

**10**  
**YEAR**  
Product  
**WARRANTY**



# PDL3 MODUS

LED lighting system

 **SloanLED**<sup>®</sup>  
A Principal Industries Company

# Brilliance by design.

PDL3 MODUS sets a new standard in canopy/soffit lighting with its slim, lightweight, 25 mm (1") design, optimized Type V symmetric distribution, included driver, and IP68 rating offering the industries best protection from dust and water intrusion.

- Standard power supply module includes three field-selectable lumen output power settings: High (123, 141, 164 W output), Medium (76, 98, 119 W output), and Low (36, 50, 64 W output)
- Superior efficacy, up to 159 lm/W, for lower energy consumption and a smaller carbon footprint
- ATEX certified for use in hydrogen and petroleum fuel station canopies
- Faster ROI, industry-leading 10-year warranty, and virtually maintenance-free
- **Energy savings up to 250% over typical HID fixtures**



## Ordering Information

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### Luminaire

Example: 701948-5WTWT3-M150

**Most common configuration**

Product	Color temp. (CCT)	Body color	Power* (Low, Med, High power settings)	Factory preset power settings
701948- T 3-	4W 4000 K 5W 5000 K	BZ Bronze (150 & 200 W only) WT White	M75 75 W power (36, 50, 64 W output) M150 150 W power (76, 98, 119 W output) MH200 200 W high output power (123, 141, 164 W output)	(blank) High power setting (default) P1 Medium power setting P2 Low power setting

### Accessories

Item description	Part number
Shoebox mounting plate	401397
Shoebox mounting plate (Bronze)	401397-BZ
Mounting plate, 813 × 660 mm	402540
Blank plate (de-lamping / removing)	401219
Blank plate, Bronze (de-lamping/removing)	401219-BZ
Install template	401398
1-10 V dimming connector cable	410168

### Dimming accessories

Item description	Part number
Dimming controller for 75 W power supply	601092‡
Dimming controller for 150 W power supply	601093‡
Dimming controller for 200 W power supply	601094‡
Occupancy sensor	701953

### Replacement parts

Item description	Part number
75 W power supply	601071
150 W power supply	601072
200 W power supply	601073

### Driver enclosure

Item description	Part number
Canopy/soffit applications	601106†
Surface mount applications	601022-M

\* Driver and power controller included. Standard configuration: All models are shipped at the highest system power setting unless ordered with factory preset options P1 or P2.

† 601106 required by NEC code in North America.

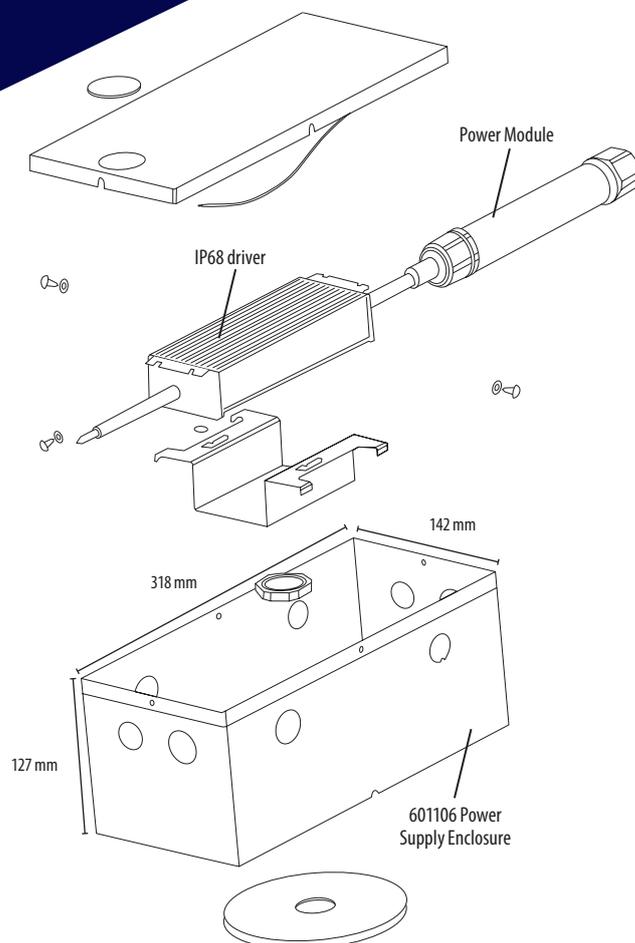
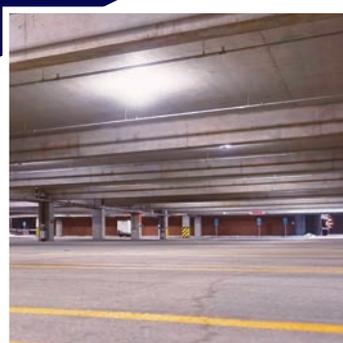
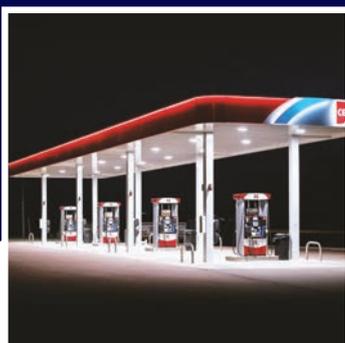
‡ Dimming controller replaces the Power Module. Dimming controller box fits inside of all driver housings or mounting enclosures.

For more information on our Outdoor Area collection of products, visit [SloanLED.com](http://SloanLED.com).

# One powerful solution. Multiple applications.

PDL3 MODUS LED lighting system is a perfect example of the **innovative, class-leading design**

you've come to expect from SloanLED. New application based, remote power supply solutions, specifically designed to disperse heat away from the luminaire, make it easy to specify and install for petroleum canopies, walk-in coolers/cold storage, and parking structure/surface-mount low bay applications.



## Canopy/Soffit Applications

Driver enclosure

Order number: 601106

Included in kit: Power supply enclosure, gasket, and mounting hardware.†

- Power supply enclosure allows water to pass through and out
- Gasket seals against canopy – Eliminates need to seal installation with tar/roofing material

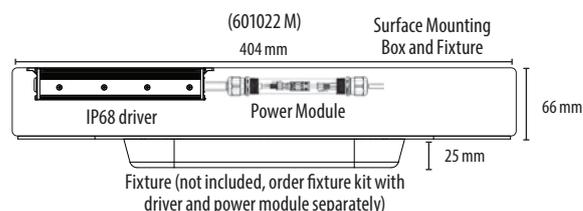
## Surface Mounted Applications

Surface mounting enclosure

Order number: 601022-M

Included in kit: SloanLED surface mounting box.†

- Mounts to: Solid flat surface, reinforced J-box



Also available

**MODUS**  
**SmartBAY™**

The MODUS SmartBAY™ Wireless Control System

is an intelligent lighting control solution that features a wireless mesh

(WPAN) control design allowing dimming based on traffic and occupancy detection to deliver the right amount of light—where and when you need it—for incredible ROI and energy savings.

Visit [SloanLED.com](http://SloanLED.com) for more information.



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\* Driver and power controller included. Standard configuration: All models are shipped at the highest system power setting unless ordered with factory preset options P1 or P2.  
† Fixture kit with driver and power module not included. Order separately.

# PDL3 MODUS

## Specifications

### Electrical

**Input voltage** ..... 100-277 VAC, 50-60 Hz

Product	Power setting	Lumens <sup>§</sup>	Efficacy <sup>§</sup>
<b>M75</b>	<b>P2</b> – Low (36 W)	5,670	159.3 lm/W
	<b>P1</b> – Med. (50 W)	7,869	157.9 lm/W
	<b>DF</b> – High (64 W) <sup>‡</sup>	9,951	155.0 lm/W
<b>M150</b>	<b>P2</b> – Low (76 W)	11,540	152.7 lm/W
	<b>P1</b> – Med. (98 W) <sup>‡</sup>	14,800	146.9 lm/W
	<b>DF</b> – High (119 W)	16,880	142.5 lm/W
<b>MH200</b>	<b>P2</b> – Low (123 W)	20,700	169.6 lm/W
	<b>P1</b> – Med. (141 W)	23,210	167.8 lm/W
	<b>DF</b> – High (164 W) <sup>‡</sup>	26,040	165.5 lm/W

### Lighting

**Light distribution** ..... Symmetric (Type 5)

**Color (CCT)** ..... 4000 K, 5000 K

**Color rendering** ..... 70 CRI

### Performance

#### Operating temperature

Product	Low	Med	High
<b>M75</b>	-40° C to 60° C	-40° C to 55° C	-40° C to 50° C
<b>M150</b>		-40° C to 50° C	-40° C to 40° C
<b>MH200</b>			

**Ingress protection** ..... IP68

**UL location rating** ..... Suitable for wet locations

**Explosion proof<sup>†</sup>** ..... ATEX zone 2 rated  
DEMKO 18 ATEX 2033x II 3 G ec IIC T4 Gc

**Life rating** ..... **M75 & M150**  
Reported: L<sub>70</sub> > 60,000 hours  
Calculated: L<sub>70</sub> > 150,000 hours  
**MH200**  
Reported: L<sub>70</sub> > 60,000 hours  
Calculated: L<sub>70</sub> > 175,000 hours

**Dimming** ..... 1-10 VDC control on power supply<sup>\*</sup>



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[SloanLED.com](http://SloanLED.com)

Specifications subject to change without notice.  
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Visit product page for details.

Specifications subject to change without notice.

### Construction

**Frame** ..... Die cast aluminum

**Heat plate** ..... Aluminum

**Finish** ..... **M75 & M150** ..... White  
**MH200** ..... Bronze or White  
Powder coated for extreme conditions

**Lens** ..... Tempered frosted lens

### Mounting

**Fixture** ..... 4 self-drilling sheet metal screws

### Documentation

**Warranty** ..... 10-year limited

**Agency listings** ..... cULus, CE, ENEC, ATEX<sup>†</sup>, RoHS, Title 24 Compliant

**Files available** ..... LM-79, LM-80, IES

\* Requires 1-10 V connector cable (P/N 410168).

† ATEX certification for luminaire at 5000 K CCT only.

‡ All models are shipped at the highest system power setting unless ordered with factory preset options P1 or P2.

§ Based on 5000 K CCT data.

### Dimensions

