

NM1-PRDC

1" M1+ Round LED Recessed Downlight

Source: 9W
600lm

PRODUCT DESCRIPTION

120V M1+ downlights features quality and convenience with easy installation for any application. Die-cast trims come standard in matte black or matte powder white and include a pre-wired junction box.

FEATURES

- No housing required - IC Airtight rated
- Easy installation for remodel or new construction applications
- Square trim accessory available
- Quick disconnect allows for extended lengths
- Delivering up to 600 lumens
- 2700K or 3000K @ 90+ CRI
- 120V input; Triac or ELV dimming
- 5-year limited warranty
- cETLus Listed for Wet Locations

SPECIFICATION

Construction: Die-cast aluminum trims with powder coated finish. Optional square trim can be changed in field, ordered separately.

Air Flow Restriction: Luminaire restricts 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: Pre-wired junction box includes quick connect to LED fixtures for ease of installation. Junction box includes one 1/2" trade size knockout and snap on cover with 18" 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".

ELECTRICAL

Input Voltage: 120V
Lumens / Wattage: 600lm / 9W
Color Temperature: 2700K or 3000K
Color Rendering Index: 90+ CRI
Operating Temperature: 0-30°C
Dimming: Triac or ELV
[Click Here](#) or check complete dimmer list at [www.Nora-Lighting.com](#) in the "Compatibility" page under "Resources" tab

OPTIONAL ACCESSORIES

NM1-PSDT: Square Trim for NM1-PRDC
NF-R2: New Construction Frame-In (optional)
NMA-EW-4: 4' Quick Connect Linkable Extension Cable
NMA-EW-10: 10' Quick Connect Linkable Extension Cable
NEPK-23LEDUNV: 23W Emergency with Remote 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 Wet Locations
- 5-Year Limited Warranty
- FCC compliant
- Certified to the high efficacy requirements of California Title 24 JA8-2025

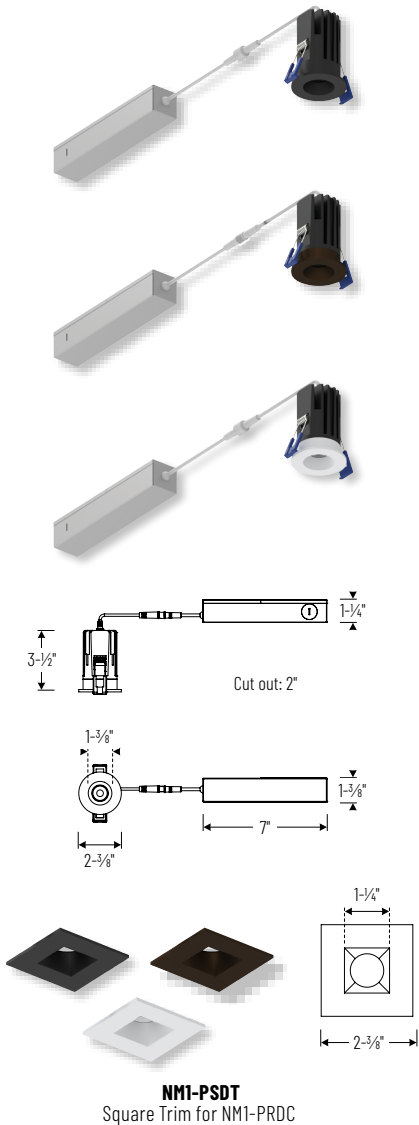


Type
Project
Catalog No.
Notes

Performance Data		
Part Number	Lumens	CCT
NM1-PRDCL130BB	597lm	3000K
NM1-PRDCL130BZ	553lm	3000K
NM1-PRDCL130MPW	612lm	3000K

Delivered lumens will vary depending on CCT

PRODUCT IMAGES AND DIMENSIONS



1" M1+ Round LED Recessed Downlight

Color Temperature	Finish
NM1-PRDCL127 = 2700K	BB = Black
NM1-PRDCL130 = 3000K	BZ = Bronze
	MPW = White

Optional Accessories

Accessory Type
NM1-PSDTBB = Square Trim, Black Finish
NM1-PSDTBZ = Square Trim, Bronze Finish
NM1-PSDTMPW = Square Trim, White Finish
NMA-EW-4 = 4' Quick Connect Extension Cable
NMA-EW-10 = 10' Quick Connect Extension Cable
NF-R2 = New Construction Frame-In
NEPK-23LEDUNV = 23W Emergency LED Driver w/ Remote Test Switch
NEPKA-20/23LEDRTS = Ribbon Test Switch for NEPK-23LEDUNV

Example: NM1-PRDCL130MPW = 1" M1+ Round LED Recessed Downlight, 600lm / 9W, 3000K / 90 CRI, White Finish

NM1-PRDC

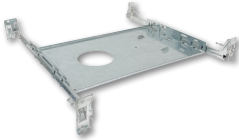
1" M1+ Round LED Recessed Downlight Accessories

Type	
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Catalog No.	
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Square Trim for NM1-PRDC

NM1-PSDTBB Black
NM1-PSDTBZ Bronze
NM1-PSDTMPW White
Converts the round trim included with NM1-PRDC into a square trim



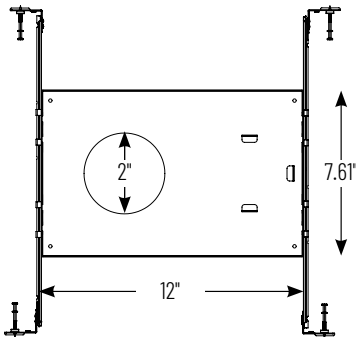
New Construction Frame-In for NM1-PRDC

NF-R2
New construction frame-in can be used to assist installing can-less recessed downlighting. Helps indicate wiring location and cutting guide.



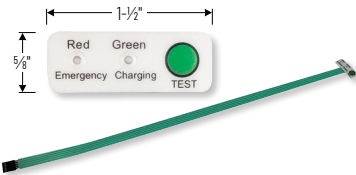
Quick Connect Extension Linkable Cables

NMA-EW-4 4' Cable
NMA-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.



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.



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

1" M1+ Round LED Recessed Downlight

Type

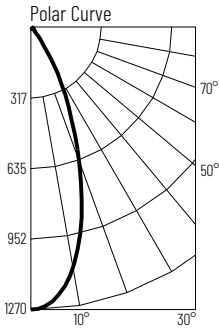
Project

Catalog No.

Notes

Test Information

Test Number: NTR1996R1
Part Number: NM1-PRDCL130BB
Beam Spread: 40° Narrow Flood
Lumens: 597lm
Wattage: 8.3W
Efficacy: 72lpw
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'	79.3fc	2'-11"
6'	35.3fc	4'-4"
8'	19.8fc	5'-10"
10'	12.7fc	7'-2"
12'	8.8fc	8'-7"

Zonal Lumen Summary

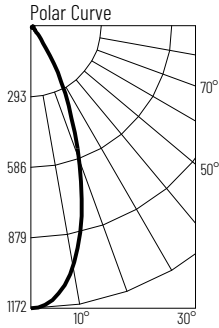
Zone	Lumens	% Luminaire
0-30	527	88.3
0-40	579	97.1
0-60	596	99.9
0-90	597	100
90-180	0	0
0-180	597	100

Candela Table

Vertical Angles	Candela
0	1270
5	1227
15	881
25	379
35	78
45	14

Test Information

Test Number: NTR1998R1
Part Number: NM1-PRDCL130BZ
Beam Spread: 40° Narrow Flood
Lumens: 553lm
Wattage: 8.28W
Efficacy: 67lpw
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'	73.2fc	2'-11"
6'	32.5fc	4'-4"
8'	18.3fc	5'-8"
10'	11.7fc	7'-2"
12'	8.1fc	8'-7"

Zonal Lumen Summary

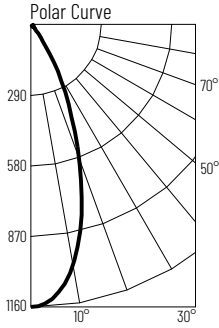
Zone	Lumens	% Luminaire
0-30	485	87.8
0-40	535	96.8
0-60	552	99.9
0-90	553	100
90-180	0	0
0-180	553	100

Candela Table

Vertical Angles	Candela
0	1172
5	1132
15	810
25	349
35	75
45	14

Test Information

Test Number: NTR2000R1
Part Number: NM1-PRDCL130MPW
Beam Spread: 40° Narrow Flood
Lumens: 612lm
Wattage: 8.6W
Efficacy: 71lpw
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'	72.5fc	2'-11"
6'	32.2fc	4'-5"
8'	18.1fc	5'-11"
10'	11.6fc	7'-4"
12'	8.1fc	8'-10"

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	500	81.7
0-40	566	92.5
0-60	602	98.4
0-90	612	100
90-180	0	0
0-180	612	100

Candela Table

Vertical Angles	Candela
0	1160
5	1122
15	809
25	380
35	103
45	26

Lumen Output Multipliers
CCT: 2700K (0.92), 3000K (1.00)