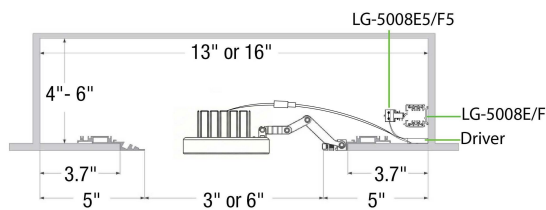


LG-5010

Adjustable Spot Head for Knife Edge



Project Information:	Project Name:
Fixture Type:	Location:

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 1500 lm (15W) / 3200lm (40W - RGBW only)	Color Quality 95 CRI, 2-step SDCM
Color Temperature 2700K 3000K 3500K 4000K RGBW	Light Distribution General Wall Wash Spot Light
Input Voltage 120/277V	Dimming TRIAC/ ELV
Arm Aluminum material / Black powder coating Arm has full range of mobility	Additional Arm Color White
Module Ratings  Damp Location	Adjustability 360°
Guarantee 40,000 hrs 3 years	Additional Dimming Options 0-10 / DALI Dimming / Lutron EcoSystem / DMX (RGBW only)

LG-5010

Adjustable Spot Head for Knife Edge

Project Information:	Project Name:
Fixture Type:	Location:

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)

Example Number

LG-5010 B CL2-15AR111 30K 95 42 MF FLB T

Order Number

LG-5010 _ _ _ _ _

LG-5010

Adjustable Spot Head
for Knife Edge

Project Information:	Project Name:
Fixture Type:	Location:

ACCESSORIES



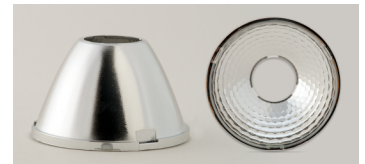
Frosted



Middle Frosted



Flat (Black or White)

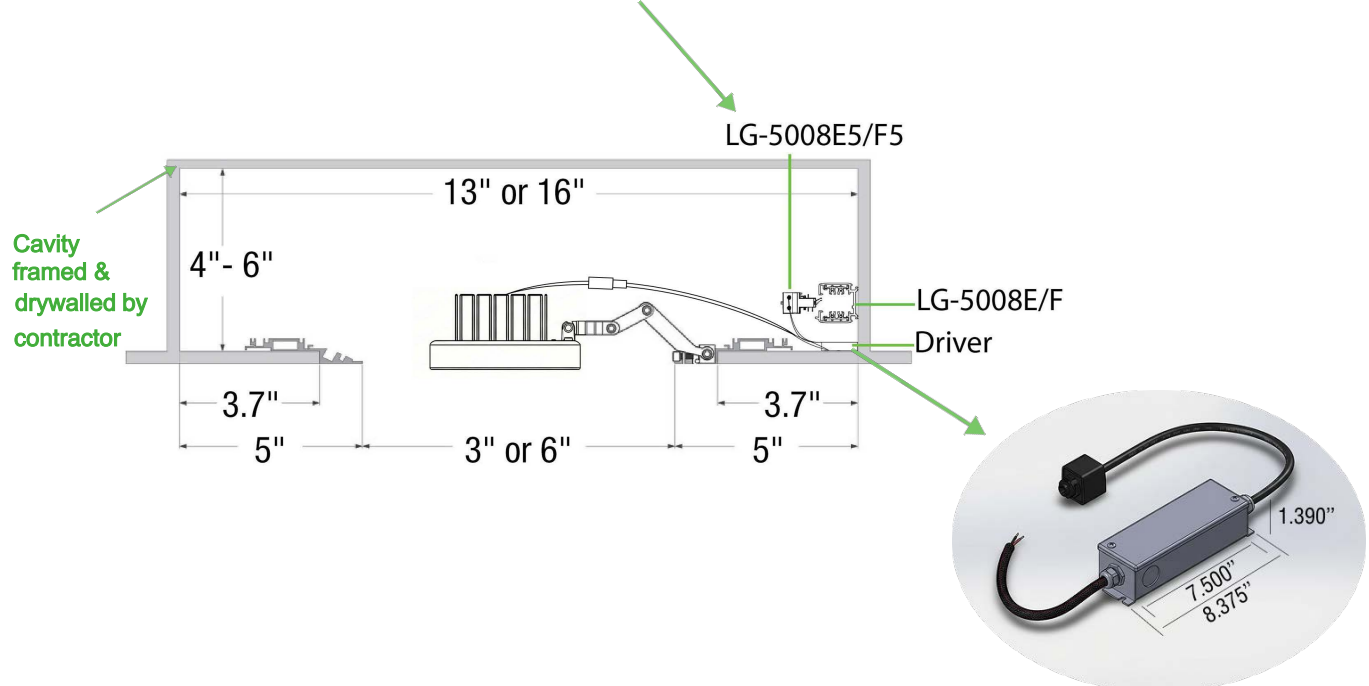


20° Light Beam



40° Light Beam

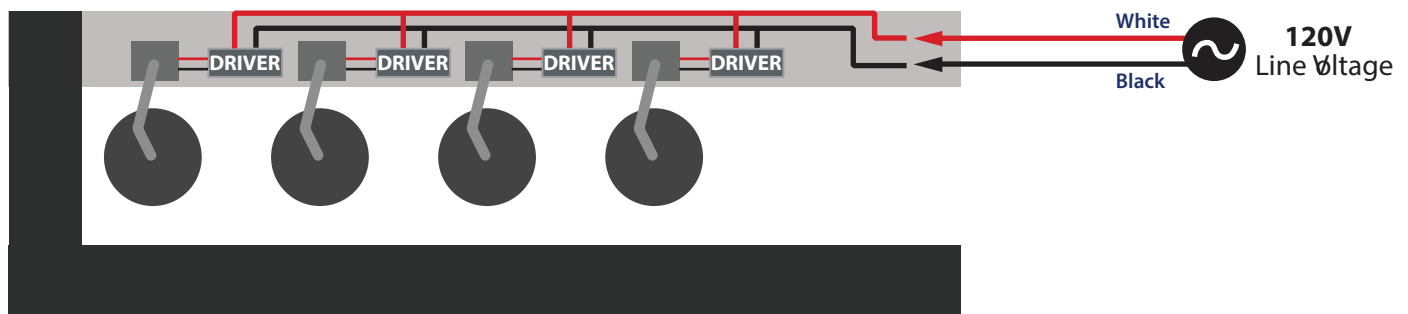
ELECTRICIFIED CHANNEL, SEE PAGES 6-10, [LG-5008E](#) / [LG-5008F](#) SPEC SHEETS FOR MORE DETAILS



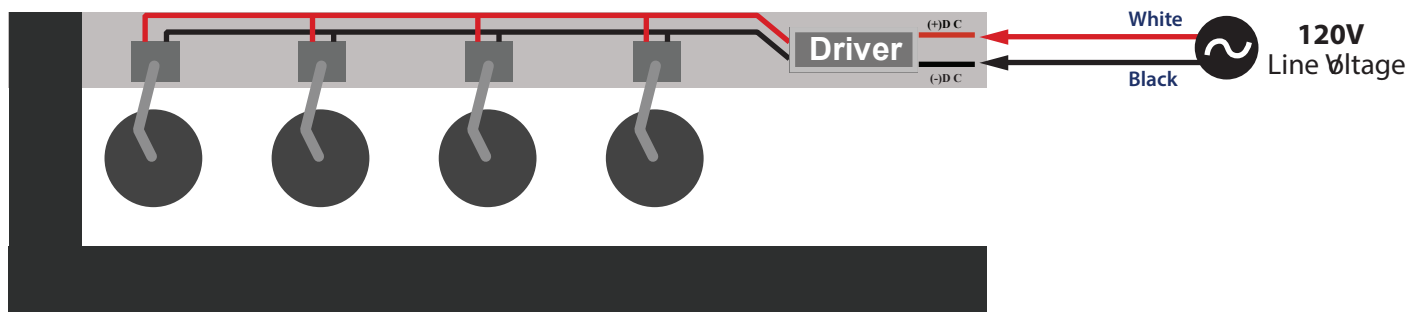
LG-5010

Wiring Diagrams For Knife Edge

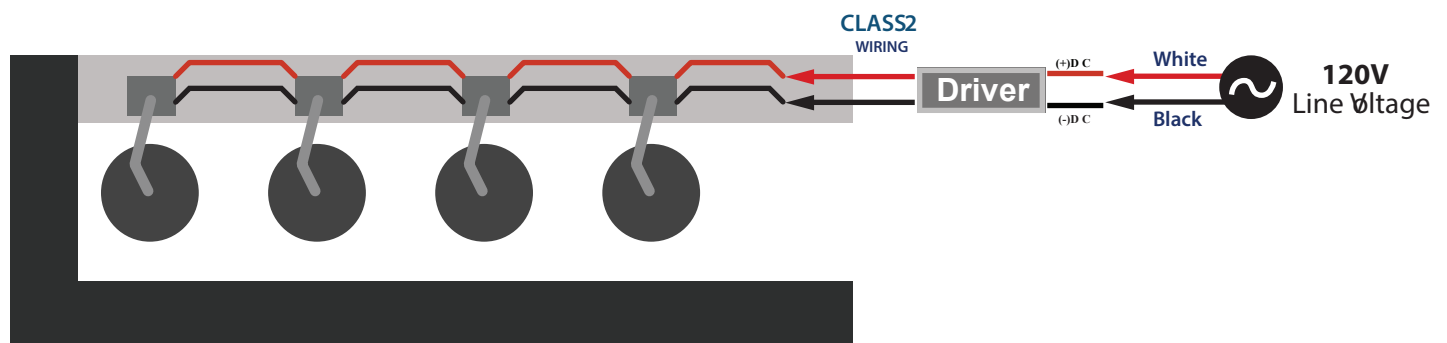
PER FIXTURE REMOTE DRIVER INSIDE COVE



PER MULTIPLE FIXTURES REMOTE DRIVER INSIDE THE COVE



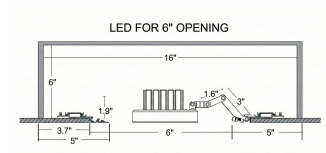
PER MULTIPLE FIXTURES REMOTE DRIVER OUTSIDE THE COVE



LG-5010

Adjustable Spot Head
for Knife Edge

ARM + LED LAMP



Project Information:	Project Name:
Fixture Type:	Location:



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 I 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

LG-5008E

6 Foot - 3 Wire Track

1 Circuit Track - Multi Compatible

TECHINCAL DETAILS - LG-5008E

Body Construction

- Constructed of durable injection-molded plastic, steel and Aluminum

Electrical

- 1-Circuit power distribution system designed to extend the power between two track sections. With two (1) hot terminals and one common neutral, each circuit is rated 20A.

Compatibility

- Track is Compatible with all Light and Green 3 wire track fixtures 1 circuit accessories and connectors.
- The track and it's accessories include screws to secure it in place.
- All track sections supplied with two insulated end caps.

Description

- Light and Green 1-phase track is a high quality track system for the professional lighting market.
- The comprehensive range of Light and Green track accessories, gives Designer's the freedom choice, while making a track plan. The track can is easily shortened, with a metal saw. After cutting the track it is ready to install (no wiring adjustment needed).

Mounting

- The LG-5008E can be mounted as a Flush Pendant.

PHOTOGRAPH - LG-5008E

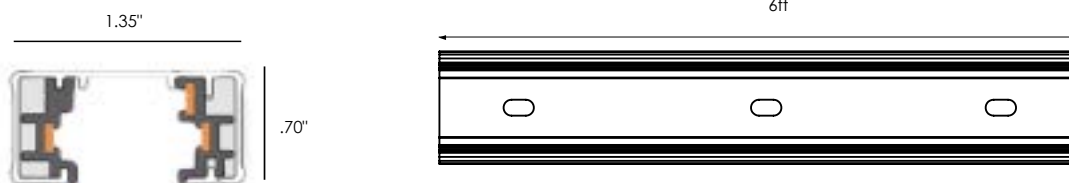


DESCRIPTION - LG-5008E

- Light and Green LG-5008E 1 Circuit Track
- 6 feet (72 inches)
- Available in Black and white
- cULus Listed



TECHNICAL DRAWING / POLARITY GROOVE - LG-5008E



ORDERING GUIDE - LG-5008E

LG-5008E - Color/Finish
 BK : Black
 WH : White
 EXAMPLE : LG-5008E-BK

LG-5008E1

1 Circuit Live end Connector - Ground on Left
1 Circuit Track Compatible

TECHINCAL DETAILS - LG-5008E1

Body Construction

- Constructed of durable injection-molded plastic, steel and Aluminum

Electrical

- 1-Circuit power distribution system designed to extend the power between two track sections. With one (1) hot terminal and one common neutral, each circuit is rated 20A.

Compatibility

- End Connector is Compatible with all Light and Green 3 wire track fixtures and 1-circuit accessories and connectors.
- The track and accessories include screws to secure it in place

Mounting

- This Live end Connector is placed at the end of a track

Labels

- cULus Listed

PHOTOGRAPH - LG-5008E1

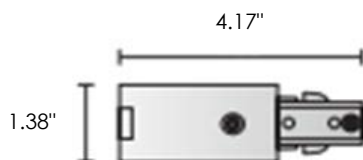


DESCRIPTION - LG-5008E1

- Light and Green LG-5008E1 1-Circuit Live End Connector
- Available in Black and white



TECHNICAL DRAWING / POLARITY GROOVE - LG-5008E1



ORDERING GUIDE - LG-5008E1

LG-5008E1 -

Color/Finish

BK : Black

WH : White

EXAMPLE : LG-5008E1 - BK

LG-5008E2

1 Circuit Mini Joiner

1 Circuit Track Compatible

TECHINCAL DETAILS - LG-5008E2

Body Construction

- Constructed of durable injection-molded plastic, steel and Aluminum

Electrical

- 1-Circuit power distribution system designed to extend the power between two track sections. With one (1) hot terminal and one common neutral, each circuit is rated 20A.

Compatibility

- Connector is Compatible with all Light and Green 3 wire track fixtures and 1-circuit accessories and connectors
- The track and accessories include screws to secure it in place

Mounting

- This Mini Joiner Connector is placed at the end of a track.

Labels

- cULus Listed

PHOTOGRAPH - LG-5008E2

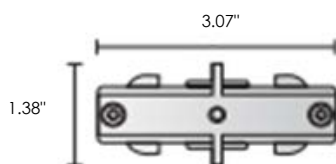


DESCRIPTION - LG-5008E2

- Light and Green LG-5008E2 1-Circuit Mini Joiner Connector
- Available in Black and white



TECHNICAL DRAWING / POLARITY GROOVE - LG-5008E2



ORDERING GUIDE - LG-5008E2

LG-5008E2 - Color/Finish

BK : Black
WH : White

EXAMPLE : LG-5008E2 - BK

LG-5008F

6 Foot - 4 Wire Track

2 and 3 Circuit Track - Multi Compatible

TECHINCAL DETAILS - LG-5008F

Body Construction

- Constructed of durable injection-molded plastic, steel and Aluminum

Electrical

- 3-Circuit power distribution system designed to extend the power between two track sections. With two (3) hot terminals and one common neutral, each circuit is rated 20A(2 x 20A = 40A max)

Compatibility

- Track is Compatible with all Light and Green 4 wire track fixtures + 2 and 3 circuit accessories and connectors.
- The track and it's accessories include screws to secure it in place.
- All track sections supplied with two insulated end caps (LG-5008F6).

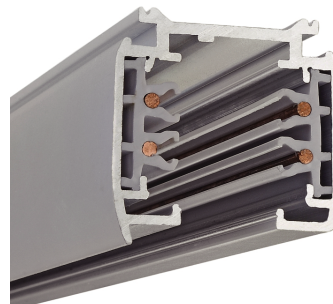
Description

- Light and Green 3-phase track is a high quality track system.
- The comprehensive range of Light and Green track accessories, gives Designer's the freedom choice, while making a track plan. The track can is easily shortened, with a metal saw. After cutting the track it is ready to install (no wiring adjustment needed).

Mounting

- The LG-5008F can be mounted as a Flush Pendant.

PHOTOGRAPH - LG-5008F

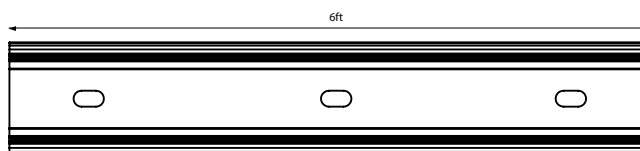
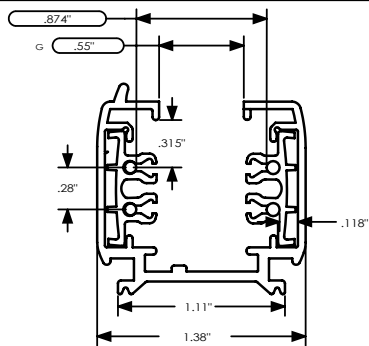


DESCRIPTION - LG-5008F

- Light and Green LG-5008F 2 and 3 Circuit Track
- 6 feet (72 inches)
- Available in Black and white
- cULus Listed



TECHNICAL DRAWING / POLARITY GROOVE - LG-5008F



ORDERING GUIDE - LG-5008F

LG-5008F -

Color/Finish

BK : Black

WH : White

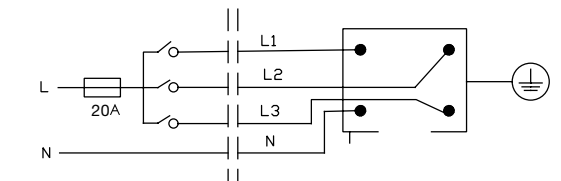
EXAMPLE : LG-5008F-BK

LG-5008F

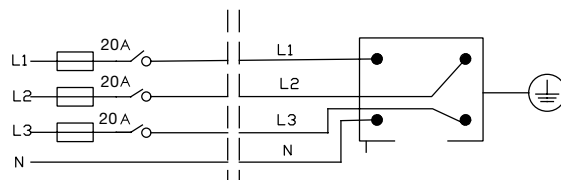
6 Foot - 4 Wire Track

2 and 3 Circuit Track - Multi Compatible

CONNECTING DIAGRAMS

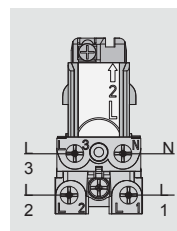
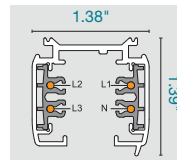


1 phase 120V 20A Max



3 phase 120V 3x20A Max

3-Circuit Track

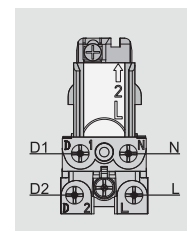
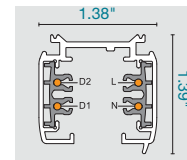


L1, L2, L3: fase, life wire
N: neutral



1-Circuit Track DALI/0-10/ECO

Compatible to standard 3-CircuitTrack



L: fase, life wire
N: neutral
D1, D2: DALI/0-10/ECO

