

Job:

Approval:

Type:

VISION·3

LIGHTING

Ø1 3/4" Flood **MODEL FL20**
12V 4W, COB LED w/ Driver

Specifications:

Material

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

Body

Machined body with 18-8 stainless steel hardware.

Knuckle

Machined 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 housing 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 caps come in four 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. Drain hole in C2 & C4 style caps allows for water drainage from top of lens. 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.

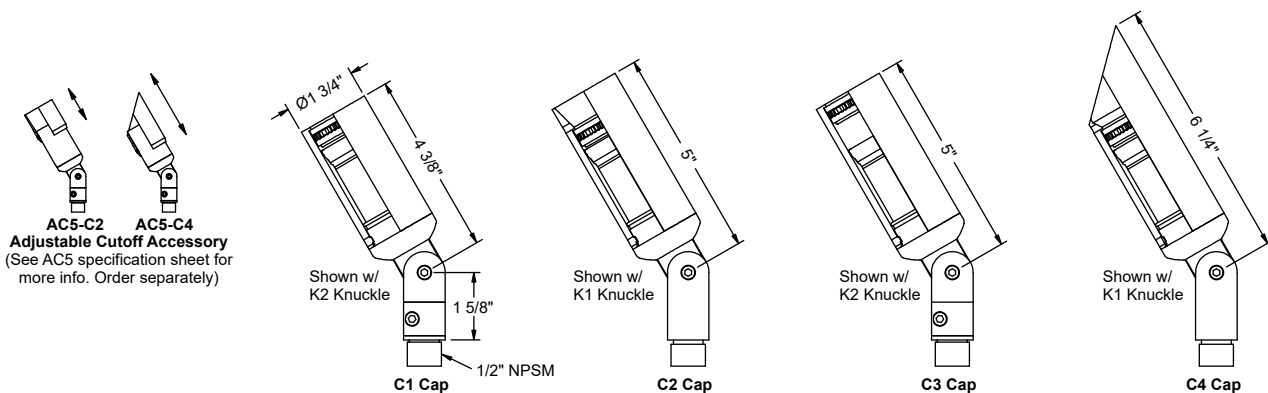
Light Engine⁴

Integral Driver COB LED: COB LED light engine uses industry standard replaceable components for ease of field maintenance and future upgrades and includes features like: field changeable optics (18°, 24°, 36°, 60°), choice of color temperature (2700K, 3000K, 3500K, 4000K), CRI (80, 90), and an L70 > 40,000 hrs. Includes a field replaceable low voltage driver for 400lm nominal light output. Driver features include: 12VAC input (+/- 10%), ELV and MLV phase dimming (contact V3 for dimmer compatibility), high power factor (> 0.9), and internal protection (short circuit, overload, thermal, auto-reset).

Certification

CSA tested & certified to US and Canadian safety standards for wet location landscape, wall mount, and ceiling mount use per UL1838 and UL1598.

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



Ordering Information:

Model	Finish	Cap Style	Knuckle ¹	Light Engine ⁴	Lens Accy	Louver
FL20A - Aluminum FL20B - Brass		C1 - Flush C2 - Regress Lens C3 - Regress Lamp C4 - 45° Angled	K1 - Standard K2 - Rotate & Lock	Integral Driver COB LED: ^{2,3} LE2-XXXX-X-XX-XX Lumen Output 0400 - 4W, 400lm 8 - >80 9 - >90 CCT 27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K Optics 18 - 18° 24 - 24° 36 - 36° 60 - 60°	0 - None L1 - Spread L2 - Linear L3 - Softening	0 - None H1 - Hex
Powder Coat Finishes: BLT - Textured Black BL - Black BNT - Textured Bronze BN - Bronze BAT - Textured Bark WI - White GRT - Textured Green SI - Silver GNT - Textured Granite GY - Grey SAT - Textured Sand BE - Beige PAT - Textured Patina EAT - Textured Earth Metal Finishes: CLA - Clear Anodized (FL20A only) NAT - Natural (FL20B only) POL - Polished (FL20B only) AGE - Aged (FL20B only)						

Notes:

- Knuckle is protected under U.S. Patents #6,966,679, #7,108,405, & #7,458,552.
- 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 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: **FL20A - WI - C3 - K2 - LE2-400-9-35-24 - L1 - 0**

©2007 - 2025 Vision3 Lighting®

P.O. Box 607, Fowler, CA 93625

(559) 834-5749

(559) 834-4779 fax

www.vision3lighting.com

revision 7/30/25