

NM4-R470
4" M4 Round Can-less LED Recessed Elbow
Source: 12W LED
950lm

PRODUCT DESCRIPTION
4" M4 Round LED Elbow downlight features an adjustable head that extends 75° and rotates 300° for precise aiming. Quality and convenience with easy installation for insulated or non-insulated applications. Luminaires can be configured into square trim with accessory.

FEATURES
• No housing required - IC Airtight rated
• Field changeable optics included
• Easy installation for remodel or new construction applications
• Square trim available for an alternative appearance
• Quick disconnect allows for extended lengths
• 2700K or 3000K @ 90+ CRI
• Triac or ELV dimming
• 5-year limited warranty
• cETLus Listed for Damp Locations

SPECIFICATION
Construction: Die-cast aluminum trims with a powder-coated finish. Luminaire rotates 300° horizontally and extends up to 75°. Optional field changeable square trim is available.

Optics: Each downlight includes field changeable optics (24° spot and 40° narrow flood - preinstalled).

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 airtight 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 6" 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: 24° Spot and 40° Narrow Flood (included)
Operating Temperature: 0°C to 25°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

OPTIONAL TRIM ACCESSORIES
NM4-SET: Square Trim for NM4-R470, Black or White

OPTIONAL 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
NEPK-23LEDUNV: 23W Emergency with Remote Test Switch
NEPK-23LEDUNV-JB: 23W Emergency Kit w/ Test Switch
NEPKA-20/23LEDRTS: Ribbon Test Switch for NEPK-23LEDUNV

Emergency: Luminaire is compatible with NEPK-23LEDUNV (ordered separately). Remote mounted battery operates luminaire for 90 minute emergency operation with a fully charged battery. Emergency includes remote test switch, ribbon test switch accessory (NEPKA-20/23LEDRTS) ordered separately.

LABELS AND LISTINGS
• cETLus Listed for Damp Locations
• 5-Year Limited Warranty
• FCC compliant
• Certified to the high efficacy requirements of California Title 24 JA8-2025

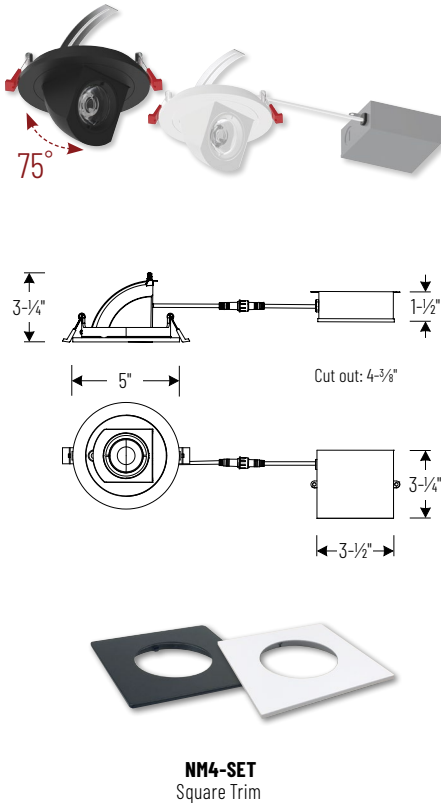


Table with 2 columns: Label (Type, Project, Catalog No., Notes) and Value.

Table with 3 columns: Part Number, Lumens, CCT. Rows include NM4-R47027BB, NM4-R47027MPW, NM4-R47030BB, and NM4-R47030MPW.

Delivered lumens will vary depending on optic

PRODUCT IMAGES AND DIMENSIONS



4" M4 Round Can-less LED Recessed Elbow

Table with 2 columns: Color Temperature, Finish. Rows include NM4-R47027 = 2700K, BB = Black, NM4-R47030 = 3000K, MPW = White.

Square Trim Accessory

Table with 2 columns: Description. Rows include NM4-SETB = Square Trim, Black Finish, NM4-SETMPW = Square Trim, White Finish.

Optional Mounting Accessories

Table with 2 columns: Accessory Type. Rows include NF-R246, NFC-R430, NM2-EW-4, NM2-EW-10, NEPK-23LEDUNV, NEPK-23LEDUNV-JB, and NEPKA-20/23LEDRTS.

NM4-R470

4" M4 Round Can-less LED Recessed Elbow Accessories

Type	
Project	
Catalog No.	
Notes	

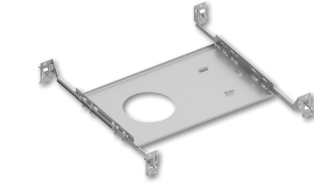


Square Trim for NM4-R470

NM4-SETB NM4-SETMPW

Converts the round trim included with NM4-R470 elbow into a square trim

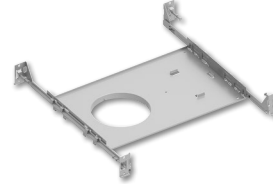
Black Finish
White Finish



New Construction Frame-In

NF-R375

For new construction pre-wiring and easier layout planning.



New Construction Frame-In with Collar

NFC-R430

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

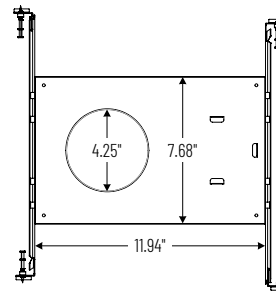
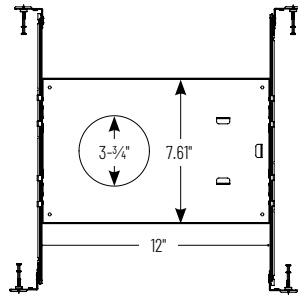


Quick Connect Extension Linkable Cables

NM2-EW-4 NM2-EW-10

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.

4' Cable
10' Cable



23W Emergency LED Driver with Remote Test Switch

NEPK-23LEDUNV

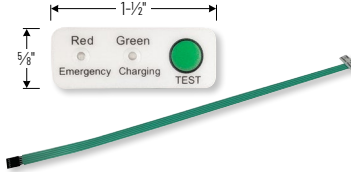
120-277V Emergency battery operates luminaire for 90 minute emergency operation with a fully charged battery. Requires 24 hours to charge the battery.



23W Emergency LED Driver Kit with Remote Test Switch

NEPK-23LEDUNV-JB

120-277V Emergency battery operates luminaire for 90 minute emergency operation with a fully charged battery. Requires 24 hours to charge the battery. Includes junction box.



Ribbon Test Switch for NEPK-23LEDUNV

NEPKA-20/23LEDRTS

Ribbon test switch replaces remote test switch included with emergency driver. Double sided tape is pre-installed.

PHOTOMETRICS

4" M4 Round Can-less LED Recessed Elbow

Type

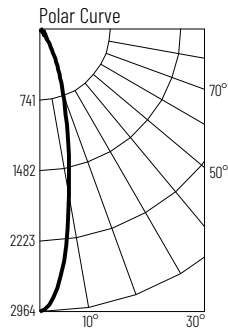
Project

Catalog No.

Notes

Test Information

Test Number: NTR1871R1
Part Number: NM4-R47027MPW
Beam Spread: 24° Spot
Lumens: 935lm
Wattage: 11.74W
Efficacy: 80lpw
CCT / CRI: 2700K / 90 CRI
Spacing Criteria (0°-180°): 0.42
Spacing Criteria (90°-270°): 0.42



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	185fc	1'-8"
6'	82.2fc	2'-7"
8'	46.2fc	3'-6"
10'	29.6fc	4'-4"
12'	20.5fc	5'-2"

Zonal Lumen Summary

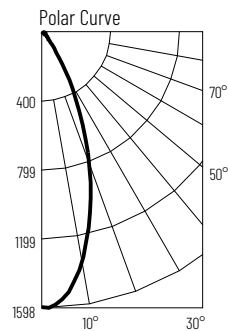
Zone	Lumens	% Luminaire
0-30	721	77
0-40	807	86.2
0-60	899	96.1
0-90	935	100
90-180	0	0
0-180	935	100

Candela Table

Vertical Angles	Candela
0	2958
5	2607
15	1124
25	398
35	128
45	67

Test Information

Test Number: NTR1872R1
Part Number: NM4-R47027MPW
Beam Spread: 40° Narrow Flood
Lumens: 942lm
Wattage: 11.74W
Efficacy: 80lpw
CCT / CRI: 2700K / 90 CRI
Spacing Criteria (0°-180°): 0.66
Spacing Criteria (90°-270°): 0.66



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	99.7fc	3'
6'	44.3fc	4'-5"
8'	24.9fc	5'-11"
10'	15.9fc	7'-5"
12'	11.1fc	8'-11"

Zonal Lumen Summary

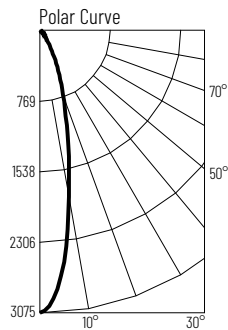
Zone	Lumens	% Luminaire
0-30	697	74
0-40	819	86.9
0-60	912	96.7
0-90	942	100
90-180	0	0
0-180	942	100

Candela Table

Vertical Angles	Candela
0	1595
5	1516
15	1076
25	568
35	200
45	66

Test Information

Test Number: NTR1875R1
Part Number: NM4-R47030MPW
Beam Spread: 24° Spot
Lumens: 958lm
Wattage: 11.51W
Efficacy: 83lpw
CCT / CRI: 3000K / 90 CRI
Spacing Criteria (0°-180°): 0.42
Spacing Criteria (90°-270°): 0.42



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	192fc	1'-8"
6'	85.3fc	2'-7"
8'	48fc	3'-5"
10'	30.7fc	4'-4"
12'	21.3fc	5'-2"

Zonal Lumen Summary

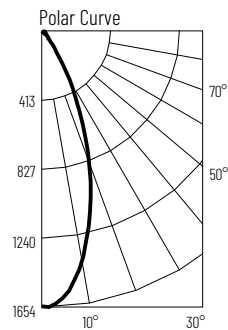
Zone	Lumens	% Luminaire
0-30	733	76.6
0-40	823	85.9
0-60	920	96.1
0-90	958	100
90-180	0	0
0-180	958	100

Candela Table

Vertical Angles	Candela
0	3072
5	2688
15	1183
25	449
35	149
45	73

Test Information

Test Number: NTR1876R1
Part Number: NM4-R47030MPW
Beam Spread: 40° Narrow Flood
Lumens: 970lm
Wattage: 11.56W
Efficacy: 84lpw
CCT / CRI: 3000K / 90 CRI
Spacing Criteria (0°-180°): 0.66
Spacing Criteria (90°-270°): 0.66



Illuminance at a Distance

Distance from Luminaire	FC at Nadir	Beam Diameter
4'	103fc	2'-11"
6'	45.9fc	4'-5"
8'	25.8fc	5'-11"
10'	16.5fc	7'-4"
12'	11.5fc	8'-10"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	716	73.8
0-40	841	86.7
0-60	939	96.8
0-90	970	100
90-180	0	0
0-180	970	100

Candela Table

Vertical Angles	Candela
0	1651
5	1594
15	1120
25	559
35	176
45	56

Finish Multiplier

Finish: Black (x0.95), White (x1.0)