

# LED MINI SWIVEL SERIES

The **LED MINI SWIVEL** delivers bright white light with a lot of punch! The three-watt version is powerful enough to replace small can lights to highlight artwork. The one-watt styles recess into small spaces to make jewelry sparkle and back bars come to life. The LED Mini Swivel Series does not build up heat, keeping displays cool. These are especially useful in commercial recessed applications – save over 90% in running and maintenance costs over incandescent cans.



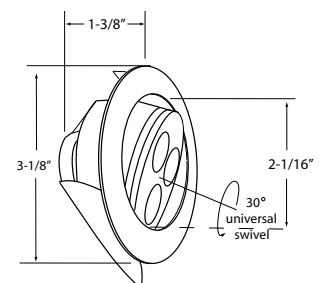
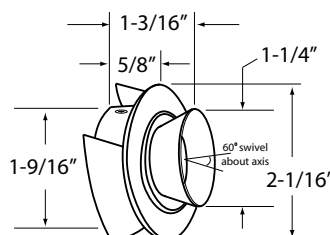
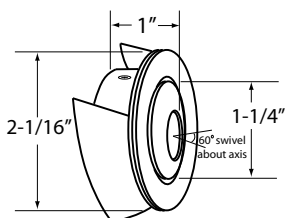
LED Mini Swivel  
shown in Matte Black (BK)



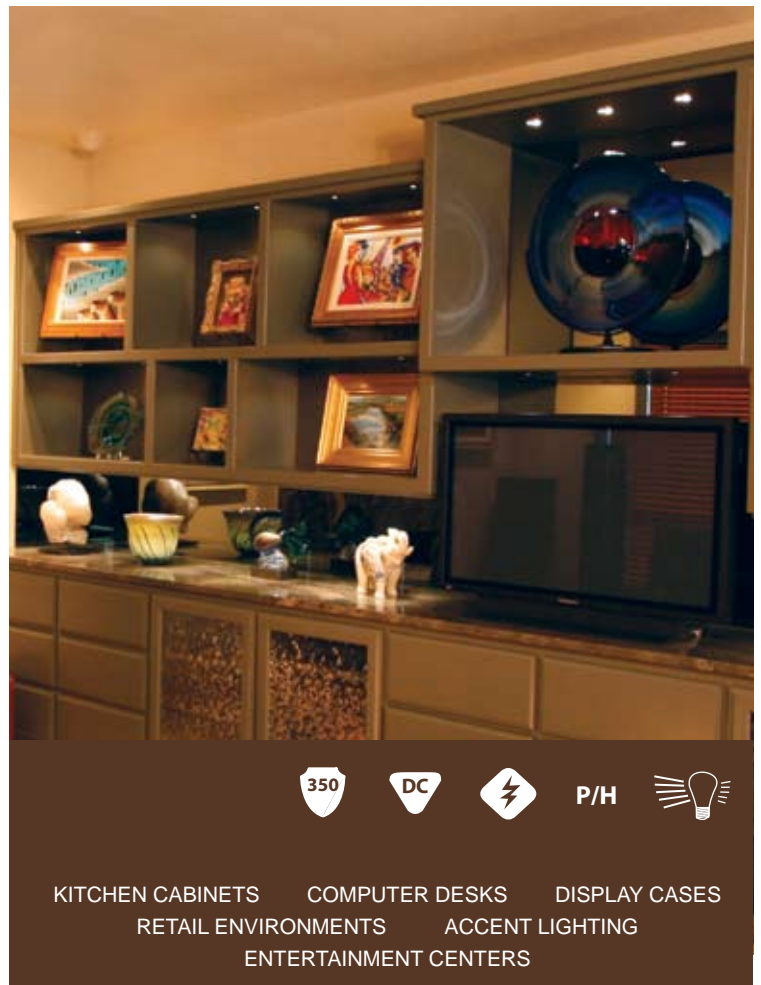
LED Mini Visor  
shown in Satin Aluminum (AL)



LED 3-watt Swivel  
shown in White (WH)



[www.americanlighting.com](http://www.americanlighting.com)



## FEATURES

- Bright white 3100°K LED light with high color rendering
- Powerful point source of light that swivels to direct light where you need it
- Produces minimal heat – helps keep displays cool
- Recess mount in sheetrock, wood and other materials
- Easy installation – no lamps to replace
- Save energy – available in 1.25 watts and 3.75 watts
- No harmful ultraviolet (UV) rays
- Link up to 18 watts to one power supply
- Long life LEDs (up to 60,000 hours)
- Dimmable

## FIXTURES



**LMS**  
LED Mini Swivel

**AL** = Satin Aluminum  
**BK** = Matte Black  
**WH** = White



**LMV**  
LED Mini Visor

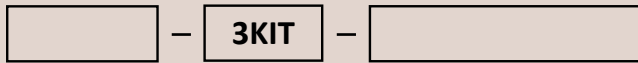
**AL** = Satin Aluminum  
**BK** = Matte Black  
**WH** = White



**LMS-3**  
LED 3-Watt Swivel

**AL** = Satin Aluminum  
**BK** = Matte Black  
**WH** = White

## THREE LIGHT KITS

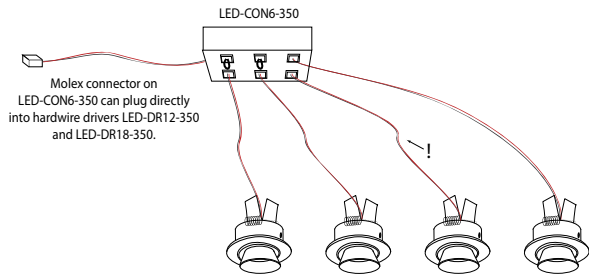


**LMS**  
**LMV**  
**LMS-3**

Kit of 3

**AL** = Satin Aluminum  
**BK** = Matte Black  
**WH** = White

## INSTALLATION EXAMPLE



! To add additional lead wire length to a light, splice in wire here (16-gauge or better) matching polarity.

## BILL OF MATERIALS

See installation example below and accessories list on page 75 for assistance in determining a bill of materials.

- Determine total number and types to be used for the application
- Add up total wattage to determine how many drivers will be needed
- Order one LED-DR10-350PI (plug-in) or LED-DR10-350 (hardwire) for each set of 8 LEDs or less
- For hardwire installations order one LED-DR12-350 for each run up to 9 LEDs; order one LED-DR18-350 for each run up to 17.5 watts; order one LED-DR18-350D for each run of 3-12 LEDs and/or for applications where dimmability is important
- Order LED-CON2-350 (or other series connector with enough ports in the same quantity as Mini Swivels)
- Order one TL-CONBLK2 and one FSL-BOX for each plug-in driver (LED-DR10-350PI)

Bill of materials for installation example below:

- (4) LMV-AL
- (1) LED-CON6-350
- (1) LED-DR10-350

## ACCESSORIES

The LED Mini Swivel Series uses the same accessories and series wiring configuration as the LED Bullet. See page 75 for required drivers and power connection accessories.



Each LMV and LMS Mini Swivel light includes two optical lenses (optics). The one that is installed in the fixture is a spot (25° beam angle). If needed, the spot can be replaced with the 80° optic to create a flood. The LMS-3 style is equipped with 25° optics only.

## TECHNICAL SPECIFICATIONS

Voltage	350mA, 50/60Hz DC operation
Construction	Die-cast aluminum alloy housing and heat sink, stainless steel clips
Dimensions	For LMS: H = 1/8" (recessed profile), Dia = 2-1/16", For LMV: H = 1/2" (recessed profile), Dia = 2-1/16"
Mounting	Recessed only
Diameter	For LMS-3: H = 3/32" (recessed profile), Dia = 3-1/8"
Lead wires	38" length, 24AWG with 350mA molex connector for series wiring configuration
Switching	Use switched outlet to control On/Off functions
Cut-out	For LMS and LMV: 1-7/8" hole size, for LMS-3: 2-3/4" hole size
Wattages	LMS and LMV = 1.25 watts; LMS-3 = 3.75 watts
Maximum run	17.5 watts (14 LEDs) with LED-DR18-350
LED specs	50,000 hour rated life, 350mA, high power (1-watt) LED, 3100°K, 85 CRI, 25° beam angle
Dimmers	Dimmable only with LED-DR18-350D; see <a href="http://www.americanlighting.com">www.americanlighting.com</a> for dimmer compatibility (driver cut sheet)
Diffuser	All styles have clear acrylic lens covers installed with a beam angle of 25°. For LMS and LMV styles, an additional optional prismatic lens cover is included that can be replaced to change the beam angle to 80°
Swivel	LMS and LMV swivel about an axis, up to 90° and 30° respectively; LMS-3 has a universal swivel capability up to 30°