

# PML3 Paladin

LED pole mount family  
for area lighting

## Specifications

### Electrical

**Input voltage** ..... 100-240 VAC, 50-60 Hz

| Size  | System power | System efficacy | Inrush current |
|-------|--------------|-----------------|----------------|
| 200 W | 212.3 W      | 99.3 lm/W       | 30 A           |
| 160 W | 153.5 W      | 107.3 lm/W      | 65 A           |
| 120 W | 116.9 W      | 105.6 lm/W      | 60 A           |
| 90 W  | 89.5 W       | 103.7 lm/W      | 60 A           |
| 60 W  | 55 W         | 110.3 lm/W      | 55 A           |
| 40 W  | 37 W         | 120.0 lm/W      | 50 A           |
| 30 W  | 32 W         | 122.0 lm/W      | 50 A           |

### Lighting

| Size  | Light output<br>(nominal) | Pole height & Lux correlation |             |             |             |             |              |            |
|-------|---------------------------|-------------------------------|-------------|-------------|-------------|-------------|--------------|------------|
|       |                           | 3.6 m (12')                   | 4.5 m (15') | 6.0 m (20') | 7.6 m (25') | 9.0 m (30') | 10.5 m (35') | 12 m (40') |
| 200 W | 21,074 Lumens             | 414                           | 271         | 156         | 105         | 70          | 66           | 61         |
| 160 W | 16,464 Lumens             | 330                           | 212         | 123         | 82          | 55          | 51           | 46         |
| 120 W | 12,347 Lumens             | 253                           | 165         | 97          | 64          | 43          | 47           | 41         |
| 90 W  | 9,283 Lumens              | 195                           | 128         | 74          | 49          | 33          | 41           | 32         |
| 60 W  | 6,064 Lumens              | 93                            | 70          | 49          | 34          | 20          | 23           | 15         |
| 40 W  | 4,443 Lumens              | 68                            | 51          | 36          | 25          | 15          | 20           | 14         |
| 30 W  | 3,901 Lumens              | 59                            | 44          | 31          | 22          | 13          | 13           | 9          |

**Light distribution**..... Type III and Type V

**Color temperature (CCT)** ..... 5000 K

**Color rendering (CRI)** ..... >75

### Performance

**Ingress protection** ..... IP66

**IK Code** ..... IK09

**Operating temperature**..... -35° C to 50° C

**Life rating** ..... 70,000 hours (L<sub>70</sub>)<sup>1</sup>



<sup>1</sup> Based on LED component manufacturer data.



### Construction

**Body** ..... Die cast aluminum

**Body colors** ..... Silver and White

**Dimensions L × W × H** ..... **Large** ..... 878 mm × 402 mm × 182 mm  
(34.5" × 15.8" × 7.15")  
**Medium** ..... 758 mm × 332 mm × 167 mm  
(29.8" × 13.1" × 6.6")  
**Small** ..... 628 mm × 266 mm × 160 mm  
(24.7" × 10.5" × 6.3")

**Weight** ..... **Large** ..... 15.6 kg  
**Medium** ..... 10.5 kg  
**Small** ..... 10.1 kg

### Mounting

**Adjustable slipfitter** ..... Die cast aluminum fitter adjusts incrementally 15° up from horizontal and 15° down from horizontal

**Pole top** ..... **Large** ..... Fitter mates to nominal  
Ø 76 mm (3.0") round pole  
**Medium, Small** ..... Fitter mates to nominal  
Ø 60 mm (2.4") round pole

### Documentation

**Warranty** ..... 5-year limited

**Agency listings** ..... cULus, CE, ENEC

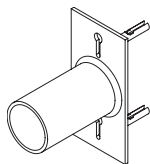
**Files available** ..... LM-79, LM-80, IES

# PML3 Paladin

LED pole mount family  
for area lighting

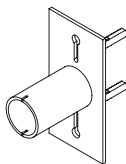
## Specifications

## Accessories



### 76 mm Tenon Kit

Square poles and surface mount.  
601100-SL (Silver)  
601100-WH (White)



### 60 mm Tenon Kit

Square poles  
601102-CC-SL (Silver)  
601102-CC-WH (White)  
Round poles  
601017-CC-SL (Silver)  
601017-CC-WH (White)



### 20 kVA Surge Protector

410186



### Universal Photocell

401762



### Photocell Socket

601053

## Ordering information

Part number

Example: PML3-90M-53-WH-CE

PML3 -  - 5  -  - CE -

#### Power/Size

| Code | Desc.        |
|------|--------------|
| 200L | 200 W, Large |
| 160L | 160 W, Large |
| 120L | 120 W, Large |
| 90M  | 90 W, Medium |
| 60S  | 60 W, Small  |
| 40S  | 40 W, Small  |
| 30S  | 30 W, Small  |

#### Light distribution

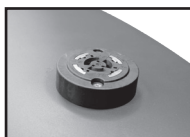
| Code | Desc.    |
|------|----------|
| 5    | Type V   |
| 3    | Type III |

#### Body color

| Code | Desc.  |
|------|--------|
| SL   | Silver |
| WH   | White  |

#### Photocell Socket

| Code    | Desc.               |
|---------|---------------------|
| PS      | Photocell Socket    |
| (Blank) | No Photocell Socket |



### Photocell Socket option<sup>2</sup>

Includes shorting cap

<sup>2</sup> installer must purchase photocell separately, for specific application.

### SloanLED Headquarters

5725 Olivas Park Drive, Ventura, CA, USA  
805.676.3200 • info@SloanLED.com

### SloanLED Europe b.v.

Argonstraat 110, 2718 SN Zoetermeer, NL  
+31 88 12 44 900 • europe@SloanLED.com



SloanLED.com

© 2023 SloanLED Rev B 2023-08-17

Specifications subject to change without notice.



**SloanLED®**  
A Principal Industries Company