

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 Air-Tight 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
- ENERGY STAR certified
- cETLus Listed for Wet Locations

SPECIFICATION

Construction: Die-cast aluminum trims available in matte black or matte powder white 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 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: 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.

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.NoraLighting.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

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.

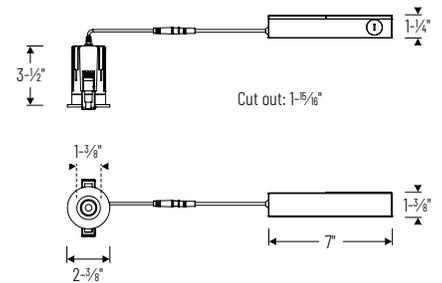
Notes

Performance Data

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

Delivered lumens will vary depending on CCT

PRODUCT IMAGES AND DIMENSIONS



NM1-PSDT
Square Trim for NM1-PRDC

1" M1+ Round LED Recessed Downlight

Trim Type	Lumens / Wattage	Color Temperature / CRI	Finish
NM1-PRDC = 1" Round Downlight	L1 = 600lm / 9W	27 = 2700K / 90 CRI 30 = 3000K / 90 CRI	BB = Matte Black BZ = Bronze MPW = Matte Powder White

Optional Accessories

Accessory Type	Finish
NM1-PSDT = Square Trim	BB = Matte Black BZ = Bronze MPW = Matte Powder White
NMA-EW-4 = 4' Quick Connect Extension Cable	
NMA-EW-10 = 10' Quick Connect Extension Cable	
NF-R2 = New Construction Frame-In	

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

PHOTOMETRICS

1" M1+ Round LED Recessed Downlight

Type

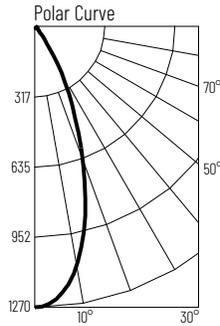
Project

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

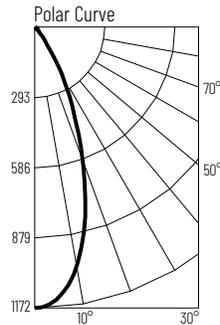
Zone	Lumens	% Luminaire
0-30	527	88.3
0-40	579	97.1
0-60	596	99.9
0-90	597	100
90-180	0	0
0-180	597	100

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

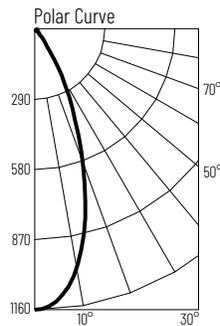
Zone	Lumens	% Luminaire
0-30	485	87.8
0-40	535	96.8
0-60	552	99.9
0-90	553	100
90-180	0	0
0-180	553	100

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)