

NM4-RG

4" M4 Round LED Recessed Gimbal

Source: 12W LED
950lm

Type _____

Project _____

Catalog No. _____

Notes _____

PRODUCT DESCRIPTION

4" M4 Round LED adjustable gimbal are ideal for remodel or new constructions in residential and light commercial applications. IC Air-Tight rated luminaires require no housing, making installation easy.

FEATURES

- 15° Adjustment
- No housing required - IC Air-Tight rated
- Easy installation for remodel or new construction applications
- Quick disconnect allows for extended lengths
- 2700K or 3000K @ 90+ CRI
- Triac or ELV dimming
- 5-year limited warranty
- ENERGY STAR certified
- cETLus Listed for Wet Locations

SPECIFICATION

Construction: Die-cast aluminum trims available in matte black or matte powder white finish. Gimbal trim is adjustable up to 15°.

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

Clearance: IC rated luminaires are rated for direct contact with insulation (not spray foam insulation), no minimum clearance is required.

Junction Box: Prewired junction box includes quick connect to LED fixtures for ease of installation. Junction box includes four 1/2" trade size knockouts and snap on cover with 7" quick connect wire. Luminaire includes 5" quick connect wire. **Maximum length between luminaire and driver is 40'. For longer remote driver remote run length, consult factory.**

Mounting: No housing is required, two tensions steel spring clips secure luminaire to ceiling. Accommodates ceiling thickness up to 3/4". New construction frame-in available, see mounting accessories.

ELECTRICAL

Input Voltage: 120V

Lumens / Wattage: 950lm / 12W

Color Temperature: 2700K or 3000K

Color Rendering Index: 90+CRI

Beam Spread: 28° Narrow Flood

Operating Temperature: 0°C to 25°C ambient temperature

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

OPTIONAL MOUNTING ACCESSORIES

[NF-R246](#): Universal New Construction Frame-In

[NFC-R430](#): New Construction Frame-In with Collar

[NM2-EW-4](#): 4' Quick Connect Linkable Extension Cable

[NM2-EW-10](#): 10' Quick Connect Linkable Extension Cable

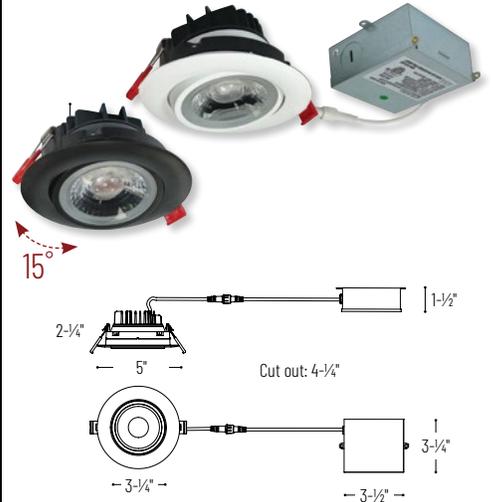
LABELS AND LISTINGS

- cETLus Listed for Wet Locations
- ENERGY STAR certified
- [5-Year Limited Warranty](#)
- FCC compliant
- Certified to the high efficacy requirements of California Title 24 JA8-2022



Performance Data		
Part Number	Lumens	CCT
NM4-RG27BB	899lm	2700K
NM4-RG27MPW	957lm	2700K
NM4-RG30BB	897lm	3000K
NM4-RG30MPW	958lm	3000K

PRODUCT IMAGES AND DIMENSIONS



4" M4 Round LED Recessed Gimbal

Trim Type	Color Temperature	Finish
NM4-RG = 4" Round Gimbal	27 = 2700K	BB = Matte Black
	30 = 3000K	MPW = Matte Powder White

Optional Mounting Accessories

Accessory Type
NF-R246 = Universal New Construction Frame-In
NFC-R430 = New Construction Frame-In with Collar
NM2-EW-4 = 4' Quick Connect Extension Cable
NM2-EW-10 = 10' Quick Connect Extension Cable

Example: **NM4-RGMPW** = 4" M4 Round LED Recessed Gimbal, 950lm / 12W, 3000K, Matte Powder White

NM4-RG

4" M4 Round LED Recessed Gimbal Accessories

Type	_____
Project	_____
Catalog No.	_____
Notes	_____



New Construction Frame-In



New Construction Frame-In with Collar



Quick Connect Extension Linkable Cables

NF-R375

For new construction pre-wiring and easier layout planning.

NFC-R430

New construction frame-in can be used to assist installing can-less recessed downlighting.

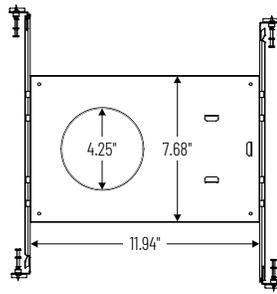
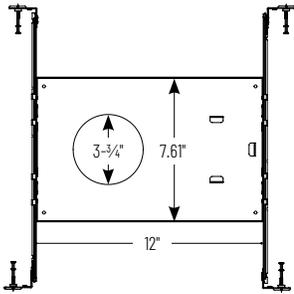
NM2-EW-4

4' Cable

NM2-EW-10

10' Cable

Use to extend the length between luminaire and driver enclosure. Can be connected together to create custom lengths. Maximum length between luminaire and driver is 40'. For longer remote driver remote run length, consult factory.



PHOTOMETRICS

NM4-RG

4" M4 Round LED Recessed Gimbal

Type

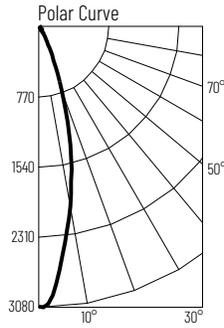
Project

Catalog No.

Notes

Test Information

Test Number: NTR1857R1
 Part Number: NM4-RG27MPW
 Beam Spread: 28° Narrow Flood
 Lumens: 957lm
 Wattage: 11.76W
 Efficacy: 81lpw
 CCT / CRI: 2700K / 90 CRI
 Spacing Criteria (0°-180°): 0.48
 Spacing Criteria (90°-270°): 0.48



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	191fc	2'
6'	85fc	3'
8'	47.8fc	4'
10'	30.6fc	5'-1"
12'	21.3fc	6'-1"

Zonal Lumen Summary

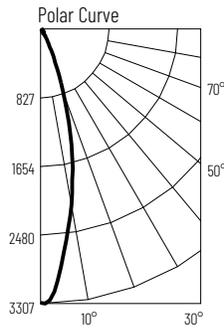
Zone	Lumens	% Luminaire
0-30	817	85.4
0-40	883	92.2
0-60	934	97.6
0-90	957	100
90-180	0	0
0-180	957	100

Candela Table

Vertical Angles	Candela
0	3060
5	2683
15	1447
25	417
35	114
45	39

Test Information

Test Number: NTR1878R1
 Part Number: NM4-RG30MPW
 Beam Spread: 27° Narrow Flood
 Lumens: 958lm
 Wattage: 11.67W
 Efficacy: 82lpw
 CCT / CRI: 3000K / 90 CRI
 Spacing Criteria (0°-180°): 0.46
 Spacing Criteria (90°-270°): 0.46



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	206fc	1'-11"
6'	91.7fc	2'-11"
8'	51.6fc	3'-10"
10'	33fc	4'-10"
12'	22.9fc	5'-8"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	819	85.5
0-40	882	92.1
0-60	934	97.5
0-90	958	100
90-180	0	0
0-180	958	100

Candela Table

Vertical Angles	Candela
0	3299
5	2874
15	1420
25	390
35	114
45	40

Finish Multiplier

Finish: Black (x0.94), Matte Powder White (x1.0)