

# VISION 3 LIGHTING

## MR16 Round Well Light **MODEL IG3** 12V, 20W Max., MR16 Halogen 12V 7.5W, 12/24V 10W, or 12V 12.5W LED

### Specifications

#### Housing

Cast C84400 bronze collar attached to an ABS plastic housing using 18-8 stainless steel hardware.

#### Lamp Holder

Machined 6061-T6 aluminum cap attached to a machined 6061-T6 aluminum body using one 18-8 stainless steel set screw, and sealed with a high temperature silicone O-ring. Cap and body are black anodized. Cap 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.

#### Aiming

Lamp holder is attached to 304 stainless steel bracketry, allowing for a full 360° rotational and ±29° vertical aiming. Bracketry is mounted to cast C84400 bronze collar, allowing adjustment with faceplate removed. 18-8 stainless steel hardware locks lamp holder in place after adjustment.

#### Faceplate

Cast C84400 bronze faceplate available in standard, grate, or slotted grate option and mounts to aiming bracketry with 18-8 stainless steel hardware, ensuring it is properly aligned with lamp. Standard faceplate lens secured with a high temperature, UV curing, silicone adhesive.

#### Finish

TGIC thermo set polyester powder coat paint available in 14 standard colors. Also available in two additional bronze finishes: Natural and Aged.

#### Cap Lens

Tempered, clear lens, secured to cap with a high temperature, UV curing, silicone

adhesive. Stepped, flush lens reduces collection of water and debris on the lens.

#### 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.

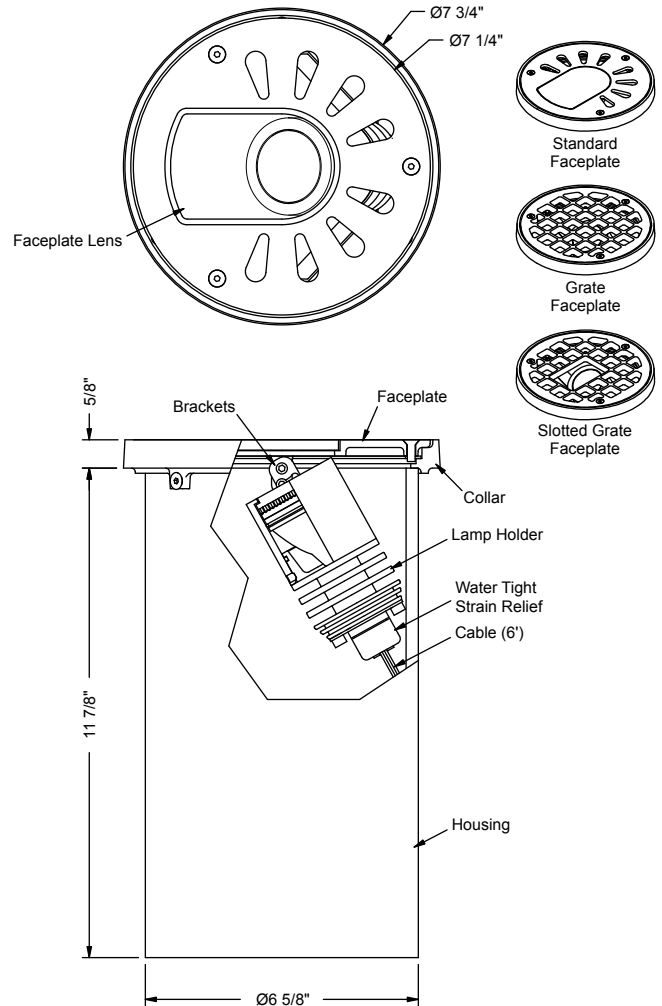
#### Certification

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

Wet location landscape use (UL1838):  
**IG3B - 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

IG3B		Model	Faceplate	Lamp	Lens Accy <sup>1</sup>	Filter <sup>1</sup>	Louver <sup>1</sup>
		IG3B - Cast Bronze	STD - Standard	<b>Integral LED (3000K, &gt;80 CRI):</b> <sup>1,2,3</sup>	0 - None	0 - None	0 - None
			GR - Grate	116 - 10W, 12°	L1 - Spread Lens	F1 - Red	F4 - Green
			SGR - Slotted Grate	117 - 10W, 21°	L2 - Linear Lens	F2 - Blue	F5 - Amber
				118 - 10W, 41°	L3 - Softening Lens	F3 - Light Blue	F6 - Pink
				143 - 12.5W, 41°		F7 - Mercury Vapor	H1 - Hex
				<b>MR16 Halogen:</b>			
				0 - None			
				01 - ESX, 20W, 12°			
				02 - BAB, 20W, 40°			
				<b>Retrofit MR16 LED (3000K, 95 CRI):</b> <sup>2,3,4</sup>			
				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: **IG3B - NAT - STD - 01 - 0 - F3 - H1**