

## 3.5" LED RECESSED LIGHT

Ultra Bright (9W)

**MODEL: AL-RL-S-35-U**



### Description

At under 3" tall, our 3.5" 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](#)

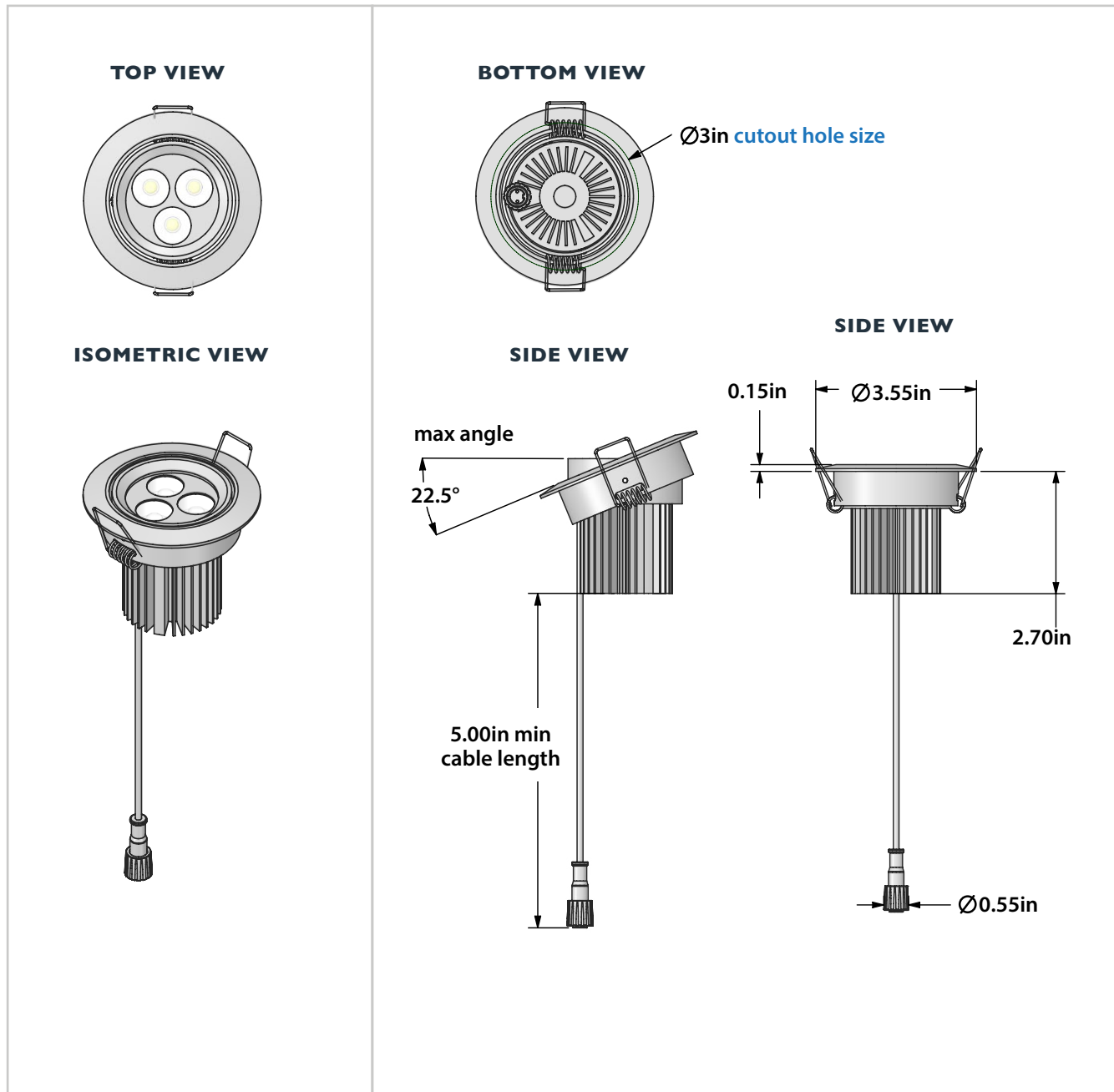


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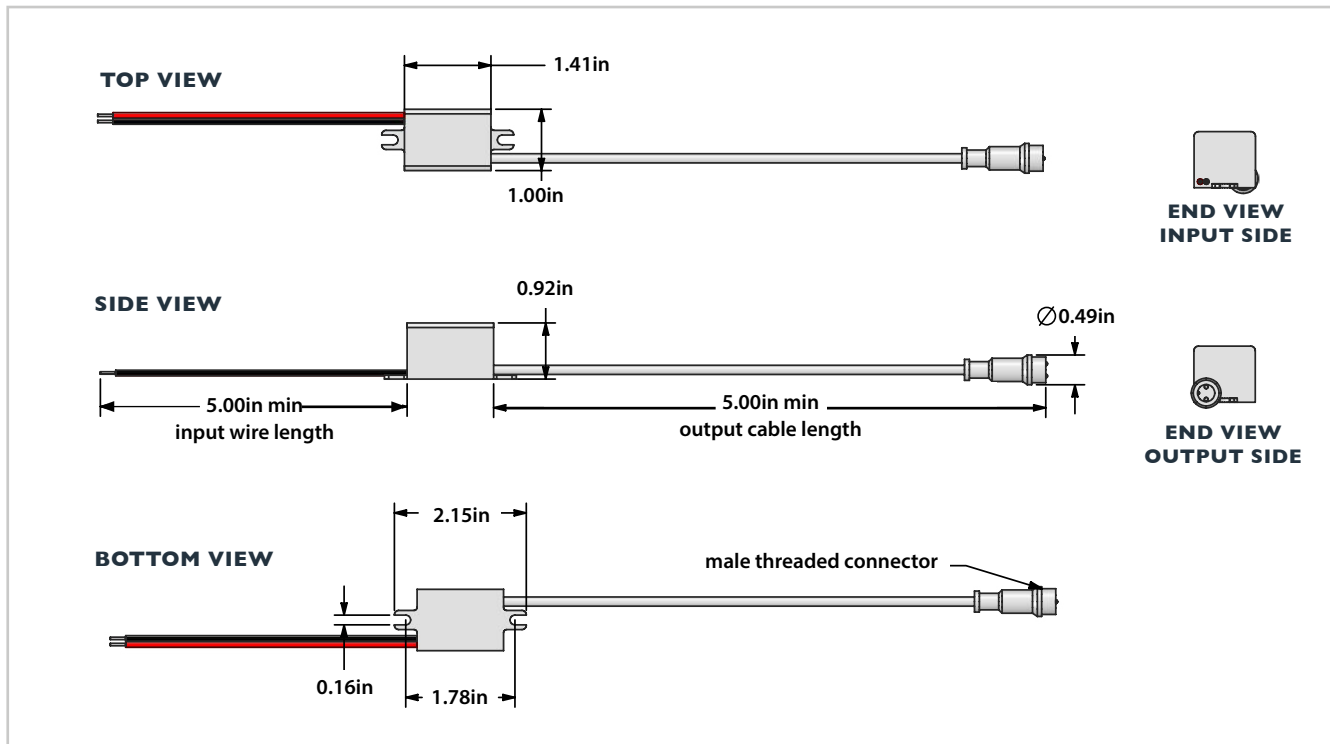
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	12VDC	24VDC	120VAC
<b>Light Fixture Dimensions</b>	3-9/16" (90mm) diameter 2-3/4" (70mm) tall	3-9/16" (90mm) diameter 2-3/4" (70mm) tall	3-9/16" (90mm) diameter 2-3/4" (70mm) tall
<b>External LED Driver Dimensions</b>	1-7/16" (36mm) long 1" (25.5mm) 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" (76mm) diameter	3" (76mm) diameter	3" (76mm) diameter
<b>Sloped Ceilings Angle Range</b>	Up to 6/12 pitch, adjustable to 22.5°	Up to 6/12 pitch, adjustable to 22.5°	Up to 6/12 pitch, adjustable to 22.5°
<b>LED Driver Input Voltage</b>	12VDC	24VDC	120VAC
<b>Dimmable</b>	Yes	Yes	Yes
<b>Nominal LED Wattage</b>	9 Watts (3 - 3 watt LEDs)	9 Watts (3 - 3 watt LEDs)	9 Watts (3 - 3 watt LEDs)
<b>LED Type</b>	High Power 3W LED Chips	High Power 3W LED Chips	High Power 3W LED Chips
<b>Max Delivered Scotopic Luminous Flux</b>	1,195 Lumens (varies by LED color)	1,195 Lumens (varies by LED color)	1,195 Lumens (varies by LED color)
<b>Max Delivered Photopic Luminous Flux</b>	566 Lumens (varies by LED color)	566 Lumens (varies by LED color)	566 Lumens (varies by LED color)
<b>Average Continuous Power Consumption After Startup</b>	6.096 Watts	6.096 Watts	6.096 Watts
<b>Luminous Efficiency (Lumens per Watt)</b>	92.84 Lumens/Watt (varies by LED color)	92.84 Lumens/Watt (varies by LED color)	92.84 Lumens/Watt (varies by LED color)
<b>Fixture Material</b>	High Performance Aluminum Alloy	High Performance Aluminum Alloy	High Performance Aluminum Alloy
<b>Weight</b>	0.6 lbs	0.6 lbs	1.0 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

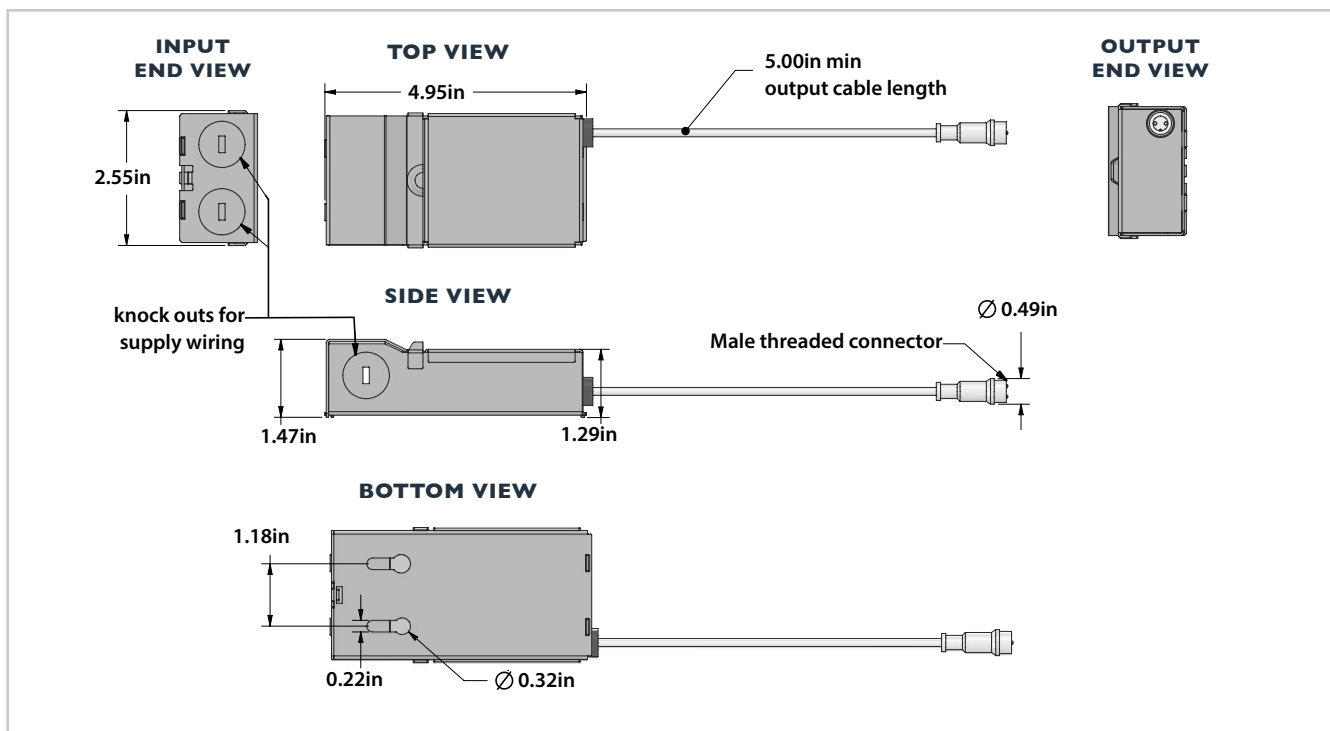
## Light Fixture Dimensions



## 12VDC and 24VDC Driver Dimensions



## 120 VAC Driver Dimensions



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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°	
7.6" / 10.3"	14.1" / 14.0"	906.3 / 419.5	9755.3 / 4515.4	2ft
11.3" / 16.0"	20.0" / 29.5"	399.6 / 208.0	4301.2 / 2238.9	3ft
12.5" / 21.0"	26.0" / 44.5"	220.4 / 106.0	2372.3 / 1140.9	4ft
17.5" / 30.0"	31.5" / 57.5"	142.7 / 65.3	1536.0 / 702.9	5ft
20.0" / 36.5"	37.5" / 66.5"	97.0 / 46.3	1044.1 / 498.4	6ft
26.0" / 45.5"	49.5" / 104.0"	54.1 / 24.8	582.3 / 266.9	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-R3



**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-35-U**

**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°)