

# LG-9041 / LG-9042

## 1" Non-Adjustable Recessed Spotlight LED

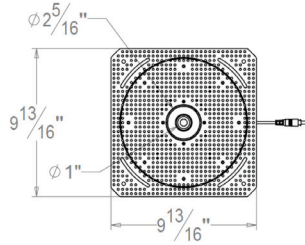
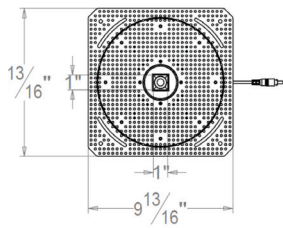


9041 - Square



9042 - Round

L: 9 13/16"  
W: 9 13/16"  
H: 1 5/16"



## Quick Info

Project Information:	Project Name:
Fixture Type:	Location:

## SPOT

### Recessed Spotlight LED

Revolutionary 1" recessed spot light LED. Spot is an ultra-thin, small body luminaire with a height of 1 inch. It is minimum labor with high level aesthetics. It is available in square and round pinhole.

LED lighting engine is high performance, low power that provides outstanding reliability and color quality/consistency. 2700K, 3000K, 3500K, 4000K, 5000K and 6500K color temperatures are available with 90 CRI. Warm dim and tunable white are also available.

- Life Rated for 40,000 hours at 70% lumen maintenance
- All testing reports are based on published industry procedures
- Available in white and black
- 0-10 dimming
- ETL Listed



<b>Application</b> New Construction		
<b>Delivered Lumens</b> 1300 lm/lamp (16W)		<b>Color Quality</b> 90+ CRI
<b>Color Temperature</b> 2700K 3000K 3500K 4000K 5000K 6500K	<b>Warm Dim Option</b> 1800K - 3000K 940 lm (13W)  <b>Tunable White Option</b> 2700K - 6500K 910 lm (13W)	<b>Light Distribution</b> General
<b>Input Voltage</b> 120/277V AC		<b>Dimming (Remote)</b> 0-10, TRIAC, ECO
<b>Trims</b> Acrylic square and round, field changeable		<b>Trim Color</b> Black or White
<b>Housing Ratings</b> IC Rated		<b>Module Ratings</b> Damp Location
<b>Guarantee</b> 40,000 hrs   3 years		

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## Ordering Guide

### PRODUCT CODE

- ☐ 9041 - Square
- ☐ 9042 - Round

### Example Number

LG-9041 M 120V277V 30K 0-10 BL

### Order Number

LG-9041 \_ \_ \_ \_ \_

### MOUNTING PLATE (OPTIONAL)

- ☐ M - Mounting Plate

### MODEL

- ☐ 120v-277v (STANDARD)

### LED OPTIONS

#### COLOR TEMPERATURE

- ☐ 27K - 2700K (16W) 1300 LUM
- ☐ 30K - 3000K (16W) 1300 LUM
- ☐ 35K - 3500K (16W) 1300 LUM
- ☐ 40K - 4000K (16W) 1300 LUM
- ☐ 50K - 5000K (16W) 1300 LUM
- ☐ 65K - 6500K (16W) 1300 LUM

OR

#### ADDITIONAL LEDS

- ☐ WD - Warm Dim (13W) 940 LUM
- ☐ TW - Tunable White (13W) 910 LUM

### BEAM SPREAD

- ☐ 24 °
- ☐ 38 ° (STANDARD)
- ☐ 60 °

### DIMMING OPTION

- ☐ 0 - 10 (STANDARD/REMOTE)
- ☐ T - Triac/ELV (REMOTE)
- ☐ ECO - (Hi - lume Premier 0.1% Eco System LED Driver with Soft-on, Fade-to-black dimming technology) (REMOTE)

### LENS OPTICAL

- ☐ SF - Soft Focus (STANDARD)

### COLOR

- ☐ BL - Black
- ☐ WH - White

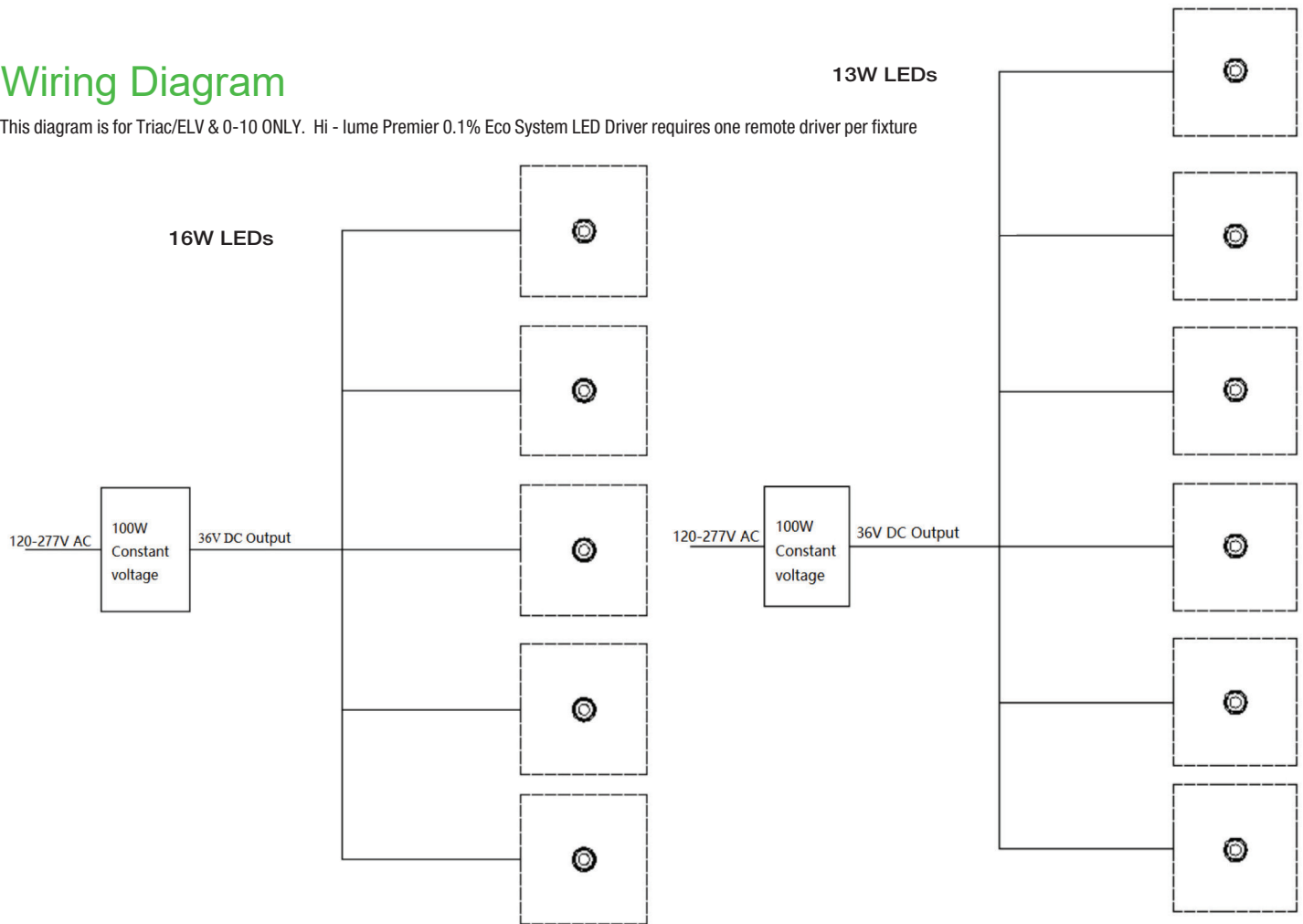
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### Wiring Diagram

This diagram is for Triac/ELV & 0-10 ONLY. Hi - lume Premier 0.1% Eco System LED Driver requires one remote driver per fixture



#### Lamp Body

- Ultra thin, the height of the whole lamp is less than 1 inch
- Ultra small light emitting surface, only 1 inch (Ø25mm)
- All-in-one die casting lamp body with unique appearance
- Double-sided heat dissipation

#### Power Supply

- Wide voltage input 120-277VAC, 50/60 Hz, 0-10V dimming, constant voltage and constant current mode.
- Each luminaire is connected in parallel, one power supply can simultaneously control the use of five 16W lamps or six 13W lamps
- ETL Listed

#### Mounting And Maintenance

- Cut-out dimensions 142\*142mm
- There is no welding between the light source and the power supply
- Can replace the LED according to the demand

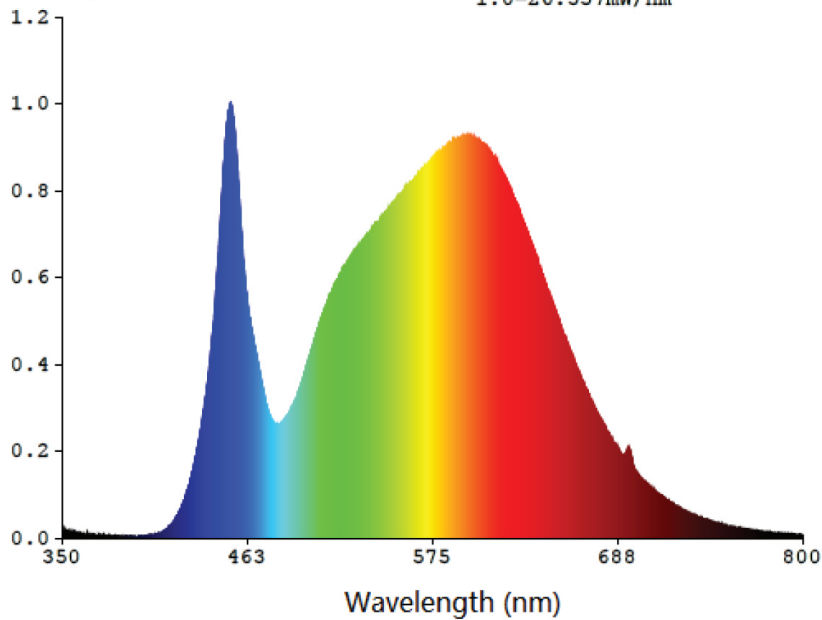
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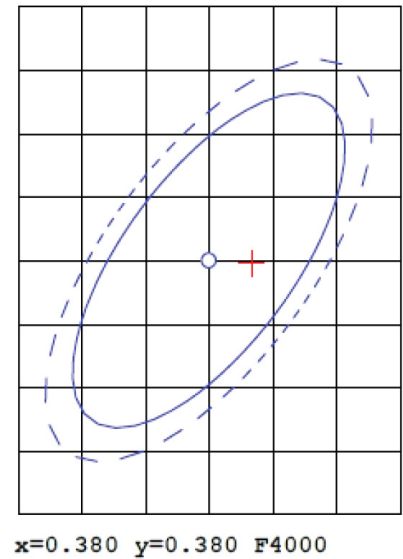
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## Spectrogram

Relative spectrum



Color tolerance 2.2 SDCM



## Line Pressure Drop Reference Table

Drive power supply output line voltage drop reference table (Uout=36V Plamp=16W Voltage drop≤5%)

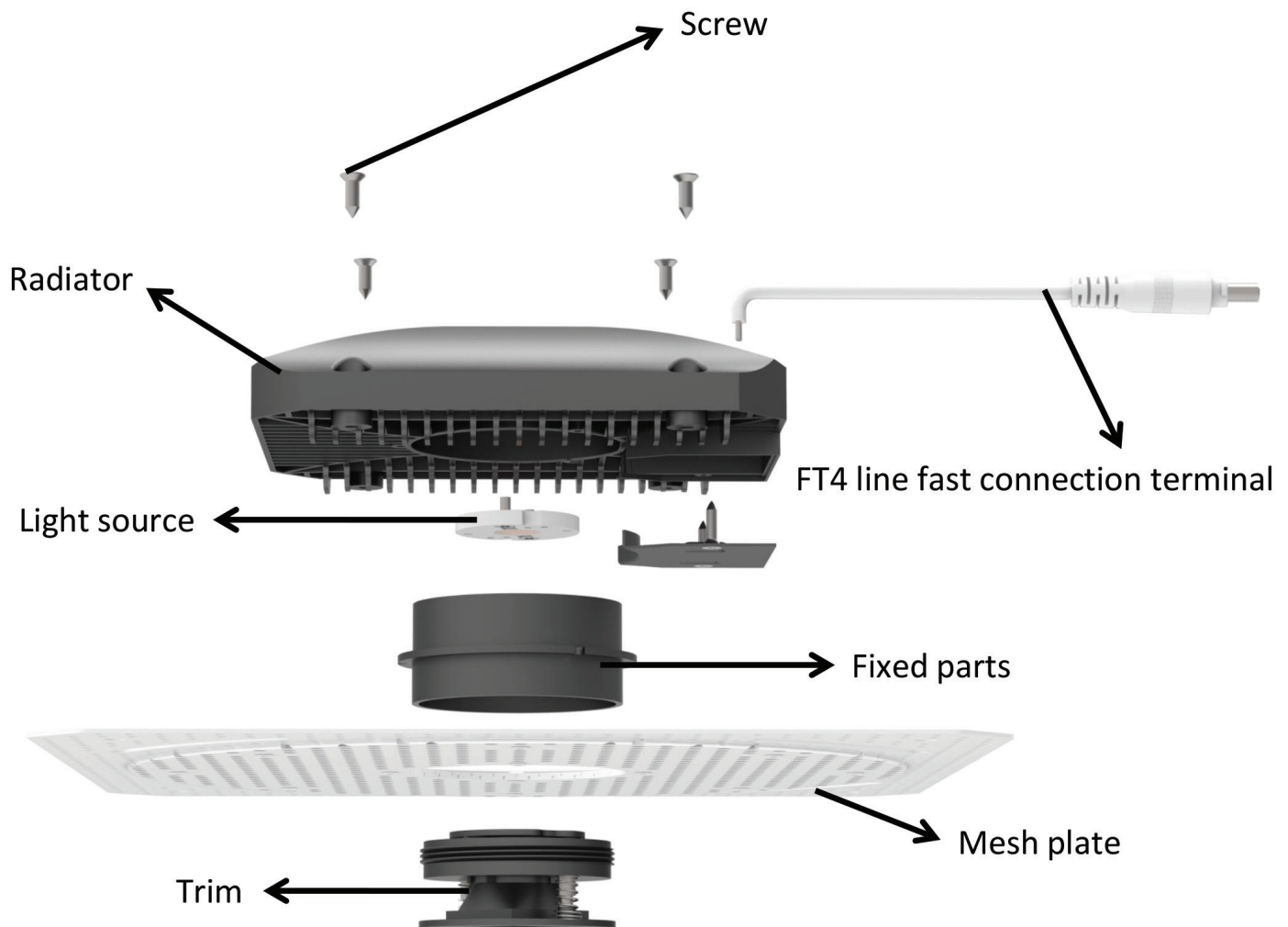
	18AWG	16AWG	14AWG	12AWG	10AWG
1 Light	≤270m	≤450m	≤700m	≤1100m	≤1800m
2 Lights	≤130m	≤220m	≤350m	≤550m	≤900m
3 Lights	≤60m	≤110m	≤170m	≤270m	≤450m
4 Lights	≤30m	≤55m	≤80m	≤130m	≤220m
5 Lights	≤15m	≤25m	≤40m	≤60m	≤110m

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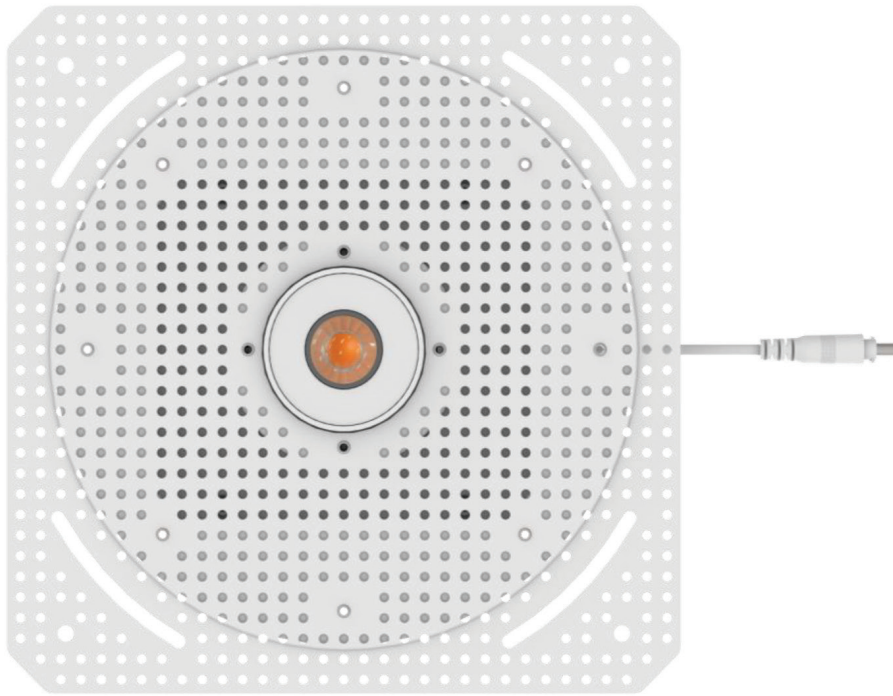


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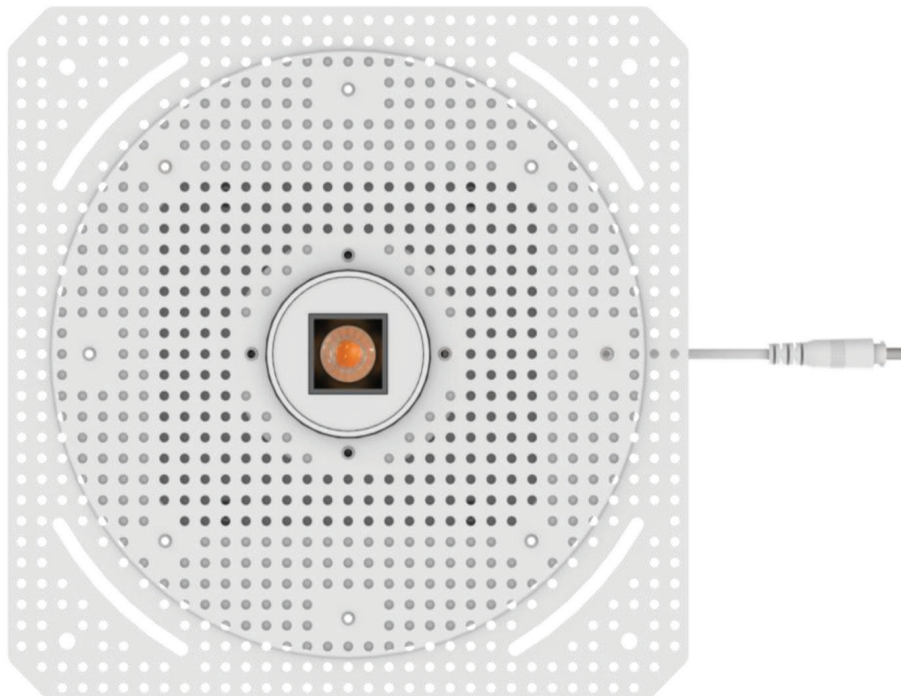
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Round



Square



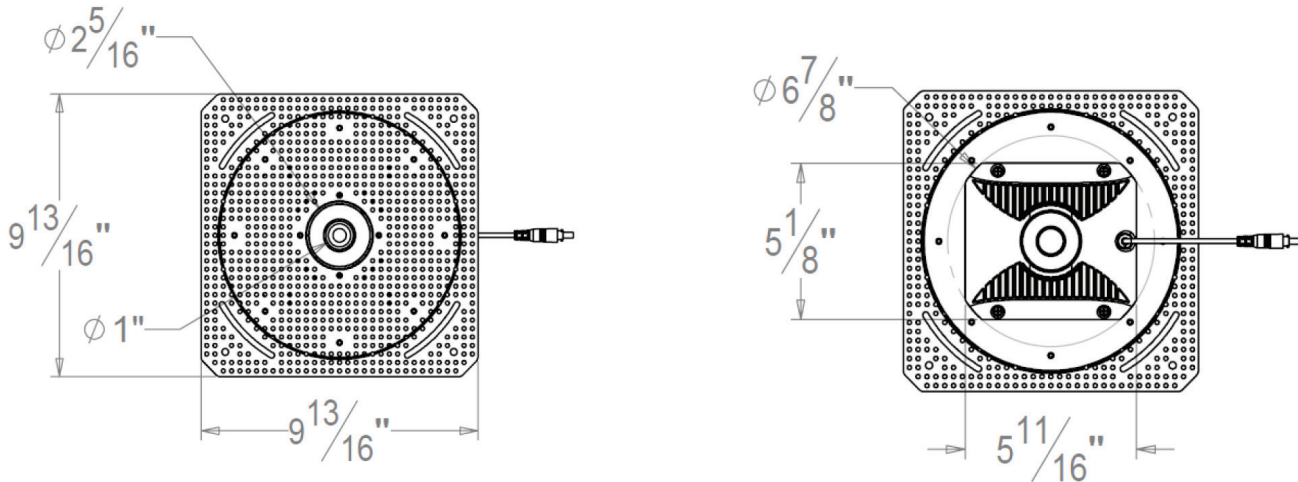
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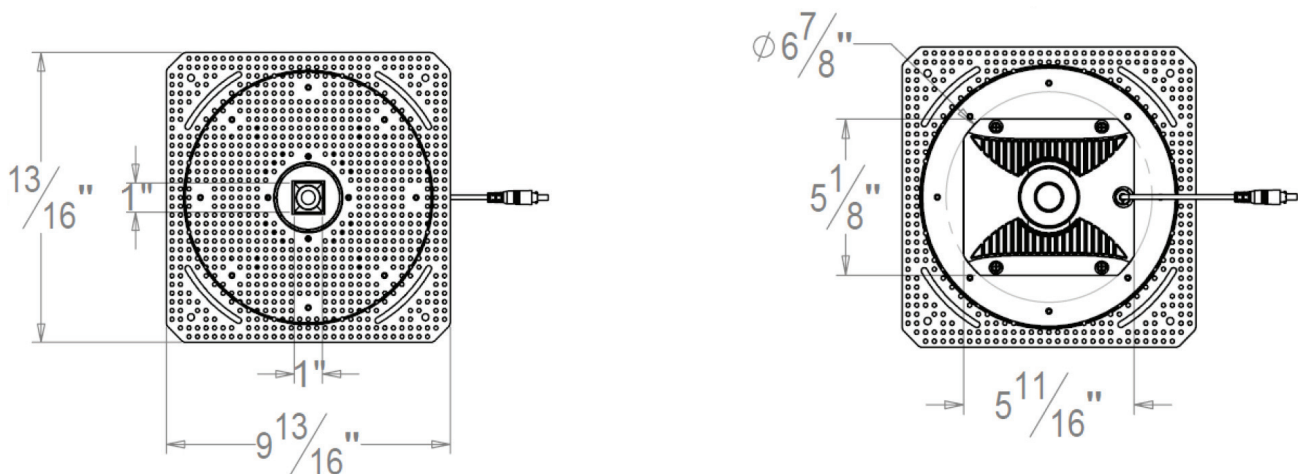
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Dimensions L: 9 13/16"  
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Round



Square



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## Installation Diagram

