

VISION 3 LIGHTING

Step Light, Box Mount **MODEL PA5**
 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.

Covers

Cover is mounted to 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 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.

Mount Style

Cast Box: Comes with faceplate mounted to an industry standard 4" round cast aluminum box and extension. Can be used with either halogen or LED Light Engine options and up to two lens accessories.
Octagonal Box: For mounting to industry

standard 4" sheet metal octagonal boxes (box & hardware not included). See drawing at left to make sure the proper depth of box is used. Can only be used with LE2-0400 Light Engine option with '0 - None' Optics option and up to one lens accessory.

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 Engine¹¹

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 for wet location wall mount use (UL1598):

PA5 - LED or 20W Max. MR16 Halogen lamp.

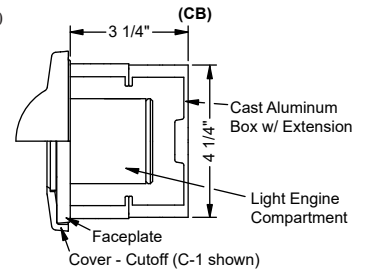
For MR16 halogen versions: Not for use in contact with combustible materials or thermal insulation. Power supply wires and wire connectors must be rated for 105°C minimum.

For Octagonal Box (OB) mount versions: Can only be used with LE2-0400 Light Engine option with '0' Optics option. Power supply wires and wire connectors must be rated for 90°C minimum.

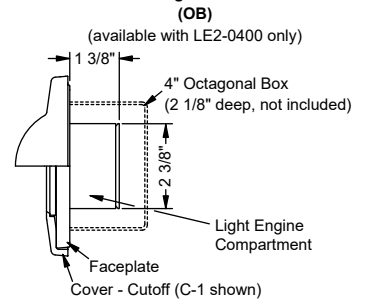
All ratings subject to change without notice. See website or contact V3 for most current info.

Mount Options

Cast Box (CB)

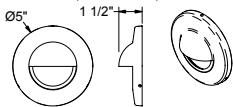


Octagonal Box (OB)

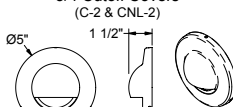


Cast Cover - Cutoff Options (available with or without integral spread lens)

1/2 Cutoff Covers (C-1 & CNL-1)



3/4 Cutoff Covers (C-2 & CNL-2)



Machined Cover - Cutoff 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)	1 1/8"	7/8"	3/4"	3/4"				
Square (SQ)	5"							

Ordering Information

Model	Mount	Cover ⁴	Cutoff ⁴	Light Engine ¹¹	Lens Accy ^{5,7}	Louvers ^{5,7}
PA5A - Aluminum PA5B - Brass ² PA5S - Stainless ^{1,2}	CB - With Cast Box (box & extension included) OB - For Octagonal Box ^{3,7} (box & hardware not included)	Cast: C - w/ integral spread lens ⁵ CNL - w/o integral spread lens Machined: ² RND - Round SQ - Square	Cast: 1 - 1/2 Cutoff 2 - 3/4 Cutoff Machined: ² DM - Dome HDA - Angled Hood HDR - Round Hood HDS - Square Hood LVR - Slotted Louver MO - Marker M3 - 3-Bar Marker M4 - 4-Bar Marker	MR16 Halogen: 0 - None (lamp by others) Retrofit MR16 LED: ^{6,7,8} 155 - 7.5W, 600lm, 90CRI, 3000K, 10° 156 - 7.5W, 600lm, 90CRI, 3000K, 25° 157 - 7.5W, 600lm, 90CRI, 3000K, 36° Amber MR16 LED (Turtle Safe): ^{7,8} AM1 - 5W, 380lm, 85CRI, 30°, Turtle Safe Amber Integral Driver COB LED: ^{8,9} LE2 - XXXX - X - XX - XX	0 - None L1 - Spread L2 - Linear L3 - Softening	0 - None H1 - Hex
Powder Coat Finishes: BLT - Textured Black BNT - Textured Bronze BAT - Textured Bark GRT - Textured Green GNT - Textured Granite SAT - Textured Sand PAT - Textured Patina EAT - Textured Earth	Metal Finishes: AGE - Aged (PA5B only) NAT - Natural (PA5B & PA5S only) CLA - Clear Anodized (Machined PA5A only) POL - Polished (Machined PA5B & PA5S only) BRU - Brushed (Machined PA5S only)					

Notes:

- Model PA5S 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.
- 'OB' Mount option only available with 'LE2-0400' Light Engine option.
- Cover and Cutoff types must match (Cast with Cast & Machined with Machined only).
- 'C' Cover option includes an integral spread lens, making lens accessory options ineffective.
- Use only approved 7.5W Retrofit MR16 LED lamps and supplied heat sink mount, otherwise LED may overheat.
- MR16 LED or 'OB' Mount options 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).
- 'LE2' Light Engine options do not require a separately specified remote driver. See specifications above for required voltage input.
- '0 - None' Optics option is only available, and required, with 'OB' Mount option.
- 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: PA5A - BLT - CB - C - 2 - LE2-0400-8-27-24 - 0 - 0