

# NMRTLGPD

## Pull-Down LED Trimless Multiples

Source: 30W LED

2100lm per module

### PRODUCT DESCRIPTION

Multi-lamp functionality and architectural aesthetics define LED Pull-Down Multiple Lighting System. This recessed family of fixtures is available in one to three lamp liner configurations and can be installed in new or remodel construction. The trimless look blends with the ceiling line with no visible flange. Accessories include a frame for new construction rough-in and a flange kit for application where trimless does not work.

### FEATURES

- 2100lm / 30W per head
- 2700K, 3000K, 3500K or 4000K @ 90+ CRI
- Specifiable with Spot or Narrow Flood beam spread
- Dimmable - 120V Triac/ELV or 0-10V / 277V 0-10V
- Three configurations: one-light square, two- and three-light linear
- Can be installed as a remodel or new construction
- Optional new construction frame-in
- Optional flange kit
- 359° horizontal rotation / 85° vertical tilt

### CONSTRUCTION

**Housing:** 0.05" galvanized steel with ventilation openings for proper heat dissipation. A separate driver compartment with eight 1/2" knockouts for electrical entry to the wiring compartment are available. Housing includes adjustable brackets for various ceiling depths (max. 1-5/8") and separate mud ring for finishing.

**Adjustability:** 359° horizontal and 85° vertical adjustment when fully extended. Each head can be pulled down or adjusted individually.

**Installation:** The housing can be installed in existing drywall ceilings or can be roughed-in for new construction with optional frame-in. Housing comes standard with mud ring for trimless installation, optional flange kit is available.

**Minimum Clearance:** Requires a minimum clearance of 3" from thermal insulation and 1/2" from any adjacent building components.

**Quick Connect:** Each driver has a lead with quick connect. The quick connect easily attaches to quick connect of the LED module. Drivers can be supplied with a single supply or individual supply line for independent control.

### ELECTRICAL

**Input Voltage:** 120-277V

**Lumen / Wattage:** 2100lm / 30W each module

**Color Temperature:** 2700K, 3000K, 3500K and 4000K

**CRI:** 90+

**Operating Temp.:** 0°-45°C max. ambient temp.

**Dimming:** 0-10V

### OPTIONAL ACCESSORIES

Multiple lighting housings can be converted to new construction installations or flanged units with accessories.

| Catalog No.           | Description   |
|-----------------------|---|
| <b>NMRTL-F1</b>       | (1) Head frame-in for new construction installation |
| <b>NMRTL-F2</b>       | (2) Head frame-in for new construction installation |
| <b>NMRTL-F3</b>       | (3) Head frame-in for new construction installation |
| <b>NMRTL-1FK(B,W)</b> | (1) Head flange kit (Black or White finish)         |
| <b>NMRTL-2FK(B,W)</b> | (2) Head flange kit (Black or White finish)         |
| <b>NMRTL-3FK(B,W)</b> | (3) Head flange kit (Black or White finish)         |

### LABELS AND LISTINGS

- cULus Listed for Damp Locations
- ENERGY STAR® Certified
- [5-Year Limited Warranty](#)



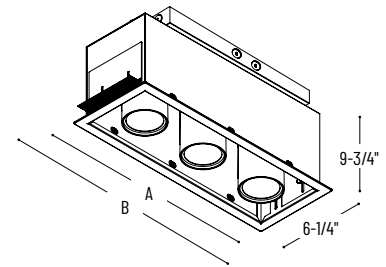
Type

Project

Catalog No.

Notes

### PRODUCT IMAGES AND DIMENSIONS



| Dimensions | Length (A) | Length w/ Bracket (B) | Ceiling Cut-Out  |
|------------|------------|-----------------------|------------------|
| 1 Head     | 6-1/4"     | 9-3/4"                | 6-1/4" x 6-1/4"  |
| 2 Head     | 12-1/4"    | 15"                   | 12-1/4" x 6-1/4" |
| 3 Head     | 18-1/2"    | 21"                   | 18-1/2" x 6-1/4" |



Mud Plate (included)



Flange Kit (optional)



Frame-In for New Construction (optional)

### Pull-Down Adjustable LED Trimless MLS - Luminaire ships complete with adjustable module(s) installed

| Series            | # of Heads  | Input Voltage        | Lumen / Wattage Per Head  | Color Temperature | Beam Spread                         | Finish                               |
|-------------------|-------------|----------------------|---------------------------|-------------------|-------------------------------------|--------------------------------------|
| <b>NMRTLGPD-1</b> | 1 = 1 Head  | <b>D6</b> = 120-277V | <b>L20</b> = 2100lm / 30W | <b>27</b> = 2700K | <b>S</b> = Spot<br><b>F</b> = Flood | <b>B</b> = Black<br><b>W</b> = White |
|                   | 2 = 2 Heads |                      |                           | <b>30</b> = 3000K |                                     |                                      |
|                   | 3 = 3 Heads |                      |                           | <b>35</b> = 3500K |                                     |                                      |
|                   |             |                      |                           | <b>40</b> = 4000K |                                     |                                      |

### Optional Accessories

| Description  |
|--|
| <b>NMRTL-F1</b> = 1-Head Frame-In for New Construction |
| <b>NMRTL-F2</b> = 2-Head Frame-In for New Construction |
| <b>NMRTL-F3</b> = 3-Head Frame-In for New Construction |
| <b>NMRTL-1FKB</b> = 1-Head Flange Kit, Black           |
| <b>NMRTL-1FKW</b> = 1-Head Flange Kit, White           |
| <b>NMRTL-2FKB</b> = 2-Head Flange Kit, Black           |
| <b>NMRTL-2FKW</b> = 2-Head Flange Kit, White           |
| <b>NMRTL-3FKB</b> = 3-Head Flange Kit, Black           |
| <b>NMRTL-3FKW</b> = 3-Head Flange Kit, White           |

Example: **NMRTLGPD-12D6L2035FB** - Trimless Multiple (2) Head LED Pull-Down, 120-277V input, 2100lm / 30W, 3500K, Flood Beam Spread, Black finish

# NMRTLGPD

Pull-Down LED Trimless Multiples  
Photometrics

Type \_\_\_\_\_

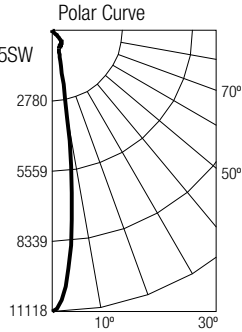
Project \_\_\_\_\_

Catalog No. \_\_\_\_\_

Notes \_\_\_\_\_

## Test Information

Test Number: NTM1003  
Part Number: NMRTLGPD-11D1L2035SW  
Beam Spread: Spot  
Lumens: 2093lm  
Wattage: 28.7W  
Efficacy: 73lpw  
CCT / CRI: 3500K / 90 CRI  
Spacing Criteria (0°-180): 0.28  
Spacing Criteria (90°-270): 0.28



## Illuminance at a Distance

| Distance from Luminaire | FC at Nadir | Beam Diameter |
|-------------------------|-------------|---------------|
| 4'                      | 695fc       | 1'-1"         |
| 6'                      | 309fc       | 1'-8"         |
| 8'                      | 174fc       | 2'-2"         |
| 10'                     | 111fc       | 2'-10"        |
| 12'                     | 77.2fc      | 3'-4"         |

## Zonal Lumen Summary

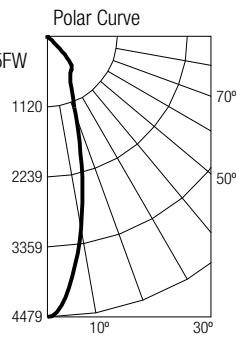
| Zone   | Lumens | % Luminaire |
|--------|--------|-------------|
| 0-30   | 1372   | 65.6        |
| 0-40   | 1773   | 84.7        |
| 0-60   | 2048   | 97.9        |
| 0-90   | 2068   | 98.8        |
| 90-180 | 25     | 1.2         |
| 0-180  | 2093   | 100         |

## Candela Table

| Vertical Angles | Candela |
|-----------------|---------|
| 0               | 11118   |
| 5               | 8537    |
| 15              | 1252    |
| 25              | 715     |
| 35              | 648     |
| 45              | 326     |

## Test Information

Test Number: NTM1002  
Part Number: NMRTLGPD-11D1L2035FW  
Beam Spread: Flood  
Lumens: 2105lm  
Wattage: 28.4W  
Efficacy: 74lpw  
CCT / CRI: 3500K / 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'                      | 280fc       | 2'-1"         |
| 6'                      | 124fc       | 3'-1"         |
| 8'                      | 70fc        | 4'-1"         |
| 10'                     | 44.8fc      | 5'-1"         |
| 12'                     | 31.1fc      | 6'-2"         |

## Zonal Lumen Summary

| Zone   | Lumens | % Luminaire |
|--------|--------|-------------|
| 0-30   | 1366   | 64.9        |
| 0-40   | 1784   | 84.7        |
| 0-60   | 2063   | 98          |
| 0-90   | 2088   | 99.2        |
| 90-180 | 18     | 0.8         |
| 0-180  | 2105   | 100         |

## Candela Table

| Vertical Angles | Candela |
|-----------------|---------|
| 0               | 4479    |
| 5               | 4027    |
| 15              | 2122    |
| 25              | 918     |
| 35              | 667     |
| 45              | 338     |