

# PRMD2

DECORATIVE & POST TOP

## FEATURES

- Reliable, uniform, glare free illumination
- Types II, III, IV, V and custom distributions
- 3000K, 4000K, 5000K CCT
- 0-10V dimming ready
- Integral surge suppression
- 15 standard powder coat finishes
- Upgrade Kits



## SPECIFICATIONS

### CONSTRUCTION

- All housing components aluminum 360 alloy, sealed with continuous silicone rubber gaskets
- Standard configurations do not require a flat lens, optional lenses is tempered glass
- All internal and external hardware is stainless steel
- Finish: fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) polyester powdercoat
- Optical bezel finish is match the luminaire housing

### LED/OPTICS

- Optical cartridge system consisting of a die cast heat sink, LED engine, TIR optics, gasket and bezel plate.
- Cartridge is easily disassembled to replace components. Optics are held in place without the use of adhesives.
- Molded silicone gasket ensures a weather-proof seal around each individual LED.
- Features revolutionary individual LED optical control based on high performance TIR optical designs.
- House Side Shield is available on Standard and Clear Lens options except any Type 5 distribution. House Side Shield is not available for any distribution using a Diffused Lens.

### INSTALLATION

- Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

### ELECTRICAL

- Luminaires have integral surge protection, UL recognized and have a surge current rating of 10,000 Amps using the industry standard 8/20uSec wave and surge rating of 372J
- Drivers are UL recognized with an inrush current maximum of <20.0 Amps maximum at 230VAC
- Drivers are not be compatible with current sourcing dimmers, consult factory for current list of known compatible dimming systems, approved dimmers include Lutron Diva AVTV, Lutron Nova NFTV and NTFTV
- Driver and surge suppressor are mounted to a prewired tray with quick disconnects that may be removed from the gear compartment.

### CERTIFICATIONS

- ETL listed under UL 1598 and CSA C22.2 No. 250.0-08 for wet locations

### WARRANTY

- See [HLI Standard Warranty](#) for additional information

DATE: \_\_\_\_\_ LOCATION: \_\_\_\_\_  
 TYPE: \_\_\_\_\_ PROJECT: \_\_\_\_\_  
 CATALOG #: \_\_\_\_\_

## PROMENADE



Promenade PRMD2

### RELATED PRODUCTS

[PRMN2](#)

[PRMS2](#)

[PRM22](#)

[PRM32](#)

| KEY DATA                 |                |
|--------------------------|----------------|
| LUMEN RANGE              | 5,800-18,500   |
| WATTAGE RANGE            | 50-159         |
| EFFICACY RANGE (LPW)     | 95-142         |
| INPUT CURRENT RANGE (mA) | 225-700 mA     |
| WEIGHT                   | 34 lbs/15.4 kg |
| EPA                      | 1.19           |

## ORDERING GUIDE

Example: PRMD2-72L-345-5K7-4W-BL-TRA2M-CL-HS-AD5-UNV

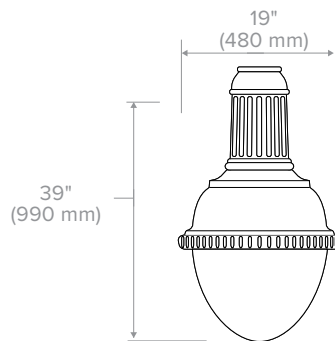
CATALOG #

### HOUSING

| PRMD2        |           | LED Quantity |        | Lumen output |                            | CCT/CRI    |                               | Distribution |               | Finish     |                 |
|--------------|-----------|--------------|--------|--------------|----------------------------|------------|-------------------------------|--------------|---------------|------------|-----------------|
| <b>PRMD2</b> | Promenade | <b>72L</b>   | 72 LED | <b>225</b>   | 225mA, Microcore Crossover | <b>5K7</b> | 5000K, 70 CRI                 | <b>1</b>     | Type I        | <b>AGN</b> | Antique Green   |
|              |           |              |        | <b>335</b>   | 335mA, 8,500 lumens        | <b>4K7</b> | 4000K, 70 CRI                 | <b>2</b>     | Type II       | <b>BL</b>  | Black           |
|              |           |              |        | <b>345</b>   | 345mA, Microcore Crossover | <b>3K7</b> | 3000K, 70 CRI                 | <b>3</b>     | Type III      | <b>BLT</b> | Matte Black     |
|              |           |              |        | <b>500</b>   | 500mA, 12,000 lumens       | <b>AMB</b> | Amber-595nm Peak <sup>1</sup> | <b>4W</b>    | Type IV Wide  | <b>CRT</b> | Corton          |
|              |           |              |        | <b>700</b>   | 700mA, 16,000 Lumens       |            |                               | <b>5Q</b>    | Type V Square | <b>DB</b>  | Dark Bronze     |
|              |           |              |        |              |                            |            |                               | <b>5W</b>    | Type V Wide   | <b>DGN</b> | Dark Green      |
|              |           |              |        |              |                            |            |                               |              |               | <b>GT</b>  | Graphite        |
|              |           |              |        |              |                            |            |                               |              |               | <b>LG</b>  | Light Gray      |
|              |           |              |        |              |                            |            |                               |              |               | <b>MAL</b> | Matte Aluminum  |
|              |           |              |        |              |                            |            |                               |              |               | <b>MDB</b> | Metallic Bronze |
|              |           |              |        |              |                            |            |                               |              |               | <b>MG</b>  | Medium Gray     |
|              |           |              |        |              |                            |            |                               |              |               | <b>TT</b>  | Titanium        |
|              |           |              |        |              |                            |            |                               |              |               | <b>VB</b>  | Verde Blue      |
|              |           |              |        |              |                            |            |                               |              |               | <b>WDB</b> | Weathered Blue  |
|              |           |              |        |              |                            |            |                               |              |               | <b>WH</b>  | White           |
|              |           |              |        |              |                            |            |                               |              |               | <b>CC</b>  | Custom Color    |

| Mounting  | Optional Lens           | Options   | Voltage             |
|---|-------------------------|---|---------------------|
| <b>Pole Mount Arms</b><br>Bolts to a 4"/100mm DIA. or 5"/125mm DIA. pole<br>TRA2M TRA2L<br>TRA5D TRA6D<br>SLA8D SLA22DL<br>SLA3 (4"/100mm DIA. poles only)<br>Slips over a 4"/100mm DIA. pole or tenon<br>TRA4 TRA4-2<br>TRA7 TRA7-2<br>TRA8 TRA8-2<br>TRA9 TRA9-2<br>SLA4 SLA4-2<br>SLA9<br>Slips over a 4"/100mm DIA. pole or tenon<br>SLA7 SLA7-2<br>SLA17 SLA17-2 | <b>DL</b> Diffused Lens | <b>HS</b> House Side Shield<br><b>FTG</b> Flat Glass Lens<br><b>VSR</b> Visor<br><b>SF</b> Single Fuse (120,277)<br><b>DF</b> Double Fuse (208,240) | <b>UNV</b> 120-277V |
| <b>Wall Mount</b><br>WMA2M WMA2L<br>WMA35D WMA36D<br>WMA37 WMA38<br>WMA39 WMA4<br>WMA6 WMA8<br>WMA9D WMA10<br>WMA11 WMA12<br>WMA16 WMA17<br>WMA18 WMA22D  |                         |   |                     |
| <b>Other Mounting</b><br><b>MAT</b> Cast adapter to side mount to a 2 3/8" 61mm DIA. mast arm<br><b>PMS</b> Pendant mount with 48"1220 stem, canopy and swivel<br><b>PMC</b> Pendant mount with 48"1220mm of brass chain in fixture finish  |                         |   |                     |

### DIMENSIONS



Notes:  
1 Wild life friendly

**DELIVERED LUMENS**

The table below shows the delivered lumens for the various lumen outputs and beam distributions. Use this chart in connection with the lumen factor (LF) capability to deliver any output required.

**LUMINAIRE PERFORMANCE – CLEAR LENS**

| LED # | Drive Current | Lumen Package       | Lens       | Distribution | 3000K 70CRI |            |       |       | 4000K 70CRI     |       |            |       | 5000K 70CRI |                 |       |            |       |   |                 |
|-------|---------------|---------------------|------------|--------------|-------------|------------|-------|-------|-----------------|-------|------------|-------|-------------|-----------------|-------|------------|-------|---|-----------------|
|       |               |                     |            |              | Lumen       | Bug Rating |       |       | Efficacy (Lm/W) | Lumen | Bug Rating |       |             | Efficacy (Lm/W) | Lumen | Bug Rating |       |   | Efficacy (Lm/W) |
|       |               |                     |            |              |             |            |       |       |                 |       |            |       |             |                 |       |            |       |   |                 |
| 72    | 225           | Microcore Crossover | Clear Lens | 1            | 6643        | 1          | 3     | 1     | 132.9           | 6861  | 1          | 3     | 1           | 137.2           | 7118  | 1          | 3     | 2 | 142.4           |
|       |               |                     |            | 2            | 6097        | 1          | 3     | 2     | 121.9           | 6298  | 1          | 3     | 2           | 126.0           | 6534  | 1          | 3     | 2 | 130.7           |
|       |               |                     |            | 3            | 6017        | 1          | 3     | 2     | 120.3           | 6215  | 1          | 3     | 2           | 124.3           | 6448  | 1          | 3     | 2 | 129.0           |
|       |               |                     |            | 4W           | 5939        | 1          | 3     | 2     | 118.8           | 6134  | 1          | 3     | 2           | 122.7           | 6364  | 1          | 3     | 3 | 127.3           |
|       |               |                     |            | 1-HS         | 3935        | 0          | 3     | 1     | 78.7            | 4064  | 0          | 3     | 1           | 81.3            | 4216  | 0          | 3     | 1 | 84.3            |
|       |               |                     |            | 2-HS         | 3134        | 0          | 3     | 1     | 62.7            | 3237  | 0          | 3     | 1           | 64.7            | 3358  | 0          | 3     | 1 | 67.2            |
|       |               |                     |            | 3-HS         | 3079        | 0          | 3     | 1     | 61.6            | 3180  | 0          | 3     | 1           | 63.6            | 3299  | 0          | 3     | 1 | 66.0            |
|       |               |                     |            | 4W-HS        | 2816        | 0          | 3     | 1     | 56.3            | 2909  | 0          | 3     | 1           | 58.2            | 3018  | 0          | 3     | 1 | 60.4            |
|       |               |                     |            | 5Q           | 6383        | 2          | 3     | 1     | 127.7           | 6593  | 2          | 3     | 1           | 131.9           | 6840  | 2          | 3     | 1 | 136.8           |
|       | 5W            | 5813                |            | 3            | 3           | 2          | 116.3 | 6004  | 3               | 3     | 2          | 120.1 | 6229        | 3               | 3     | 2          | 124.6 |   |                 |
|       | 1             | 9447                |            | 1            | 3           | 2          | 125.2 | 9758  | 1               | 3     | 2          | 129.3 | 10123       | 1               | 3     | 2          | 133.4 |   |                 |
|       | 2             | 8671                |            | 2            | 3           | 2          | 114.9 | 8957  | 2               | 3     | 2          | 118.7 | 9292        | 2               | 3     | 2          | 122.4 |   |                 |
|       | 3             | 8557                |            | 2            | 3           | 2          | 113.4 | 8839  | 2               | 3     | 2          | 117.1 | 9170        | 2               | 3     | 2          | 121.5 |   |                 |
|       | 4W            | 8445                |            | 1            | 3           | 3          | 111.9 | 8723  | 1               | 3     | 3          | 115.6 | 9050        | 1               | 3     | 3          | 120.2 |   |                 |
|       | 1-HS          | 5595                |            | 1            | 3           | 1          | 74.2  | 5780  | 1               | 3     | 1          | 76.6  | 5996        | 1               | 3     | 1          | 79.4  |   |                 |
|       | 2-HS          | 4457                |            | 1            | 3           | 1          | 59.1  | 4604  | 1               | 3     | 1          | 61.0  | 4776        | 1               | 3     | 1          | 63.2  |   |                 |
|       | 3-HS          | 4379                |            | 1            | 3           | 1          | 58.0  | 4523  | 1               | 3     | 1          | 59.9  | 4692        | 1               | 3     | 1          | 62.1  |   |                 |
|       | 4W-HS         | 4005                |            | 1            | 3           | 1          | 53.1  | 4137  | 1               | 3     | 1          | 54.8  | 4292        | 1               | 3     | 1          | 57.3  |   |                 |
|       | 5Q            | 9077                |            | 3            | 3           | 2          | 120.3 | 9376  | 3               | 3     | 2          | 124.3 | 9727        | 3               | 3     | 2          | 129.2 |   |                 |
|       | 5W            | 8266                |            | 3            | 3           | 2          | 109.5 | 8538  | 3               | 3     | 2          | 113.2 | 8858        | 3               | 3     | 2          | 117.6 |   |                 |
|       | 1             | 9649                |            | 1            | 3           | 2          | 124.0 | 9966  | 1               | 3     | 2          | 128.1 | 10339       | 1               | 3     | 2          | 132.9 |   |                 |
|       | 2             | 8857                |            | 2            | 3           | 2          | 113.8 | 9148  | 2               | 3     | 2          | 117.6 | 9491        | 2               | 3     | 2          | 122.0 |   |                 |
|       | 3             | 8740                |            | 2            | 3           | 2          | 112.3 | 9028  | 2               | 3     | 2          | 116.0 | 9366        | 2               | 3     | 2          | 120.4 |   |                 |
|       | 4W            | 8626                |            | 1            | 3           | 3          | 110.9 | 8910  | 1               | 3     | 3          | 114.5 | 9243        | 1               | 3     | 3          | 118.8 |   |                 |
|       | 1-HS          | 5715                |            | 1            | 3           | 1          | 73.5  | 5903  | 1               | 3     | 1          | 75.9  | 6124        | 1               | 3     | 1          | 78.7  |   |                 |
|       | 2-HS          | 4552                |            | 1            | 3           | 1          | 58.5  | 4702  | 1               | 3     | 1          | 60.4  | 4878        | 1               | 3     | 1          | 62.7  |   |                 |
|       | 3-HS          | 4472                |            | 1            | 3           | 1          | 57.5  | 4619  | 1               | 3     | 1          | 59.4  | 4792        | 1               | 3     | 1          | 61.6  |   |                 |
|       | 4W-HS         | 4091                |            | 1            | 3           | 1          | 52.6  | 4225  | 1               | 3     | 1          | 54.3  | 4384        | 1               | 3     | 1          | 56.3  |   |                 |
|       | 5Q            | 9271                |            | 3            | 3           | 2          | 119.2 | 9576  | 3               | 3     | 2          | 123.1 | 9935        | 3               | 3     | 2          | 127.7 |   |                 |
|       | 5W            | 8443                |            | 3            | 3           | 2          | 108.5 | 8721  | 3               | 3     | 2          | 112.1 | 9047        | 3               | 3     | 2          | 116.3 |   |                 |
|       | 1             | 13320               |            | 2            | 3           | 2          | 115.8 | 13758 | 2               | 3     | 2          | 119.6 | 14273       | 2               | 3     | 2          | 124.1 |   |                 |
|       | 2             | 12227               |            | 2            | 3           | 2          | 106.3 | 12629 | 2               | 3     | 3          | 109.8 | 13102       | 2               | 3     | 3          | 113.9 |   |                 |
|       | 3             | 12066               |            | 2            | 3           | 3          | 104.9 | 12463 | 2               | 3     | 3          | 108.4 | 12930       | 2               | 3     | 3          | 112.4 |   |                 |
|       | 4W            | 11908               |            | 2            | 3           | 3          | 103.5 | 12300 | 2               | 3     | 3          | 107.0 | 12761       | 2               | 3     | 3          | 111.0 |   |                 |
|       | 1-HS          | 7890                |            | 1            | 3           | 2          | 68.6  | 8149  | 1               | 3     | 2          | 70.9  | 8454        | 1               | 3     | 2          | 73.5  |   |                 |
|       | 2-HS          | 6284                |            | 1            | 3           | 1          | 54.6  | 6491  | 1               | 3     | 1          | 56.4  | 6734        | 1               | 3     | 1          | 58.6  |   |                 |
| 3-HS  | 6174          | 1                   | 3          | 2            | 53.7        | 6377       | 1     | 3     | 2               | 55.5  | 6616       | 1     | 3           | 2               | 57.5  |            |       |   |                 |
| 4W-HS | 5647          | 1                   | 3          | 2            | 49.1        | 5833       | 1     | 3     | 2               | 50.7  | 6052       | 1     | 3           | 2               | 52.6  |            |       |   |                 |
| 5Q    | 12799         | 3                   | 3          | 2            | 111.3       | 13220      | 3     | 3     | 2               | 115.0 | 13715      | 3     | 3           | 2               | 119.3 |            |       |   |                 |
| 5W    | 11655         | 4                   | 3          | 3            | 101.4       | 12039      | 4     | 3     | 3               | 104.7 | 12490      | 4     | 3           | 3               | 108.6 |            |       |   |                 |
| 1     | 17334         | 2                   | 3          | 3            | 108.6       | 17904      | 2     | 3     | 3               | 112.2 | 18575      | 2     | 3           | 3               | 116.4 |            |       |   |                 |
| 2     | 15911         | 3                   | 3          | 3            | 99.7        | 16434      | 3     | 3     | 3               | 103.0 | 17050      | 3     | 3           | 3               | 106.8 |            |       |   |                 |
| 3     | 15702         | 2                   | 3          | 3            | 98.4        | 16219      | 2     | 3     | 3               | 101.6 | 16826      | 3     | 3           | 3               | 105.8 |            |       |   |                 |
| 4W    | 15497         | 2                   | 3          | 4            | 97.1        | 16006      | 2     | 3     | 4               | 100.3 | 16606      | 2     | 3           | 4               | 104.0 |            |       |   |                 |
| 1-HS  | 10267         | 1                   | 3          | 2            | 64.3        | 10605      | 1     | 3     | 2               | 66.4  | 11002      | 1     | 3           | 2               | 68.9  |            |       |   |                 |
| 2-HS  | 8178          | 1                   | 3          | 2            | 51.2        | 8447       | 1     | 3     | 2               | 52.9  | 8763       | 1     | 3           | 2               | 54.9  |            |       |   |                 |
| 3-HS  | 8034          | 1                   | 3          | 2            | 50.3        | 8299       | 1     | 3     | 2               | 52.0  | 8609       | 1     | 3           | 2               | 53.9  |            |       |   |                 |
| 4W-HS | 7349          | 1                   | 3          | 2            | 46.0        | 7591       | 1     | 3     | 2               | 47.6  | 7875       | 1     | 3           | 2               | 49.3  |            |       |   |                 |
| 5Q    | 16656         | 3                   | 3          | 2            | 104.4       | 17204      | 4     | 3     | 3               | 107.8 | 17848      | 4     | 3           | 3               | 111.8 |            |       |   |                 |
| 5W    | 15168         | 4                   | 3          | 3            | 95.0        | 15667      | 4     | 3     | 3               | 98.2  | 16254      | 4     | 3           | 3               | 101.8 |            |       |   |                 |

**DELIVERED LUMENS**

**LUMINAIRE PERFORMANCE – FLAT GLASS LENS**

| LED # | Drive Current | Lumen Package       | Lens            | Distribution | 3000K 70CRI |            |       |   | 4000K 70CRI     |       |            |       | 5000K 70CRI |                 |       |            |   |   |                 |
|-------|---------------|---------------------|-----------------|--------------|-------------|------------|-------|---|-----------------|-------|------------|-------|-------------|-----------------|-------|------------|---|---|-----------------|
|       |               |                     |                 |              | Lumen       | Bug Rating |       |   | Efficacy (Lm/W) | Lumen | Bug Rating |       |             | Efficacy (Lm/W) | Lumen | Bug Rating |   |   | Efficacy (Lm/W) |
|       |               |                     |                 |              |             |            |       |   |                 |       |            |       |             |                 |       |            |   |   |                 |
| 72    | 225           | Microcore Crossover | Flat Glass Lens | 1            | 6000        | 1          | 3     | 1 | 120.0           | 6197  | 1          | 3     | 1           | 123.9           | 6429  | 1          | 3 | 1 | 128.6           |
|       |               |                     |                 | 2            | 5507        | 1          | 3     | 1 | 110.1           | 5689  | 1          | 3     | 2           | 113.8           | 5902  | 1          | 3 | 2 | 118.0           |
|       |               |                     |                 | 3            | 5435        | 1          | 3     | 2 | 108.7           | 5614  | 1          | 3     | 2           | 112.3           | 5824  | 1          | 3 | 2 | 116.5           |
|       |               |                     |                 | 4W           | 5364        | 1          | 3     | 2 | 107.3           | 5540  | 1          | 3     | 2           | 110.8           | 5748  | 1          | 3 | 2 | 115.0           |
|       |               |                     |                 | 1-HS         | 3554        | 0          | 3     | 1 | 71.1            | 3671  | 0          | 3     | 1           | 73.4            | 3808  | 0          | 3 | 1 | 76.2            |
|       |               |                     |                 | 2-HS         | 2831        | 0          | 2     | 1 | 56.6            | 2924  | 0          | 3     | 1           | 58.5            | 3033  | 0          | 3 | 1 | 60.7            |
|       |               |                     |                 | 3-HS         | 2781        | 0          | 2     | 1 | 55.6            | 2872  | 0          | 3     | 1           | 57.4            | 2980  | 0          | 3 | 1 | 59.6            |
|       |               |                     |                 | 4W-HS        | 2544        | 0          | 2     | 1 | 50.9            | 2628  | 0          | 2     | 1           | 52.6            | 2726  | 0          | 2 | 1 | 54.5            |
|       |               |                     |                 | 5Q           | 5765        | 2          | 3     | 1 | 115.3           | 5955  | 2          | 3     | 1           | 119.1           | 6178  | 2          | 3 | 1 | 123.6           |
|       |               |                     |                 | 5W           | 5250        | 3          | 3     | 2 | 105.0           | 5423  | 3          | 3     | 2           | 108.5           | 5626  | 3          | 3 | 2 | 112.5           |
|       |               |                     |                 | 1            | 8533        | 1          | 3     | 2 | 113.1           | 8813  | 1          | 3     | 2           | 116.8           | 9144  | 1          | 3 | 2 | 121.2           |
|       |               |                     |                 | 2            | 7832        | 2          | 3     | 2 | 103.8           | 8090  | 2          | 3     | 2           | 107.2           | 8393  | 2          | 3 | 2 | 111.2           |
|       |               |                     |                 | 3            | 7729        | 1          | 2     | 2 | 102.4           | 7984  | 1          | 2     | 2           | 105.8           | 8283  | 1          | 2 | 2 | 109.8           |
|       |               |                     |                 | 4W           | 7628        | 1          | 3     | 3 | 101.1           | 7879  | 1          | 3     | 3           | 104.4           | 8174  | 1          | 3 | 3 | 108.3           |
|       |               |                     |                 | 1-HS         | 5054        | 1          | 3     | 1 | 67.0            | 5220  | 1          | 3     | 1           | 69.2            | 5416  | 1          | 3 | 1 | 71.8            |
|       |               |                     |                 | 2-HS         | 4026        | 0          | 3     | 1 | 53.3            | 4158  | 1          | 3     | 1           | 55.1            | 4314  | 1          | 3 | 1 | 57.2            |
|       |               |                     |                 | 3-HS         | 3955        | 1          | 3     | 1 | 52.4            | 4085  | 1          | 3     | 1           | 54.1            | 4238  | 1          | 3 | 1 | 56.2            |
|       |               |                     |                 | 4W-HS        | 3618        | 1          | 3     | 1 | 47.9            | 3737  | 1          | 3     | 1           | 49.5            | 3877  | 1          | 3 | 1 | 51.4            |
|       | 5Q            | 8199                | 3               | 3            | 2           | 108.7      | 8469  | 3 | 3               | 2     | 112.2      | 8786  | 3           | 3               | 2     | 116.4      |   |   |                 |
|       | 5W            | 7466                | 3               | 3            | 2           | 98.9       | 7712  | 3 | 3               | 2     | 102.2      | 8001  | 3           | 3               | 2     | 106.0      |   |   |                 |
|       | 1             | 8715                | 1               | 3            | 2           | 112.0      | 9002  | 1 | 3               | 2     | 115.7      | 9339  | 1           | 3               | 2     | 120.0      |   |   |                 |
|       | 2             | 8000                | 2               | 3            | 2           | 102.8      | 8263  | 2 | 3               | 2     | 106.2      | 8572  | 2           | 3               | 2     | 110.2      |   |   |                 |
|       | 3             | 7895                | 1               | 3            | 2           | 101.5      | 8154  | 1 | 3               | 2     | 104.8      | 8460  | 2           | 3               | 2     | 108.7      |   |   |                 |
|       | 4W            | 7791                | 1               | 3            | 3           | 100.1      | 8048  | 1 | 3               | 3     | 103.4      | 8349  | 1           | 3               | 3     | 107.3      |   |   |                 |
|       | 1-HS          | 5162                | 1               | 3            | 1           | 66.4       | 5332  | 1 | 3               | 1     | 68.5       | 5532  | 1           | 3               | 1     | 71.1       |   |   |                 |
|       | 2-HS          | 4112                | 1               | 3            | 1           | 52.9       | 4247  | 1 | 3               | 1     | 54.6       | 4406  | 1           | 3               | 1     | 56.6       |   |   |                 |
|       | 3-HS          | 4039                | 1               | 3            | 1           | 51.9       | 4172  | 1 | 3               | 1     | 53.6       | 4329  | 1           | 3               | 1     | 55.6       |   |   |                 |
|       | 4W-HS         | 3695                | 1               | 3            | 1           | 47.5       | 3817  | 1 | 3               | 1     | 49.1       | 3960  | 1           | 3               | 1     | 50.9       |   |   |                 |
|       | 5Q            | 8374                | 3               | 3            | 2           | 107.6      | 8650  | 3 | 3               | 2     | 111.2      | 8974  | 3           | 3               | 2     | 115.3      |   |   |                 |
|       | 5W            | 7626                | 3               | 3            | 2           | 98.0       | 7877  | 3 | 3               | 2     | 101.2      | 8172  | 3           | 3               | 2     | 105.0      |   |   |                 |
|       | 1             | 12031               | 1               | 3            | 2           | 104.6      | 12427 | 1 | 3               | 2     | 108.1      | 12892 | 1           | 3               | 2     | 112.1      |   |   |                 |
|       | 2             | 11044               | 2               | 3            | 2           | 96.0       | 11407 | 2 | 3               | 2     | 99.2       | 11834 | 2           | 3               | 2     | 102.9      |   |   |                 |
|       | 3             | 10899               | 2               | 2            | 2           | 94.8       | 11257 | 2 | 2               | 2     | 97.9       | 11679 | 2           | 2               | 2     | 101.6      |   |   |                 |
|       | 4W            | 10756               | 2               | 3            | 3           | 93.5       | 11110 | 2 | 3               | 3     | 96.6       | 11526 | 2           | 3               | 3     | 100.2      |   |   |                 |
|       | 1-HS          | 7126                | 1               | 3            | 1           | 62.0       | 7361  | 1 | 3               | 1     | 64.0       | 7636  | 1           | 3               | 1     | 66.4       |   |   |                 |
|       | 2-HS          | 5676                | 1               | 3            | 1           | 49.4       | 5863  | 1 | 3               | 1     | 51.0       | 6083  | 1           | 3               | 1     | 52.9       |   |   |                 |
|       | 3-HS          | 5576                | 1               | 3            | 1           | 48.5       | 5760  | 1 | 3               | 1     | 50.1       | 5976  | 1           | 3               | 2     | 52.0       |   |   |                 |
|       | 4W-HS         | 5101                | 1               | 3            | 1           | 44.4       | 5269  | 1 | 3               | 2     | 45.8       | 5466  | 1           | 3               | 2     | 47.5       |   |   |                 |
|       | 5Q            | 11561               | 3               | 3            | 2           | 100.5      | 11941 | 3 | 3               | 2     | 103.8      | 12388 | 3           | 3               | 2     | 107.7      |   |   |                 |
|       | 5W            | 10528               | 3               | 3            | 2           | 91.5       | 10874 | 3 | 3               | 2     | 94.6       | 11281 | 4           | 3               | 3     | 98.1       |   |   |                 |
|       | 1             | 15657               | 2               | 3            | 2           | 98.1       | 16172 | 2 | 3               | 3     | 101.3      | 16777 | 2           | 3               | 3     | 105.1      |   |   |                 |
|       | 2             | 14371               | 2               | 3            | 3           | 90.0       | 14844 | 2 | 3               | 3     | 93.0       | 15400 | 3           | 3               | 3     | 96.5       |   |   |                 |
| 3     | 14183         | 2                   | 3               | 2            | 88.9        | 14649      | 2     | 3 | 2               | 91.8  | 15198      | 2     | 3           | 2               | 95.0  |            |   |   |                 |
| 4W    | 13997         | 2                   | 3               | 4            | 87.7        | 14458      | 2     | 3 | 4               | 90.6  | 14999      | 2     | 3           | 4               | 94.0  |            |   |   |                 |
| 1-HS  | 9274          | 1                   | 3               | 2            | 58.1        | 9579       | 1     | 3 | 2               | 60.0  | 9938       | 1     | 3           | 2               | 62.3  |            |   |   |                 |
| 2-HS  | 7387          | 1                   | 3               | 2            | 46.3        | 7630       | 1     | 3 | 2               | 47.8  | 7916       | 1     | 3           | 2               | 49.6  |            |   |   |                 |
| 3-HS  | 7257          | 1                   | 3               | 2            | 45.5        | 7496       | 1     | 3 | 2               | 47.0  | 7776       | 1     | 3           | 2               | 48.7  |            |   |   |                 |
| 4W-HS | 6638          | 1                   | 3               | 2            | 41.6        | 6857       | 1     | 3 | 2               | 43.0  | 7113       | 1     | 3           | 2               | 44.6  |            |   |   |                 |
| 5Q    | 15044         | 3                   | 3               | 2            | 94.3        | 15539      | 3     | 3 | 2               | 97.4  | 16121      | 3     | 3           | 2               | 101.0 |            |   |   |                 |
| 5W    | 13700         | 4                   | 3               | 3            | 85.8        | 14151      | 4     | 3 | 3               | 88.7  | 14681      | 4     | 3           | 3               | 92.0  |            |   |   |                 |

# PRMD2

DECORATIVE & POST TOP

## DELIVERED LUMENS

### LUMINAIRE PERFORMANCE – DIFFUSED DROP LENS

| LED # | Drive Current | Lumen Package       | Lens               | Distribution | 3000K 70CRI |            |   |   | 4000K 70CRI     |       |            |   | 5000K 70CRI |                 |       |            |   |   |                 |
|-------|---------------|---------------------|--------------------|--------------|-------------|------------|---|---|-----------------|-------|------------|---|-------------|-----------------|-------|------------|---|---|-----------------|
|       |               |                     |                    |              | Lumen       | Bug Rating |   |   | Efficacy (Lm/W) | Lumen | Bug Rating |   |             | Efficacy (Lm/W) | Lumen | Bug Rating |   |   | Efficacy (Lm/W) |
|       |               |                     |                    |              |             |            |   |   |                 |       |            |   |             |                 |       |            |   |   |                 |
| 72    | 225           | Microcore Crossover | Diffused Drop Lens | 3            | 5186        | 1          | 3 | 3 | 103.7           | 5357  | 1          | 3 | 3           | 107.1           | 5558  | 1          | 3 | 3 | 111.2           |
|       |               |                     |                    | 5W           | 5010        | 2          | 3 | 2 | 100.2           | 5175  | 2          | 3 | 2           | 103.5           | 5368  | 2          | 3 | 3 | 107.4           |
|       | 335           | 8,500               |                    | 3            | 7376        | 2          | 3 | 3 | 97.7            | 7618  | 2          | 3 | 3           | 100.9           | 7904  | 2          | 3 | 3 | 104.7           |
|       |               |                     |                    | 5W           | 7125        | 3          | 3 | 3 | 94.4            | 7359  | 3          | 3 | 3           | 97.5            | 7635  | 3          | 3 | 3 | 101.1           |
|       | 345           | Microcore Crossover |                    | 3            | 7533        | 2          | 3 | 3 | 96.8            | 7781  | 2          | 3 | 3           | 100.0           | 8073  | 2          | 3 | 3 | 103.8           |
|       |               |                     |                    | 5W           | 7277        | 3          | 3 | 3 | 93.5            | 7516  | 3          | 3 | 3           | 96.6            | 7798  | 3          | 3 | 3 | 100.2           |
|       | 500           | 12,000              |                    | 3            | 10400       | 2          | 4 | 4 | 90.4            | 10742 | 2          | 4 | 4           | 93.4            | 11144 | 2          | 4 | 4 | 96.9            |
|       |               |                     |                    | 5W           | 10046       | 3          | 3 | 3 | 87.4            | 10376 | 3          | 4 | 3           | 90.2            | 10765 | 3          | 4 | 3 | 93.6            |
|       | 700           | 16,000              |                    | 3            | 13637       | 3          | 4 | 5 | 85.4            | 14085 | 3          | 4 | 5           | 88.2            | 14613 | 3          | 4 | 5 | 91.5            |
|       |               |                     |                    | 5W           | 12973       | 3          | 4 | 4 | 81.3            | 13400 | 3          | 4 | 4           | 83.9            | 13902 | 3          | 4 | 4 | 87.1            |

## PHOTOMETRY

### PRMD2-72L-700-4K7-1

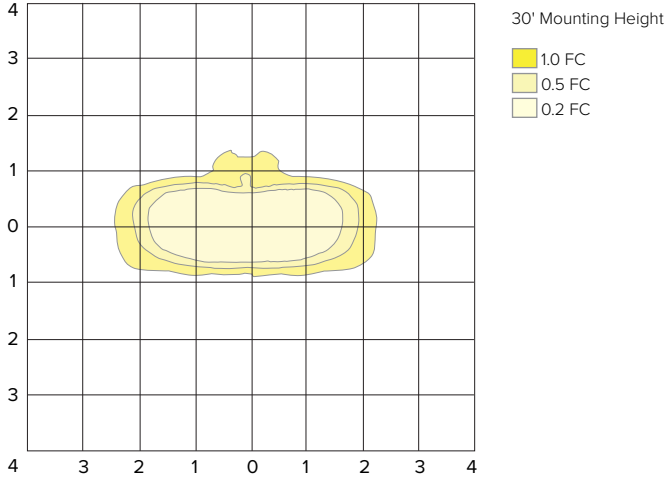
#### LUMINAIRE DATA

|                  |                           |
|------------------|---------------------------|
| Description      | <b>4000 Kelvin, 70CRI</b> |
| Delivered Lumens | <b>17904</b>              |
| Watts            | <b>159.6</b>              |
| Efficacy         | <b>112.2</b>              |
| IES Type         | <b>I</b>                  |
| BUG Rating       | <b>B2-U3-G3</b>           |
| Mounting Height  | <b>30 ft</b>              |
| Grid Scale       | <b>30 ft</b>              |

#### ZONAL LUMEN SUMMARY

| Zone                 | Lumens | % Luminaire |
|----------------------|--------|-------------|
| Downward Street Side | 14466  | 81%         |
| Downward House Side  | 2829   | 16%         |
| Downward Total       | 17295  | 97%         |
| Upward Street Side   | 180    | 1%          |
| Upward House Side    | 429    | 2%          |
| Upward Total         | 609    | 3%          |
| Total Flux           | 17904  | 100%        |

#### ISOFOOT CANDLE PLOT



### PRMD2-72L-700-4K7-3

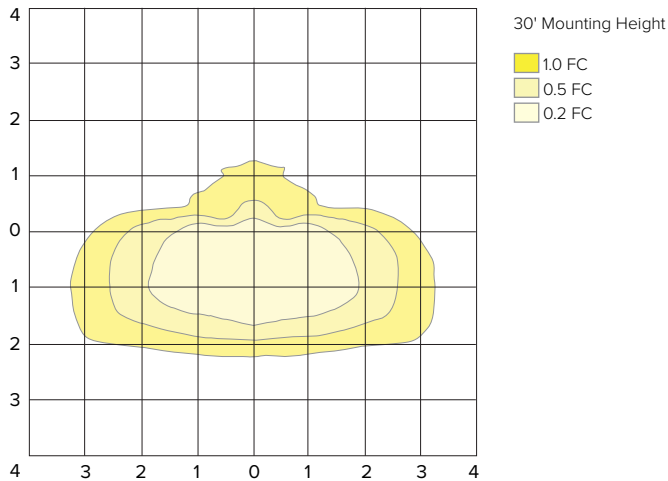
#### LUMINAIRE DATA

|                  |                           |
|------------------|---------------------------|
| Description      | <b>4000 Kelvin, 70CRI</b> |
| Delivered Lumens | <b>16219</b>              |
| Watts            | <b>159.6</b>              |
| Efficacy         | <b>101.6</b>              |
| IES Type         | <b>III</b>                |
| BUG Rating       | <b>B2-U3-G3</b>           |
| Mounting Height  | <b>30 ft</b>              |
| Grid Scale       | <b>30 ft</b>              |

#### ZONAL LUMEN SUMMARY

| Zone                 | Lumens | % Luminaire |
|----------------------|--------|-------------|
| Downward Street Side | 12576  | 77%         |
| Downward House Side  | 3313   | 20%         |
| Downward Total       | 15889  | 97%         |
| Upward Street Side   | 180    | 1%          |
| Upward House Side    | 365    | 2%          |
| Upward Total         | 545    | 3%          |
| Total Flux           | 16434  | 100%        |

#### ISOFOOT CANDLE PLOT



### PRMD2-72L-700-4K7-5Q

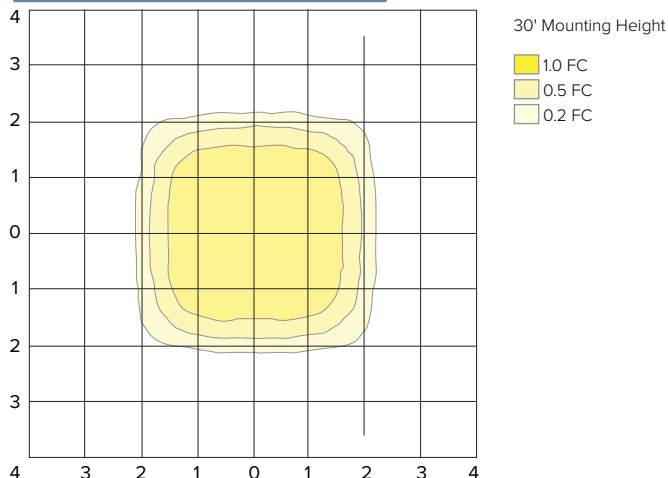
#### LUMINAIRE DATA

|                  |                           |
|------------------|---------------------------|
| Description      | <b>4000 Kelvin, 70CRI</b> |
| Delivered Lumens | <b>17204</b>              |
| Watts            | <b>159.6</b>              |
| Efficacy         | <b>107.8</b>              |
| IES Type         | <b>VS</b>                 |
| BUG Rating       | <b>B4-U3-G3</b>           |
| Mounting Height  | <b>30 ft</b>              |
| Grid Scale       | <b>30 ft</b>              |

#### ZONAL LUMEN SUMMARY

| Zone                 | Lumens | % Luminaire |
|----------------------|--------|-------------|
| Downward Street Side | 12769  | 79%         |
| Downward House Side  | 2912   | 18%         |
| Downward Total       | 15681  | 97%         |
| Upward Street Side   | 161    | 1%          |
| Upward House Side    | 377    | 2%          |
| Upward Total         | 538    | 3%          |
| Total Flux           | 16219  | 100%        |

#### ISOFOOT CANDLE PLOT



## PHOTOMETRY

### PRMD2-72L-700-4K7-2

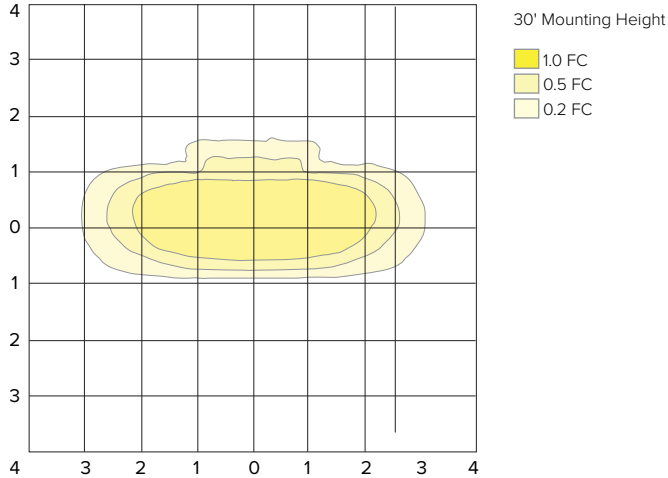
#### LUMINAIRE DATA

|                  |                    |
|------------------|--------------------|
| Description      | 4000 Kelvin, 70CRI |
| Delivered Lumens | 15979              |
| Watts            | 159.1              |
| Efficacy         | 100.4              |
| IES Type         | II                 |
| BUG Rating       | B3-U4-G3           |
| Mounting Height  | 30 ft              |
| Grid Scale       | 30 ft              |

#### ZONAL LUMEN SUMMARY

| Zone                 | Lumens | % Luminaire |
|----------------------|--------|-------------|
| Downward Street Side | 13182  | 82%         |
| Downward House Side  | 2292   | 14%         |
| Downward Total       | 15474  | 97%         |
| Upward Street Side   | 141    | 1%          |
| Upward House Side    | 391    | 2%          |
| Upward Total         | 532    | 3%          |
| Total Flux           | 16006  | 100%        |

#### ISOFOOT CANDLE PLOT



### PRMD2-72L-700-4K7-4

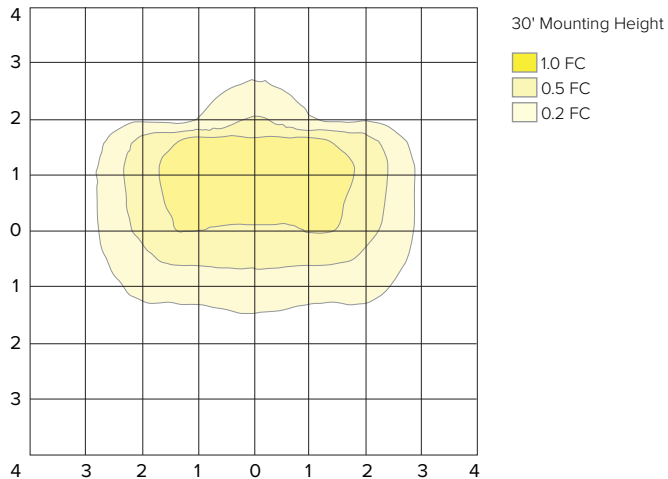
#### LUMINAIRE DATA

|                  |                    |
|------------------|--------------------|
| Description      | 4000 Kelvin, 70CRI |
| Delivered Lumens | 15625              |
| Watts            | 159.1              |
| Efficacy         | 98.2               |
| IES Type         | IV                 |
| BUG Rating       | B3-U3-G3           |
| Mounting Height  | 30 ft              |
| Grid Scale       | 30 ft              |

#### ZONAL LUMEN SUMMARY

| Zone                 | Lumens | % Luminaire |
|----------------------|--------|-------------|
| Downward Street Side | 8309   | 48.3%       |
| Downward House Side  | 8309   | 48.3%       |
| Downward Total       | 16618  | 96.6%       |
| Upward Street Side   | 293    | 1.7%        |
| Upward House Side    | 293    | 1.7%        |
| Upward Total         | 586    | 3.4%        |
| Total Flux           | 17204  | 100%        |

#### ISOFOOT CANDLE PLOT



### PRMD2-72L-700-4K7-5W

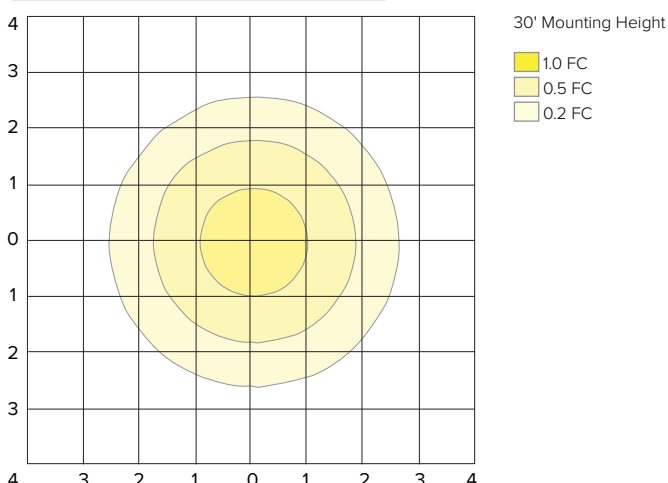
#### LUMINAIRE DATA

|                  |                    |
|------------------|--------------------|
| Description      | 4000 Kelvin, 70CRI |
| Delivered Lumens | 15365              |
| Watts            | 159.1              |
| Efficacy         | 97                 |
| IES Type         | VS                 |
| BUG Rating       | B4-U3-G2           |
| Mounting Height  | 30 ft              |
| Grid Scale       | 30 ft              |

#### ZONAL LUMEN SUMMARY

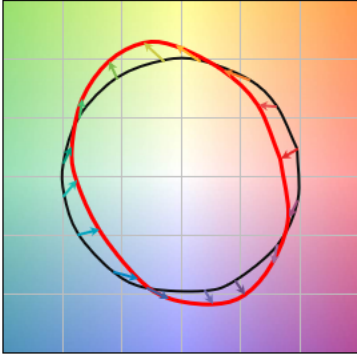
| Zone                 | Lumens | % Luminaire |
|----------------------|--------|-------------|
| Downward Street Side | 7573   | 48.3%       |
| Downward House Side  | 7573   | 48.3%       |
| Downward Total       | 15146  | 96.7%       |
| Upward Street Side   | 260    | 1.7%        |
| Upward House Side    | 260    | 1.7%        |
| Upward Total         | 520    | 3.3%        |
| Total Flux           | 15667  | 100%        |

#### ISOFOOT CANDLE PLOT



**TM-30 DATA**

**COLOR VECTOR GRAPHIC**



— Reference Illuminant — Test Source

**TEST SOURCE**

| MBM TEST RESULTS |        |
|------------------|--------|
| CCT (K)          | 3947   |
| CIE Ra           | 72     |
| Duv              | 0.0004 |
| x                | 0.3831 |
| y                | 0.3793 |
| Rf               | 68     |
| Rg               | 99     |

**ELECTRICAL DATA**

| Light Engine | System Watts | System Current | Electrical   |       |         |      |      |      |                             | Min. Power Factor | Max THD (%) | Dimming Range | Dimming                             |     |     |  |
|--------------|--------------|----------------|--------------|-------|---------|------|------|------|-----------------------------|-------------------|-------------|---------------|-------------------------------------|-----|-----|--|
|              |              |                | Line Voltage |       | Amps AC |      |      |      | Source current out of 0-10V |                   |             |               | Absolute voltage range on 0-10V (+) |     |     |  |
|              |              |                | VAC          | HZ    | 120     | 208  | 240  | 277  | Min                         |                   |             |               | Max                                 | Min | Max |  |
| 72L          | 50.0         | 225 mA         | 120-277      | 50/60 | 0.42    | 0.24 | 0.21 | 0.18 | >0.9                        | 20                | 10% to 100% | 0mA           | 1mA                                 | 0V  | 10V |  |
|              | 75.5         | 335 mA         |              |       | 0.63    | 0.36 | 0.31 | 0.27 |                             |                   |             |               |                                     |     |     |  |
|              | 77.8         | 345 mA         |              |       | 0.65    | 0.37 | 0.32 | 0.28 |                             |                   |             |               |                                     |     |     |  |
|              | 115.0        | 500 mA         |              |       | 0.96    | 0.55 | 0.48 | 0.42 |                             |                   |             |               |                                     |     |     |  |
|              | 159.6        | 700 mA         |              |       | 1.33    | 0.77 | 0.67 | 0.58 |                             |                   |             |               |                                     |     |     |  |

| AMBER MULTIPLIER |            |
|------------------|------------|
| CCT              | MULTIPLIER |
| 5000K            | 1          |
| AM               | 0.1727     |

| 2700K MULTIPLIER |            |
|------------------|------------|
| CCT              | MULTIPLIER |
| 5000K            | 1          |
| 2700K            | 0.897      |

| LENS OPTION MULTIPLIER |               |
|------------------------|---------------|
| CLEAR LENS             | DIFFUSED LENS |
| 0.9032                 | 0.8619        |