**Providence® MicroCore™ – Medium Housing PROV**

**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
- 14 standard powder coat finishes

**SPECIFICATIONS**
- Diameter: 18.7" / 475 mm
- Height: 31.5" / 800 mm
- Weight: 29 lbs
- EPA: 0.96
- IP Rating: 65

**FEATURES**
- 3000K and warmer CCTs only

**ORDERING INFORMATION**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
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1. **LIGHT ENGINE**
- T2 Type II
- T3 Type III
- T4 Type IV
- T5 Type V

2. **COLOR TEMPERATURE**
- 32LED-3K 3000K CCT, 70CRI
- 32LED-4K 4000K CCT, 70CRI
- 32LED-5K 5000K CCT, 70CRI

3. **DRIVE CURRENT**
- 700 700mA, 75 watts
- 450 450mA, 48 watts

4. **FINISH (CONT)**

<table>
<thead>
<tr>
<th>Standard Color</th>
<th>AGN</th>
<th>BL</th>
<th>BLT</th>
<th>CRT</th>
<th>DB</th>
<th>DGN</th>
<th>LG</th>
<th>MAL</th>
<th>MDB</th>
<th>MG</th>
<th>TT</th>
<th>VBU</th>
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<th>WH</th>
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<tbody>
<tr>
<td></td>
<td>Antique Green</td>
<td>Black</td>
<td>Matte Black</td>
<td>Corten</td>
<td>Dark Bronze</td>
<td>Dark Green</td>
<td>Light Gray</td>
<td>Matte Aluminum</td>
<td>Bronze Metallic</td>
<td>Medium Grey</td>
<td>Titanium</td>
<td>Verde Blue</td>
<td>Weathered Bronze</td>
<td>Arctic White</td>
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</table>

4. **OPTIONS**
- Fuse may choose one
  - SP 120 or 277 Line Volts
  - DF 208 or 240 Line Volts

5. **OPTIONS**
- SPK Decorative spike
- BPS Struts painted brass
- PPN Finial painted brass

6. **OPTIONS**
- LDL Lightly diffused lens
- CLR Clear flat lens
- HSS House Side shield for Type 4

7. **MOUNTING**

**Wall Mount Arm**
- WMA7
- WMA57
- WMA35U
- WMA55
- WMA9U
- WMA36U
- WMA56
- WMA22U

**Pole Mount Arm**
- TRA5U-4
- TRA5U-5
- TRA6U-4
- TRA6U-5
- TRA55-4
- TRA55-5
- TRA57-4
- TRA57-5
- TRA56
- SLA1
- SLA1-2
- SLA8U-4
- SLA8U-5
- SLA22U-4
- SLA22U-5

**Pier Mount**
- PM1
- PM2
- PM3

**Option**
- AD5

**NOTE:**
1. Pole accessory with motion sensor and daylight photocell for California Title 24 section 130.2 compliance. For complete spec sheet and ordering information, visit www.aal.net/products/sensor_control_programmable/
2. Handheld commissioning tool is required to separately configure or adjust any number of SCP sensors
3. Not compatible with PCA-C nor PCA-T
4. Consult factory
LUMINAIRE PERFORMANCE

<table>
<thead>
<tr>
<th>System Watts</th>
<th>Secondary Lens or Shield</th>
<th>Distribution</th>
<th>Configuration</th>
<th>Ordering Code</th>
<th>32LED-5K-700</th>
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ELECTRICAL CHARACTERISTICS

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<th>Ordering Code</th>
<th>Line Input</th>
<th>MODEL</th>
<th>LUMEN PACKAGE</th>
<th>VAC</th>
<th>Hz</th>
<th>Amps AC</th>
<th>LED Drive (mA)</th>
<th>System Watts (w)</th>
<th>Min. Power Factor</th>
<th>MAX THD (%)</th>
<th>Driver Operating Temp. Range (°C)</th>
<th>Inrush Current</th>
<th>Dimming Range (V)</th>
<th>Source / Sink Current (mA)</th>
<th>Dimming</th>
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ISOLINE TEMPLATES 14' Mounting Height

- PROVIDENCE® MicroCore™ – Medium Housing PROV

TYPE

NOTES

ARCHITECTURAL AREA LIGHTING
17760 Rowland Street | City of Industry | CA 91748
P 626.968.5666 | F 626.369.2695 | www.aal.net
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TM-21 LIFETIME CALCULATION

<table>
<thead>
<tr>
<th>Ambient Environment °C</th>
<th>Projected Lumen Maintenance (% vs. Khrs)</th>
<th>Reported L70</th>
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<tr>
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<td>15</td>
<td>25</td>
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<td>40</td>
<td>93</td>
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Note: Fixture does not dim to off, fixture dims to 10% minimum

COLOR CHARACTERISTICS

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<thead>
<tr>
<th>Value</th>
<th>Ordering Code</th>
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<td>Rf</td>
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<td>Rg</td>
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<td>CCT(K)</td>
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<td>CIE Ra</td>
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Note: TM-30 reported at the discrete LED level, not fixture level.

SPECTRAL POWER DISTRIBUTION COMPARISON

COLOR VECTOR GRAPHIC
SPECIFICATIONS

HOUSING
- Luminaire shall have discrete optical and gear compartments that do not share any physical housings.
- All housing components shall be die-cast aluminum, sealed with continuous silicone rubber gaskets.
- Standard configurations do not require a flat lens, optional lenses shall be tempered glass.
- All internal and external hardware shall be stainless steel.
- Optical bezel finish shall match the luminaire housing.

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
- Luminaire 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 NFHV.
- 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 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
- Luminaire shall have tool-less service access to the gear compartment. Driver and surge suppressor shall be mounted to a prewired tray with quick disconnects that may be removed from the gear compartment.

ARM MOUNTING
- Luminaire shall slip over mounting arm and secured with three stainless steel 5/16-18 set screws.

FINISH
- Luminaire finish shall consist of a five stage pretreatment regimen with a polymer primer sealer, oven dry off, and top coated with a thermostet 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.

WARRANTY / TERMS AND CONDITIONS OF SALE
Download: http://www.hubbelllighting.com/resources/warranty/
WALL MOUNT

WMA7  WT: 16 LBS

WMA57  WT: 9 LBS

WMA35U  WT: 12 LBS

WMA55  WT: 10 LBS

WMA9U  WT: 8 LBS

WMA36U  WT: 12 LBS

WMA56  WT: 10 LBS

WMA22U  WT: 5 LBS
POLE MOUNT

TRA5U  WT: 9 LBS  EPA: .62

TRA6U  WT: 9 LBS  EPA: .62

TRA55  WT: 10 LBS  EPA: .67

TRA56  WT: 8 LBS  EPA: .54

TRA57  WT: 7 LBS  EPA: .67

SLA1   WT: 12 LBS  EPA: 1.09

SLA8U  WT: 5 LBS  EPA: .40

SLA22U  WT: 6 LBS  EPA: .60