

Job:

Approval:

Type:

VISION-3

LIGHTING

Sealed Ingrade **MODEL IG5**
120/277V 7.5W Max., Retrofit MR16 LED
120/277V 8W Max., COB LED w/ Driver

Specifications

Housing

Cast C84400 bronze housing. Four 3/4" NPT conduit entries allow for side entry or bottom entry conduit connection. Water tight pass-thru prevents water from entering the housing in the event of the wiring compartment becoming temporarily flooded. IP68 rated to a depth of 1 ft. for 60 hours. Optional concrete pour collar available in material and finish to match the faceplate.

Mounting

Optional mount stand, with or without grout mask, can be used as a stand alone installation mount or tied to a rebar grid for easy mounting and alignment.

Lens

Tempered, 1/4" thick, stepped lens allows for flush mounting. Optional Slip Reduction Lens increases wet lens friction by over 50%. Molded, high temperature, silicone lens gasket compresses around lens between faceplate and housing for a water tight seal. Both lens and seal are removable for cleaning or replacement.

Faceplate

Available in cast or machined C84400 bronze or machined 316 stainless steel. Attaches using six 18-8 stainless steel captive screws. Optional Glare Shield, Half Dome, Marker Light, and Rock Guard faceplates available in cast C84400 bronze and allow 360° of rotational alignment. Optional Flanged faceplate available in machined brass or 316 stainless steel.

Lamp Module & Aiming

Retrofit & COB LED: Lamp Module uses black anodized aluminum bracketry to ensure maximum heat transfer away from the LED to ensure long life while allowing for one tool 'hot aiming' with 18° vertical and 360° horizontal adjustment without having to touch hot brackets or LED. Integral accessory holder accepts up to two lens options.

Power Module

Power Module is constructed of black anodized 6061-T6 aluminum, 304 stainless steel, and 18-8 stainless steel hardware and utilizes an electronic transformer to supply 12VAC to the Light Engine. Transformer includes features like: 120VAC or 277VAC input options, ELV dimming, high power factor (> 0.98), and internal protection (short circuit, overload, thermal, auto-reset). Power Module integral handle and quick disconnects allows for easy removal and replacement of module.

Finish

Faceplate available in 14 standard TGIC thermo set polyester powder coat paint colors. Cast Bronze faceplates available in two additional finishes: Natural and Aged. Machined Brass faceplates available in three additional finishes: Natural, Aged, and Polished. Machined Stainless faceplates available in three additional finishes: Natural, Brushed, and Polished. Optional pour collar finished to match faceplate.

Socket

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

Light Engine

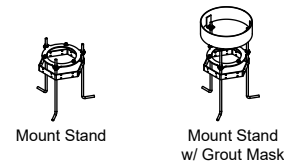
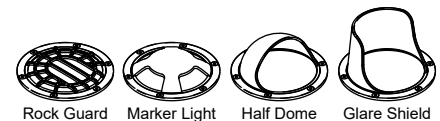
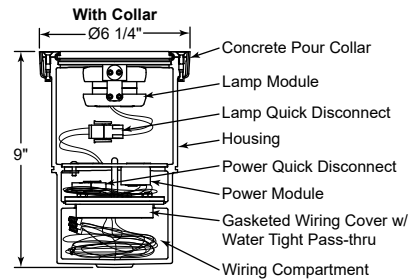
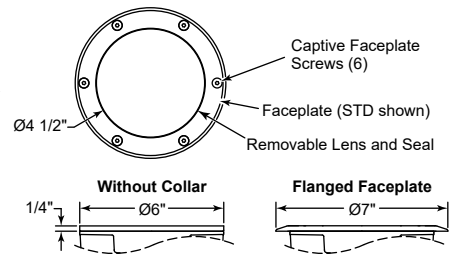
Integral Driver COB LED: 13.5mm COB LED and integral low voltage driver allows for choice of light output (400lm, 700lm, or 1000lm), color temperature (2700K, 3000K, 3500K, 4000K), CRI (80, 90), and optics (15°, 24°, 36°, 55°, 65°). Integral LED driver features include: 12VAC input (+/- 10%), high power 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.

Retrofit MR16 LED: 12VAC 7.5W (600lm) bi-pin retrofit Sora™ MR16 LED lamp with specially engineered heat sink mount to ensure proper heat transfer away from lamp. Note: Retrofit LED will overheat without supplied heat sink mount.

Certification

IP68 rated to a depth of 1 ft. for 60 hours. Drive over durable for up to 5300 lb vehicles, at up to 10 mph ('STD', 'ML1', 'ML2', or 'ML4' faceplates only. Other faceplate options are not suitable for drive over applications). CSA tested & certified to US and Canadian safety standards for wet location landscape use per UL1598.

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



Ordering Information

LED-JA																					
Model	Housing Style	Lens Style	Lamp Module	Power Module	Light Engine 4,5	Lens Accy	Louver	Accessories													
IG5C - Cast Bronze Faceplate IG5B - Machined Brass Faceplate IG5S - Machined Stainless Faceplate	SH - Short SH-PC - Short 2	STD - Standard SLR - Slip Reduction	LED-JA - Joystick Aim	E-60-120 - 120V E-60-277 - 277V	<u>Integral Driver COB LED:</u> LE2 - XXXX - X - XX - XX Lumen Output 0400 - 4W, 400lm 0700 - 8W, 700lm 1000 - 8W, 1000lm CRI 8 - >80 9 - >90 CCT 27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K Optics 15 - 15° 24 - 24° 36 - 36° 55 - 55° 65 - 65°	0 - None L1 - Spread L2 - Linear L3 - Softening	0 - None H1 - Hex	0 - None MS - Mount Stand GM - Mount Stand + Grout Mask													
Finish 1		Faceplate Style																			
Powder Coat Finishes:		STD - Standard FL - Flanged (IG5B & IG5S only) 2 GS - Glare Shield (IG5C only) HD - Half Dome (IG5C only) RG - Rock Guard (IG5C only) ML1 - Marker Light, 1 port (IG5C only) ML2 - Marker Light, 2 ports@180° (IG5C only) ML4 - Marker Light, 4 ports@90° (IG5C only)																			
BLT - Textured Black BNT - Textured Bronze BAT - Textured Bark GRT - Textured Green GNT - Textured Granite SAT - Textured Sand PAT - Textured Patina EAT - Textured Earth		BL - Black BN - Bronze WI - White SI - Silver GY - Grey BE - Beige																			
Metal Finishes:																					
NAT - Natural POL - Polished (IG5B & IG5S only) AGE - Aged (IG5C & IG5B only) BRU - Brushed (IG5S only)																					
					Retrofit MR16 LED: 3 155 - 7.5W, 600lm, 90CRI, 3000K, 10° 156 - 7.5W, 600lm, 90CRI, 3000K, 25° 157 - 7.5W, 600lm, 90CRI, 3000K, 36°																
					<table><tr><th colspan="2">Total Fixture Power Input</th></tr><tr><th>Light Engine</th><th>Power Input</th></tr><tr><td>LE2-0400</td><td>6W Max.</td></tr><tr><td>LE2-0700</td><td>10W Max.</td></tr><tr><td>LE2-1000</td><td>10W Max.</td></tr><tr><td>155, 156, 157</td><td>9W Max.</td></tr></table>					Total Fixture Power Input		Light Engine	Power Input	LE2-0400	6W Max.	LE2-0700	10W Max.	LE2-1000	10W Max.	155, 156, 157	9W Max.
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Notes:					fixture output will vary with cover, material, lens/optics options, and environmental conditions. For more accurate information, see fixture photometry files on website.																
1. Finish applies to faceplate and pour collar. Housing will be natural bronze finish.					5. Wattages shown are for Light Engine only. For total fixture input wattage, see table above.																
2. Flanged (FL) faceplate can not be used with the Pour Collar options.																					
3. Use only approved 7.5W Retrofit MR16 LED lamps and																					

Notes:

- Finish applies to faceplate and pour collar. Housing will be natural bronze finish.
- Flanged (FL) faceplate can not be used with the Pour Collar options.
- Use only approved 7.5W Retrofit MR16 LED lamps and supplied heat sink mount, otherwise LED may overheat.
- All lumen values cited are nominal lumen output (ideal lumen output of light engine only in lab conditions). Actual

fixture output will vary with cover, material, lens/optics options, and environmental conditions. For more accurate information, see fixture photometry files on website.

- Wattages shown are for Light Engine only. For total fixture input wattage, see table above.
- Specifications, certifications, and ordering information are subject to change. Please check website for latest specification sheets.

Total Fixture Power Input	
Light Engine	Power Input
LE2-0400	6W Max.
LE2-0700	10W Max.
LE2-1000	10W Max.
155, 156, 157	9W Max.

Example: **IG5B - POL - SH-PC - STD - LED-JA - E-60-277 - LE2-0700-8-35-24 - L1 - 0 - MS**

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