



Modern Series 6 LED Recessed Light for Flat or Sloped Ceilings - Ultra Bright (18W)

MODEL: AL-RL-M-6-U

DESCRIPTION

aspectLED's Modern Series Recessed Lighting brings a sleek and modern look to your lighting design. Our recessed lights are bright, energy efficient, and attractively styled, making them perfect for virtually any residential or commercial application.

At 3" tall, these recessed lights can fit into tight spaces that a traditional recessed can light can't, such as ceilings with ductwork/piping/obstructions, hot-roof ceilings with limited vertical clearance, and tight soffits.

These lights feature an easily adjustable LED face that can be pointed straight downward, making them compatible with sloped ceilings (up to 6/12 pitch). They also make perfect art spotlights or wall accent lights, as they can also be installed in flat ceilings and adjusted to point at walls, artwork, or sculptures.

CERTIFICATIONS



PHYSICAL DIMENSIONS + SPECIFICATIONS

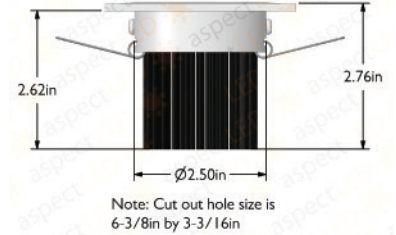
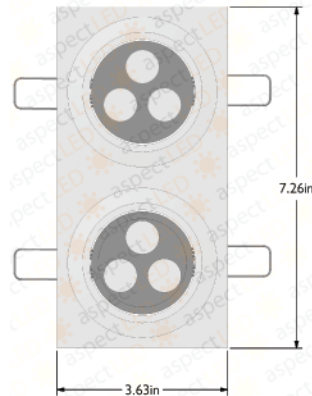
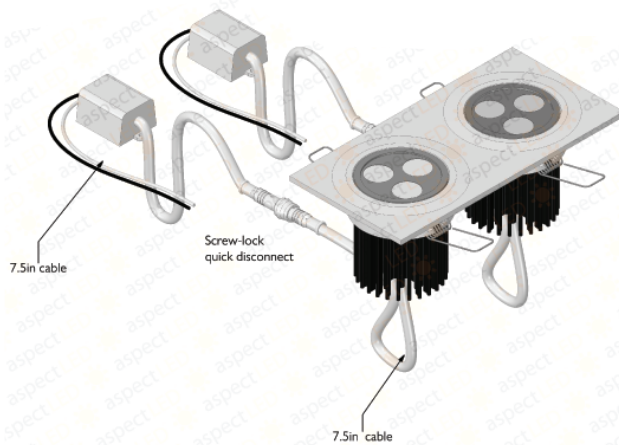
	12VDC	24VDC	120VAC
Light Fixture Dimensions	6-3/4" (172mm) Long 3-5/8" (92mm) Wide 3" (76mm) Tall	6-3/4" (172mm) Long 3-5/8" (92mm) Wide 3" (76mm) Tall	6-3/4" (172mm) Long 3-5/8" (92mm) Wide 3" (76mm) Tall
External LED Driver Dimensions	2" (51mm) long 1" (25.5mm) wide 7/8" (22mm) tall	2" (51mm) long 1" (25.5mm) wide 7/8" (22mm) tall	2-1/4" (57mm) diameter 1-1/16" (27mm) tall
Cut-Out Hole Size	6-3/8" (162mm) Long 3-3/16" (80mm) Wide	6-3/8" (162mm) Long 3-3/16" (80mm) Wide	6-3/8" (162mm) Long 3-3/16" (80mm) Wide
LED Driver Input Voltage	12VDC	24VDC	120VAC
Dimmable	Yes	Yes	Yes
Nominal Power Consumption	18 Watts	18 Watts	18 Watts
Max Luminous Flux of LED Array	Up to 1340 Lumens	Up to 1340 Lumens	Up to 1340 Lumens
LED Type	SMD LED Chips	SMD LED Chips	SMD LED Chips
LED Quantity	6-High Power 3 Watt LED	6-High Power 3 Watt LED	6-High Power 3 Watt LED
Fixture Material	High Performance Aluminum Alloy	High Performance Aluminum Alloy	High Performance Aluminum Alloy
Operating Temperature	-4 Degrees Fahrenheit (-20 Celsius) to +122 Degrees Fahrenheit (+50 Celsius)	-4 Degrees Fahrenheit (-20 Celsius) to +122 Degrees Fahrenheit (+50 Celsius)	-4 Degrees Fahrenheit (-20 Celsius) to +122 Degrees Fahrenheit (+50 Celsius)
Weight	1.6 lbs	1.6 lbs	1.8 lbs
Estimated Lifespan	Up to 50,000 hours	Up to 50,000 hours	Up to 50,000 hours
Warranty	3 Years	3 Years	3 Years
IC Rated	IC Rated for direct contact with insulation	IC Rated for direct contact with insulation	IC Rated for direct contact with insulation
Suitable Uses	Dry or Damp Locations	Dry or Damp Locations	Dry or Damp Locations
Compatible Power Supplies	Dimmable Power Supplies and Non-Dimmable Power Supplies; Never use with MLV power supplies!	Dimmable Power Supplies and Non-Dimmable Power Supplies; Never use with MLV power supplies!	No Power Supply Needed (Driver included with light)
Standards/Certifications	RoHS	RoHS	RoHS

For general information purposes only. Specifications, dimensions and construction subject to change without notice.

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DIMENSIONS



SKU BUILDER

Model Number

AL-RL-M-6-U

Voltage

12VDC
24VDC
120VAC

LED Color

Warm White - WW
Cool White - CW
Day White - DW
Blue - B
Green - G
Red - R
Yellow - Y

Trim Color

Satin Nickel - SN
White - WT
Dark Bronze - DB
Brass - BS

Beam Angle

Flood Light (60°)
Spot Light (15°)

ACCESSORIES

☐ Rough-In Plate/Bracket for Round/Modern Series Recessed LED Lights
SKU: AL-RL-RP-M6

☐ Extension Cable for Recessed LED Light
SKU: AL-RL-EXT

☐ 60 Watt LED Power Supply
SKU: AL-PS-W-60

☐ 60W Dimmable LED Power Supply
SKU: AL-PS-W-D-60-24V

PHOTOMETRICS

*Cool white tested. Light output may vary by color temperature.

Beam Dia at 50% CBCP (inches)	Field Dia at 10% CBCP (inches)	Foot-candles at center beam	Lux at center beam	Distance from fixture
15° / 60°	15° / 60°	15° / 60°	15° / 60°	
14.2" / 16.8"	22.4" / 21.2"	1209.4 / 583.7	1,3017.9 / 6,282.9	2ft
16.2" / 18.5"	27.6" / 31.6"	554.9 / 265.0	5,972.9 / 2,852.4	3ft
17.2" / 29.5"	35.1" / 48.4"	294.6 / 140.6	3,171.0 / 1,513.4	4ft
18.2" / 32.6"	45.1" / 55.5"	190.6 / 88.6	2,051.6 / 953.7	5ft
21.4" / 41.3"	54.2" / 68.7"	135.7 / 64.0	1,460.7 / 688.9	6ft
24.3" / 48.9"	66.4" / 88.4"	71.3 / 35.6	767.5 / 383.2	8ft

The beam angle is the angle at which light exits your light fixture. The larger the number, the wider the beam of light that is emitted from the light fixture. This chart shows a 15 and 60 degree beam angle option.

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