VISION·3 LIGHTING

MR16 / LED Dual Sign Light MODEL SL6
12V 50W Max. ea., Dual MR16 Halogen
12V 8W Max. ea., Dual COB LED w/ Driver

Specifications

Material
Machined 6061-T6 aluminum with 18-8 stainless steel hardware.

Head
Machined heads come in two styles: Side Mount and Rear Mount. (See illustration for aiming capabilities of each head.)

Stem
1" diameter machined stem comes in various stem lengths and three stem styles: Straight, 180° U-Bend, and 90° Gooseneck. (See illustration for calculating overall projection from wall for each stem style.)

Knuckle
A Rotate and Lock knuckle (protected under U.S. Patents #6,966,679, #7,108,405 and #7,458,552) mounts each head and allows for adjustability. Double taper design allows fixture to hold position during aiming and ensures a solid lock when tightened. Molded silicone wire seals prevent water entry around wires at knuckles.

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 & MO13 (Surface Mount Powered Canopies) 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. Finish is applied over a corrosion resistant, hexavalent chromium free, RoHS compliant coating. Also available in one additional metal finish: Clear Anodized.

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 [8]
COB LED: Both 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.

Integral Driver COB LED: 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).

Remote Driver COB LED:
Each head requires a 350mA max. Vision3 approved constant current driver (see Ordering Information below for dual driver mount options). Each head has a nominal light output of 1600lm (with 15W max., 350mA driver). Note: see specification sheet of Driver Mount being specified for appropriate driver ratings and inputs.

MR16 Halogen: Two 12V bi-pin lamps up to 50W each. Lamp supplied by others.

Retrofit MR16 LED: Two 12V 7.5W (600lm) bi-pin retrofit Soraa™ 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:
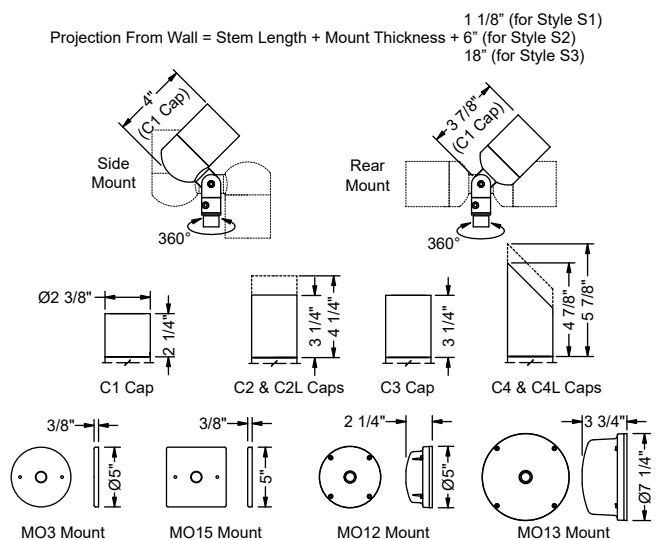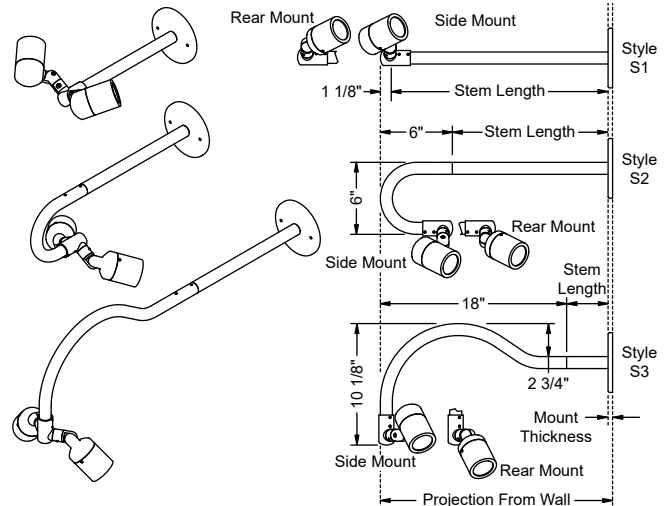 **Integral Driver COB LED available in all configurations.**

  Remote Driver COB LED:
  350mA max driver current each head.

  MR16 Halogen:
  50W Max. each head.

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

Projection From Wall = Stem Length + Mount Thickness + 6" (for Style S2)
18" (for Style S3)
1 1/8" (for Style S1)

Ordering Information

Model	Finish	Head	Cap Style [9]	Style	Mount [2]	Light Engine [8,9]	Lens Accy [4,9]	Louver [4,9]
SL6A - Aluminum		**SM** - Side Mount **RM** - Rear Mount						

Finish

Powder Coat Finishes:
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:
CLA - Clear Anodized

Cap Style [9]

Standard Lens:
C1 - Flush
C2 - Regress Lens
C2L - Regress Lens, Long
C3 - Regress Lamp
C4 - 45° Angled
C4L - 45° Angled, Long

Flush Lens:
C1F - Flush
C2F - Regress Lens
C2LF - Regress Lens, Long
C3F - Regress Lamp
C4F - 45° Angled
C4LF - 45° Angled, Long

Style
S1 - Straight
S2 - 180° U-Bend (12" to 42" stems)
S3 - 90° Gooseneck (up to 30" stem)

Stem [1]
3 - 3"
6 - 6"
12 - 12"
18 - 18"
24 - 24"
30 - 30"
36 - 36"
42 - 42"
48 - 48"

Mount [2]

Low Voltage Mounts (Remote Transformer Required):
MO3 - Round Canopy
MO15 - Square Canopy
MO12 - Surface Mount Canopy

Line Voltage Mounts (Integral Transformer):
MO12-75-120 - MO12 w/ 75W, 120V
MO12-75-230 - MO12 w/ 75W, 230V [5]
MO12-75-277 - MO12 w/ 75W, 277V [5]

Dual Driver Mounts (Remote Driver COB LED only):
MO13-2X15-UNV-350-TRI - MO13 w/ Dual 15W, 120-277V,350mA

Light Engine [8,9]

MR16 Halogen:
0 - None (lamp by others)

Retrofit MR16 LED: [3,5]
155 - 7.5W, 600lm, 90CRI, 3000K, 10°
156 - 7.5W, 600lm, 90CRI, 3000K, 25°
157 - 7.5W, 600lm, 90CRI, 3000K, 36°

Amber MR16 LED (Turtle Safe): [5]
AM1 - 5W, 380lm, 85CRI, 30°, Turtle Safe Amber [4]

Integral Driver COB LED: [5,6]
LE2 - XXXX - X - XX - XX

Lumen Output	CRI	CCT	Optics
0400 - 4W, 400lm	8 - >80	27 - 2700K	15 - 15° 55 - 55°
0700 - 8W, 700lm	9 - >90	30 - 3000K	24 - 24° 65 - 65°
1000 - 8W, 1000lm		35 - 3500K	36 - 36°
		40 - 4000K	

Remote Driver COB LED (requires Driver Mount): [7]
C02 - X - XX - XX

CRI	CCT	Optics
8 - >80	27 - 2700K	15 - 15° 55 - 55°
9 - >90	30 - 3000K	24 - 24° 65 - 65°
	35 - 3500K	36 - 36°
	40 - 4000K	

Lens Accy [4,9]
0 - None
L1 - Spread
L2 - Linear
L3 - Softening

Louver [4,9]
0 - None
H1 - Hex

Notes:
1. Other stem lengths available upon request. Contact Vision3.
2. See mount specification sheets for mount details.
3. Use only approved 7.5W Retrofit MR16 LED lamps and supplied heat sink mount, otherwise LED may overheat.
4. AM1 Turtle Safe Amber LED can only be specified with 1 lens accessory.
5. 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).
6. Integral Driver COB LED Light Engine options do not require a separately specified remote driver. See specifications above for required voltage input.
7. Remote Driver COB LED Light Engine options must be used with Dual Driver Mounts shown.
8. 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.
9. Cap Style, Light Engine, Lens Accy, and Louver options specified will be used for each head. To use different options for each head, contact Vision3.
10. Specifications, certifications, and ordering information are subject to change. Please check website for latest specification sheets.

Example: SL6A - BN - SM - C1F - S1 - 18 - MO3 - LE2-1000-9-40-65 - L2 - 0