# Promenade™ Series LED – PRMD

## 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
- LifeShield™ thermal protection
- 13 standard powder coat finishes
- Upgrade Kits

## SPECIFICATIONS
- Diameter: 19”/480mm
- Height: 36”/915mm
- Weight: 38 lbs
- EPA: 2.75

## ORDERING INFORMATION

<table>
<thead>
<tr>
<th>MODEL</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
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<tbody>
<tr>
<td>PRMD</td>
<td>Distribution</td>
<td>CCT</td>
<td>Drive Current</td>
<td>Color</td>
<td>Options</td>
<td>Controls</td>
<td>Mounting</td>
</tr>
</tbody>
</table>

1. DISTRIBUTION
- **MicroCore** Precision aimed optics
  - T2-48LED
  - T3-48LED
  - T4-48LED
  - T5-48LED
  - TL-48LED
  - TR-48LED

2. COLOR TEMPERATURE
- 3K
- 4K
- 5K

3. DRIVE CURRENT
- 700
- 450

4. COLOR
- AWT
- BLK
- CRT
- MAL
- MBT
- MDG
- DGN
- ATG
- DBZ
- LGY
- WRZ
- RAL/PREMIUM COLOR
- BRM
- CUSTOM COLOR
- VBL

5. OPTIONS
- HSS (House side shield, not for use with T5)
- VSR (30”/762mm diameter visor)
- LDL (Lightly diffused drop lens)
- FTG (Flat glass lens in place of standard acrylic drop lens, not for use with HSS)
- NL (No standard acrylic drop lens, optical bezel finish to match housing)

6. CONTROLS
- PCA-C (photocell adapter, requires mounting that slips over a 4”/100mm DIA. pole)
- EPA-C (Egress adapter, requires mounting that slips over a 4”/100mm DIA. pole)

7. MOUNTING (Choose one)
- POLE MOUNT
  - Bolts to a 4”/100mm DIA. or 5”/125mm DIA. pole
  - TRA2M
  - TRA2L
  - TRA5D
  - TRA6D
  - SLA8D
  - SLA22D
  - SLA23D
  - SLA9D
  - SLA9-2D
  - SLA10D
  - SLA10-2D
  - SLA16D
  - SLA16-2D
  - SLA18D
  - SLA18-2D

- WALL MOUNT
  - WMA2M
  - WMA2L
  - WMA3D
  - WMA35D
  - WMA37
  - WMA38D
  - WMA39
  - WMA4
  - WMA9D
  - WMA9
  - WMA12
  - WMA18
  - WMA22D

- OTHER MOUNTING
  - MAT (Cast adapter to side mount to a 2 3/8” 61mm DIA. mast arm)
  - PMS (Pendant mount with 48”1220 stem, canopy and swivel)
  - PMC (Pendant mount with 48”1220mm of brass chain)

### NOTES
<table>
<thead>
<tr>
<th>Optical System</th>
<th>Secondary Lens or Shield</th>
<th>Distribution</th>
<th>Light Engine</th>
<th>3K Delivered Lumens</th>
<th>Efficacy (lm/w)</th>
<th>Bug Rating</th>
<th>4K Delivered Lumens</th>
<th>Efficacy (lm/w)</th>
<th>Bug Rating</th>
<th>5K Delivered Lumens</th>
<th>Efficacy (lm/w)</th>
<th>Bug Rating</th>
<th>Drive Current (mA)</th>
<th>System Watts</th>
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<tbody>
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<td>43</td>
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**NOTES**

- **Promenade™ Series LED– PRMD**
- **ARCHITECTURAL AREA LIGHTING**
- **16555 East Gale Ave. | City of Industry | CA 91745**
- **P 626.968.5666 | F 626.369.2695 | www.aal.net**
- **Copyright © 2014 Rev 2.15**

**LUMINAIRE PERFORMANCE**

**MicroCore**

- **LED– PRMD**
- **Light Engine**
- **Delivered Lumens**
- **Efficacy (lm/w)**
- **Bug Rating**
- **Drive Current (mA)**
- **System Watts**
## ELECTRICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Optical System</th>
<th>Ordering Code</th>
<th>LED Drive mA</th>
<th>System Watts</th>
<th>Line Voltage</th>
<th>Amps AC</th>
<th>Min. Power Factor</th>
<th>Max THD (%)</th>
<th>Operating Temp. Range</th>
<th>Dimming Range</th>
<th>Source current out of 0-10V purple wire</th>
<th>Absolute voltage range on 0-10V (+) purple wire</th>
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<tbody>
<tr>
<td>MicroCore</td>
<td>48LED</td>
<td>700</td>
<td>700</td>
<td>120-277</td>
<td>0.93</td>
<td>0.4</td>
<td>0.9</td>
<td>≥30°C TO +40°C</td>
<td>10% to 100%</td>
<td>0 MA</td>
<td>- 8 mA</td>
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<table>
<thead>
<tr>
<th>LED COLOR</th>
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<tbody>
<tr>
<td>Order Code</td>
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<tr>
<td>CCT Average</td>
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<tr>
<td>CRI Minimum</td>
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<td>S/P Ratio</td>
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## TM-21 LIFETIME CALCULATION

<table>
<thead>
<tr>
<th>Optical System</th>
<th>Ordering Code</th>
<th>Ambient Environment °C</th>
<th>Projected Lumen Maintenance (% vs. Khrs)</th>
<th>Reported L70</th>
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<tbody>
<tr>
<td>MicroCore</td>
<td>48LED</td>
<td>15</td>
<td>98 98 97 97 95</td>
<td>&gt;60K yrs</td>
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<td></td>
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<td>25</td>
<td>98 98 97 96 94</td>
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<td></td>
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<td>40</td>
<td>98 97 95 94</td>
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</table>
SPECIFICATIONS

HOUSING
- Luminaire housing and lens frame shall be cast aluminum, A356 alloy and sealed with continuous extruded silicone rubber gaskets.
- Outer globe lens shall be one piece clear, injection molded optical grade DR acrylic and sealed to the lens frame with a continuous extruded silicone rubber gasket. Concealed tool less latch mechanisms shall be stainless steel.
- All internal and external hardware shall be stainless steel or aluminum.
- Optical bezel shall be painted white.

OPTICAL
- Patent pending MicroCore™ LED modules shall independently aim each light emitting diode (LED) in both horizontal rotation and vertical tilt angle.
- LEDs shall be mounted to a metal printed circuit board assembly (PCBA) with a uniform conformal coating over the panel surface and electrical features.
- LED optics shall be clear injection molded PMMA acrylic.
- MicroCore™ PCBA and optic shall be sealed to a die-cast anodized aluminum heat sink with an injection molded silicone rubber gasket. IP66.
- Type 4 distribution with optional House Side Shield not available with clear or diffused glass lenses. Factory installed House Side Shield is optimized for Type 4 distribution and not recommended for use with Type 2 or 3 distribution and not available with type 5 distribution.

ELECTRICAL
- Luminaires shall have integral surge protection that shall be U.L. recognized and have a surge current rating of 10,000 Amps using the industry standard 8/20uSec wave and surge rating of 372J.
- Drivers shall be U.L recognized with an inrush current maximum of <20.0 Amps maximum at 230VAC.
- Drivers shall 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.
- LifeShield™ shall be provided with all configurations for added protection in the event of abnormally excessive high ambient temperature conditions.

CONTROLS
- SCP shall have an integral surge protection device with a current limit rating of 10,000 Amps using the industry standard 8/20uSec wave and sure rating of 372J.
- Sensor not intended for use with additional photo-control, wireless control or dimming systems.

PHOTOCELL / EGRESS ADAPTERS
- Adapter(s) shall slip over a 4’/100mm DIA. pole with the luminaire or arm slipping over the adapter to add a total of 4.5’/114mm to the overall height. Adapter(s) shall be prewired, independently rotatable 359°, and have a cast access cover with an integral lens and lanyard.
- Photocell adapter shall include an internal twist lock receptacle. Photocell by others.
- Egress adapter shall require an auxiliary 120 volt supply for operation of an integral MR16 lamp in the event of emergency. The lamp may be aimed and locked into position with an adjustment range of 15°-45°. Adapter shall have a socket that accepts miniature bi-pin MR16 lamps up to 50 watts, lamp by others.

SERVICING
- Electrical assembly shall be mounted to a prewired internal service tray and accessed by releasing two concealed tool less latches.

ARM AND POLE MOUNTING
- Standard post top configurations shall slip over a 4’/100mm O.D. pole and be secured to the pole with three stainless steel set screws.
- Arm or wall mount configurations shall have the bracket welded to luminaire. Visit www.aal.net for Arm, Poles & Accessories Specification Guide.

FINISH
- Luminaire finish shall consist of a five stage pretreatment regimen with a polymer primer sealer, oven dry off, and top coated with a thermoset super TGIC polyester powder coat finish.
- Luminaire finish shall meet the AAMA 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance.

CERTIFICATION
- Luminaire shall be listed with ETL for outdoor, wet location use, UL1598, UL 8750 and Canadian CSA Std. C22.2 no.250.