied on all leads. Through branch circuit wiring, (4-in, 4-out).

CLEARANCE

Non-IC: Non-Insulated housings require a minimum clearance of 3" from thermal insulation and 1/2" from adjacent building components.

IC: Insulated ceiling housings are direct contact rated; no minimum clearance is required.

ELECTRICAL

Input Voltage: 120V or 120-277V

Lumens / Wattage: NHRMIC2-409 = 900lm / 15W; NHRM2-415 = 1500lm / 18W

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

Dimming: Triac, ELV or 0-10V dimming

[Click Here](#) or check complete dimmer list at www.NoraLighting.com in the "Compatibility" page under "Resources" tab

COMPATIBLE REFLECTORS

CATALOG NO. DESCRIPTION

NRM2-411	4" Round Open Reflector
NRM2-412	4" Round Baffle
NRM2-413	4" Square Reflector
NRM2-418	4" Round Deco Glass

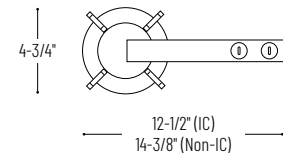
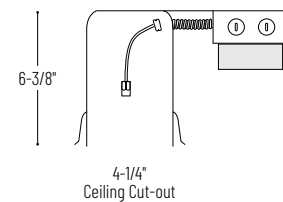
Emergency: Housing can be specified with connections for emergency battery installation. Requires top access. Must specify battery with remote test switch separately, NEPK-BSL17C-C2U.

LABELS AND LISTINGS

- cULus Listed for Damp Location w/ Feed Through (Wet Location when used with compatible reflector)
- [5-Year Limited Warranty](#)
- Meets or exceeds ASTM-283 Air-Tight Requirements
- Emergency LED Driver meets Title 20 CEC efficiency standards



PRODUCT IMAGES AND DIMENSIONS



4" Marquise II Air-Tight Remodel Housing - Compatible with Marquise II Reflectors

Installation Type / Lumens / Wattage	Driver
NHRMIC2-409 = IC / 900lm / 15W	LE3 = 120V Input; Triac/ELV/0-10V dimming
NHRM2-415 = Non-IC / 1500lm / 18W	LE6 = 120-277V Input; 0-10V dimming

Optional Accessories

Description
NEPK-BSL17C-C2U = Remote Emergency Battery w/Test Switch

Example: NHRMIC2-409LE6 = 4" Marquise II IC Air-Tight Remodel Housing, 900lm / 15W LED, 120-277V Input

PHOTOMETRICS

4" Marquise II Series

Type

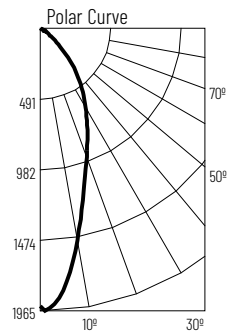
Project

Catalog No.

Notes

Test Information

Test Number: NTR11308
Part Number: NRM2-411L1540SWW
Beam Spread: Spot
Lumens: 1658lm
Wattage: 16.4W
Efficacy: 101lpw
CCT / CRI: 4000K / 90 CRI
Spacing Criteria (0°-180): 0.6
Spacing Criteria (90°-270): 0.6



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	123fc	2'-10"
6'	54.5fc	4'-4"
8'	30.7fc	5'-8"
10'	19.6fc	7'-1"
12'	13.6fc	8'-6"

Zonal Lumen Summary

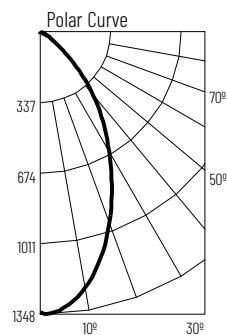
Zone	Lumens	% Luminaire
0-30	865	52.2
0-40	1206	72.7
0-60	1567	94.5
0-90	1646	99.3
90-180	12	0.7
0-180	1658	100

Candela Table

Vertical Angles	Candela
0	1962
5	1838
15	1204
25	791
35	545
45	318

Test Information

Test Number: NTR11307
Part Number: NRM2-411L1540MWW
Beam Spread: Narrow Flood
Lumens: 1671lm
Wattage: 16.7W
Efficacy: 100lpw
CCT / CRI: 4000K / 90 CRI
Spacing Criteria (0°-180): 0.9
Spacing Criteria (90°-270): 0.9



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	84.1fc	4'-10"
6'	37.4fc	7'-2"
8'	21fc	9'-8"
10'	13.5fc	12'-1"
12'	9.3fc	14'-6"

Zonal Lumen Summary

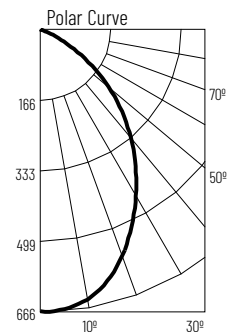
Zone	Lumens	% Luminaire
0-30	831	49.7
0-40	1192	71.3
0-60	1575	94.2
0-90	1659	99.3
90-180	12	0.7
0-180	1671	100

Candela Table

Vertical Angles	Candela
0	1345
5	1326
15	1147
25	843
35	576
45	335

Test Information

Test Number: NTR11306
Part Number: NRM2-411L1540FWW
Beam Spread: Flood
Lumens: 1410lm
Wattage: 16.6W
Efficacy: 85lpw
CCT / CRI: 4000K / 90 CRI
Spacing Criteria (0°-180): 1.2
Spacing Criteria (90°-270): 1.2



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	41.5fc	8'-7"
6'	18.5fc	12'-11"
8'	10.4fc	17'-2"
10'	6.7fc	21'-7"
12'	4.6fc	25'-11"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	240	17.1
0-40	799	56.7
0-60	1273	90.3
0-90	1399	99.2
90-180	11	0.8
0-180	1410	100

Candela Table

Vertical Angles	Candela
0	665
5	662
15	631
25	568
35	478
45	363

Lumen Output Multipliers

Color Temperature: 2700K (0.84), 3000K (0.93), 3500K (0.95), 4000K (1.00)
Lumen Package: L09 (0.75), L15 (1.00)