NM1-PRDC

1" M1+ Round LED Recessed Downlight

Source: 9W 600lm

Type **Project** Catalog No. **Notes**

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 ½" 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





















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

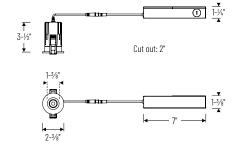
Delivered lumens will vary depending on CCT

PRODUCT IMAGES AND DIMENSIONS











NM1-PSDT Square Trim for NM1-PRDC

1" M1+ Round LED Recessed Downlight **Optional Accessories**

Trim Type	Lumens / Wattage	Color Temperature / CRI	Finish	Accessory Type	Finish
NM1-PRDC = 1" Round Downlight	L1 = 600lm / 9W	27 = 2700K / 90 CRI	BB = Matte Black	NM1-PSDT = Square Trim	BB = Matte Black
		30 = 3000K / 90 CRI	BZ = Bronze		BZ = Bronze
			MPW = Matte Powder White		MPW = Matte Powder White
				NMA-EW-4 = 4' Quick Connect Ex	tension Cable
				NMA-EW-10 = 10' Quick Connect &	extension Cable
				NF_D2 - New Construction Frame	ı-In

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



PHOTOMETRICS

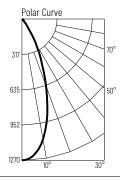
1" M1+ Round LED Recessed Downlight

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	а	Distance

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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	
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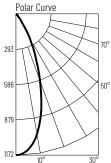
Candela Table

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

Test Information

Test Number: NTR1998R1 Part Number: NM1-PRDCL130BZ Beam Spread: 40° Narrow Flood Lumens: 553Im

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

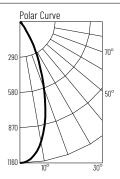
Candela Table

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: 612Im

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)

