

Job:

Approval:

Type:

# VISION 3

LIGHTING

Step Light, Core Drill **MODEL PA3**

12V 20W Max., MR16 Halogen

12V 8W Max., COB LED w/ Driver

## Specifications

### Faceplate

A 1/8" thick, tempered, lens is secured to the faceplate with a high temperature, UV curing, silicone adhesive for a water tight seal. Included gasket seals between faceplate and wall. Internal accessory lenses held in place by stainless steel clip. The faceplate has two Ø3/16" countersunk mounting holes (mounting hardware not included).

### Covers

Cover is mounted over faceplate using three stainless steel set screws around the perimeter, allowing full rotational adjustment.

**Cast Covers:** Cast covers available in aluminum or brass and come in two cutoffs. Can be specified with integral spread lens to allow maximum light distribution. Alternatively, can be specified without integral spread lens and internal lens accessories can be used.

**Machined Covers:** Machined cosmetic covers and cutoffs available in aluminum, brass, or stainless steel and mount over aluminum faceplate. Each available in multiple styles that can be configured as desired.

### Body

The machined 6061-T6 aluminum, black anodized body contains the Light Engine, attaches to the faceplate cap using one 18-8 stainless steel set screw, and is sealed with high temperature silicone O-rings. The Body is supplied with 6' of 16-2 cable. Cable exit is sealed with a polymer water tight strain relief fitting.

### Finish

TGIC thermo set polyester powder coat paint available in 14

standard colors. On aluminum model, finish is applied over a corrosion resistant, hexavalent chromium free, RoHS compliant coating. Aluminum model available in one additional metal finish: Clear Anodized. Brass model available in three additional metal finishes: Natural, Polished, and Aged. Stainless model available in three additional metal finishes: Natural, Polished, and Brushed.

### Socket

GY-6.35 porcelain socket with 600V, 250°C, PTFE coated 18 ga leads (for MR16 Halogen and MR16 LED options).

### Light Engine<sup>9</sup>

**Integral Driver COB LED:** 13.5mm COB LED and integral low voltage driver allows for choice of light output (400lm, 700lm, or 1000lm), color temperature (2700K, 3000K, 3500K, 4000K), CRI (80, 90), and optics (15°, 24°, 36°, 55°, 65°). Integral LED driver features include: 12VAC input (+/- 10%), ELV and MLV phase dimming (contact V3 for dimmer compatibility), high power factor > 0.9, internal protection (short circuit, overload, thermal, auto-reset), and an L70 > 40,000 hrs. COB LED and driver components are field replaceable and upgradeable to simplify future repairs and upgrades.

**MR16 Halogen:** 12V bi-pin up to 20W. Lamp supplied by others.

**Retrofit MR16 LED:** 12V 7.5W (600lm) bi-pin retrofit Soraa™ MR16 LED lamp with specially engineered heat sink mount to ensure proper heat transfer to body. Note: Retrofit LED will overheat without supplied heat sink mount.

### Certification

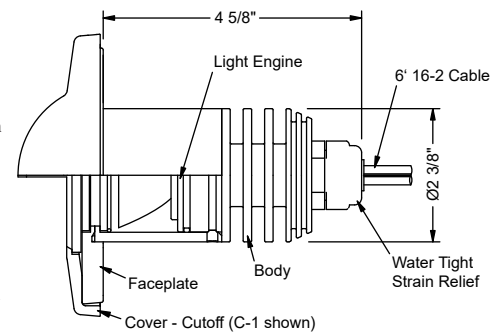
CSA tested & certified to US and Canadian safety standards for the following application(s):

Wet location wall mount use (UL1598):

**PA3 - LED or 20W Max. MR16 Halogen lamp.**

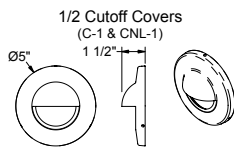
**Caution!** - PA3 can not be used in contact with combustible surfaces or thermal insulation when using the MR16 Halogen lamp.

All ratings subject to change without notice. See website or contact V3 for most current info.



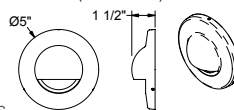
### Cast Cover - Cutoff Options

(available with or without integral spread lens)



### 3/4 Cutoff Covers

(C-2 & CNL-2)



### Machined Cover - Cutoff Options

Cover Options	Cutoff Options									
	Dome (DM)	Angled Hood (HDA)	Round Hood (HDR)	Square Hood (HDS)	Louver (LVR)	Marker (MO)	3-Bar Marker (M3)	4-Bar Marker (M4)		
Round (RND)										
Square (SQ)										

## Ordering Information

Model	Cover <sup>3</sup>	Cutoff <sup>3</sup>	Light Engine <sup>9</sup>	Lens Accy <sup>6</sup>	Louver <sup>6</sup>
PA3A - Aluminum					
PA3B - Brass <sup>2</sup>					
PA3S - Stainless <sup>1,2</sup>					
<b>Finish</b>	<b>Cast:</b>	<b>Cast:</b>	<b>MR16 Halogen:</b>	<b>0 - None</b>	<b>0 - None</b>
	<b>C - w/ integral spread lens<sup>4</sup></b>	<b>1 - 1/2 Cutoff</b>	<b>0 - None (lamp by others)</b>	<b>L1 - Spread</b>	<b>H1 - Hex</b>
	<b>CNL - w/o integral spread lens</b>	<b>2 - 3/4 Cutoff</b>	<b>Retrofit MR16 LED:<sup>5,7</sup></b>	<b>L2 - Linear</b>	
<b>Powder Coat Finishes:</b>	<b>Machined:<sup>2</sup></b>	<b>Machined:<sup>2</sup></b>	<b>155 - 7.5W, 600lm, 90CRI, 3000K, 10°</b>	<b>L3 - Softening</b>	
<b>BLT - Textured Black</b>	<b>RND - Round</b>	<b>DM - Dome</b>	<b>156 - 7.5W, 600lm, 90CRI, 3000K, 25°</b>		
<b>BNT - Textured Bronze</b>	<b>SQ - Square</b>	<b>HDA - Angled Hood</b>	<b>157 - 7.5W, 600lm, 90CRI, 3000K, 36°</b>		
<b>BAT - Textured Bark</b>		<b>HDR - Round Hood</b>			
<b>GRT - Textured Green</b>		<b>HDS - Square Hood</b>	<b>Amber MR16 LED (Turtle Safe):<sup>7</sup></b>		
<b>GNT - Textured Granite</b>		<b>LVR - Slotted Louver</b>	<b>AM1 - 5W, 380lm, 85CRI, 30°, Turtle Safe Amber<sup>6</sup></b>		
<b>SAT - Textured Sand</b>		<b>M0 - Marker</b>	<b>Integral Driver COB LED:<sup>7,8</sup></b>		
<b>PAT - Textured Patina</b>		<b>M3 - 3-Bar Marker</b>	<b>LE2 - XXXX - X - XX - XX</b>		
<b>EAT - Textured Earth</b>		<b>M4 - 4-Bar Marker</b>			
<b>Metal Finishes:</b>					
<b>CLA - Clear Anodized (Machined PA3A only)</b>					
<b>NAT - Natural (PA3B &amp; PA3S only)</b>					
<b>POL - Polished (Machined PA3B &amp; PA3S only)</b>					
<b>AGE - Aged (PA3B only)</b>					
<b>BRU - Brushed (Machined PA3S only)</b>					

### Notes:

- Model PA3S only available with machined Cover / Cutoff options.
- When using Machined Cover & Cutoff options, only the cosmetic cover and cutoff parts are brass or stainless steel. All other parts are anodized aluminum.
- Cover and Cutoff types must match (Cast with Cast & Machined with Machined only).
- C - Cover option includes an integral spread lens, making Lens Accy & Louver options ineffective.
- Use only approved 7.5W Retrofit MR16 LED lamps and supplied heat sink mount, otherwise LED may overheat.
- AM1 Turtle Safe Amber LED can only be specified with 1 lens accessory.
- Only power LED Light Engine options with approved transformers (contact V3 for transformer and dimmer compatibility info).
- Integral Driver COB LED Light Engine options do not require a separately specified remote driver. See specifications above for required voltage input.
- All lumen values cited are nominal lumen output (ideal lumen output of light engine only in lab conditions). Actual fixture output will vary with cover, material, lens/optics options, and environmental conditions. For more accurate information, see fixture photometry files on website.
- Specifications, certifications, and ordering information are subject to change. Please check website for latest specification sheets.

Example: **PA3B - AGE - C - 1 - LE2-0700-8-27-15 - 0 - 0**

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