LG-5010

Adjustable Spot Head
for Knife Edge

Project Information:	Project Name:
Fixture Type:	Location:

LED FOR 6" OPENING

KNIFE EDGE

Spot Head Lighting

Revolutionary spot head lighting attachment for Knife Edge invisible track light rail system. This versatile spot head has a full range of mobility and is field changeable, allowing for placement adjustments throughout the rail system.

LED lighting engine is high performance, low power that provides outstanding reliability and color quality/consistency. 2700K, 3000K, 3500K, 4000K color temperatures are available with 95 CRI.

- Fixtures are offered with a choice of spot, narrow flood or flood beam pattern
- Life Rated for 40,000 hours at 70% lumen maintenance
- All testing reports are based on published industry procedures

Quick Info

Application	
New Construction / Remodeling	
Delivered Lumens	**Color Quality**
1500 lm (15W) / 3200lm (40W - RGBW only)	95 CRI, 2-step SDCM
Color Temperature	**Light Distribution**
2700K 3000K 3500K 4000K RGBW	General Wall Wash Spot Light
Input Voltage	**Dimming**
120/277V	TRIAC/ ELV
Arm	**Additional Arm Color**
Aluminum material / Black powder coating Arm has full range of mobility	White
Module Ratings	
💧 Damp Location	
Guarantee	**Additional Dimming Options**
40,000 hrs	3 years	0-10 / DALI Dimming / Lutron EcoSystem / DMX (RGBW only)

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1-800-640-1907

Ver-1-1-2020
Design and specifications subject to change without notice.

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Ordering Guide

PRODUCT CODE

LG - 5010

ARM COLOR

☐ B - Black (STANDARD)

☐ W - White

LED OPTIONS

OUTPUT

☐ CL2-15AR111 - 1500 LUM (15W) (STANDARD)

COLOR TEMPERATURE

☐ 27K - 2700K

☐ 30K - 3000K (STANDARD)

☐ 35K - 3500K

☐ 40K - 4000K

OR

OUTPUT (RGBW ONLY)

☐ CL2-25QLG111 - 25W (RGBW only)

☐ CL2-40QLG111 - 3200 LUM 40W (RGBW only)

CRI

☐ 95 - 95 CRI

☐ 90 - 90 CRI (RGBW only)

BEAM SPREAD

☐ 20 °

☐ 40 ° (STANDARD)

LENS OPTICAL

☐ FR - Frosted

☐ MF - Middle Frosted

LENS HOLDER

☐ FLB - Flat Black (STANDARD)

☐ FLWH - Flat White

DIMMING OPTION

☐ T - Triac/ELV (STANDARD)

☐ D - DALI

☐ ECO - (Hi - lume Premier 0.1% Eco System LED Driver with Soft-on, Fade-to-black dimming technology)

☐ 0 - 10

☐ DMX - DMX512 (For RGBW only)

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ACCESSORIES

Frosted

Middle Frosted

Flat (Black or White)
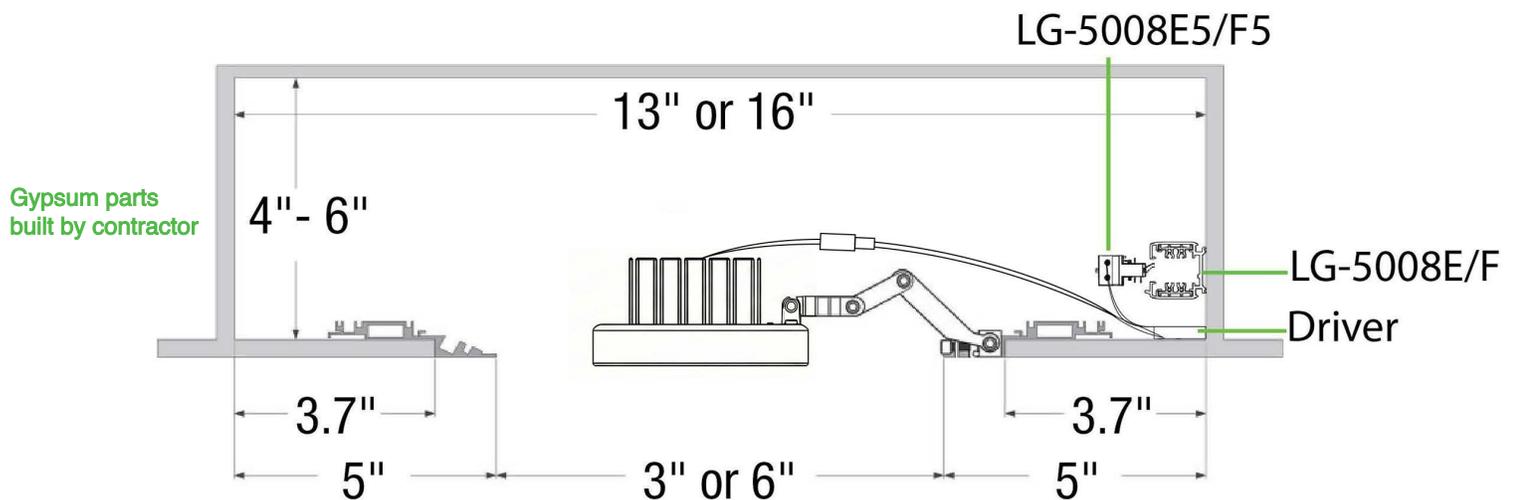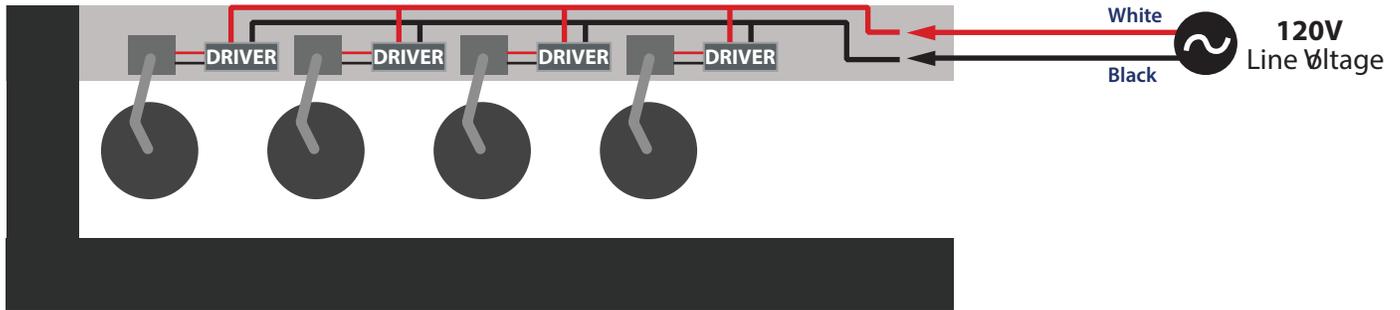
20° Light Beam

40° Light Beam

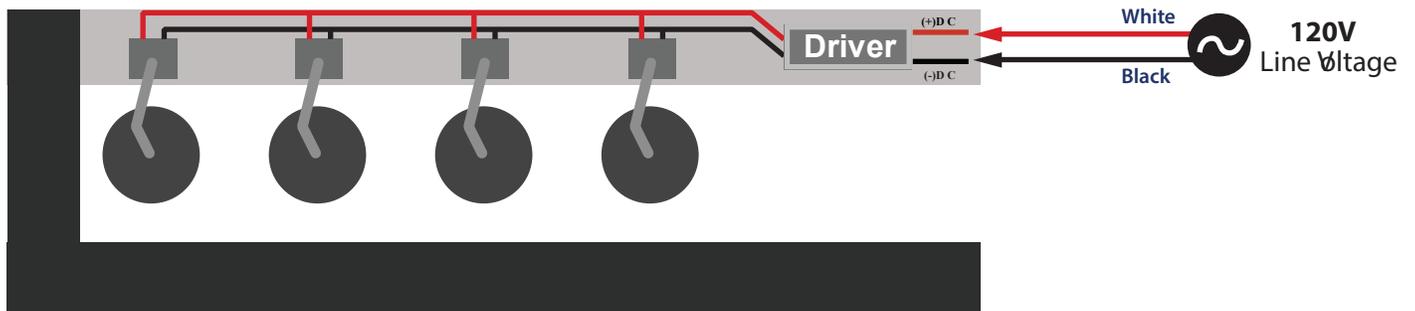**OPTIONAL ELECTRICFIED CHANNEL AVAILABLE, SEE LG-5008E / LG-5008F SPEC SHEETS FOR MORE DETAIL**

LG-5008E5/F5

13" or 16"

Gypsum parts
built by contractor

4"- 6"

LG-5008E/F

Driver

3.7"

5"

3" or 6"

3.7"

5"

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LG-5010

Wiring Diagrams For Knife Edge

PER FIXTURE REMOTE DRIVER INSIDE COVE

DRIVER DRIVER DRIVER DRIVER

White
120V
Line Voltage
Black

PER MULTIPLE FIXTURES REMOTE DRIVER INSIDE THE COVE

Driver
(+)D C
(-)D C

White
120V
Line Voltage
Black

PER MULTIPLE FIXTURES REMOTE DRIVER OUTSIDE THE COVE
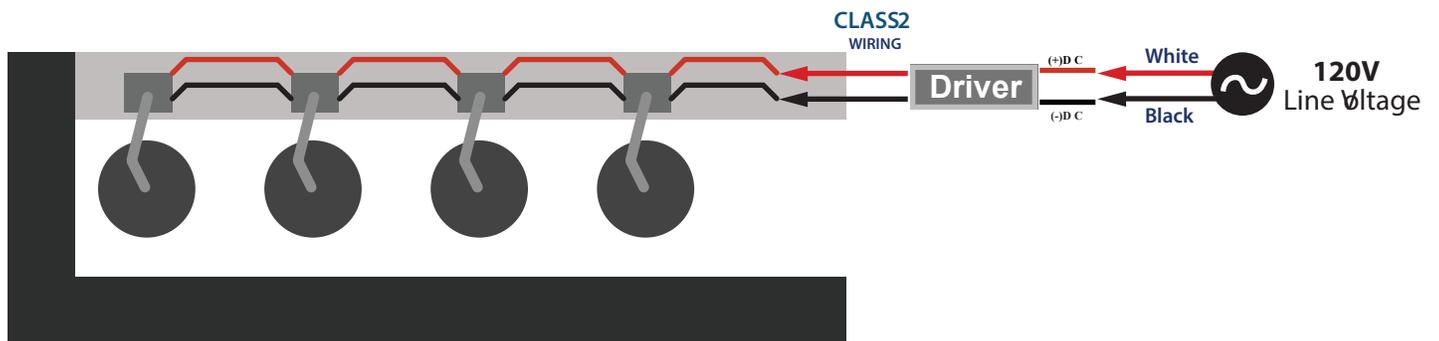
CLASS2
WIRING

Driver
(+)D C
(-)D C

White
120V
Line Voltage
Black

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**Adjustable Spot Head
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ARM + LED LAMP

LED FOR 6" OPENING
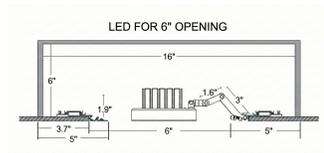
LED TYPE	CL2-15AR111	CL2-25QLG111	CL2-40QLG111
DELIVERED LUMENS	1500	2200	3200
WATTS	15W	25	40W
CRI	95	90	90
CRI OPTION	2700K / 3000K / 35000K / 4000K	RGBW	RGBW
VOLTAGE	120V / 277V		
DIMMING	• TRIAC /ELV Standard (Down to > 1%) - STANDARD • 0 -10 v (Down to > 5%) • Lutron (Hi-lume Premier 0.1 % Eco System LED Driver with Soft-on, Fade-to-black dimming technology) • DALI • DMX ǀ DMX512 (for RGBW only)		
POWER SUPPLY (Installed remote or inside cove)	Constant current driver 36Vdc /350mA	Constant current driver 48Vdc	
BEAM SPREAD	11°/17°/26°/42°	16°/20°	
OPTICS	Frosted / Middle Frosted		
ADJUSTABILITY	Adjustable - 360°, full range of mobility		
FINISH	Aluminum Powder Coating		

Product Features

- Revolutionary spot head lighting with full range of adjustability
- Energy efficient LED light engines
- Versatile field changeable optics
- Dimmable with a variety of commonly used drivers
- Fixtures can be used with all Smart House Systems such as Lutron, Vantage, Control4, Crestron and others
- Easy installation for new construction and remodel applications
- Class 2
- UL approved fixtures
- Standard driver included

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