

VISION-3 LIGHTING

MR16 In Ground Up Light **MODEL IG2**
 12V 20W Max., MR16 Halogen
 12V 7.5W, 12/24V 10W, or 12V 12.5W LED

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 up to three internal accessories, held in place by a stainless steel clip. Lamp holder 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.

Lamps

MR16 Halogen: 12V bi-pin up to 20W (See **Certification** heading).

Integral LED: 12-24V AC/DC 10W or 12V AC/DC 12.5W LED options include integral driver with High/Low switch for 35W/20W (10W) or 50W/35W (12.5W) halogen equivalent outputs. LED Modules are field replaceable and feature replaceable lenses, an L70 > 60,000 hrs., dynamic transformer recognition, phase dimming (see Transformer and Dimmer Compatibility List), and patented LEDSense® thermal management. Note: requires up to 13W (10W) or 15W (12.5W) at startup, which must be allowed for during system design.

Retrofit MR16 LED: 12V 7.5W 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

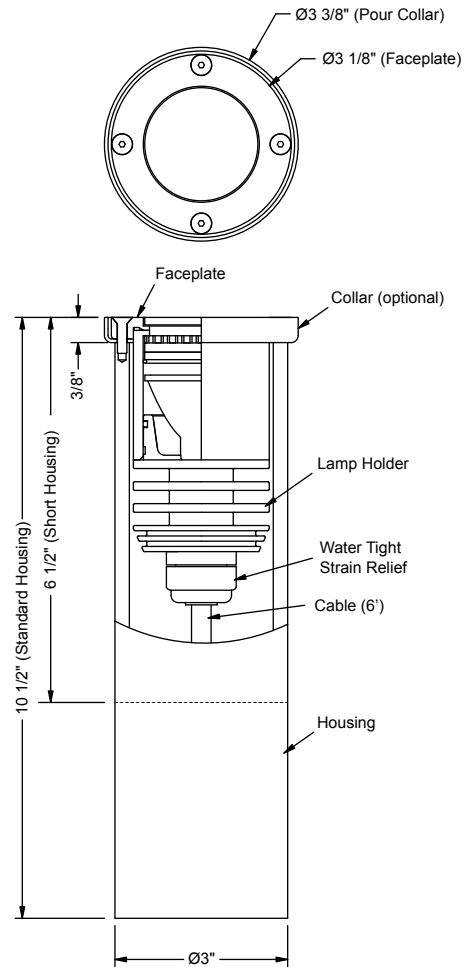
CSA tested & certified to US and Canadian safety standards for the following applications:

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 web site or contact V3 for most current info.



Ordering Information

Model	Housing	Pour Collar	Lamp	Lens Accy ¹	Filter ¹	Louver ¹
IG2A - Aluminum	STD - Standard	0 - No Pour Collar	<u>Integral LED (3000K, >80 CRI):</u> ^{1,2,3}	0 - None	0 - None	0 - None
IG2B - Brass	SH - Short	PC - With Pour Collar	116 - 10W, 12°	L1 - Spread Lens	F1 - Red	H1 - Hex
IG2S - Stainless			141 - 12.5W, 12°	L2 - Linear Lens	F2 - Blue	
			117 - 10W, 21°	L3 - Softening Lens	F3 - Light Blue	
			142 - 12.5W, 21°		F4 - Green	
			118 - 10W, 41°		F5 - Amber	
			143 - 12.5W, 41°		F6 - Pink	
					F7 - Mercury Vapor	
			<u>MR16 Halogen:</u>			
			0 - None			
			01 - ESX, 20W, 12°			
			02 - BAB, 20W, 40°			
			<u>Retrofit MR16 LED (3000K, 95 CRI):</u> ^{2,3,4}			
			147 - 7.5W, 10°			
			148 - 7.5W, 25°			
			149 - 7.5W, 36°			

Notes:

- Only two lens accessories can be used with Integral LED.
- Only power LED lamp options with approved transformers (contact V3 for transformer and dimmer compatibility info).
- LED available with other color temperatures as a special order. Consult your V3 sales rep.
- Use only approved Retrofit MR16 LED lamps and supplied heat sink mount, otherwise LED may overheat.
- Specifications, certifications, and ordering information are subject to change. Please check website for latest specification sheets.

Example: **IG2A - GRT - STD - PC - 01 - L1 - 0 - H1**