

VISION 3 LIGHTING

LED Staff Light **MODEL PA12** 120-277V, 15W Max. Integral Driver COB LED 30W Max. COB LED (Remote Driver Required)

Specifications

Material

Available in machined 6061-T6 aluminum or C36000 brass. All hardware 18-8 stainless steel.

Head

Machined head comes in two styles: Side Mount and Rear Mount. (See illustration for aiming capability of each head style.)

Stem

Machined stems available in lengths of 3", 6", 12", 18", 24", 30", 36", 42" and 48". Maximum allowable stem length depends on mount option (see **Ordering Information**). Soil type and installation manner may limit safe stem length further. To prevent fixture from toppling over, these factors must be taken into account when choosing stem length, mount type, or installation manner (concrete anchoring may be required).

Knuckle

Machined knuckle allows for a full range of aiming positions. Double taper design (U.S. Patent #6,966,679) allows fixture to hold position during aiming and ensures a solid lock when tightened. LED models have a molded silicone wire seal to prevent moisture entry. Available Rotate and Lock option (U.S. Patent #7,108,405 & #7,458,552) allows for full 360° horizontal aiming and locking.

Cap

Machined caps come in seven styles, lock in place with one 18-8 stainless steel set screw, and are sealed to the body with a high temperature silicone O-ring. Regress Lens caps have drain holes for water drainage from top of lens if mounted in the up position. All caps accept up to two internal accessories, held in place by a stainless steel clip.

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.



Lens

1/8" thick, tempered, clear lens, secured to cap with a high temperature, UV curing, silicone adhesive.

Light Engine

Both COB LED light engine options use industry standard replaceable components and quick disconnects for ease of field maintenance and future upgrades, and includes features like: field changeable optics (15°, 24°, 36°, 55°, 65°), choice of color temperature (2700K, 3000K, 3500K, 4000K), CRI (80, 90), and an L70 > 50,000 hrs.

Integral Driver COB LED option: Includes a field replaceable driver module with a 350mA, 15W max Class 2 driver for features like: 1600lm⁸ max. nominal output, 105 lm/W efficacy, 120-277VAC (50/60Hz) input, programmable tri-dimming (TRIAC, ELV, 0-10V) down to 1%, and various protection features (input over current, short circuit and over current, internal over temperature, output open load). Notes: driver can be programmed for dimming profile or lower lumen output. Contact V3 for info. For compatible dimmers, see Compatible Dimmer list.

COB LED option: Requires Vision3 approved constant current remote driver or driver mount (to be specified separately). Includes performance of 1800lm⁸ @ 350mA, 2400lm⁸ @ 500mA, 3200lm⁸ @ 700mA. Note: see specification sheet of driver mount being specified for appropriate driver ratings.

Certification

CSA tested & certified to US and Canadian safety standards per UL1598 for wet location use in landscape applications.

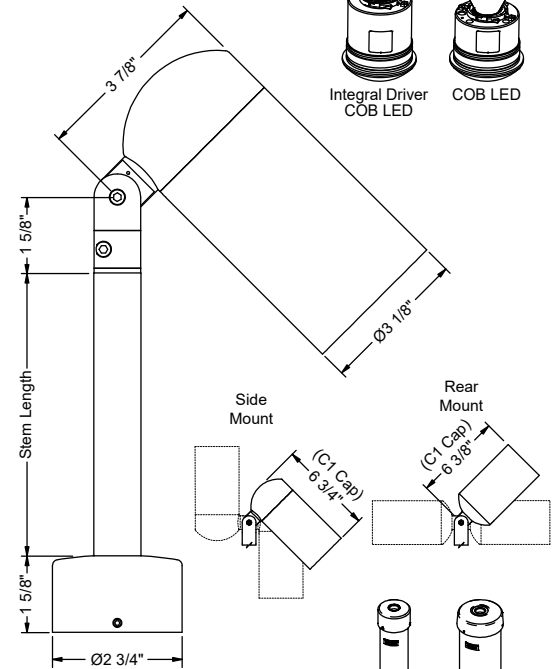
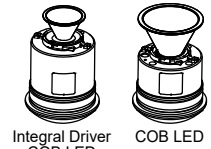
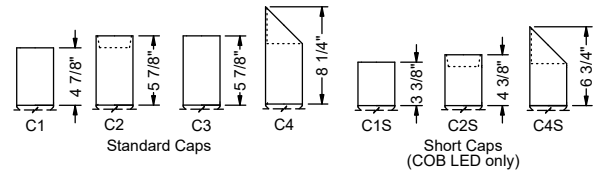
Integral Driver COB LED:

Integral driver COB LED available in all configurations.

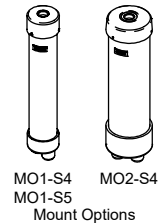
COB LED:

PA12(A or B) - 700mA max driver current.

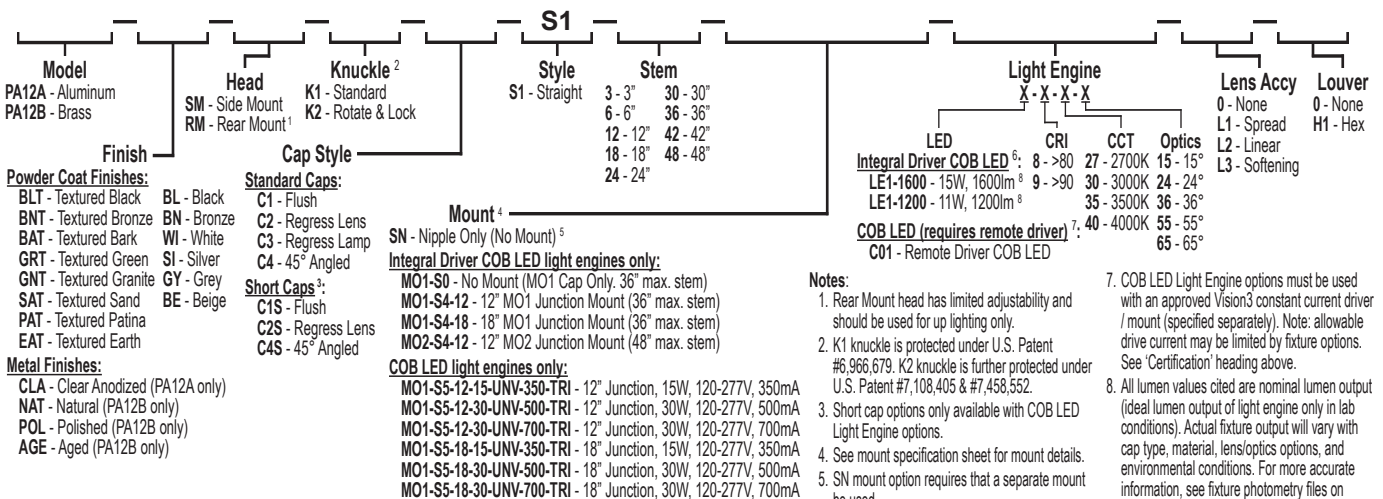
All ratings subject to change without notice. See web site or contact V3 for most current info.



PA12 shown with: SM head, K2 knuckle, C1 cap, S1 style, & MO1 mount cap.



Ordering Information



Notes:

- Rear Mount head has limited adjustability and should be used for up lighting only.
- K1 knuckle is protected under U.S. Patent #6,966,679. K2 knuckle is further protected under U.S. Patent #7,108,405 & #7,458,552.
- Short cap options only available with COB LED Light Engine options.
- See mount specification sheet for mount details.
- SN mount option requires that a separate mount be used.
- Integral Driver COB LED Light Engine options do not require a separately specified remote driver. See specifications above for required voltage input.
- COB LED Light Engine options must be used with an approved Vision3 constant current driver / mount (specified separately). Note: allowable drive current may be limited by fixture options. See "Certification" heading above.
- All lumen values cited are nominal lumen output (ideal lumen output of light engine only in lab conditions). Actual fixture output will vary with cap type, 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: PA12A - BN - SM - K2 - C2 - S1 - 6 - MO1-S4-12 - LE1-1600-8-30-55 - 0 - 0