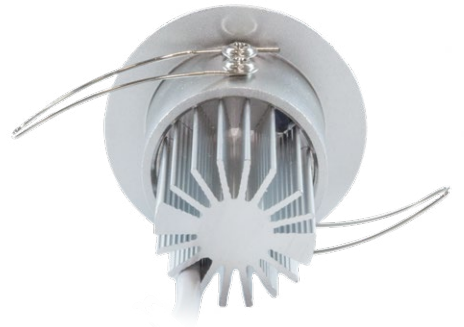


## 2" LED RECESSED LIGHT

Ultra Bright (3W)

**MODEL: AL-RL-D-2-U**



### Description

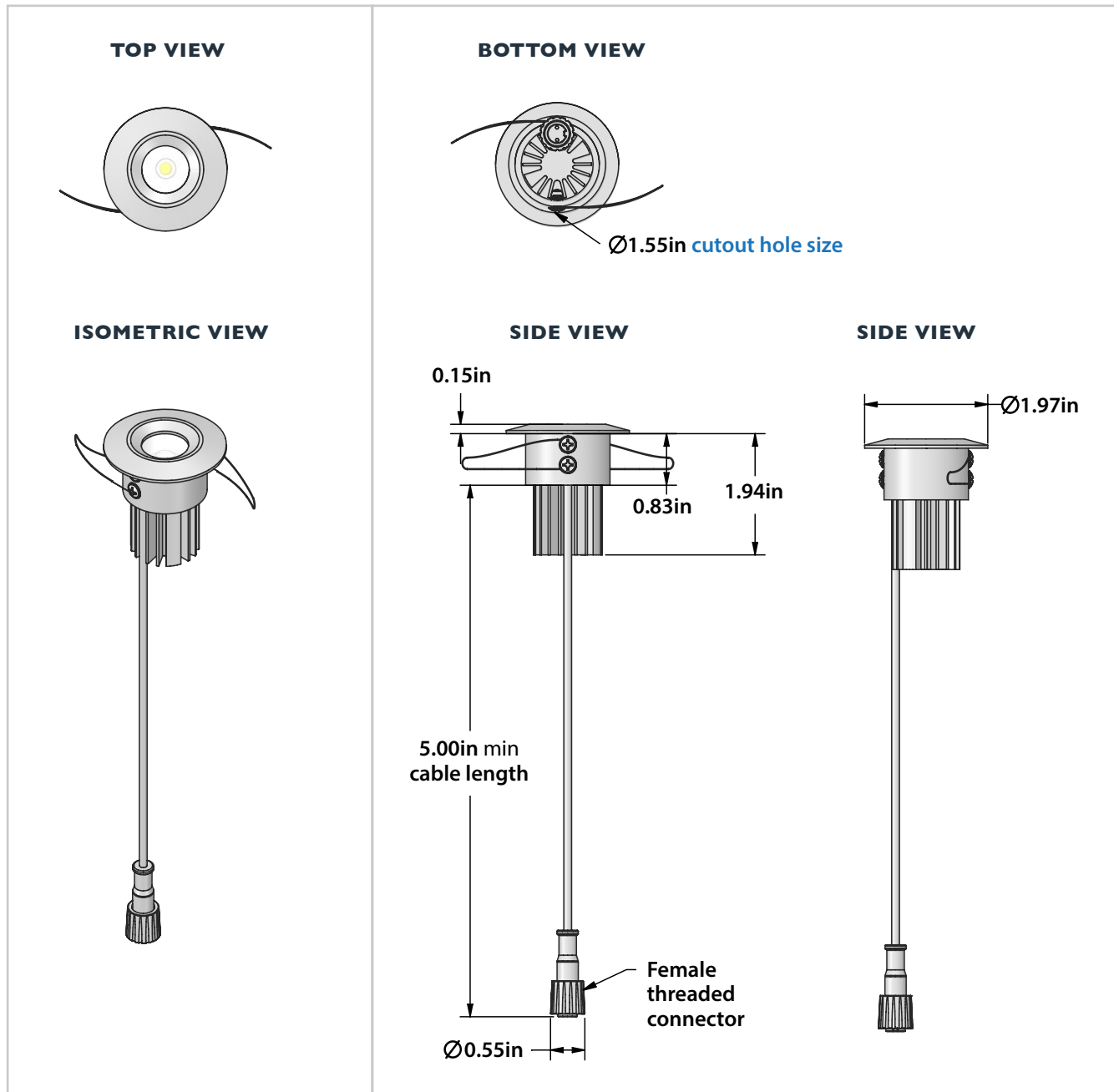
aspectLED's recessed lights are bright, energy efficient, and attractively styled, making them perfect for virtually any residential or commercial application. At under 2" tall, our 2" round LED recessed light can fit into tight spaces that a traditional recessed can light can't, such as ceilings with ductwork/piping/obstructions, hot-roof ceilings with limited vertical clearance, and tight soffits. The LED face of this fixture is fixed and points straight downward. Since it is not adjustable, this fixture is best suited for flat ceilings.

[Learn more](#)

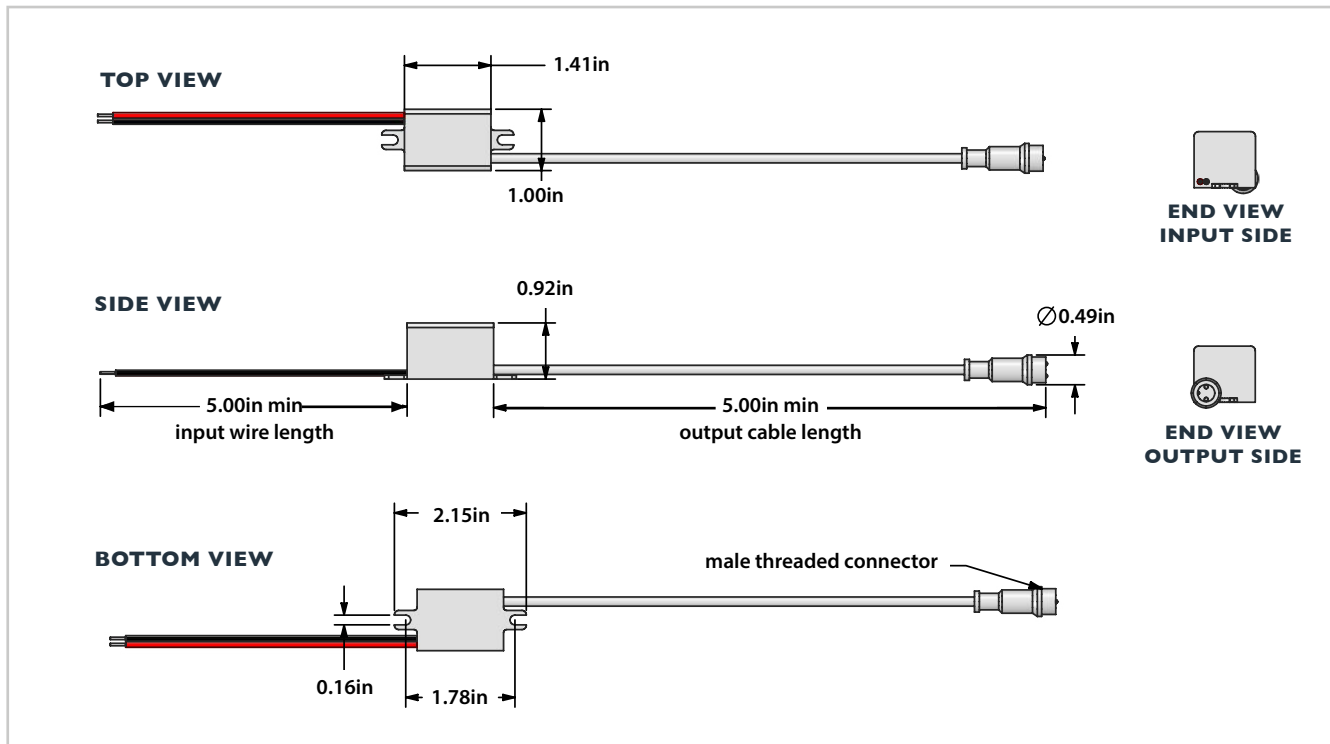


	12VDC	24VDC	120VAC
<b>Light Fixture Dimensions</b>	1-15/16" (49mm) diameter 1-15/16" (49mm) tall	1-15/16" (49mm) diameter 1-15/16" (49mm) tall	1-15/16" (49mm) diameter 1-15/16" (49mm) tall
<b>External LED Driver Dimensions</b>	1-7/16" (36mm) long 1" (25.5mm) wide 15/16" (23mm) tall	1-7/16" (36mm) long 1" (25.5mm) wide 15/16" (23mm) tall	6-3/8" (163mm) long 1-5/8" (42mm) wide 1-1/2" (37mm) tall
<b>Cut-Out Hole Size</b>	1-5/8" (41mm) diameter	1-5/8" (41mm) diameter	1-5/8" (41mm) diameter
<b>LED Driver Input Voltage</b>	12VDC	24VDC	120VAC
<b>Dimmable</b>	No	No	No
<b>Nominal Power Consumption</b>	3 Watts	3 Watts	3 Watts
<b>Max Delivered Scotopic Luminous Flux of LED Array</b>	395 Lumens <i>(varies by LED color)</i>	395 Lumens <i>(varies by LED color)</i>	395 Lumens <i>(varies by LED color)</i>
<b>Max Delivered Photopic Luminous Flux of LED Array</b>	188 Lumens <i>(varies by LED color)</i>	188 Lumens <i>(varies by LED color)</i>	188 Lumens <i>(varies by LED color)</i>
<b>Average Continuous Power Consumption After Startup</b>	2.52 Watts	2.52 Watts	2.52 Watts
<b>Luminous Efficiency (Lumens per Watt)</b>	72.62 Lumens/Watt <i>(varies by LED color)</i>	72.62 Lumens/Watt <i>(varies by LED color)</i>	72.62 Lumens/Watt <i>(varies by LED color)</i>
<b>LED Type</b>	SMD LED Chips	SMD LED Chips	SMD LED Chips
<b>LED Quantity</b>	1-High Power 3 Watt LED	1-High Power 3 Watt LED	1-High Power 3 Watt LED
<b>Fixture Material</b>	High Performance Aluminum Alloy	High Performance Aluminum Alloy	High Performance Aluminum Alloy
<b>Weight</b>	0.25 lbs	0.25 lbs	0.25 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>	Non-dimmable Power Supplies <i>(Never use with MLV power supplies!)</i>	Non-dimmable Power Supplies <i>(Never use with MLV power supplies!)</i>	No Power Supply Needed <i>(Driver included with light)</i>
<b>Standards/Certifications</b>	UL Listed, cUL Listed, RoHS	UL Listed, cUL Listed, RoHS	UL Listed, cUL Listed, RoHS

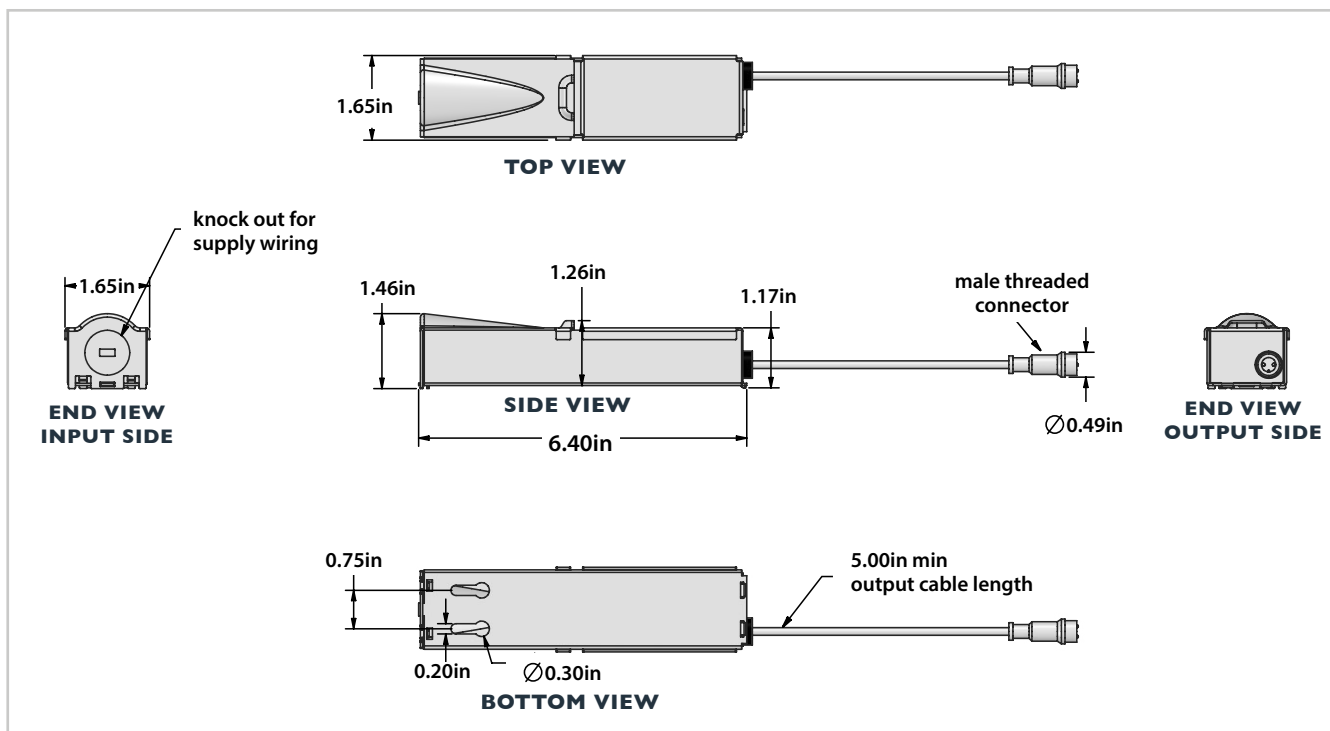
## Light Fixture Dimensions



## 12VDC and 24VDC Driver Dimensions



## 120 VAC Driver Dimensions



**2" LED RECESSED LIGHT**  
MODEL:AL-RL-D-2-U

## 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°	
11.5" / 14.0"	26.5" / 24.0"	104.0 / 115.8	1119.4 / 1246.4	2ft
15.5" / 19.0"	36.0" / 33.5"	49.9 / 49.4	537.1 / 531.7	3ft
22.0" / 28.0"	48.0" / 47.5"	27.2 / 27.3	292.7 / 293.8	4ft
25.5" / 26.5"	58.5" / 57.0"	17.6 / 17.1	1189.4 / 184.1	5ft
32.0" / 41.5"	71.0" / 70.0"	12.4 / 12.1	133.4 / 130.2	6ft
41.0" / 54.0"	100.5" / 106.0"	6.9 / 6.7	74.2 / 72.1	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-R2



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



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



**100 Watt LED Power Supply**  
SKU:AL-PS-W-100



## SKU Builder

MODEL #:

AL-RL-D-2-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°)