

Job:

Approval:

Type:

# VISION3

LIGHTING

MR16 / LED Dual Wall Mount **MODEL WM6**  
12V 87W Max. total both lamps, Dual MR16 Halogens  
12V 8W Max. ea., Dual COB LED w/ Driver

## Specifications

### Material

Available in machined 6061-T6 aluminum, C36000 brass, or 304 stainless steel with 18-8 stainless steel hardware.

### Cap

Each machined cap locks in place with an 18-8 stainless steel set screw and is sealed to the body with a high temperature silicone O-ring. Regress Lens caps have drain holes for water drainage from top of lens if mounted in the up position. 'Flush Lens' cap styles incorporate a stepped lens to reduce the collection of water and debris on the lens. Each cap accepts up to two internal accessories, held in place by a stainless steel clip.

### Mount Canopy

Available with MO3 (Machined Round Canopy), MO15 (Machined Square Canopy), and MO12 (Surface Mount Powered Canopy) mount options. See mount specification sheets for more information. Mount canopy must be mounted to an appropriate wall or junction box, in such a manner that is capable of holding the weight and torque created by the fixture. Junction box and hardware not included.

### 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. Brass model available in three additional metal finishes: Natural, Polished, and Aged. Stainless steel model available in three additional metal finishes: Natural, Polished, and Brushed.

### Lens

Tempered, clear lenses, secured to caps with a high temperature, UV curing, silicone adhesive.

### Socket

Two GY-6.35 porcelain sockets with 600V, 250°C, PTFE coated 18 ga leads (for bi-pin lamp options only).

### Light Engines<sup>9</sup>

**Integral Driver COB LED:** COB LED light engine options use industry standard replaceable components for ease of field maintenance and future upgrades and includes features like: field changeable optics (15°, 24°, 36°, 55°, 65°), choice of color temperature (2700K, 3000K, 3500K, 4000K), CRI (80, 90), and an L70 > 40,000 hrs. Each head includes a field replaceable low voltage driver in three current choices for 400lm, 700lm, or 1000lm nominal light output. Driver features include: 12VAC input (+/- 10%), ELV and MLV phase dimming (contact V3 for dimmer compatibility), high power factor (> 0.9), and internal protection (short circuit, overload, thermal, auto-reset).

**MR16 Halogen:** Two 12V bi-pin lamps up to 50W each (maximum allowable combined wattage depends on model and application. See **Certification** heading). Lamp supplied by others.

**Retrofit MR16 LED:** Two 12V 7.5W (600lm) bi-pin retrofit Sora<sup>TM</sup> MR16 LED lamps with specially engineered heat sink mounts 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 wet location wall mount use per UL1598 (Must be mounted in such a manner to properly support the fixture).

#### Integral Driver COB LED:

**Integral Driver COB LED available in all configurations.**

#### MR16 Halogen w/ MO12 Mount Options:

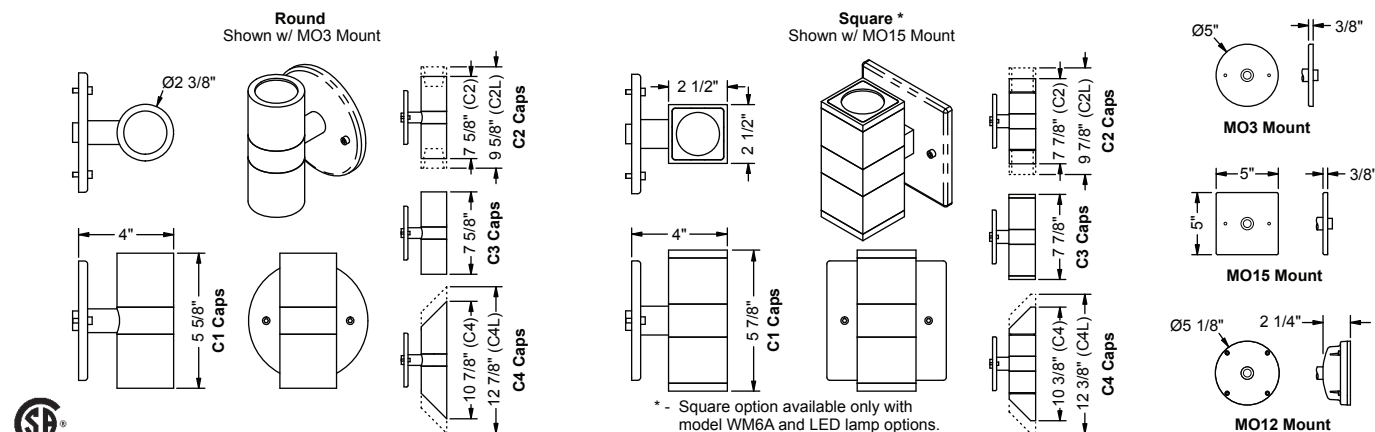
**WM6A (w/o transformer) - 87W Max.\***  
**WM6A (w/ transformer) - 55W Max.\***  
**WM6B - 40W Max.\***  
**WM6S - not available.**

#### MR16 Halogen w/ MO3 & MO15 Mount Options:

**WM6A (remote transformer) - 55W Max.\***  
**WM6A (transformer in j-box) - 40W Max.\***  
**WM6B - 40W Max.\***  
**WM6S - 40W Max.\***

\* - maximum MR16 Halogen wattage total for both lamps.

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



## Ordering Information

Model	Shape	Cap Style <sup>10</sup>	Mount <sup>3</sup>	Light Engine <sup>9,10</sup>	Lens Accy <sup>6,10</sup>	Louver <sup>6,10</sup>
WM6A - Aluminum WM6B - Brass WM6S - Stainless <sup>1</sup>	RND - Round SQ - Square <sup>1,2</sup>	(Up/Down)			(Up/Down)	(Up/Down)
<b>Finish</b>		<b>Standard Lens:</b>	<b>Low Voltage Mounts (Remote Transformer Required):</b>	<b>MR16 Halogen:<sup>4</sup></b>		
<b>Powder Coat Finishes:</b>		C1 - Flush	MO3 - Round Canopy	0 - None (lamp by others)	0 - None	0 - None
BLT - Textured Black	BL - Black	C2 - Regress Lens	MO15 - Square Canopy	Retrofit MR16 LED: <sup>4,7</sup>	L1 - Spread	H1 - Hex
BNT - Textured Bronze	BN - Bronze	C2L - Regress Lens, Long	MO12 - Surface Mount Canopy <sup>1</sup>	155 - 7.5W, 600lm, 90CRI, 3000K, 10°	L2 - Linear	
BAT - Textured Bark	WI - White	C3 - Regress Lamp	<b>Line Voltage Mounts (Integral Transformer):</b>	156 - 7.5W, 600lm, 90CRI, 3000K, 25°	L3 - Softening	
GRT - Textured Green	SI - Silver	C4 - 45° Angled	MO12-75-120 - MO12 w/ 75W, 120V <sup>1</sup>	157 - 7.5W, 600lm, 90CRI, 3000K, 36°		
GNT - Textured Granite	GY - Grey	C4L - 45° Angled, Long	MO12-75-230 - MO12 w/ 75W, 230V <sup>1,7</sup>	<b>Amber MR16 LED (Turtle Safe):<sup>7</sup></b>		
SAT - Textured Sand	BE - Beige	<b>Flush Lens:</b>	MO12-75-277 - MO12 w/ 75W, 277V <sup>1,7</sup>	AM1 - 5W, 380lm, 85CRI, 30°, Turtle Safe Amber <sup>6</sup>		
PAT - Textured Patina		C1F - Flush		<b>Integral Driver COB LED:<sup>7,8</sup></b>		
EAT - Textured Earth		C2F - Regress Lens		LE2 - XXXX - X - XX - XX		
		C2LF - Regress Lens, Long				
		C3F - Regress Lamp				
		C4F - 45° Angled				
		C4LF - 45° Angled, Long				

### Notes:

- MO12 mount option not available with model WM6S or SQ shape.
- SQ shape available with model WM6A and LED lamps only.
- See mount specification sheets for mount details.
- Allowable MR16H lamp wattage depends on model and mount. See Certification heading above.
- Use only approved 7.5W Retrofit MR16 LED lamps and supplied heat sink mount, otherwise LED may overheat.
- AM1 Turtle Safe Amber LED can only be specified with 1 lens accessory.
- Retrofit LED, Amber LED, and Integral Driver COB LED options may not be compatible with MO12-75-230 and MO12-75-277 mounts. Only power LED Light Engine options with approved transformers (contact V3 for mount, transformer, and dimmer compatibility info).
- Integral Driver COB LED Light Engine options do not require a separately specified remote driver. See specifications above for required voltage input.
- All lumen values cited are nominal lumen output (ideal lumen output of light engine only in lab conditions). Actual fixture output will vary with cap type, material, lens/optics options, and environmental conditions. For more accurate information, see fixture photometry files on website.
- Specify Cap Style, Light Engine, Lens Accy, and Louver options for the up and down position. See ordering example below.
- Specifications, certifications, and ordering information are subject to change. Please check website for latest specification sheets.

Example: **WM6A - SI - RND - C2F/C2 - MO15 - LE2-0700-9-30-15/LE2-0400-9-30-55 - L1/0 - H1/0**