

LED REVEALS

FRY REGLET
ARCHITECTURAL METALS

LED LIGHTING REVEALS PRODUCT BROCHURE

3/4" LIGHT REVEAL SHOWN

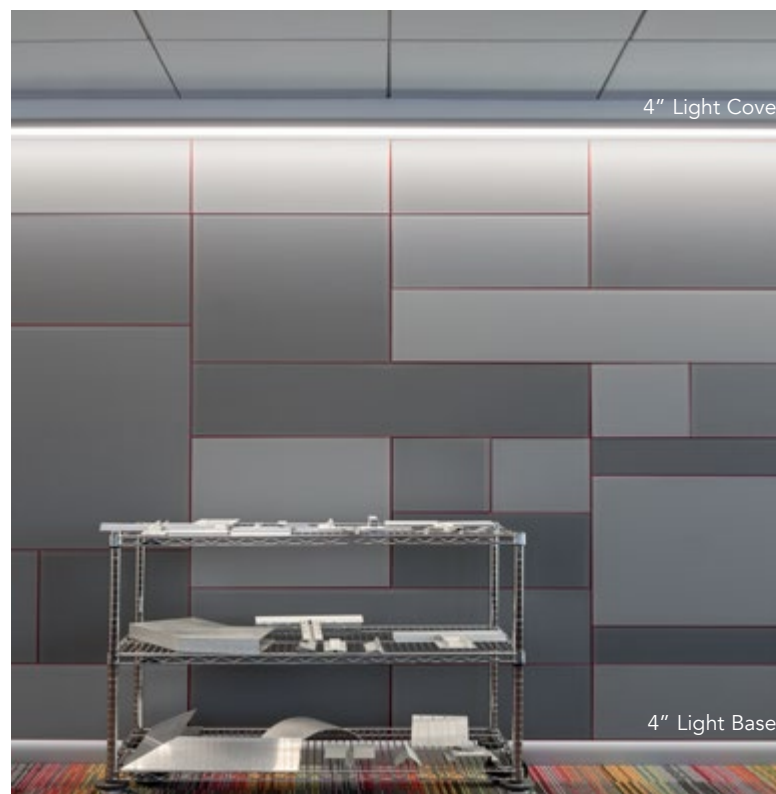
LED LIGHTING REVEALS STYLE ILLUMINATED.

In high demand, Fry Reglet's innovative LED light reveal provides a continuous band of accent illumination. Designed with an integral LED light source, the reveals use traditional installation methods with 1/2" or 5/8" drywall. LED light reveals install quickly and easily with simple, low voltage connectors that require no modifications to the framing.

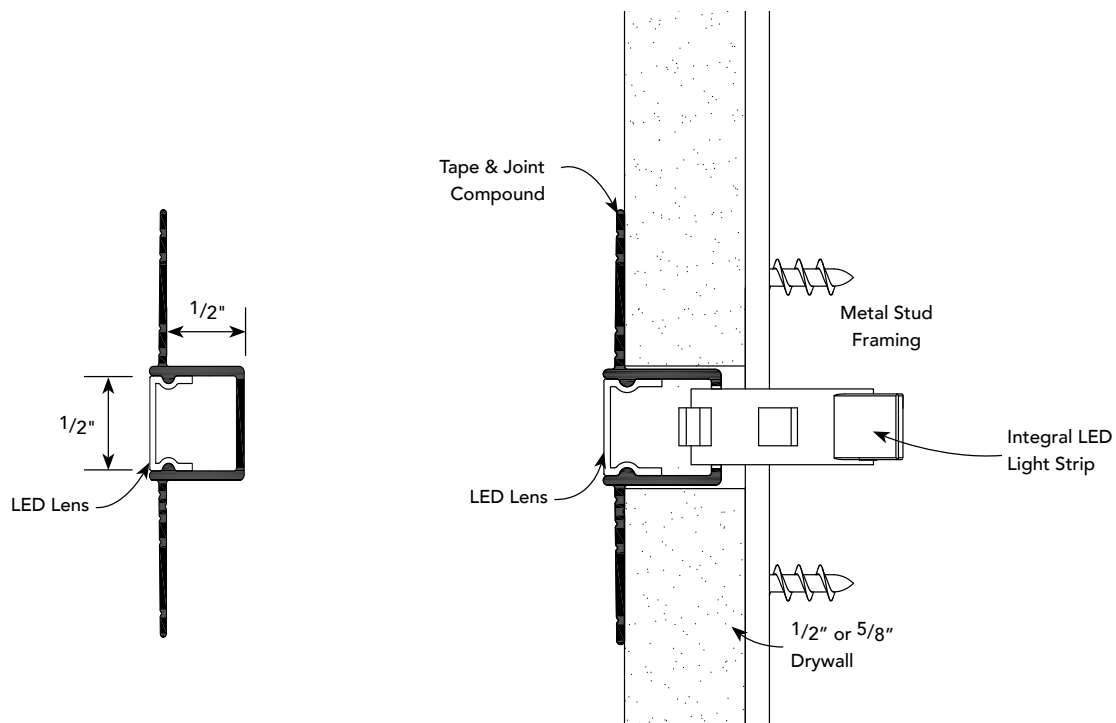
Potential uses range from illuminated way-finding in hospitals and airports to ambient statements in commercial hospitality, entertainment and retail venues. Reveal profiles are designed to accommodate a variety of installation preferences including positioning for upward ceiling illumination, or downward for wall washing and floor illumination.

FEATURES AND BENEFITS

- Extruded aluminum for durability and ease of installation
- Engineered system includes factory installed LED lighting, quick disconnect components and low voltage drivers
- Choice of 2900, 3000, 3500 or 4100 Kelvin temperature
- Clear anodized or powder coat finish.



RVL5050



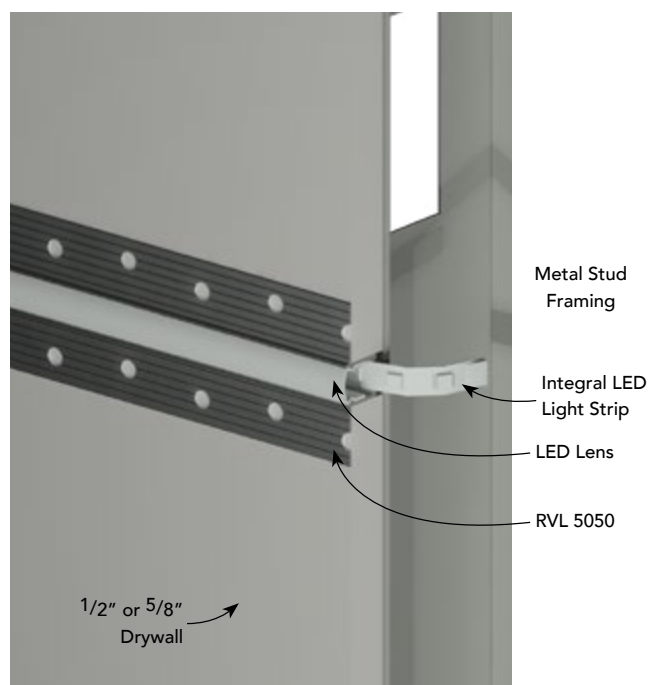
USAGE

Fry Reglet RVL5050 installs in 1/2" or 5/8" drywall and provides a continuous band of light. RVL5050 can be installed in a horizontal, vertical and ceiling application. Frosted lens included.

GUIDE SPECIFICATION

Where indicated on drawings, Fry Reglet RVL5050, as manufactured by Fry Reglet Corporation, shall be installed. Aluminum shall be extruded alloy 6063 T5, with clear anodized or powder coat finish. Specify length and Kelvin temperature.

INSTALLATION DETAIL / ISO View

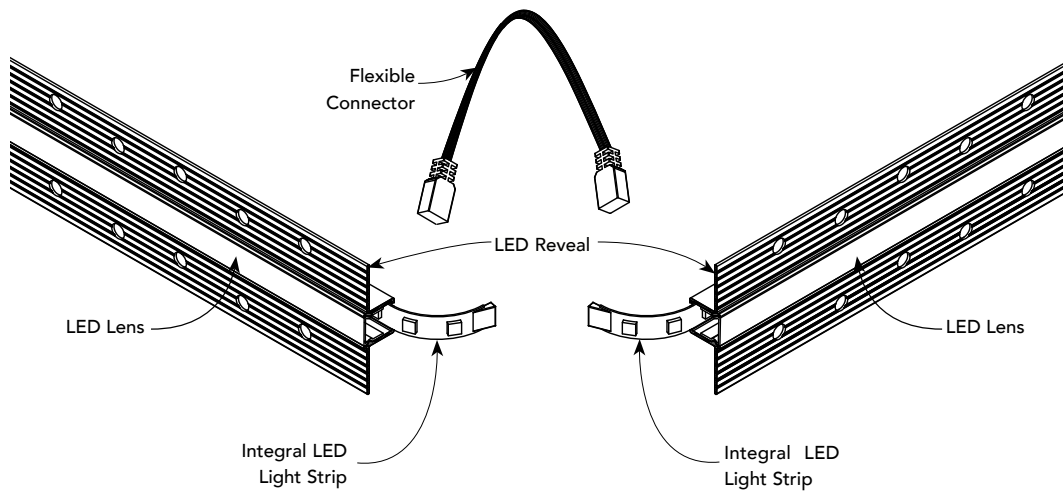


LIGHTING OPTIONS			LED REVEAL
			RVL5050
LED'S / FT	KELVIN	LENGTH	PART #
32	2900	2'	LED-RVL5050A2C
		4'	LED-RVL5050A4C
		6'	LED-RVL5050A6C
		8'	LED-RVL5050A8C
		10'	LED-RVL5050A10C
	3000	2'	LED-RVL5050B2C
		4'	LED-RVL5050B4C
		6'	LED-RVL5050B6C
		8'	LED-RVL5050B8C
		10'	LED-RVL5050B10C
	3500 AVAILABLE QUICKSHIP	2'	LED-RVL5050C2C
		4'	LED-RVL5050C4C
		6'	LED-RVL5050C6C
		8'	LED-RVL5050C8C
		10'	LED-RVL5050C10C
	4100	2'	LED-RVL5050D2C
		4'	LED-RVL5050D4C
		6'	LED-RVL5050D6C
		8'	LED-RVL5050D8C
		10'	LED-RVL5050D10C

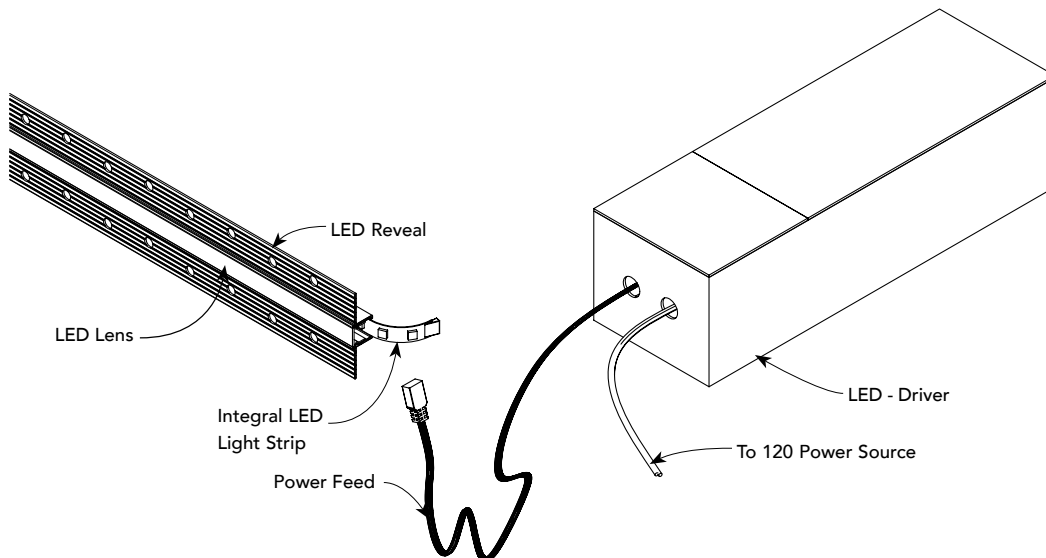
C = CLEAR ANODIZED

P = PAINTED

LED - REVEAL TO REVEAL CONNECTION DETAIL



LED - REVEAL TO DRIVER CONNECTION DETAIL

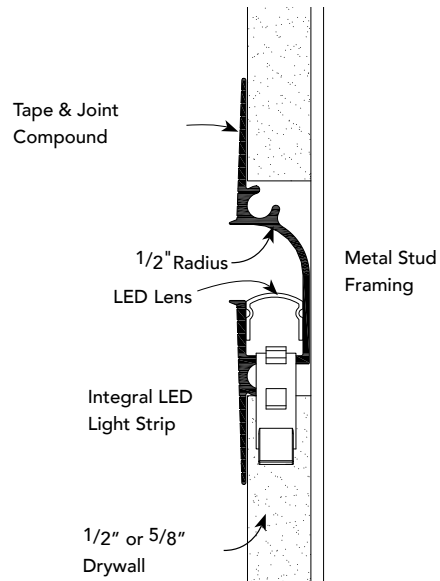
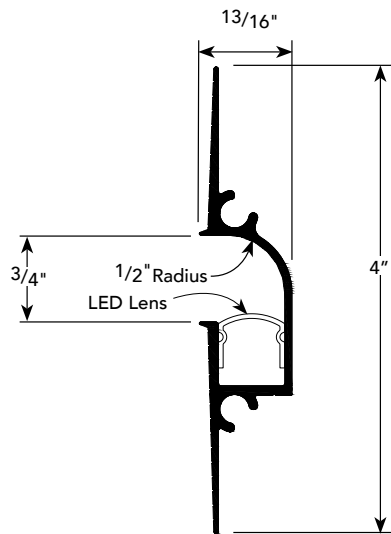


PRODUCT DETAIL

INSTALLATION DETAIL / Cross Section

LED LIGHT REVEAL

3/4" REVEAL



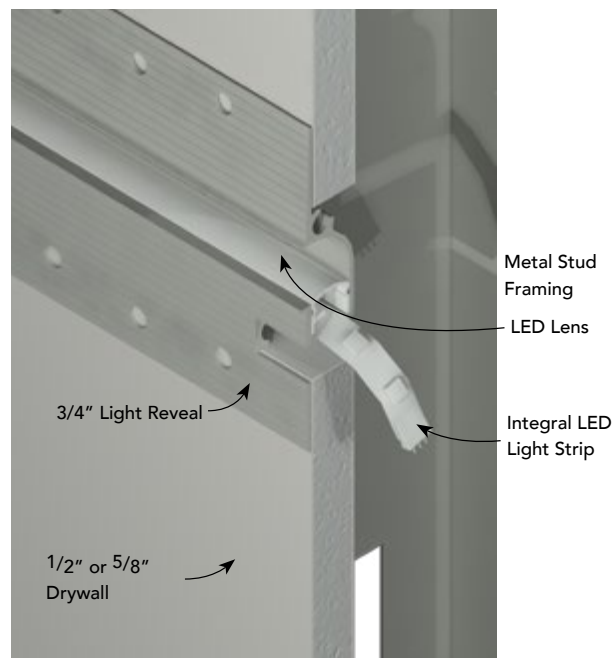
USAGE

Fry Reglet 3/4" Light Reveal installs in 1/2" or 5/8" drywall and provides a continuous band of light. 3/4" Light Reveal can be installed vertically or horizontally in walls, or ceilings. Frosted lens included.

GUIDE SPECIFICATION

Where indicated on drawings, Fry Reglet 3/4" Light Reveal, as manufactured by Fry Reglet Corporation, shall be installed. Aluminum shall be extruded alloy 6063 T5, with clear anodized or powder coat finish. Specify length and Kelvin temperature.

INSTALLATION DETAIL / ISO View



LED LIGHT REVEAL

LIGHTING OPTIONS

3/4 REVEAL"

LED'S / FT	KELVIN	LENGTH	PART #
32	2900	2'	LED-RVL75A2C
		4'	LED-RVL75A4C
		6'	LED-RVL75A6C
		8'	LED-RVL75A8C
		10'	LED-RVL75A10C
	3000	2'	LED-RVL75B2C
		4'	LED-RVL75B4C
		6'	LED-RVL75B6C
		8'	LED-RVL75B8C
		10'	LED-RVL75B10C
	3500 AVAILABLE QUICKSHIP	2'	LED-RVL75C2C
		4'	LED-RVL75C4C
		6'	LED-RVL75C6C
		8'	LED-RVL75C8C
		10'	LED-RVL75C10C
	4100	2'	LED-RVL75D2C
		4'	LED-RVL75D4C
		6'	LED-RVL75D6C
		8'	LED-RVL75D8C
		10'	LED-RVL75D10C

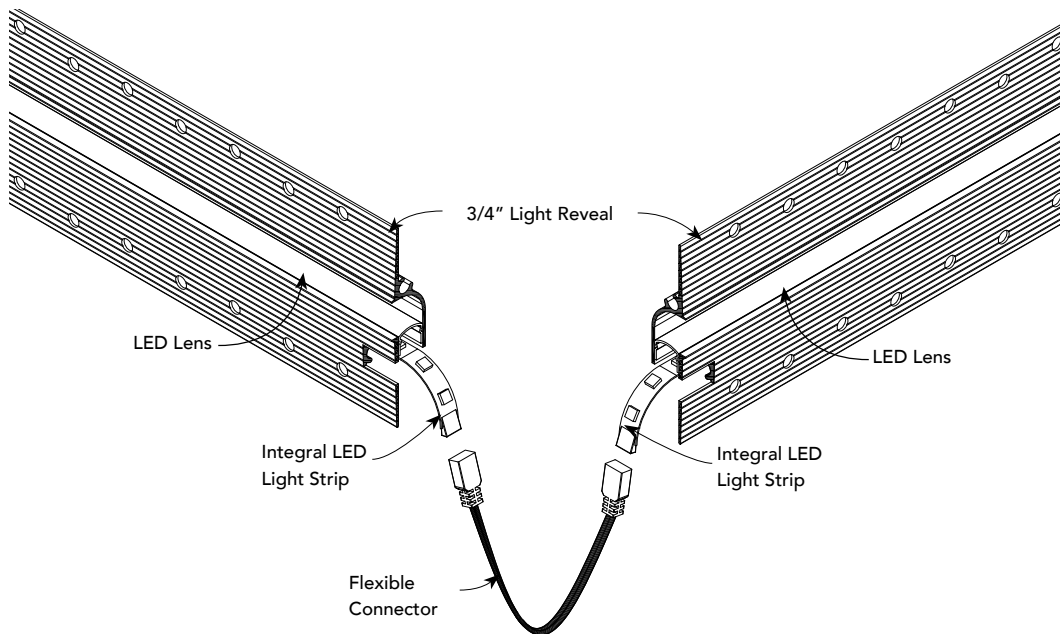
C = CLEAR ANODIZED
P = PAINTED

PRODUCT DETAIL

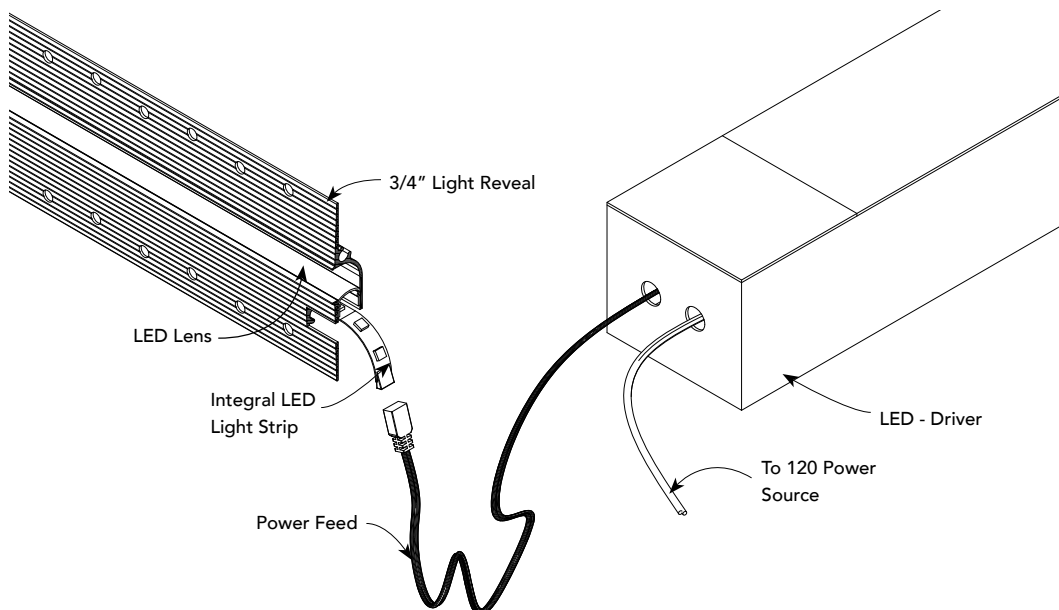
LED LIGHT REVEAL

3/4" REVEAL

LED - REVEAL TO REVEAL CONNECTION DETAIL



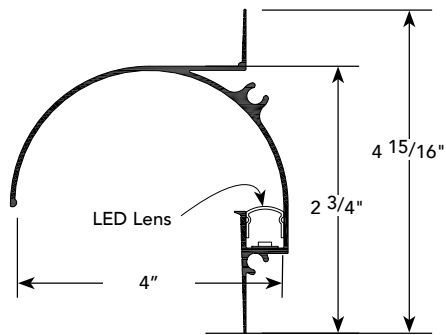
LED - REVEAL TO DRIVER CONNECTION DETAIL



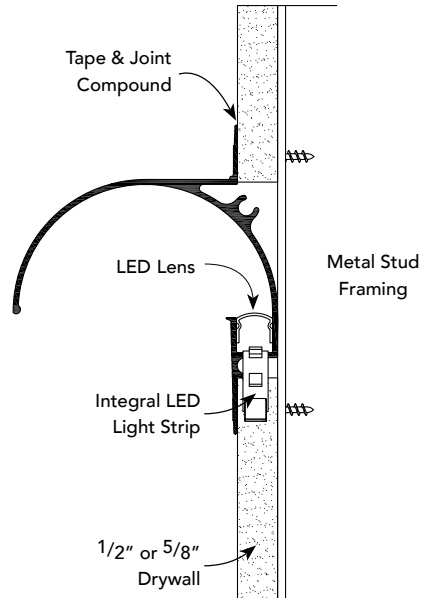
LED LIGHT COVE

PRODUCT DETAIL

4" LIGHT COVE



INSTALLATION DETAIL / Cross Section



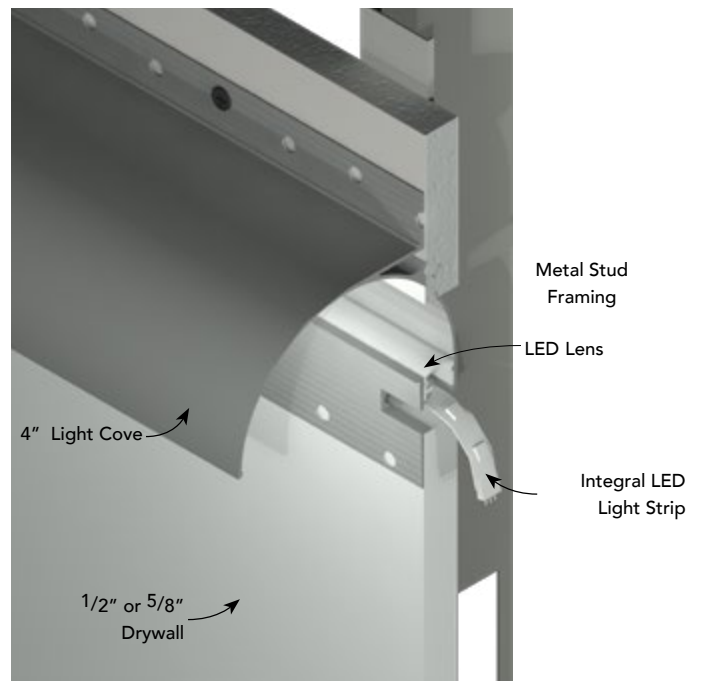
USAGE

Fry Reglet 4" Light Cove installs in 1/2" or 5/8" drywall and provides a continuous band of light. Light Cove can be installed to direct lighting downwards for wall washing or upwards for ceiling illumination. Frosted lens included.

GUIDE SPECIFICATION

Where indicated on drawings, Fry Reglet 4" Light Cove, as manufactured by Fry Reglet Corporation, shall be installed. Aluminum shall be extruded alloy 6063 T5, with clear anodized or powder coat finish. Specify length and Kelvin temperature.

INSTALLATION DETAIL / ISO View



LIGHTING OPTIONS

LED LIGHT COVE

4" LIGHT COVE

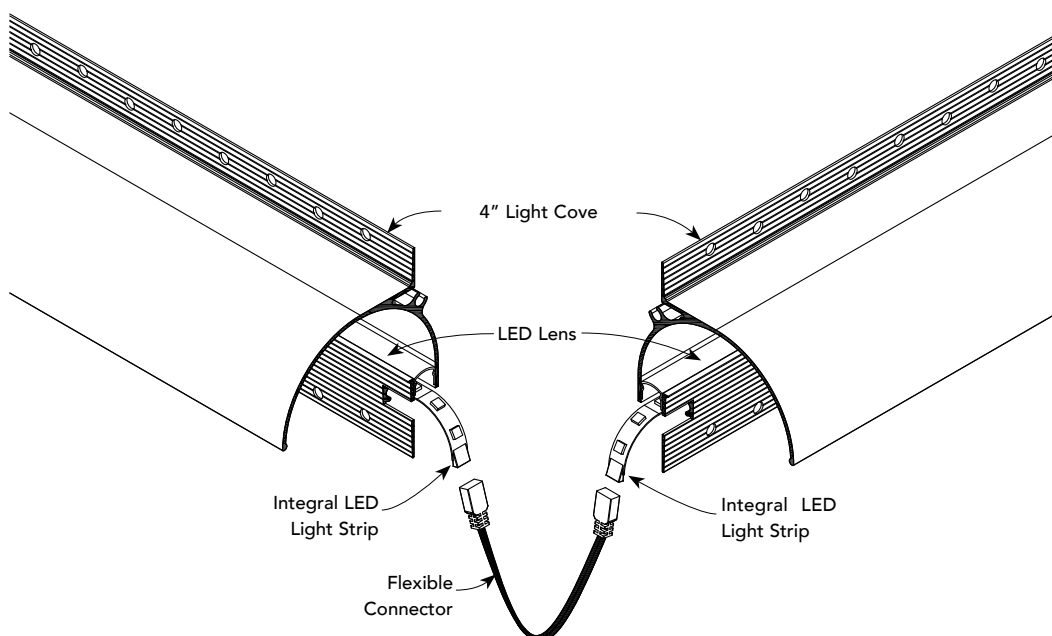
LED'S / FT	KELVIN	LENGTH	PART #
32	2900	2'	LED-CV4A2C
		4'	LED-CV4A4C
		6'	LED-CV4A6C
		8'	LED-CV4A8C
		10'	LED-CV4A10C
	3000	2'	LED-CV4B2C
		4'	LED-CV4B4C
		6'	LED-CV4B6C
		8'	LED-CV4B8C
		10'	LED-CV4B10C
	3500 AVAILABLE QUICKSHIP	2'	LED-CV4C2C
		4'	LED-CV4C4C
		6'	LED-CV4C6C
		8'	LED-CV4C8C
		10'	LED-CV4C10C
	4100	2'	LED-CV4D2C
		4'	LED-CV4D4C
		6'	LED-CV4D6C
		8'	LED-CV4D8C
		10'	LED-CV4D10C

C = CLEAR ANODIZED

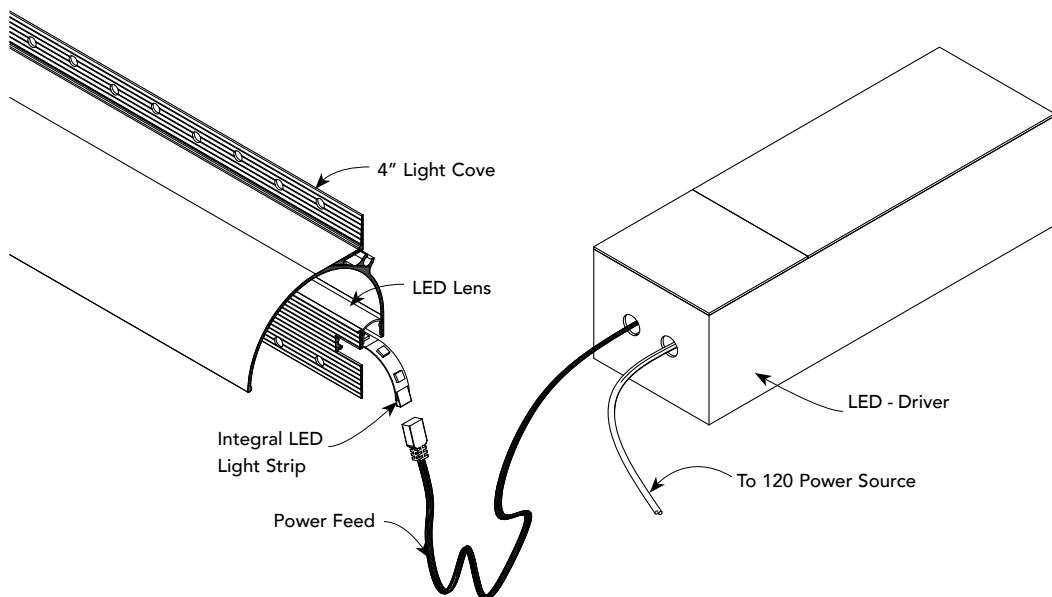
P = PAINTED

4" LIGHT COVE

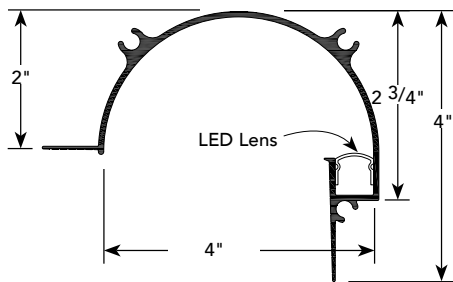
LED - REVEAL TO REVEAL CONNECTION DETAIL



LED - REVEAL TO DRIVER CONNECTION DETAIL



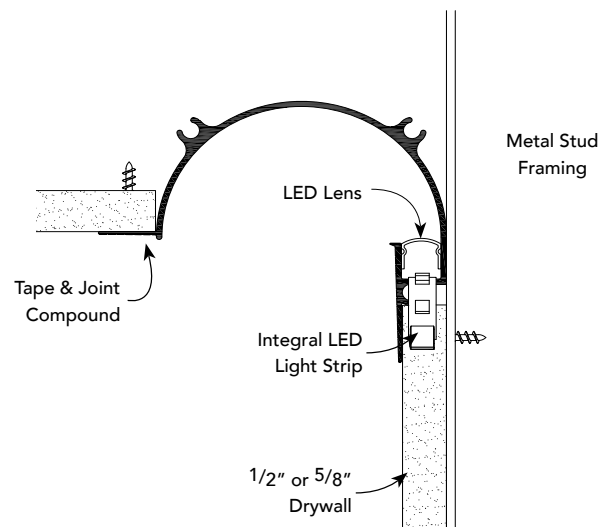
PRODUCT DETAIL



INSTALLATION DETAIL / Cross Section

LED TROUGH

4" TROUGH



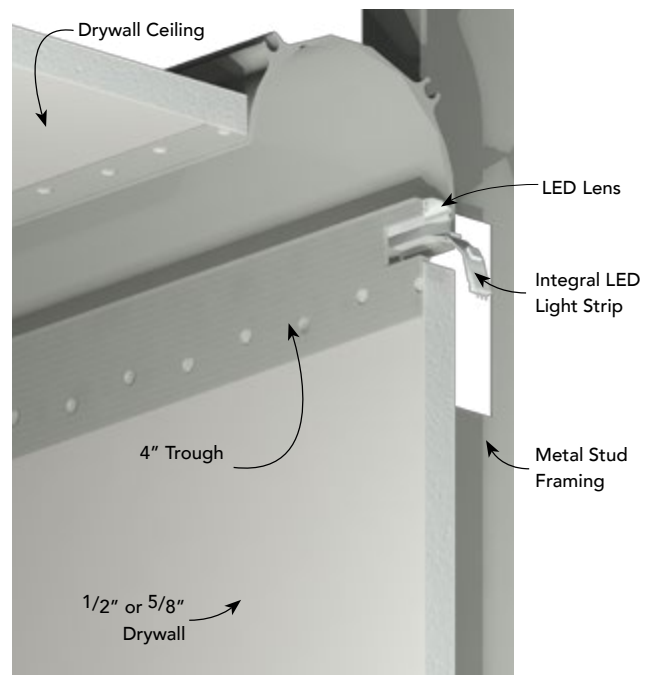
USAGE

Fry Reglet 4" Trough installs in 1/2" or 5/8" drywall and provides a continuous linear Trough of light at the ceiling. Frosted lens included.

GUIDE SPECIFICATION

Where indicated on drawings, Fry Reglet 4" Trough, as manufactured by Fry Reglet Corporation, shall be installed. Aluminum shall be extruded alloy 6063 T5, with clear anodized or powder coat finish. Specify length and Kelvin temperature.

INSTALLATION DETAIL / ISO View



LED TROUGH		LIGHTING OPTIONS		
4" TROUGH	LED'S / FT	KELVIN	LENGTH	PART #
	32	2900	2'	LED-TR4A2C
			4'	LED-TR4A4C
			6'	LED-TR4A6C
			8'	LED-TR4A8C
			10'	LED-TR4A10C
		3000	2'	LED-TR4B2C
			4'	LED-TR4B4C
			6'	LED-TR4B6C
			8'	LED-TR4B8C
			10'	LED-TR4B10C
		3500 AVAILABLE QUICKSHIP	2'	LED-TR4C2C
			4'	LED-TR4C4C
			6'	LED-TR4C6C
			8'	LED-TR4C8C
			10'	LED-TR4C10C
		4100	2'	LED-TR4D2C
			4'	LED-TR4D4C
			6'	LED-TR4D6C
			8'	LED-TR4D8C
			10'	LED-TR4D10C

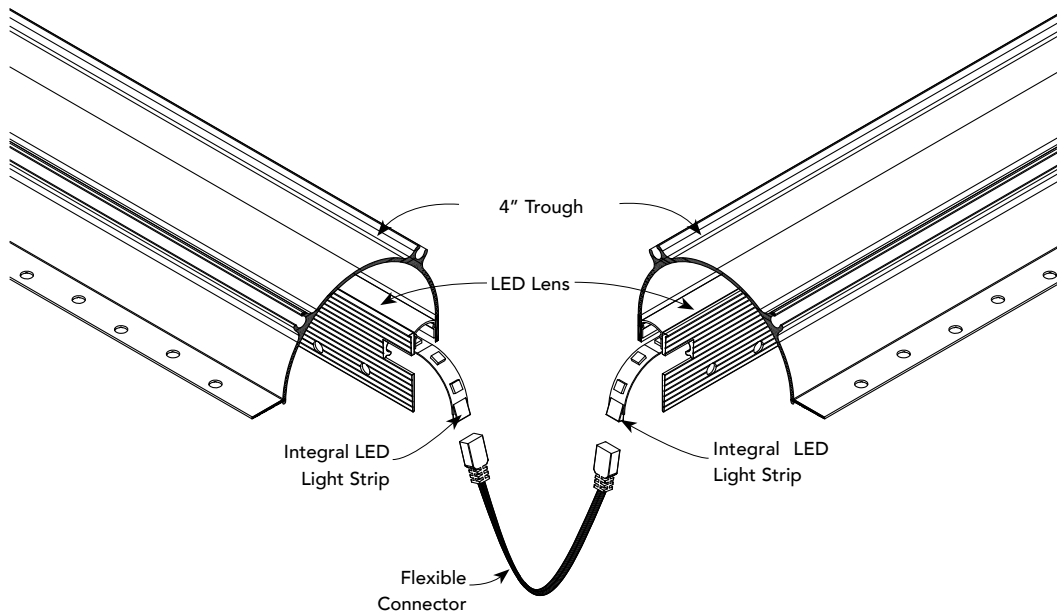
C = CLEAR ANODIZED
P = PAINTED

PRODUCT DETAIL

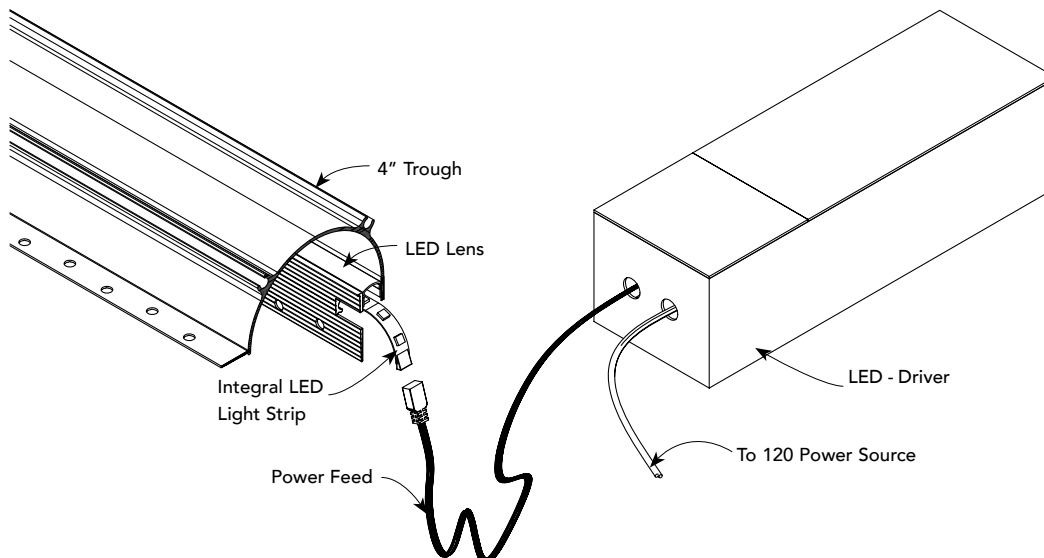
LED TROUGH

4" TROUGH

LED - REVEAL TO REVEAL CONNECTION DETAIL



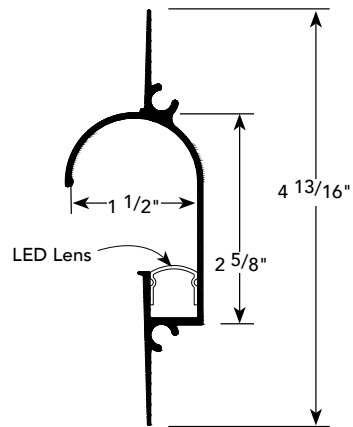
LED - REVEAL TO DRIVER CONNECTION DETAIL



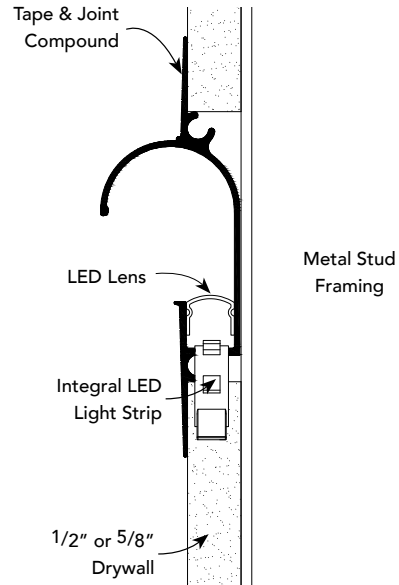
LED LIGHT COVE

PRODUCT DETAIL

1 1/2" LIGHT COVE



INSTALLATION DETAIL / Cross Section



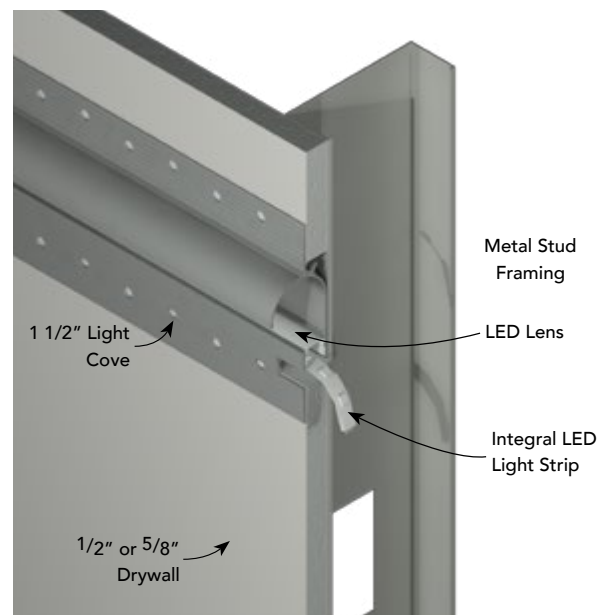
USAGE

Fry Reglet 1 1/2" Light Cove installs in 1/2" or 5/8" drywall and provides a continuous band of light. 1 1/2" Light Cove can be installed to direct lighting downwards for wall washing or upwards for ceiling illumination. Frosted lens included.

GUIDE SPECIFICATION

Where indicated on drawings, Fry Reglet 1 1/2" Light Cove, as manufactured by Fry Reglet Corporation, shall be installed. Aluminum shall be extruded alloy 6063 T5, with clear anodized or powder coat finish. Specify length and Kelvin temperature.

INSTALLATION DETAIL / ISO View



LIGHTING OPTIONS

LED LIGHT COVE

1 1/2" LIGHT COVE

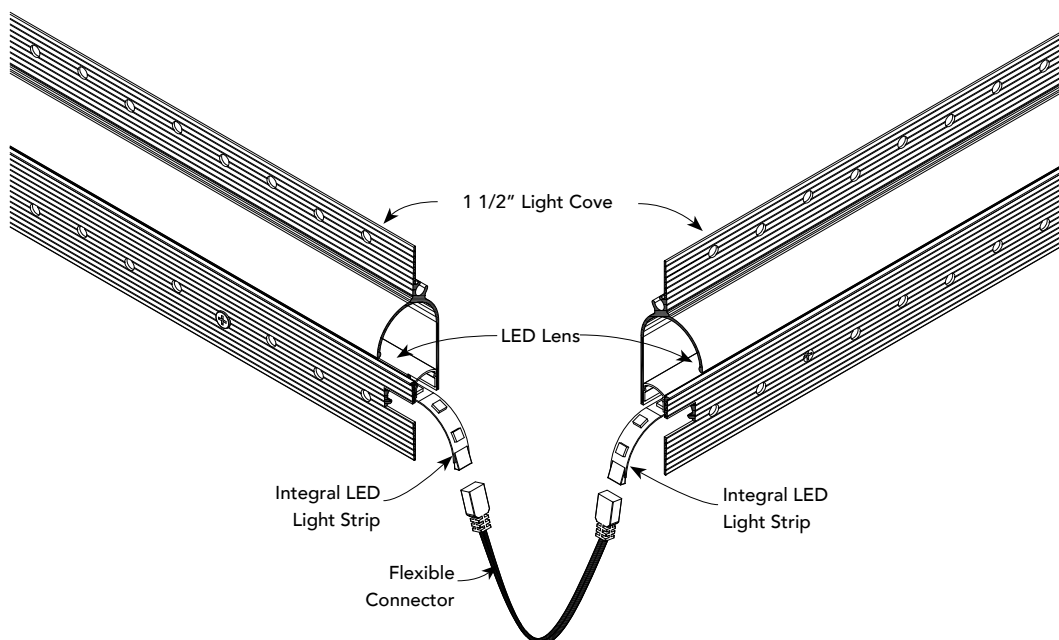
LED'S / FT	KELVIN	LENGTH	PART #
32	2900	2'	LED-CV150A2C
		4'	LED-CV150A4C
		6'	LED-CV150A6C
		8'	LED-CV150A8C
		10'	LED-CV150A10C
	3000	2'	LED-CV150B2C
		4'	LED-CV150B4C
		6'	LED-CV150B6C
		8'	LED-CV150B8C
		10'	LED-CV150B10C
	3500 AVAILABLE QUICKSHIP	2'	LED-CV150C2C
		4'	LED-CV150C4C
		6'	LED-CV150C6C
		8'	LED-CV150C8C
		10'	LED-CV150C10C
	4100	2'	LED-CV150D2C
		4'	LED-CV150D4C
		6'	LED-CV150D6C
		8'	LED-CV150D8C
		10'	LED-CV150D10C

C = CLEAR ANODIZED

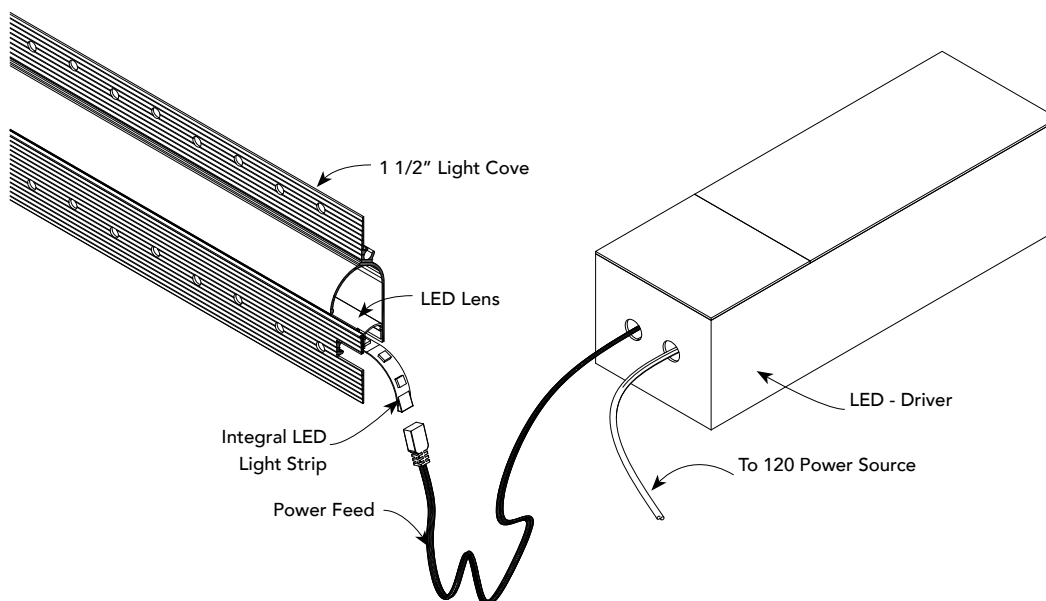
P = PAINTED

1 1/2" LIGHT COVE

LED - REVEAL TO REVEAL CONNECTION DETAIL



LED - REVEAL TO DRIVER CONNECTION DETAIL

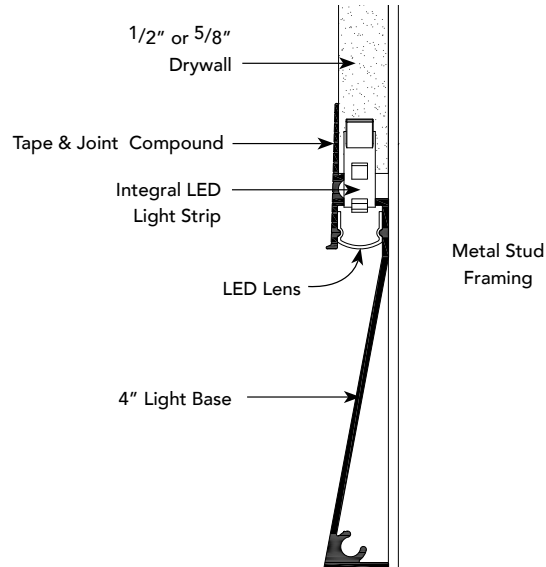
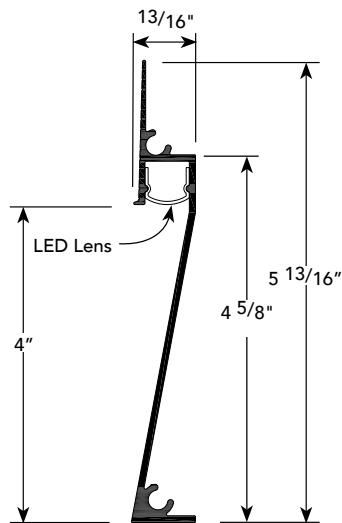


PRODUCT DETAIL

INSTALLATION DETAIL / Cross Section

LED LIGHT BASE

4" BASE



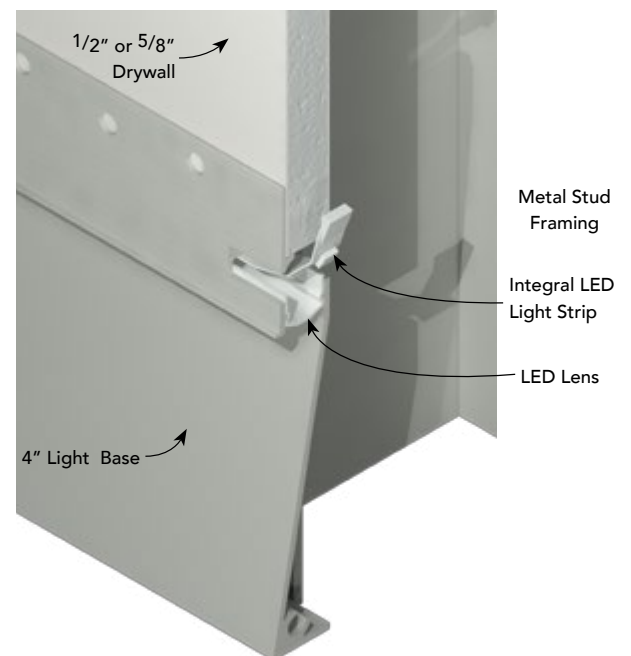
USAGE

Fry Reglet 4" Light Base installs in 1/2" or 5/8" drywall and provides a continuous band of light at the base of drywall partitions. Frosted lens included.

GUIDE SPECIFICATION

Where indicated on drawings, Fry Reglet 4" Light Base, as manufactured by Fry Reglet Corporation, shall be installed. Aluminum shall be extruded alloy 6063 T5, with clear anodized or powder coat finish. Specify length and Kelvin temperature.

INSTALLATION DETAIL / ISO View



LED LIGHT BASE

LIGHTING OPTIONS

4" BASE

LED'S / FT	KELVIN	LENGTH	PART #
32	2900	2'	LED-BS4A2C
		4'	LED-BS4A4C
		6'	LED-BS4A6C
		8'	LED-BS4A8C
		10'	LED-BS4A10C
	3000	2'	LED-BS4B2C
		4'	LED-BS4B4C
		6'	LED-BS4B6C
		8'	LED-BS4B8C
		10'	LED-BS4B10C
	3500 AVAILABLE QUICKSHIP	2'	LED-BS4C2C
		4'	LED-BS4C4C
		6'	LED-BS4C6C
		8'	LED-BS4C8C
		10'	LED-BS4C10C
	4100	2'	LED-BS4D2C
		4'	LED-BS4D4C
		6'	LED-BS4D6C
		8'	LED-BS4D8C
		10'	LED-BS4D10C

C = CLEAR ANODIZED

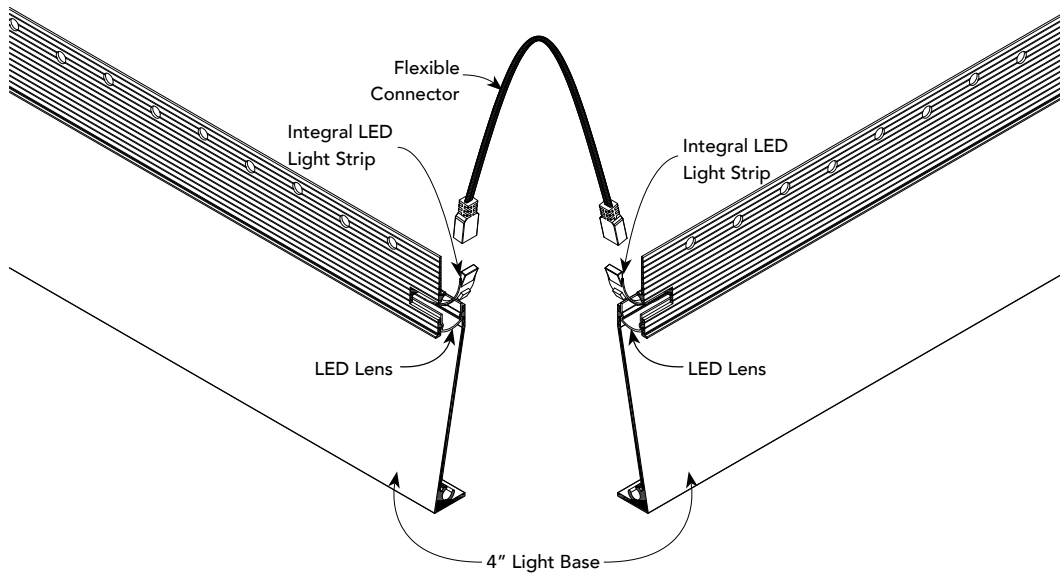
P = PAINTED

PRODUCT DETAIL

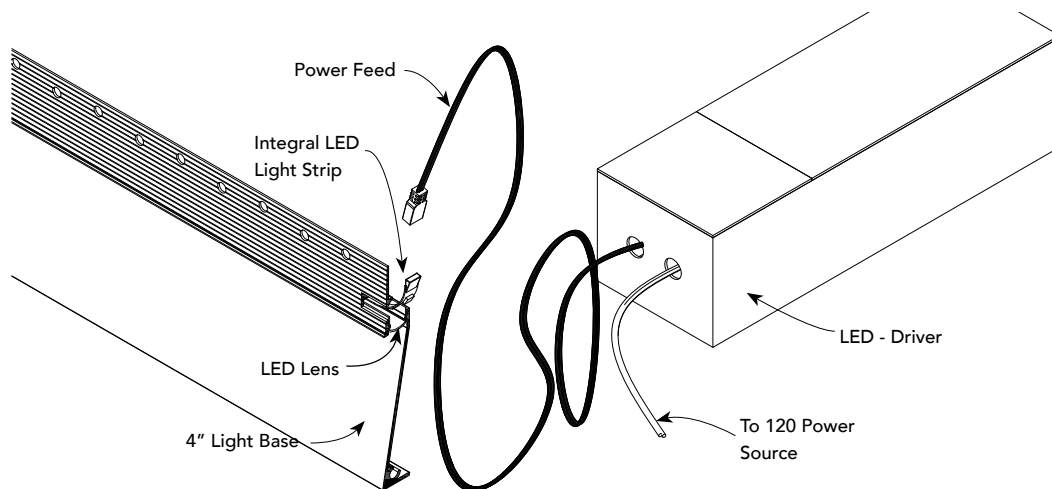
LED LIGHT BASE

4" BASE

LED - REVEAL TO REVEAL CONNECTION DETAIL



LED - REVEAL TO DRIVER CONNECTION DETAIL

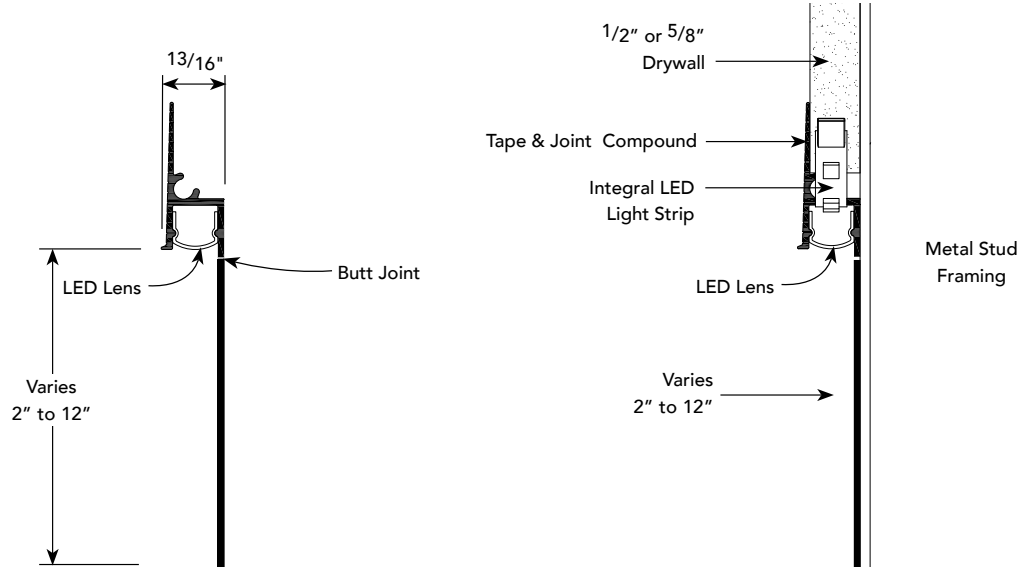


LED FLAT BASE

PRODUCT DETAIL

INSTALLATION DETAIL / Cross Section

FLAT BASE 2" - 12"



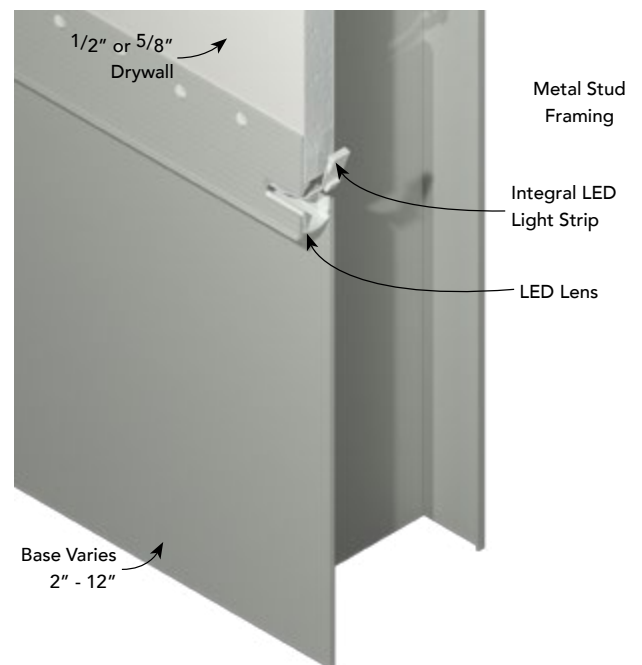
USAGE

Fry Reglet LED Flat Base 2" to 12" installs in 1/2" or 5/8" drywall and provides a continuous band of light at the base of drywall partitions. 2 - piece system allows for scribing to accommodate inconsistent floors. Frosted lens included.

GUIDE SPECIFICATION

Where indicated on drawings, Fry Reglet LED Flat Base, as manufactured by Fry Reglet Corporation, shall be installed. Aluminum shall be extruded alloy 6063 T5, with clear anodized or powder coat finish. Specify length and Kelvin temperature.

INSTALLATION DETAIL / ISO View



LIGHTING OPTIONS

LED FLAT BASE

FLAT BASE 2" - 12"

LED'S / FT	KELVIN	LENGTH	PART #
32	2900	2'	LED-FLATBASEA2_C
		4'	LED-FLATBASEA4_C
		6'	LED-FLATBASEA6_C
		8'	LED-FLATBASEA8_C
		10'	LED-FLATBASEA10_C
	3000	2'	LED-FLATBASEB2_C
		4'	LED-FLATBASEB4_C
		6'	LED-FLATBASEB6_C
		8'	LED-FLATBASEB8_C
		10'	LED-FLATBASEB10_C
	3500 AVAILABLE QUICKSHIP	2'	LED-FLATBASEC2_C
		4'	LED-FLATBASEC4_C
		6'	LED-FLATBASEC6_C
		8'	LED-FLATBASEC8_C
		10'	LED-FLATBASEC10_C
	4100	2'	LED-FLATBASED2_C
		4'	LED-FLATBASED4_C
		6'	LED-FLATBASED6_C
		8'	LED-FLATBASED8_C
		10'	LED-FLATBASED10_C

C = CLEAR ANODIZED

P = PAINTED

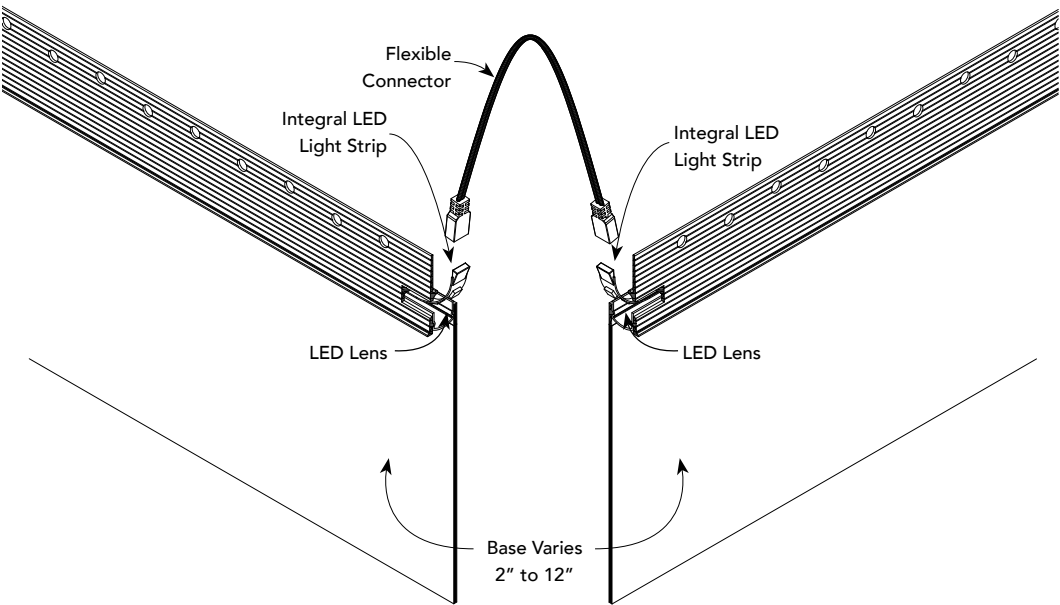
Example: LED-FLATBASEA2_C/P

Height of part 2" - 12"

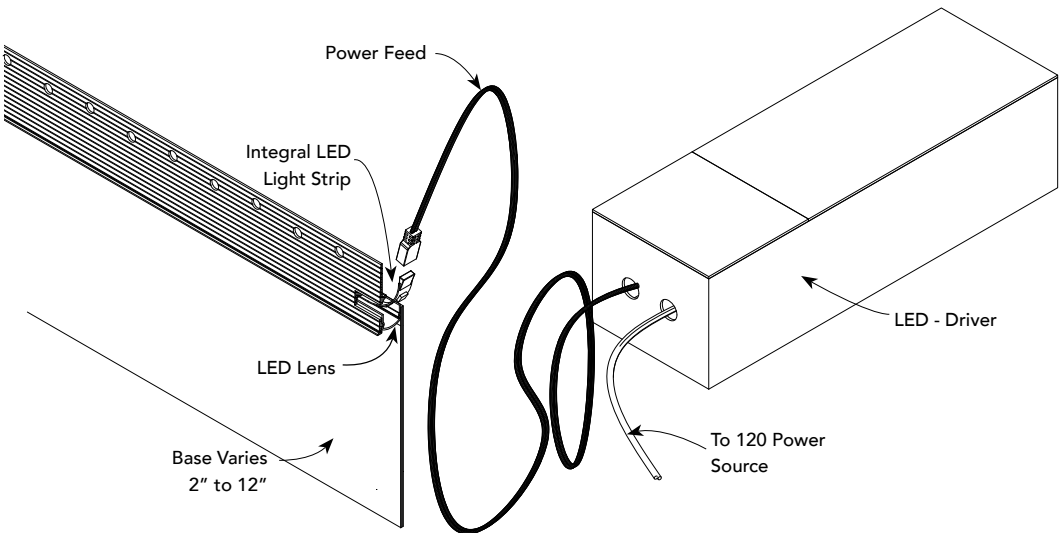


FLAT BASE 2" - 12"

LED - REVEAL TO REVEAL CONNECTION DETAIL



LED - REVEAL TO DRIVER CONNECTION DETAIL



ORDERING CODES

LED PRODUCTS

EXAMPLE	BASE PART NUMBER	COLOR TEMPERATURE	LENGTH	FINISH
4" Light Cove (Part # LED-CV4A2C)	LED-CV4	A	2	Clear Anodized (C)
4" Light Cove	LED-CV4	2900 (A)	2'	Clear Anodized (C)
1 1/2" Light Cove	LED-CV150	3000 (B)	4'	Painted (P)
3/4" Light Reveal	LED-RVL75	3500 (C)	6'	
4" Light Base	LED-BS4	4100 (D)	8'	
Reveal 5050	LED-RVL5050		10'	
LED-Flat Base	LED-FLATBASE			

PRODUCT DETAIL

Fry Reglet 1.5 inch Cuttable LED Strip - LUX-EP-1T5-35K	
ETL Listed to 2108 Low Voltage Lighting Products	
LEDs/ft	32
Luminous Flux 3500K	550lm
Power Consumption	3.84W/ft
Segment Length	1.5"
Segment Width	.39"
Maximum Run Length	20'
Input Voltage	24V
Input Current	0.02Amps / Segment
LED's per Segment	4
Flux (@3500K)	500lm/ft
LED	Samsung2835 / SPMWH1221FD5GBUMSB
Binning	Center Quarter Bin Mix (3 step) MacAdam Ellipse
Beam Angle	120°
CRI	80
CCT	3500K
UL	ETL Listed to UL 2108
Substrate	Polyimide

POWER SUPPLY

MODEL		LED-PWM-90-24
OUTPUT	DC VOLTAGE	24V
	RATED CURRENT	3.7A
	RATED POWER	90W
	DIMMING RANGE	0~100%
	PWM FREQUENCY (Typ.)	300Hz
	VOLTAGE TOLERANCE	±3.0%
	SETUP, RISE TIME (Note 2)	500ms, 80ms 115VAC / 230VAC at full load
	HOLD UP TIME (Typ.)	16ms/230VAC 16ms/115VAC at full load
INPUT	VOLTAGE RANGE	90 ~ 305VAC 127 ~ 431VDC
	FREQUENCY RANGE	47 ~ 63HZ
	POWER FACTOR	PF>0.98/115VAC, PF>0.96/230VAC, PF>0.94/277VAC at full load
	TOTAL HARMONIC DISTORTION	THD<20% when output loading≥60% at 115VAC/230VAC input and output loading≥75% at 277VAC input
	EFFICIENCY (Typ.)	90.5%
	AC CURRENT	0.95A / 115AC 0.5A / 230VAC 0.4A / 277VAC
	INRUSH Current (Typ.)	COLD START 60A(twidth=520μs measured at 50% ipeak) at 230VAC
	MAX> NO. of PSU's on 16A CIRCUIT BREAKER	3 units (circuit breaker of type B) / 6 units (circuit breaker of type C) at 230VAC
	LEAKAGE CURRENT	<0.25mA / 277VAC
PROTECTION	OVERLOAD	108 ~120% RATED OUTPUT POWER
		Protection type: Hiccup mode, recovers automatically after fault condition is removed
	SHORT CIRCUIT	Hiccup mode, recovers automatically after fault condition is removed
	OVER VOLTAGE	28 ~34V
		Protection type: Shut down o/p voltage, re-power on to recovery
	OVER TEMPERATURE	Shut down o/p voltage, re-power on to recover
ENVIRON- MENT	WORKING TEMPERATURE	-40 ~ +70°C
	WORKING HUMIDITY	20 ~ 95% RH non condensing
	STORAGE TEMP. HUMIDITY	-40 ~ +80°C, 10 ~ 95% RH
	TEMP. COEFFICIENT	±0.03%/°C (0 ~50°)
	VIBRATION	10 ~500Hz, 5G 12min./1cycle, period for 72min. each along X, Y, Z axes
SAFETY & EMC	SAFETY STANDARDS	UL8750, CSA C22.2 No. 250.13-12, ENEC EN61374-1; EN61347-2-13, EN62384 independent, IP67 approved; Design refer to EN60335-1
	WITHSTAND VOLTAGE	I/P-O/P:3.75KVAC
	ISOLATION RESISTANCE	I/P-O/P:100M Ohms / 500VDC/ 25°C / 70% RH
	EMC EMISSIONS	Compliance to EN55015, EM61000-3-2 Class C (≥60% load) ; EN61000-3-3
	EMC IMMUNITY	Compliance to EN61000-4-2, 3, 4, 5, 6, 8, 11; EN61547, light industry level(surge L-N : 2KV) criteria A
NOTE		1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Length of set up time is measured at first cold start. Turning ON/OFF the power supply may lead to increase set up time.

PRODUCT DETAIL

LED ACCESSORIES

ACCESSORIES

FIELD-CUT CONNECTORS

A - FLEXIBLE

Each extruded profile is shipped with integral LED light strips factory installed, and a 3" long flexible connector for attachment to abutting profile.

A

**B - RIDGED CONNECTOR**

B

**C - FLEXIBLE POWER FEED**

Power feed connector is required for each continuous run of 90 Watts, for connection to the power supply. Power feed connectors are sold separately.

C

**D - "L" CONNECTOR**

D



Single Rocker Pad - Self Powered Wireless Control

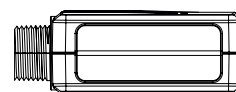
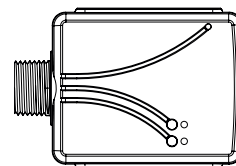
Mx-ESRP-ESDP Rocker Pad/Switch

Power Supply	Electrodynamic harvesting
Inputs / Outputs	1 Button Rocker Switch Radio Frequency (RF) Transmitter
Transmission Range	80ft. (25m)
RF Transmission	On Press and Release of Rocker Button
Dimensions	3.8"H x 3.4"W x .85"D
Weight	3.5oz.
Mounting	Surface mounted on wall (using included mounting screws) Can also be flush mounted by optional use of electrical wall box or low-voltage ring
Environment	Indoor use only
	32° to 131° F (0° to 55°C) 5% to 95% relative humidity (non-condensing)
Agency Listing	FCC, I.C.

**Single Channel Lighting Control Module**

Mx-USR-L1

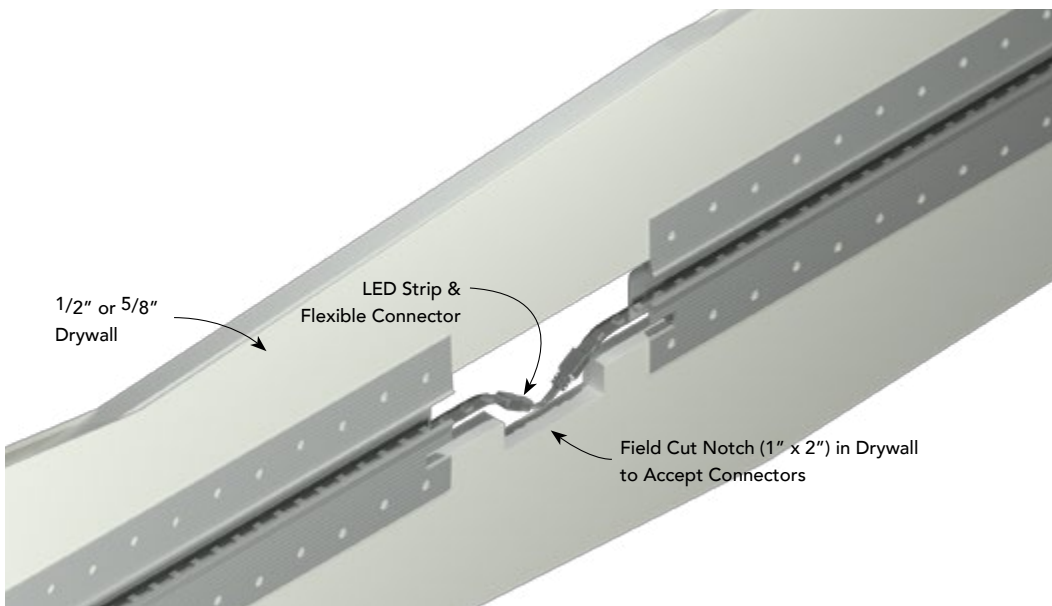
Range	150feet (50-150 typical)
Profile	A5-38-08 Type 0x02 Dimming
Input Voltage	120/277 VAC
Max Switch Power	3300W @ 277VAC
Max Switch Current	20A
Relay Output	1 N.O. and 1 Common contact
Dimmer Output	0-10V 30mA (sinking drivers)
Ambient Operating Temperature	37°C for 3300 W load @ 277 VAC
Certifications	ETL/Intertek - UL 244A FCC United States) SZV-TCM3XXX IC Canada) 5713A-TCMXXX
Dimensions	2.939" x 2.319" x 1.25"



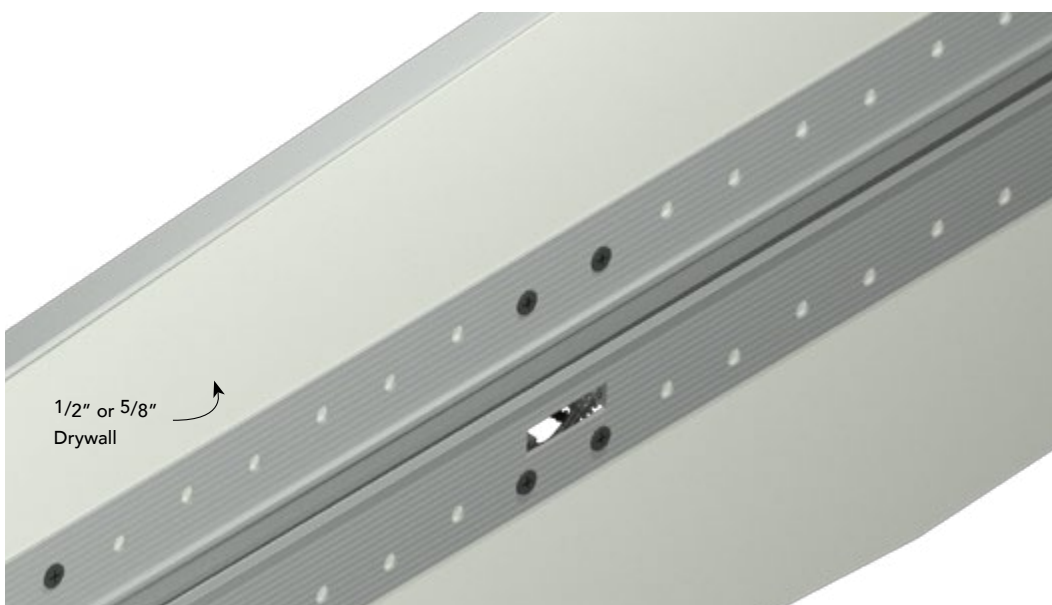
INSTALLATION DETAIL

LED ACCESSORIES

TUCK EXCESS LED STRIP AND FLEXIBLE CONNECTION IN DRYWALL NOTCH



BUTT PROFILES TOGETHER, TAPE AND FINISH AS REQUIRED



FRY REGLET

800-237-9773 | www.fryreglet.com