

Job:

Approval:

Type:

VISION3

LIGHTING

In Grade Stake Mount **MODEL MO2**

120V, 60W Max., Transformer

120-277V, 350mA, 500mA, or 700mA, LED Driver(s)

Specifications:

Housing

Stake and Junction housings made from corrosion resistant, thermoplastic PVC, with a black anodized machined 6061-T6 aluminum collar. Junction housing is supplied with three integral 1/2" slip fittings for conduit connection, leak proof cable entry, and feed through wiring. (Conduit and cable not included).

Cap

Available in machined 6061-T6 aluminum, machined C36000 brass, or cast C84400 bronze. Cap contains 1/2" NPS threaded mounting hole(s), and is locked to housing collar with three 18-8 stainless steel set screws. Available in single or dual threaded mount hole options.

Stem

Stems are machined from 6061-T6 aluminum or C36000 brass, and are threaded 1/2" NPS on both ends. Stem option available in lengths of 3", 6", 12", 18", 24", 30", 36", 42", and 48".

Seals

O-ring groove on cap allows for use of an O-ring to prevent leaking between cap and fixture knuckle. (Note: All Vision3 fixtures come with a high temperature, black Viton O-ring on the knuckle for this purpose). On Style S3, S4, & S5, silicone O-ring between Cap and junction Collar ensures a watertight junction housing.

Electrical

No transformer / driver option (Style S0, S1, S4): no power supply included.

Transformer option (Style S3): includes a 60W, 12VAC output, electronic transformer with 120VAC input. Suitable for AC LED or halogen loads and ELV dimming capable. Contact Vision3 for LED and dimmer compatibility. Transformer features short-circuit protection.

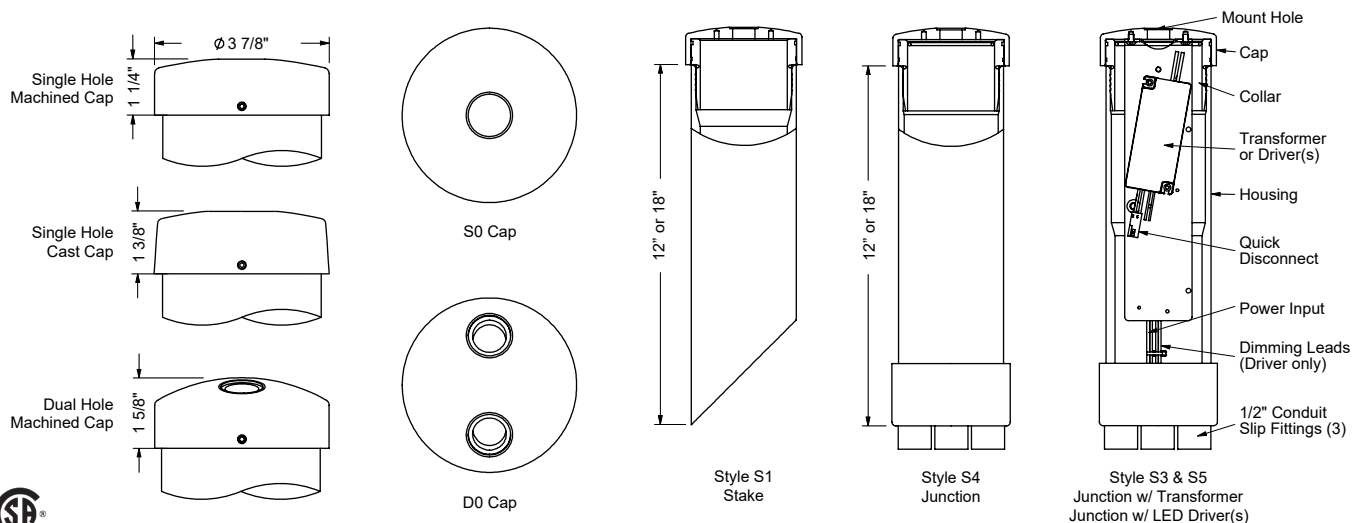
LED driver option (Style S5): includes single or dual constant current (350mA, 500mA, or 700mA) LED driver(s) with universal voltage input (120-277VAC) and three dimming options (0-10V, forward-phase, & reverse-phase). Drivers feature over-current, no-load, short-circuit, and over-temperature protection.

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. Machined brass model available in three additional metal finishes: Natural, Polished, and Aged. Cast Bronze model available in two additional metal finishes: Natural and Aged.

Certification

CSA tested & certified to US and Canadian safety standards (UL1598) for wet location landscape use.



Ordering Information:

Model ¹	Finish	Mount Hole	Style	Transformer / Driver	Stem ^{6,7}
MO2A - Aluminum Cap		Single:	S0 - No Mount (Cap Only)	None (Styles S0, S1, & S4 only):	0 - None 24 - 24"
MO2B - Brass Cap (Machined Finish)		S0 - Single, Threaded	S1-12 - 12" Stake Mount	0 - No Transformer / Driver	3 - 3" 30 - 30"
MO2C - Bronze Cap (Cast Finish)		Dual:	S1-18 - 18" Stake Mount	Transformer (Style S3 only):	6 - 6" 36 - 36"
		D0 - Dual, Threaded ^{2,3,7}	S3-12 - 12" Junction w/ Transformer ⁴	60-120 - 60W output, 120V input ⁴	12 - 12" 42 - 42"
			S3-18 - 18" Junction w/ Transformer ⁴	LED Driver (single) ^{3,5} (Style S5 only):	18 - 18" 48 - 48"
			S4-12 - 12" Junction	15-UNV-350-TRI - 15W max, 120-277V, 350mA	
			S4-18 - 18" Junction	30-UNV-500-TRI - 30W max, 120-277V, 500mA	
			S5-12 - 12" Junction w/ LED Driver ⁵	30-UNV-700-TRI - 30W max, 120-277V, 700mA	
			S5-18 - 18" Junction w/ LED Driver ⁵	LED Driver (dual) ⁵ (Style S5 only):	
				2X15-UNV-350-TRI - Dual 15W max, 120-277V, 350mA	
				2X30-UNV-500-TRI - Dual 30W max, 120-277V, 500mA	
				2X30-UNV-700-TRI - Dual 30W max, 120-277V, 700mA	

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 (MO2A only)
NAT - Natural (MO2B & MO2C only)
POL - Polished (MO2B only)
AGE - Aged (MO2B & MO2C only)

Notes:

- For a better looking installation, match the model to the fixture it is being used with:
 - MO2A with cast or machined aluminum fixtures.
 - MO2B with machined finish brass/bronze fixtures.
 - MO2C with cast finish bronze fixtures.
- D0 mount hole only available with MO2A and MO2B.
- Single driver options can not be specified with 'D0' Mount Hole option.
- Contact V3 for 60-120 transformer compatibility.

- Style S5 and LED driver options are for use with Vision3 Remote Driver COB LED fixtures (specified separately).
- Stems are only available with models MO2A and MO2B.
- When stem option is specified with 'D0' Mount hole options, two stems will be included (one stem for each mount hole).
- Specifications, certifications, and ordering information are subject to change. Please check website for latest specification sheets.

Example: **MO2B - AGE - D0 - S5-12 - 2X15-UNV-350-TRI - 0**