

VISION³

LIGHTING

Side Mount LED Flood **MODEL FL12** 120-277V, 15W Max. Integral Driver COB LED 30W Max. COB LED (Remote Driver Required)

Specifications

Body

Machined 6061-T6 aluminum or C36000 brass body with 18-8 stainless steel hardware. Machined 6061-T6 aluminum or C36000 brass side mount knuckle is pressed into body and sealed with a high temperature silicone O-ring.

Knuckle

Machined 6061-T6 aluminum or C36000 brass mounting knuckle with a 1/2" NPS threaded male fitting allows a full range of mounting positions. Double taper design (U.S. Patent #6,966,679) allows fixture to hold position during aiming and ensures a solid lock when tightened. Integral high temperature silicone O-ring prevents leaking between body and knuckle. LED models have a molded silicone wire seal to prevent water entry at knuckle. Available Rotate and Lock option (U.S. Patent #7,108,405 & #7,458,552) allows for full 360° horizontal aiming and locking.

Cap

Machined 6061-T6 aluminum or C36000 brass 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 cap has drain hole 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: 1600lm⁵ 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 1800lm⁵ @ 350mA, 2400lm⁵ @ 500mA, 3200lm⁵ @ 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, wall mount, and ceiling mount applications.

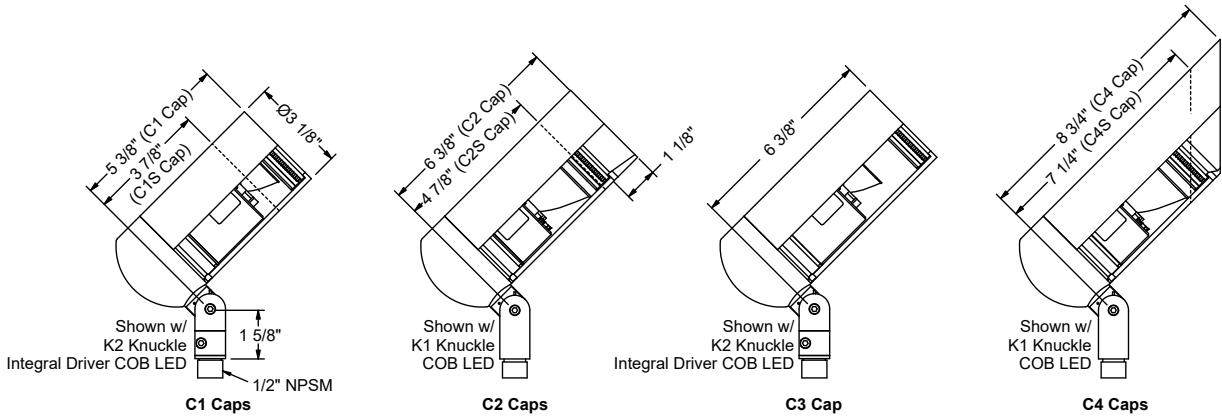
Integral Driver COB LED:

Integral driver COB LED available in all configurations.

COB LED:

FL12(A or B) - 700mA max driver current.

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



Ordering Information

Model	Finish	Cap Style	Knuckle ¹	Light Engine	Lens Accy	Louver
FL12A - Aluminum FL12B - Brass	Powder Coat Finishes: BL - Black BLT - Textured Black BN - Bronze BNT - Textured Bronze BAT - Textured Bark WI - White GRT - Textured Green SI - Silver GY - Grey BE - Beige GNT - Textured Granite SAT - Textured Sand PAT - Textured Patina EAT - Textured Earth Metal Finishes: CLA - Clear Anodized (FL12A only) NAT - Natural (FL12B only) POL - Polished (FL12B only) AGE - Aged (FL12B only)	Standard Caps: C1 - Flush C2 - Regress Lens C3 - Regress Lamp C4 - 45° Angled Short Caps²: C1S - Flush C2S - Regress Lens C4S - 45° Angled	K1 - Standard K2 - Rotate & Lock	X - X - X - X LED CRI CCT Optics Integral Driver COB LED ³ : 8 - >80 27 - 2700K 15 - 15° LE1-1600 - 15W, 1600lm ⁵ 9 - >90 30 - 3000K 24 - 24° LE1-1200 - 11W, 1200lm ⁵ 35 - 3500K 36 - 36° COB LED (requires remote driver) ⁴ : 40 - 4000K 55 - 55° C01 - Remote Driver COB LED 65 - 65°	0 - None L1 - Spread L2 - Linear L3 - Softening	0 - None H1 - Hex

Notes:

- 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.
- 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: **FL12A - CLA - C2 - K1 - LE1-1200-8-30-36 - L2 - 0**