Approval:

12V 20W Max., MR16 Halogen

12V 8W Max., COB LED w/ Driver

MR16 In Ground Up Light MODEL IG2

Specifications

Housing

Machined 6061-T6 aluminum housing, coated with black TGIC thermo set polyester powder coat paint, applied over a corrosion resistant chromate conversion coating.

Lamp Holder

Machined 6061-T6 aluminum, C36000 brass, or 304 stainless steel faceplate and optional pour collar mounts to the housing with 18-8 stainless steel hardware. The faceplate is attached to a machined 6061-T6 aluminum, black anodized body using one 18-8 stainless steel set screw, and sealed with a high temperature silicone O-ring. The faceplate accepts two internal accessories, held in place by a stainless steel clip. Body is supplied with 6' of cable. Cable exit sealed with a water tight strain relief fitting.

Finish

Faceplate and optional pour collar available with TGIC thermo set polyester powder coat paint 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 faceplate finish: Clear Anodized. Brass model available in three additional metal faceplate finishes: Natural, Polished, and Aged. Stainless steel model available in three additional metal faceplate finishes: Natural, Polished, and Brushed.

Lens

Tempered, clear lens, secured to faceplate with a high temperature, UV curing, silicone adhesive.

Socket

GY-6.35 porcelain socket with 600V, 250°C, PTFE coated 18 ga leads (for MR16



Halogen and Retrofit MR16 LED options).

Light Engine

COB LED w/ Integral Driver: 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.

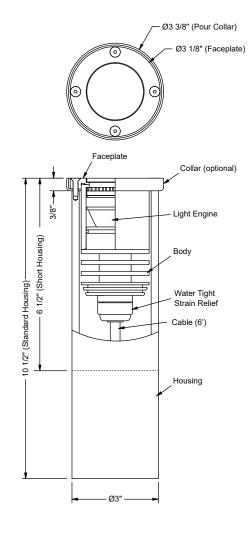
Certification

CSA tested & certified to US and Canadian safety standards for the following applications:

Wet location landscape use (UL1838): IG2 - 20W Max. MR16 Halogen lamp.

LED options can be used in all models and applications.

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



Model Lens Accy Housing Pour Collar Light Engine Louver IG2A - Aluminum 0 - No Pour Collar 0 - None STD - Standard COB w/ Integral Driver: 0 - None IG2B - Brass SH - Short PC - Pour Collar L1 - Spread H1 - Hex LE2 - <u>XXXX</u> - <u>X</u> - <u>XX</u> - <u>XX</u> IG2S - Stainless L2 - Linear Finish 3 L3 - Softening CRI Lumen Output CCT Optics Powder Coat Finishes: 0400 - 4W, 400lm 8 - >80 27 - 2700K 15 - 15° BL - Black BLT - Textured Black 0700 - 8W, 700lm **9** - >90 30 - 3000K 24 - 24° BNT - Textured Bronze BN - Bronze 1000 - 8W, 1000lm 35 - 3500K **36** - 36° BAT - Textured Bark WI - White 55 - 55° 40 - 4000K GRT - Textured Green SI - Silver 65 - 65° MR16 Halogen: GNT - Textured Granite GY - Grey 0 - None (lamp by others) SAT - Textured Sand BE - Beige PAT - Textured Patina Retrofit MR16 LED (3000K, 90 CRI): 1,2 EAT - Textured Earth 155 - 7.5W, 10° 156 - 7.5W, 25° Metal Finishes: Notes CLA - Clear Anodized (IG2A only) 157 - 7.5W, 36° 1. Only power LED/COB lamp options with approved transformers NAT - Natural (IG2B & IG2S only) POL - Polished (IG2B & IG2S only) (contact V3 for transformer and dimmer compatibility info). AGE - Aged (IG2B only) 2. Use only approved Retrofit MR16 LED lamps and supplied heat BRU - Brushed (IG2S only sink mount, otherwise LED may overheat. 3. Finish applies to faceplate and pour collar only. Housing will be finished with black powder coat. 4. Specifications, certifications, and ordering information are subject to change. Please check website for latest specification sheets. Example: IG2A - GRT - STD - PC - LE2-1000-8-40-15 - L1 - H1 ©2003 - 2024 Vision3 Lighting® P.O. Box 607, Fowler, CA 93625 (559) 834-5749 (559) 834-4779 fax