

# 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](http://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-4O10AT** 4" IC Air-Tight Line Voltage

**NH-4O10** 4" Non-IC Line Voltage

**NHIC-4G24ATFL** 4" IC Air-Tight GU24

### REMODEL

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

**NHRIC-4O40AT** 4" IC Air-Tight Line Voltage

**NHR-4O40** 4" Non-IC Line Voltage

**NHRIC-4G24ATFL** 4" IC Air-Tight GU24

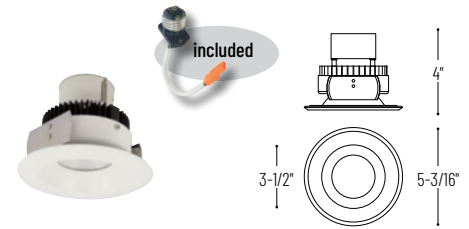
**Retrofit:** Marquise II retrofit series includes a medium base screw-socket adapter (NRA-21ISM) for retrofitting into existing medium base downlight housings. GU24 socket adapter is available for use with GU24 housings, must specify NRA-212SM.

### LABELS AND LISTINGS

- cULus classified for Wet Location when used with compatible housing
- ENERGY STAR® certified
- 5-Year Limited Warranty
- WSEC ASTM E283 for Air-Tight



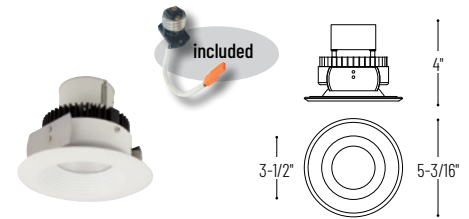
### PRODUCT IMAGES AND DIMENSIONS



#### 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)                         |
|--|--------------------------|----------------------------|-------------------|--|
| <b>NRMC2-41</b> = Round Open Reflector | <b>L09</b> = 900lm / 15W | <b>27</b> = 2700K / 90 CRI | <b>S</b> = Spot   | <b>BB</b> = Black / Black Flange                 |
| <b>NRMC2-42</b> = Round Baffle         |                          | <b>30</b> = 3000K / 90 CRI | <b>M</b> = Medium | <b>BW</b> = Black / White Flange                 |
|  |                          | <b>35</b> = 3500K / 90 CRI | <b>F</b> = Flood  | <b>BZ</b> = Bronze / Bronze Flange               |
|  |                          | <b>40</b> = 4000K / 90 CRI |                   | <b>CO</b> = Copper / Copper Flange               |
|  |                          |                            |                   | <b>CW</b> = Specular Clear / White Flange        |
|  |                          |                            |                   | <b>DD</b> = Diffused Clear / Diffused Flange     |
|  |                          |                            |                   | <b>DW</b> = Diffused Clear / White Flange        |
|  |                          |                            |                   | <b>HZ</b> = Haze / Haze Flange                   |
|  |                          |                            |                   | <b>HZW</b> = Haze / White Flange                 |
|  |                          |                            |                   | <b>MPW</b> = Matte Powder White                  |
|  |                          |                            |                   | <b>NN</b> = Natural Metal / Natural Metal Flange |
|  |                          |                            |                   | <b>WW</b> = White / White Flange                 |

Available Finishes

|           | BB | BW | BZ | CO | CW | DD | DW | HZ | HZW | MPW | NN | WW |
|-----------|----|----|----|----|----|----|----|----|-----|-----|----|----|
| <b>41</b> | .  | .  | .  | .  | .  | .  | .  | .  | .   | .   | .  | .  |
| <b>42</b> | .  | .  | .  | .  | .  | .  | .  | .  | .   | .   | .  | .  |

### Optional Accessories

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

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

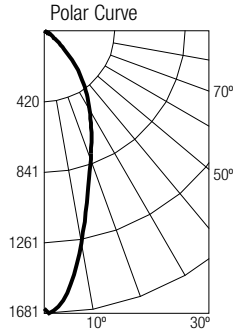
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Catalog No.

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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

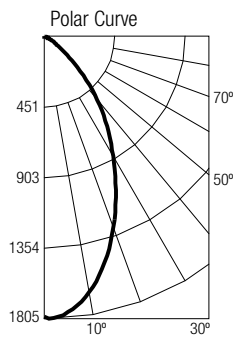
| Zone   | Lumens | % Luminaire |
|--------|--------|-------------|
| 0-30   | 661    | 55.7        |
| 0-40   | 917    | 77.2        |
| 0-60   | 1154   | 97.1        |
| 0-90   | 1184   | 99.7        |
| 90-180 | 4      | 0.3         |
| 0-180  | 1188   | 100         |

### 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

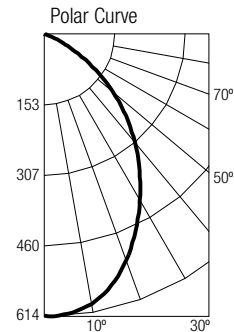
| Zone   | Lumens | % Luminaire |
|--------|--------|-------------|
| 0-30   | 765    | 64.6        |
| 0-40   | 1021   | 86.3        |
| 0-60   | 1174   | 99.1        |
| 0-90   | 1176   | 99.3        |
| 90-180 | 8      | 0.7         |
| 0-180  | 1184   | 100         |

### 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)