

NM4-RG

4" M4 Round LED Recessed Gimbal

Source: 12W LED
950lm

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.

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

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



Type

Project

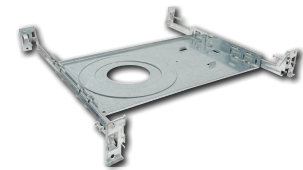
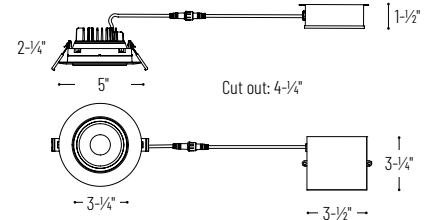
Catalog No.

Notes

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



NF-R246

Universal New Construction Frame-In



NM2-EW-4 4' Quick Connect Extension Cable
NM2-EW-10 10' Quick Connect Extension Cable

4" M4 Round LED Recessed Gimbal

Trim Type	Color Temperature / CRI	Finish
NM4-RG = 4" Round Gimbal	27 = 2700K / 90 CRI 30 = 3000K / 90 CRI	BB = Matte Black MPW = Matte Powder White

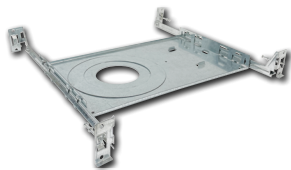
Optional Mounting Accessories

Accessory Type
NF-R246 = Universal New Construction Frame-In
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 / 90 CRI, Matte Powder White

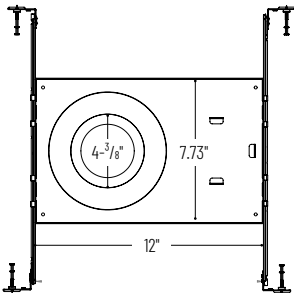
NM4-RG
4" M4 Round LED Recessed Gimbal Accessories

Type	
Project	
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Notes	



Universal New Construction Frame-In

NF-R246
For new construction pre-wiring and easier layout planning.



Quick Connect Extension Linkable Cables

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'.

PHOTOMETRICS

NM4-RG

4" M4 Round LED Recessed Gimbal

Type

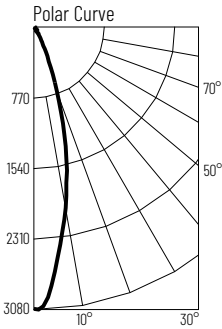
Project

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

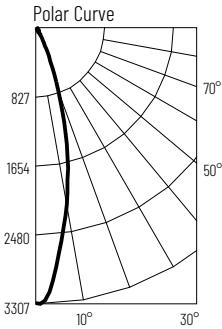
Zone	Lumens	% Luminaire
0-30	817	85.4
0-40	883	92.2
0-60	934	97.6
0-90	957	100
90-180	0	0
0-180	957	100

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)