

## 4.2" LED RECESSED LIGHT

6 LED (6W)

**MODEL: AL-RL-S-42-6**



### Description

At under 2" tall, our 4.2" round LED recessed light 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). Our slope ceiling recessed lights 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.

[Learn more](#)

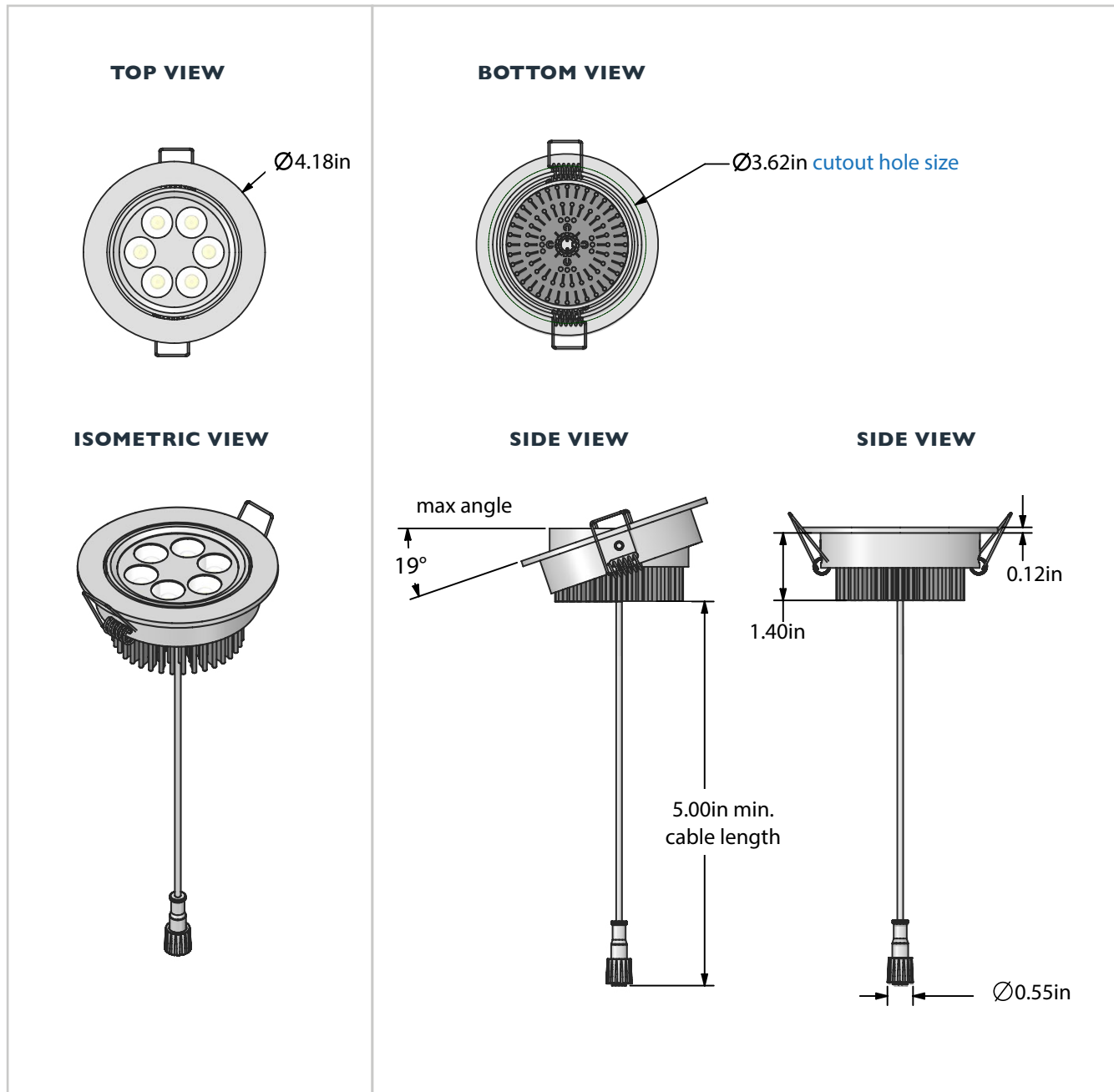


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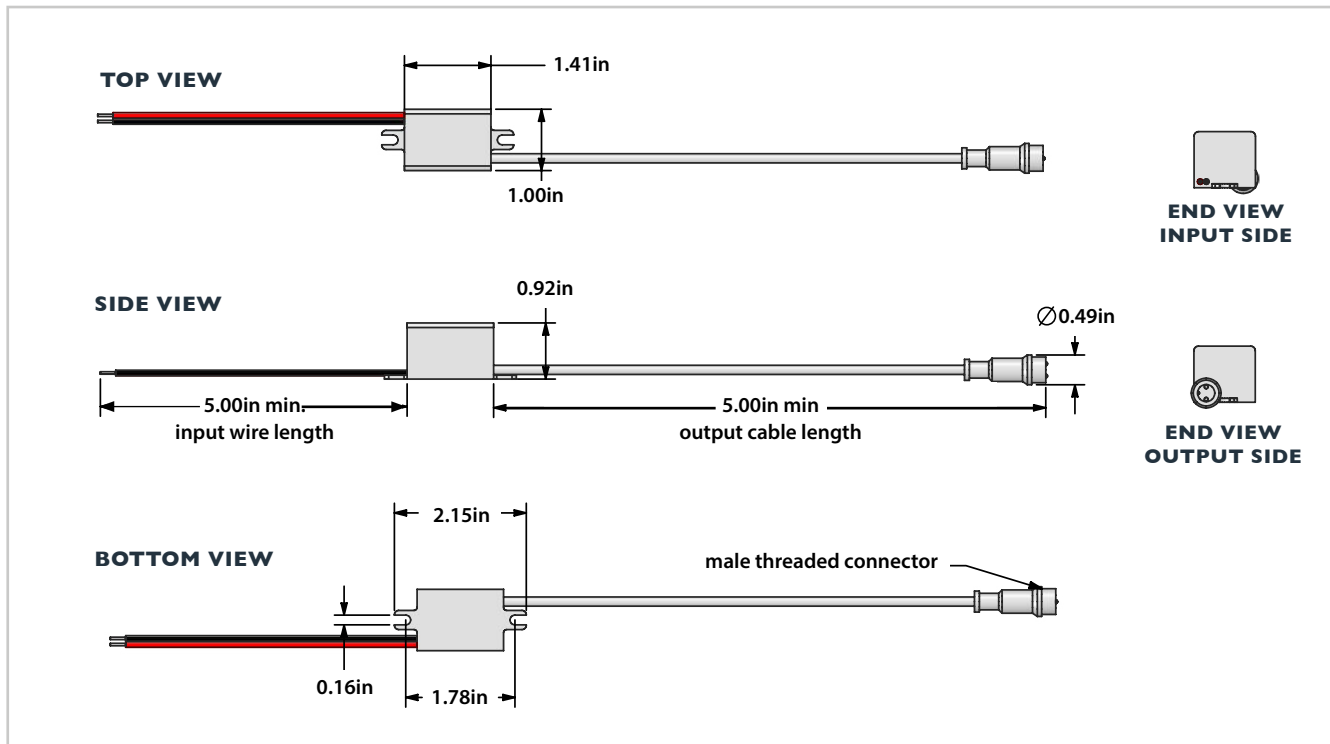
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	12VDC	24VDC	120VAC
<b>Light Fixture Dimensions</b>	4-3/16" (106mm) diameter 1-9/16" (40mm) tall	4-3/16" (106mm) diameter 1-9/16" (40mm) tall	4-3/16" (106mm) diameter 1-9/16" (40mm) tall
<b>External LED Driver Dimensions</b>	1-7/16" (36mm) long 1" (25.5mm) wide 15/16" (23mm) tall	1-7/16" (36mm) long 1" (25.5mm) wide 15/16" (23mm) tall	5" (127mm) long 2-1/2" (64mm) wide 1-1/2" (38mm) tall
<b>Cut-Out Hole Size</b>	3-5/8" (92mm) diameter	3-5/8" (92mm) diameter	3-5/8" (92mm) diameter
<b>Sloped Ceilings Angle Range</b>	Up to 6/12 pitch, adjustable to 19°	Up to 6/12 pitch, adjustable to 19°	Up to 6/12 pitch, adjustable to 19°
<b>LED Driver Input Voltage</b>	12VDC	24VDC	120VAC
<b>Dimmable</b>	Yes	Yes	Yes
<b>Nominal Power Consumption</b>	6 Watts	6 Watts	6 Watts
<b>Max Luminous Flux of LED Array</b>	Up to 620 Lumens (varies by LED color)	Up to 620 Lumens (varies by LED color)	Up to 620 Lumens (varies by LED color)
<b>LED Type</b>	SMD LED Chips	SMD LED Chips	SMD LED Chips
<b>LED Quantity</b>	6 - High Power 1 Watt LEDs	6 - High Power 1 Watt LEDs	6 - High Power 1 Watt LEDs
<b>Fixture Material</b>	High Performance Aluminum Alloy	High Performance Aluminum Alloy	High Performance Aluminum Alloy
<b>Weight</b>	0.5 lbs	0.5 lbs	0.7 lbs
<b>Estimated Lifespan</b>	Up to 50,000 hours	Up to 50,000 hours	Up to 50,000 hours
<b>Warranty</b>	3 Years	3 Years	3 Years
<b>IC Rated for Insulation Contact</b>	Yes	Yes	Yes
<b>Suitable Uses</b>	Dry, Damp or Wet Locations	Dry, Damp or Wet Locations	Dry, Damp or Wet Locations
<b>Compatible Power Supplies</b>	Dimmable Power Supplies, Non-Dimmable Power Supplies (Never use with MLV power supplies!)	Dimmable Power Supplies, Non-Dimmable Power Supplies (Never use with MLV power supplies!)	No Power Supply Needed (Driver included with light)
<b>Standards/Certifications</b>	UL Listed, cUL Listed, RoHS	UL Listed, cUL Listed, RoHS	UL Listed, cUL Listed, RoHS

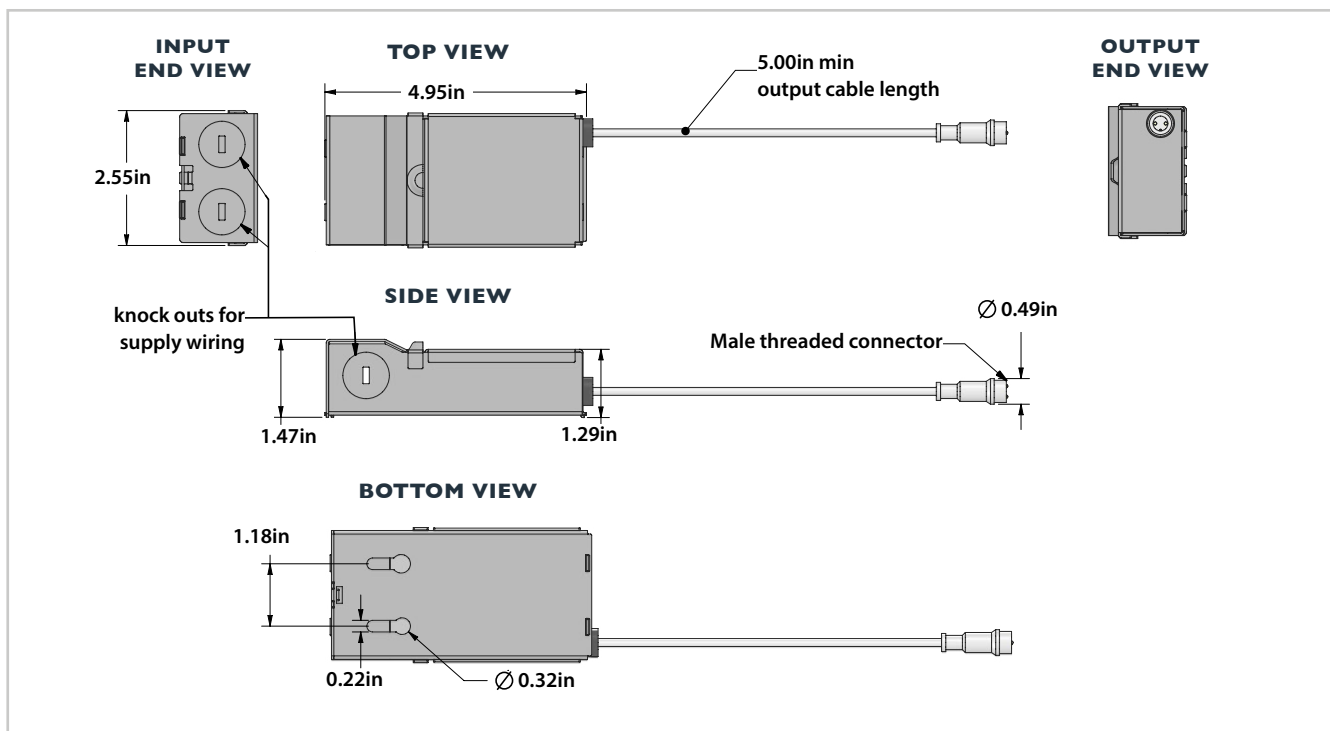
## Light Fixture Dimensions



## 12VDC and 24VDC Driver Dimensions



## 120 VAC Driver Dimensions



**4.2" LED RECESSED LIGHT**  
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## Photometrics

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°	
7.5" / 12.0"	13.3" / 22.5"	864.2 / 372.2	9302.2 / 4006.3	2ft
11.0" / 15.5"	20.5" / 36.5"	384.4 / 162.0	4137.6 / 1743.7	3ft
15.5" / 23.5"	27.0" / 45.5"	216.2 / 92.2	2327.2 / 992.4	4ft
18.0" / 32.0"	33.0" / 56.0"	134.4 / 59.6	1446.6 / 641.5	5ft
21.3" / 34.5"	38.0" / 69.5"	97.4 / 40.6	1048.4 / 437.01	6ft
29.5" / 51.0"	54.5" / 94.5"	52.8 / 23.4	568.3 / 251.9	8ft

Light measurements may vary by color temperature and many other factors. 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.

## Accessories

**Rough-In Plate/Bracket for Round/Modern Series Recessed LED Lights**  
 SKU: AL-RL-RP-R42



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



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



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



## SKU Builder

**MODEL #:**

AL-RL-S-42-6

**VOLTAGE:**

12VDC  
 24VDC  
 120VAC

**LED LIGHT COLOR:**

WW - Warm White  
 CW - Cool White  
 DW - DayWhite  
 B - Blue  
 G - Green  
 R - Red  
 Y - Yellow/Amber

**TRIM COLOR:**

SN - Satin Nickel  
 WT - White  
 DB - Dark Bronze  
 BK - Black  
 BS - Brass  
 CH - Chrome

**BEAM ANGLE:**

60 - Flood Light (60°)  
 15 - Spot Light (15°)