Omegalux®1200
Linear Wallwash LED

120-277VAC

Project

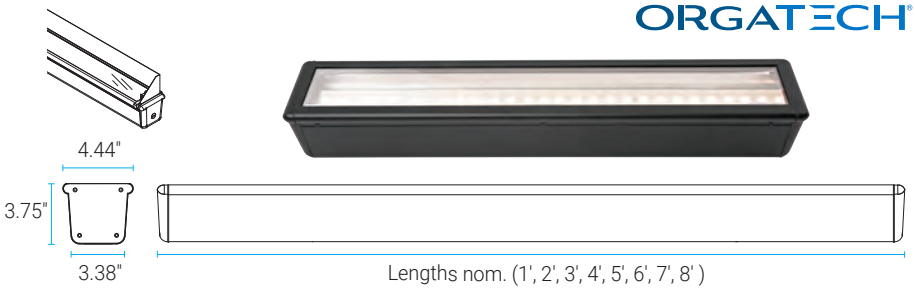
Date

LS 3.5W/ft	Delivered Output	Watts
1ft	273lm	3.5w
2ft	546lm	7w
3ft	819lm	10.5w
4ft	1092lm	14w
5ft	1365lm	17.5w
6ft	1638lm	21w
7ft	1911lm	24.5w
8ft	2184lm	28w

LH 4.5W/ft	Delivered Output	Watts
1ft	351lm	4.5w
2ft	702lm	9w
3ft	1053lm	13.5w
4ft	1404lm	18w
5ft	1755lm	22.5w
6ft	2106lm	27w
7ft	2457lm	31.5w
8ft	2808lm	36w

LEH 6.7W/ft	Delivered Output	Watts
1ft	523lm	6.7w
2ft	1046lm	13.4w
3ft	1559lm	20.1w
4ft	2029lm	26.8w
5ft	2615lm	33.5w
6ft	3138lm	40.2w
7ft	3661lm	46.9w
8ft	4184lm	53.6w

LXH 13.4W/ft	Delivered Output	Watts
1ft	1046lm	13.4w
2ft	2092lm	26.8w
3ft	3138lm	40.2w
4ft	4184lm	53.6w
5ft	5230lm	67w
6ft	6276lm	80.4w
7ft	7322lm	93.8w
8ft	8368lm	107.2w



ORGATECH

DESCRIPTION

High performance linear wallwash luminaire. Stand alone or connectable in runs up to 295ft with daisy chain. Lens options enable grazing or long throw, and increase peak lumen output up to five times for high illuminance, long throw, and improved energy efficiency. Select 30˚ or 45˚ lensing for optimum performance and aiming when installing 6in to 4ft off the illuminated surface. Cool running fixtures endure extreme climates. Perfect for facade and landscape applications, with unparalleled uniformity.

FEATURES

Construction	Powder coated aluminum fixtures. Polycarbonate lenses.
Length (nom.)	1ft, 2ft , 3ft , 4ft , 5ft, 6ft, 7ft, 8ft
Weight	3lbs/ft
White CCT	2700K, 3000K, 3500K, 4000K, 5000K
Dimming	Non-dimming, 0-10V Dimming, Forward Phase (TRIAC), Reverse Phase (ELV)
Optics	15˚, 30˚, 45˚, 120˚
Mounting	Swivel Mount, Extended Arm, L Bracket & Permapost
Finish	Powder Coated White, Black, Bronze, Silver, Custom

PERFORMANCE

Electrical	120-277V AC, Row Interconnection or Daisy Chain with input/output IP67 Jumper Cables.
LED Wattage	**LS** 3.5W/ft (273lm/ft) / **LH** 4.5W/ft (351lm/ft) / **LEH** 6.7W/ft (523lm/ft) **LXH** 13.4W/ft (1046lm/ft)
Max Run	295ft
Environment	Wet Location - IP65. Operating Temperature - 22˚F to 122˚F
Warranty	5 yr / 50,000 hour limited warranty
CRI	93+
Certifications	UL Listed, ROHS, 3G Rated (up to 6ft), UL Tested in accordance to ANSI C136.31-2018, BAA and BABA Options Available

ORDERING GUIDE Make selections by filling out the top row or highlighting options.

1200										
SERIES	**LENGTH**	**OUTPUT**	**CCT**	**VOLTAGE**	**CONTROL**	**OPTICS**	**MOUNTING**	**FINISH**	**ACCESSORY**	**CERTIFICATIONS**
1200	**1** 1'nom **2** 2'nom **3** 3'nom **4** 4'nom **5** 5'nom **6** 6'nom **7** 7'nom **8** 8'nom **Rx** ROWx (x=length)	**LS** STANDARD **LH** HIGH **LEH** EXTRA HIGH **LXH** EXTREMELY HIGH	**27** 2700K **30** 3000K **35** 3500K **40** 4000K **50** 5000K	**U** 120-277V	**ND** NON DIMMING **D1** 0-10V DIMMING **TRI** FORWARD PHASE **ELV** REVERSE PHASE	**15** 15° **30** 30° **45** 45° **120** 120°	**SW** SWIVEL MOUNT **LB** L BRACKET	**WH** WHITE **BL** BLACK **BZ** BRONZE **SO** SILVER **CU** CUSTOM	**B** BLADE LOUVER **G** GLARE SHIELD **Ax** EXTENDED ARM (x=length) **P** PERMAPOST **M** MARINE GRADE FINISH **2** NATATORIUM **WAF*** WILDLIFE AMBER FILTER **SF**** SURGE PROTECTOR & INLINE FUSE **N** NONE	**BAA** BAA **BABA** BABA **N** NONE

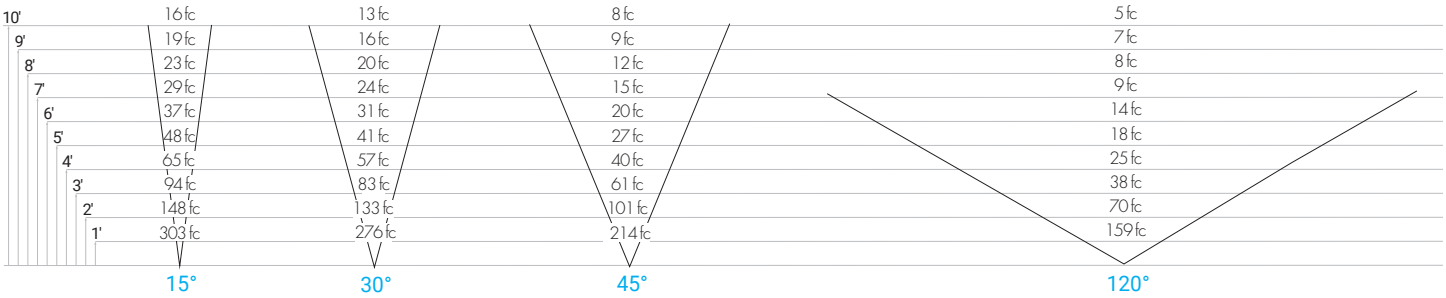
*RECOMMENDED FOR USE WITH 4000K, 3500K, 3000K, 2700K ONLY **SF OPTION REQUIRES VOLTAGE REQUIREMENT TO NOT EXCEED 240VAC / ONLY AVAILABLE ON (U) UNIVERSAL VOLTAGE SYSTEMS

SPECIFICATIONS SHEETS ARE SUBJECT TO CHANGE WITHOUT NOTIFICATION.

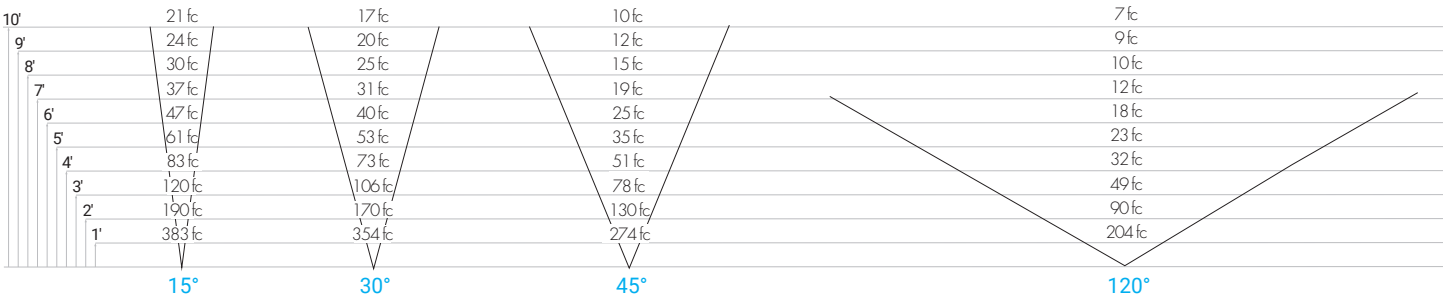
PHOTOMETRICS AND OPTICS

Aiming fixtures with the lens options shown enable perfect asymmetric performances to meet the needs of any wallwashing project. Combining easy specification with easy aiming for long throw with even, shadowless distribution.

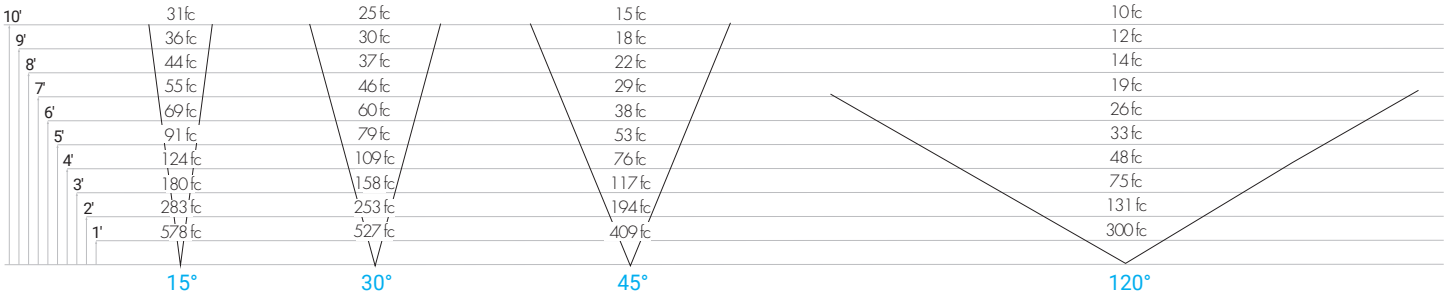
PHOTOMETRIC DATA - LS 3.5W/ft *(based off 4ft fixture)*



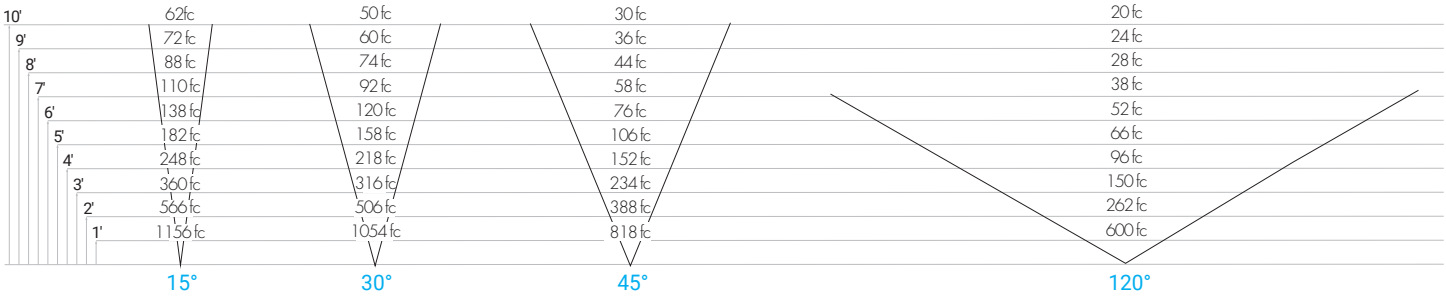
PHOTOMETRIC DATA - LH 4.5W/ft *(based off 4ft fixture)*



PHOTOMETRIC DATA - LEH 6.7W/ft *(based off 4ft fixture)*



PHOTOMETRIC DATA - LXH 13.4W/ft *(based off 4ft fixture)*

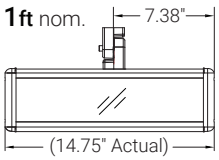


OPTICS

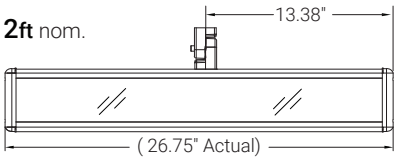
Specifications sheets are subject to change without notification.

FIXTURE SIZES

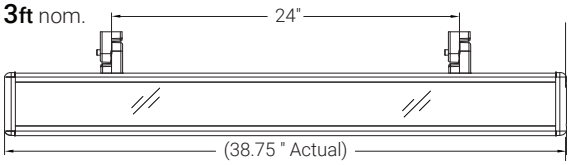
1ft nom.



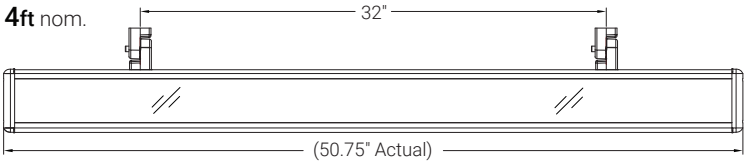
2ft nom.



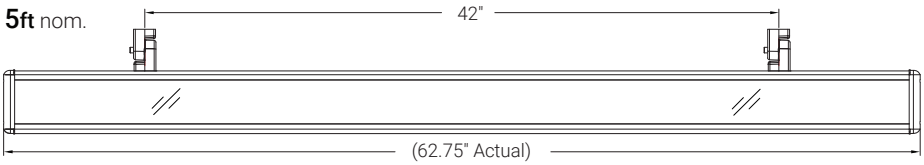
3ft nom.



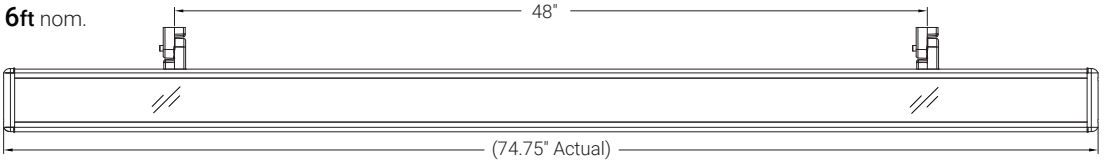
4ft nom.



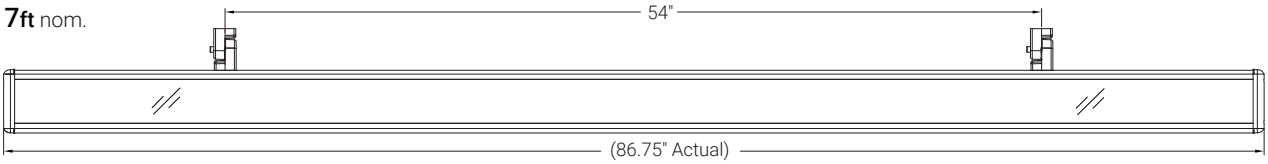
5ft nom.



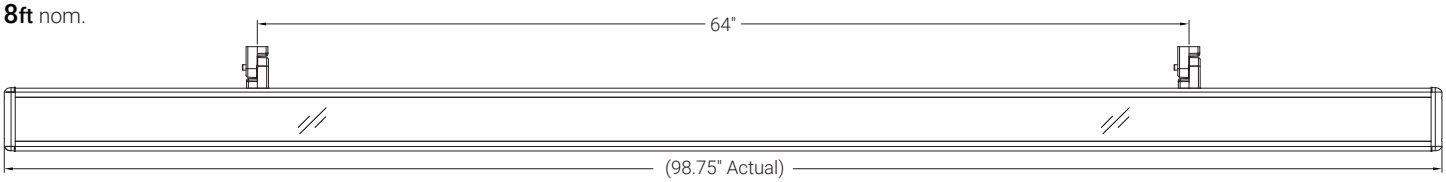
6ft nom.

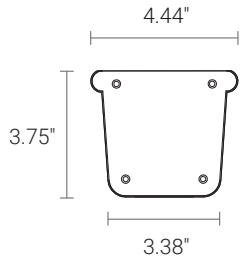


7ft nom.



8ft nom.





FINISHES (POWDER COATED)

WHITE | BLACK | BRONZE

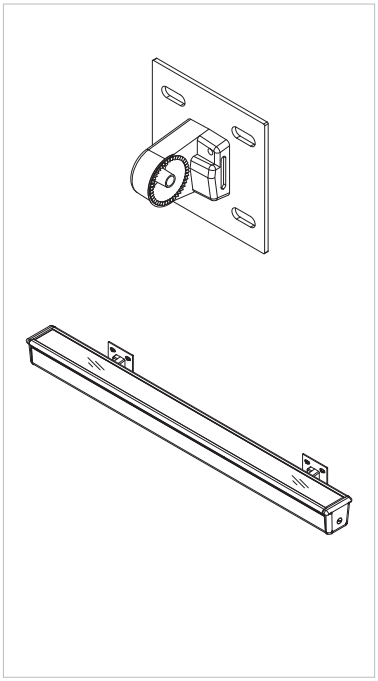
SILVER | CUSTOM

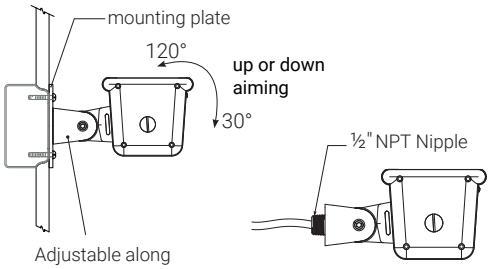
Specifications sheets are subject to change without notification.

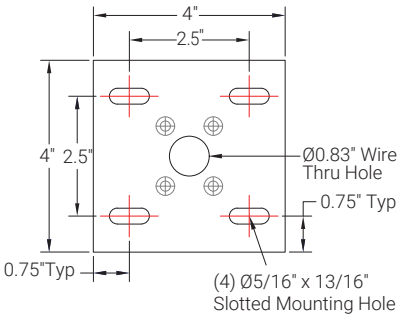
MOUNTING INSTALLATION

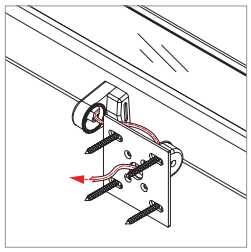
SW Swivel Mount

A heavy duty adjustable swivel mount with mounting plate. Wires are routed through the swivel mount, exiting close to the wall to connect to an adjacent j-box or other power outlet, providing a tidy installation. 1/2" nipple (can be specified) mounts directly to weatherproof canopies.
*(2) Swivel Mounts needed per fixture for 3G rating to apply.

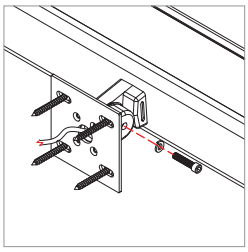




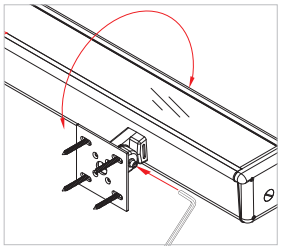




1. Feed wire into wire thru hole on the Swivel mount



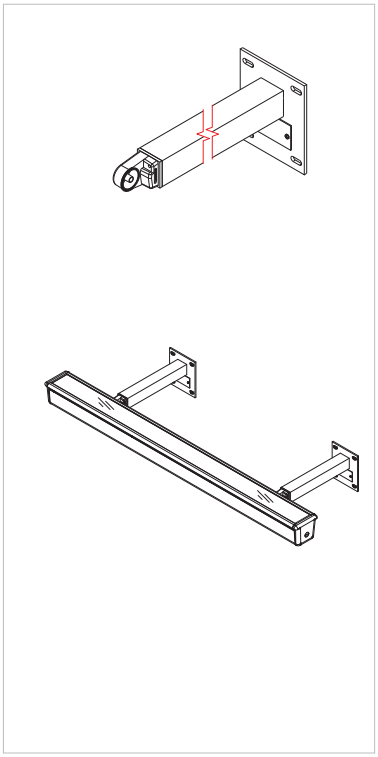
2. Attach swivels and loosely secure with swivel screw(s)

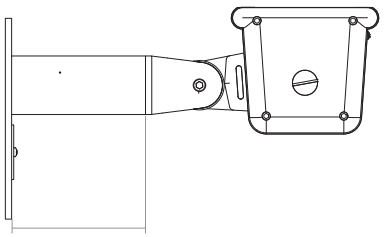


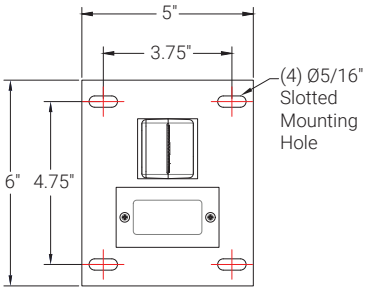
3. Rotate fixture to desired angle and secure.

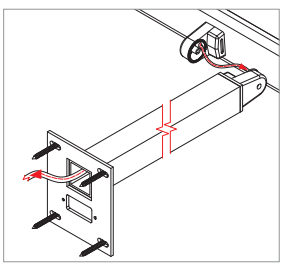
Ax Extended Arm

With swivel mount, extended arm is available in 4"-36" lengths. Power cords are routed through arms, exiting close to the wall to connect to an adjacent j-box or other power outlet, providing a tidy installation.

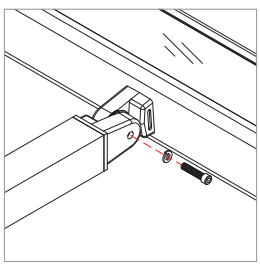




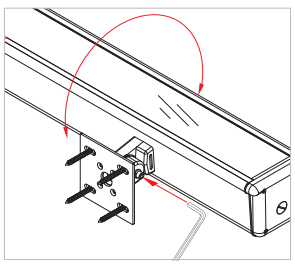




1. Feed wire into wire-thru hole on the Swivel mount



2. Attach swivels and loosely secure with swivel screw(s)



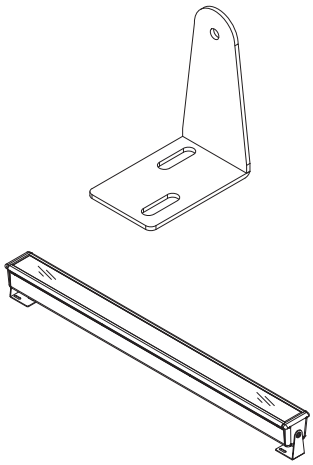
3. Rotate fixture to desired angle and secure.

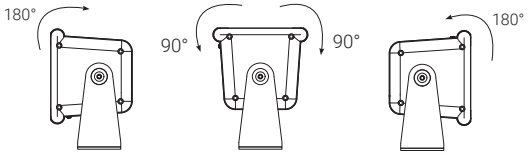
Specifications sheets are subject to change without notification.

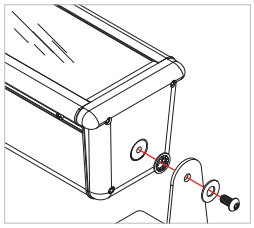
MOUNTING INSTALLATION

LB L Bracket

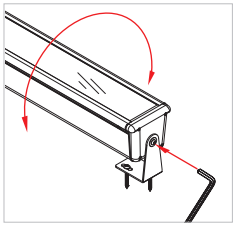
Allows for a surface mounting with a swivel tilt. Weatherproof cord exits 3" from the back right end of individual fixtures with the lens in the up position.







Insert fixture(s) in between the secured L Brackets. Secure with cap hardware.



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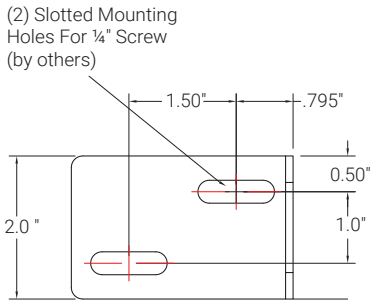
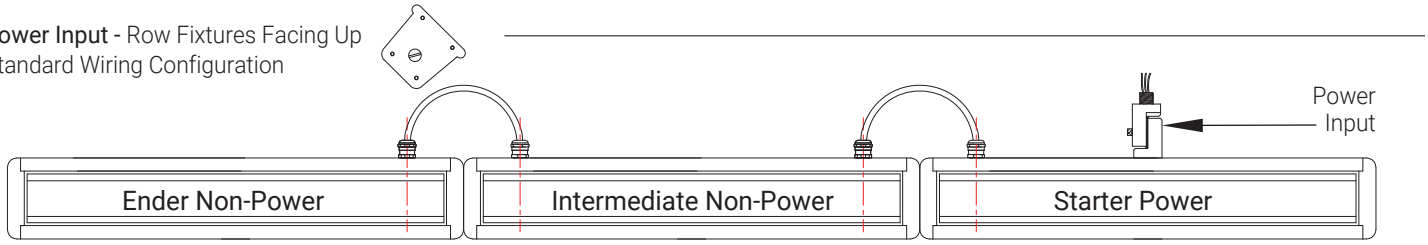
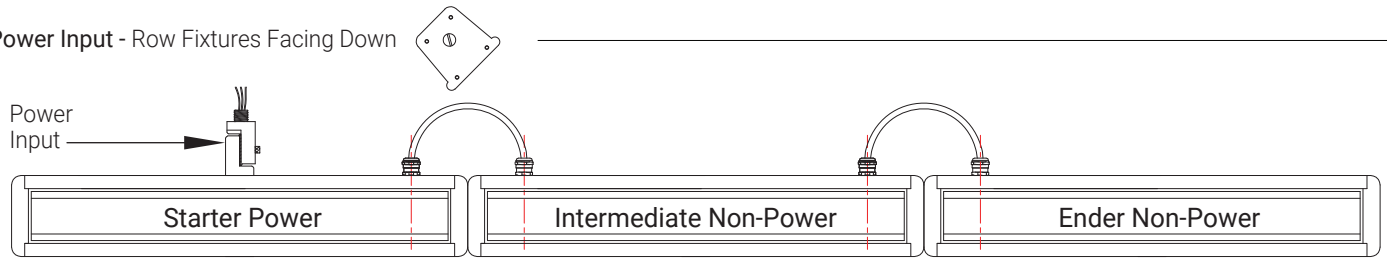


ROW MOUNTING

Power Input - Row Fixtures Facing Up
Standard Wiring Configuration

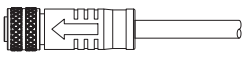


Power Input - Row Fixtures Facing Down



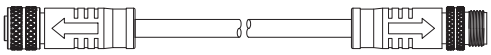
Rows are calculated with standard fixture dimensions and will leave no gap between each fixture. For exact lengths, request a custom run and specify the exact run length.

STARTER CABLE



(input side)

JUMPER CABLE



(input side) (output side)

PART #	DESCRIPTION
M12-SC-4FT	48" Starter Cable

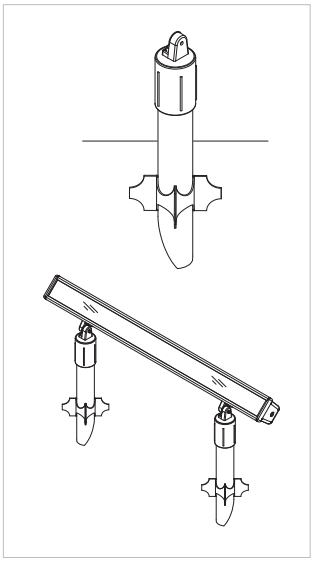
PART #	DESCRIPTION
M12-JC-1FT	12" Jumper Cable
M12-JC-2FT	24" Jumper Cable
M12-JC-3FT	36" Jumper Cable
M12-JC-4FT	48" Jumper Cable

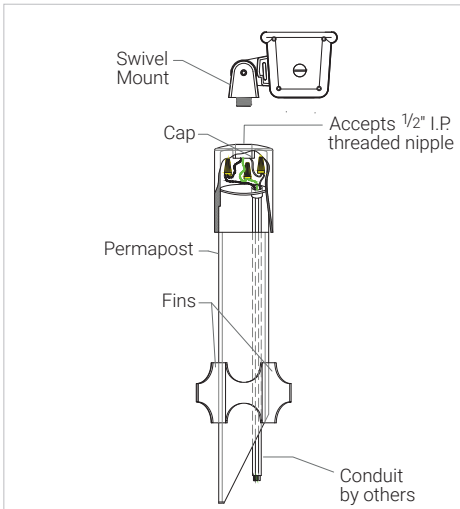
*longer cable lengths available per request.

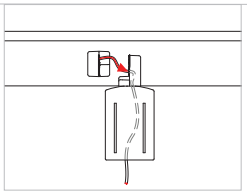
ACCESSORIES

P Permapost

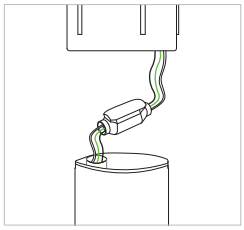
Provides easy at-grade installation. Includes swivel mount with 1/2" nipple. Fixture must be mounted at least 4" above ground level to avoid water accumulation.



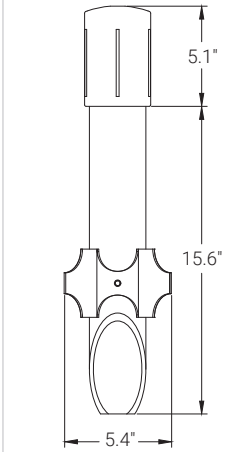




Insert fixture power leads into permapost cap Swivel Mount.

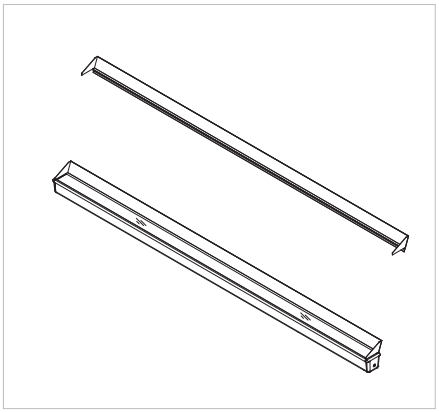


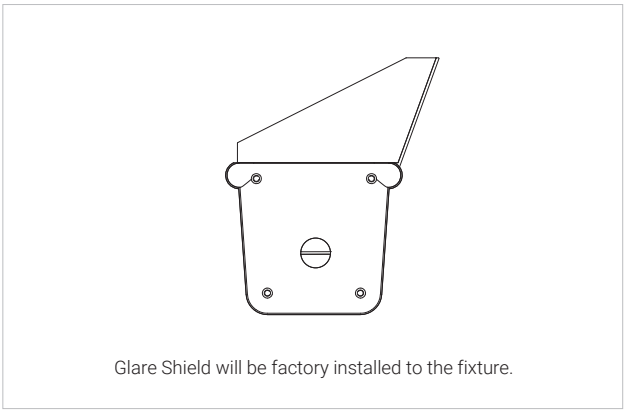
Wire fixture inside the permapost stem. Use only waterproof connectors (by others).



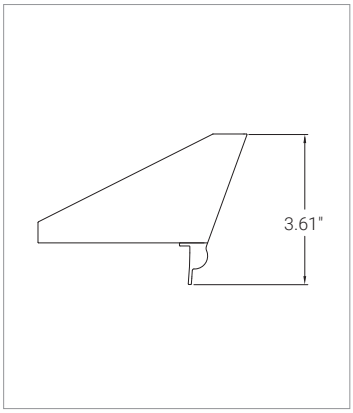
G Glare Shield

Minimizes a direct glare, while maintaining the LED output. Factory installed.



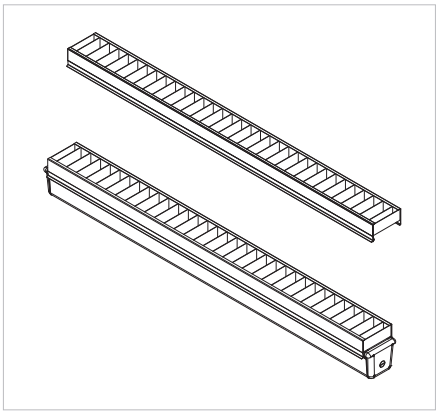


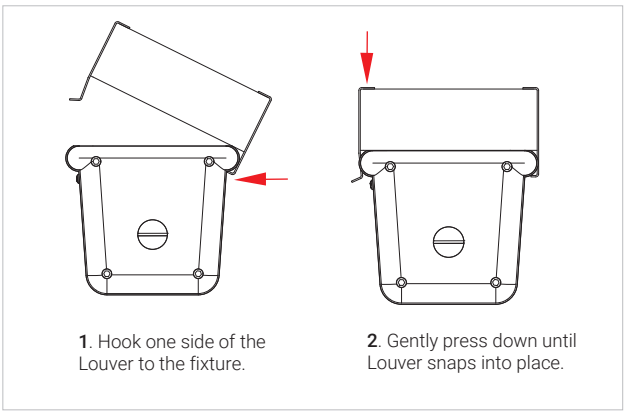
Glare Shield will be factory installed to the fixture.



B Blade Louver

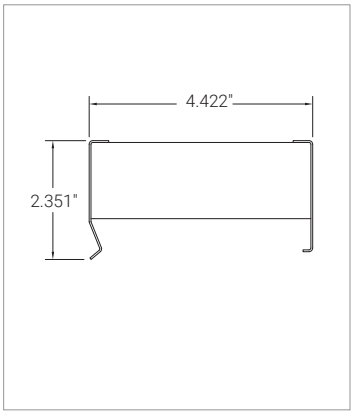
Minimizes a horizontal glare, while maintaining the LED output.





1. Hook one side of the Louver to the fixture.

2. Gently press down until Louver snaps into place.



Specifications sheets are subject to change without notification.

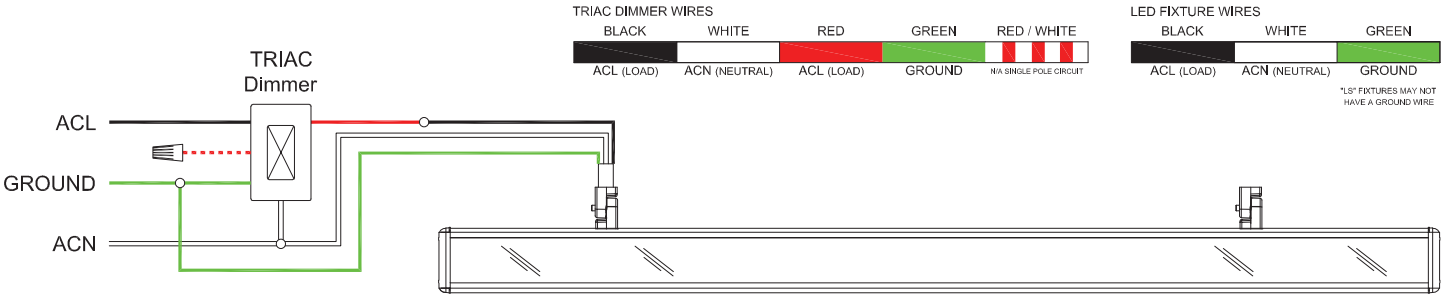
ELECTRICAL DETAILS

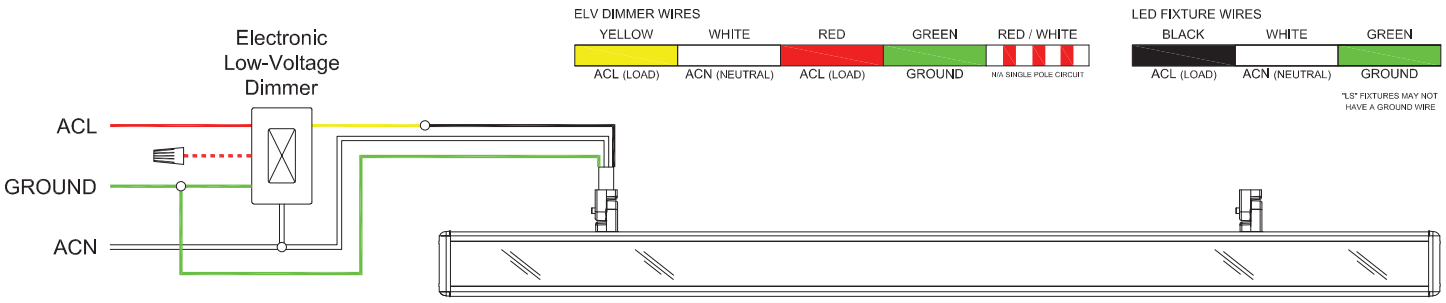
Non-Dimming | 3 Wire

0-10V Dimming | 5 Wire

TRIAC | Forward Phase | 3 Wire

Based on Lutron DIVA C•L DVCL-253P 250W



ELV | Reverse Phase | 3 Wire

Based on Lutron DIVA DVRP-253P 250W & Lutron DIVA DVELV-303P-WH 300W