LinmoreLED®
ULTRA PERFORMANCE LIGHTING

OUTDOOR
Lighting Guide

linmoreled.com

Overview

Site Lighter Area Light

An exceptional blend of performance, efficiency and sleek design.

The Site Lighter (SL2) is not just another area light. It's a fixture born from engineering precision and a relentless focus on performance.

Instead of relying on conventional cast or welded housings, the SL2 is crafted from a solid extruded aluminum body. This foundation gives it remarkable strength and allows for superior thermal management, which translates into long-lasting reliability.

At the heart of the SL2 is Linmore's proprietary HiOptiX™ lens technology. Each lens is tailored to direct light exactly where it's needed, eliminating waste and creating exceptional uniformity. The result is crisp, efficient illumination that enhances safety, reduces energy consumption, and elevates the look of any outdoor space. In addition, DarkSky-compliant options reduce light pollution and protect nocturnal wildlife.

The SL2 is built for more than everyday conditions. It has been 5G vibration tested and offers an extreme surge protection option capable of withstanding up to 40 strikes at 20kV. Its LEDs have been independently tested and verified to resist salt fog, sulfur exposure, high humidity, and sudden thermal shocks.

Every detail of the fixture is engineered and tested to ensure it keeps shining, no matter the challenge, backed by a 10-year performance warranty covering L70 lumen maintenance and the LED driver.

For those who value flexibility, the SL2 delivers. Its EZ-Connect™ receptacle allows motion sensors, photocells, or UltraLink™ Bluetooth controls to be added at any time. Maintenance crews will also appreciate the easy-access power supply compartment, which makes driver replacement and wiring adjustments quick and straightforward.

The Linmore SL2 is more than a light. It's peace of mind, engineered for the future of exterior lighting.

SL2

Site Lighter Area Light

The Site Lighter Wall Pack (SLW2) matches the SL2 fixture design, providing a uniform look throughout the installation.

SL2 at a Glance

- **Construction:** Extruded aluminum
- **LEDs:** Salt, fog and sulfur protected
- **Lumen Output:** 8,000 to 125,000 lumens
- **Power Consumption:** 56 to 765 watts
- **Efficacy:** Up to 176 lumens per watt
- **Ambient Range:** -40°C to 55°C (-40°F to 130°F)
- **Input Voltage:** 100-277V or 277-480V
- **Controls:** EZ-Connect receptacle for Plug & Play motion sensors and UltraLink wireless controls

10 YEAR PERFORMANCE WARRANTY L70

VISION AWARDS 2025 WINNER facilitiesnet

Ready

DLC LISTED PREMIUM

DARKSKY APPROVED Reduces light pollution Certified by DarkSky.org

BUY AMERICAN ACT COMPLIANT

IP65

IK08

up to 20kV

0-10V

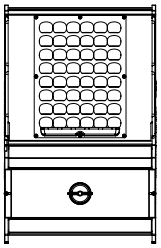
Built to last, the SL2's precision-engineered fins and solid extruded aluminum body keep heat in check and performance at its peak.

Performance, Perfected

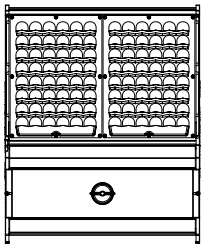
Precision optics and multiple sizes deliver versatility and optimal performance for every project.

		MODEL	LUMENS				
Size	Watts	Optic Type (#)	T2	T3	T4	T5	T5W
SM	56	SL2-A1-08K-SM-#	9,133	8,288	8,934	9,390	9,651
SM	84	SL2-A1-12K-SM-#	13,592	12,334	13,296	13,974	14,362
SM	108	SL2-A1-15K-SM-#	16,680	15,136	16,317	17,149	17,625
SM	133	SL2-A1-18K-SM-#	19,872	18,033	19,440	20,431	20,999
MD	143	SL2-A1-21K-MD-#	23,464	21,292	22,953	24,124	24,794
MD	161	SL2-A1-24K-MD-#	26,712	24,240	26,131	27,464	28,227
MD	209	SL2-A1-30K-MD-#	33,277	30,197	32,552	34,213	35,163
MD	226	SL2-A1-32K-MD-#	34,917	31,685	34,156	35,899	36,896
LG	255	SL2-A1-38K-LG-#	42,014	38,125	41,099	43,196	44,395
LG	322	SL2-A1-46K-LG-#	50,919	46,206	49,810	52,351	53,805
LG	374	SL2-A1-52K-LG-#	58,099	52,721	56,833	59,733	61,392
XL	435	SL2-A1-62K-XL-#	68,689	62,331	67,193	70,621	72,582
XL	510	SL2-A1-71K-XL-#	78,997	71,685	77,276	81,219	83,475
XXL	765	SL2-A1-105K-XXL-#	117,577	106,694	115,016	120,884	124,241

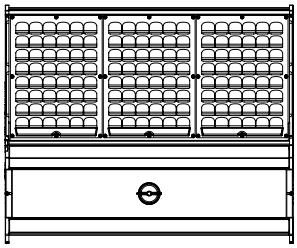
Typical lumen output (±10%) at 120V under 25°C ambient temperature at 5000K. CCT multipliers: 5000K (1.00), 4000K (0.990), 3500K (0.983), 3000K (0.953), 2700K (0.927), 2200K (0.859).



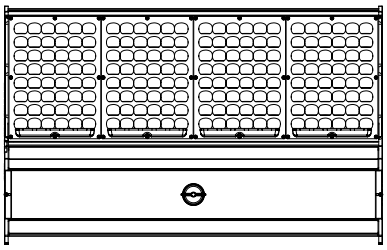
SM
1 Optic



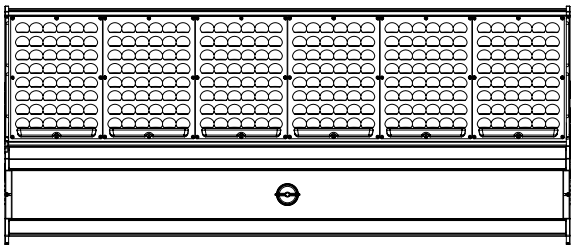
MD
2 Optics



LG
3 Optics



XL
4 Optics



XXL
6 Optics

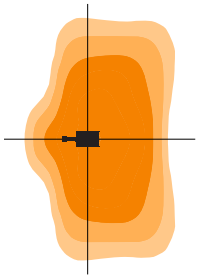
	AFR	FRL	FRR	F35	F60	TFTM
	8,992	8,934	8,918	9,291	8,371	8,868
	13,382	13,296	13,271	13,826	12,457	13,197
	16,423	16,317	16,286	16,967	15,287	16,196
	19,566	19,440	19,404	20,215	18,213	19,295
	23,102	22,953	22,910	23,868	21,505	22,782
	26,300	26,131	26,082	27,173	24,482	25,937
	32,764	32,552	32,492	33,851	30,499	32,311
	34,378	34,156	34,093	35,519	32,002	33,903
	41,366	41,099	41,023	42,738	38,506	40,794
	50,134	49,810	49,718	51,797	46,668	49,440
	57,202	56,833	56,728	59,100	53,248	56,411
	67,629	67,193	67,068	69,873	62,954	66,694
	77,778	77,276	77,133	80,359	72,402	76,703
	115,763	115,016	114,803	119,604	107,761	114,163

Precision Light, Zero Waste

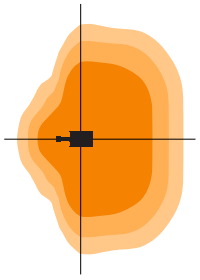
HiOptiX™

Proprietary HiOptiX™ lens technology delivers light precisely where needed.

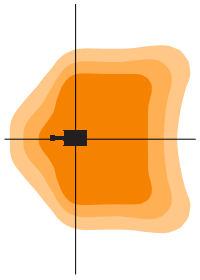
T2
Type II



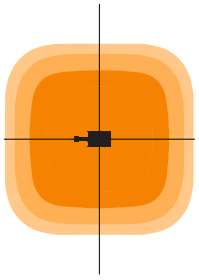
T3
Type III



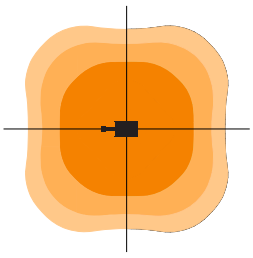
T4
Type IV



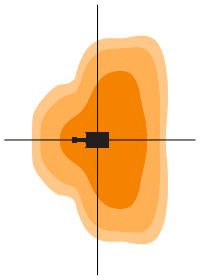
T5
Type V



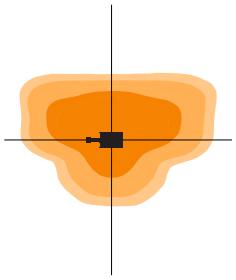
T5W
Type V Wide



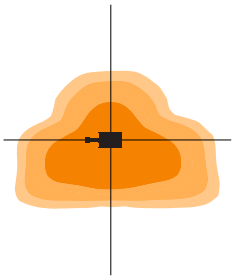
AFR
Automotive Front Row



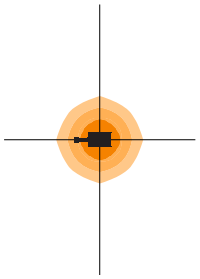
FRL
Front Row Left



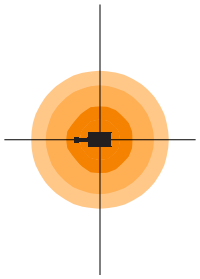
FRR
Front Row Right



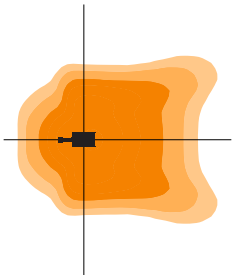
F35
Flood 35 degrees



F60
Flood 60 degrees



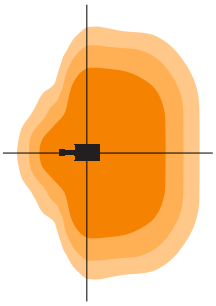
TFTM
Forward Throw Medium



Glare Shields

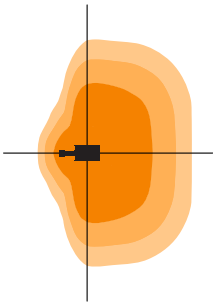
No BLS

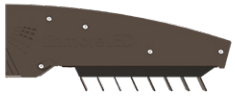
Type III Optic



GSB

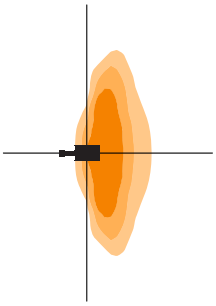
Type III Optic





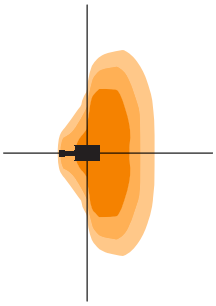
BLS

Type III Optic



BLS Low Cutoff

Type III Optic

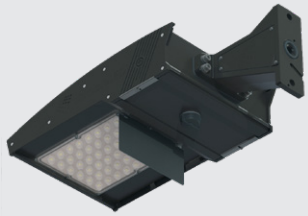


GSB = Black Glare Shield.
BLS = Back Light Glare Shield (not available for T4 optics).

Glare shields must be ordered separately as an accessory for field installation. All glare shields are matte black to suppress reflections and ensure consistent optical performance. Other colors are not available, as they may cause unwanted reflections and alter the designed light distribution pattern.

Side Glare Shield

Front Glare Shield



Back Glare Shield

Back Light Glare Shield

Over

SLW2

Site Lighter Wall Pack

10 YEAR PERFORMANCE WARRANTY L70

Ready

DLC LISTED PREMIUM

DARKSKY APPROVED Reduces light pollution Certified by DarkSky.org

BUY AMERICAN ACT COMPLIANT

IP65

IK08

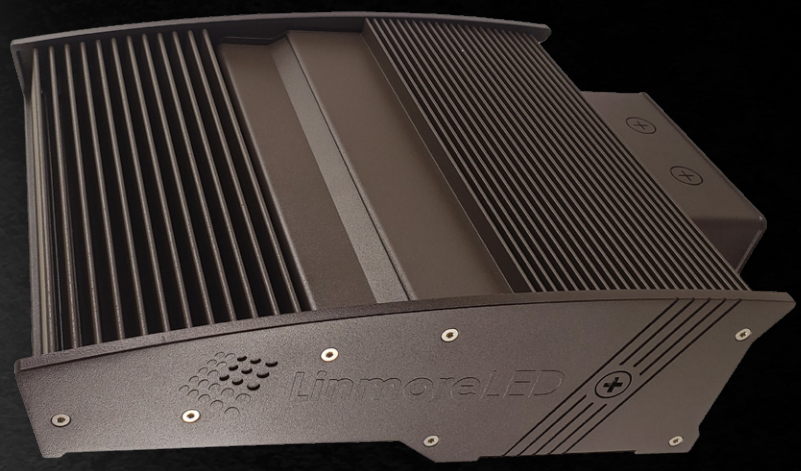
up to 20kV

0-10V

SLW2 at a Glance

- **Construction:** Extruded aluminum
- **LEDs:** Salt, fog and sulfur protected
- **Lumen Output:** 4,700 to 18,300 lumens
- **Power Consumption:** 32 to 134 watts
- **Efficacy:** Up to 156 lumens per watt
- **Ambient Range:** -40°C to 55°C (-40°F to 130°F)
- **Input Voltage:** 100-277V or 277-480V
- **Controls:** EZ-Connect receptacle for Plug & Play motion sensors and UltraLink wireless controls
- **Emergency Battery Backup:** 16W (as an option)

The Wall Pack That Redefines Performance and Style



A Unified Design Language
Building on the success of Linmore's Site Lighter (SL2), the SLW2 was created to extend the same clean, architectural look to wall-mounted applications.

Together, the SL2 and SLW2 create a cohesive family of luminaires that carry a consistent design signature across parking areas, pathways, and façades. For architects and lighting designers seeking harmony between site and structure, the SLW2 completes the vision by bringing visual continuity and modern elegance to every corner of the environment.

Built to Endure, Engineered to Perform
Crafted from extruded aluminum, the SLW2's housing and heat sink form a single, integrated body for exceptional strength and thermal management. The minimalist design conceals impressive engineering: efficient heat dissipation that protects LEDs, extends life, and maintains long-term performance.

Precision Optics, Smarter Efficiency
Equipped with T3 HiOptiX™ lenses, the SLW2 delivers uniform, controlled illumination with minimal glare and light spill. The result is clean, efficient lighting that enhances visibility and reduces energy consumption; ideal for perimeters, entryways, and building exteriors that demand both safety and visual comfort.

Future-Ready
Linmore's EZ-Connect™ receptacle gives the SLW2 plug & play adaptability. Motion sensors, photocells, or UltraLink Bluetooth controls can be added at any time using a simple Twist-and-Lock system, no rewiring required. This modular approach makes it easy to integrate smart lighting strategies today or upgrade in the future.

A Complete Architectural Statement
The SLW2 demonstrates how form and function can coexist without compromise. Its sleek lines complement modern architecture, while its performance meets the most demanding efficiency standards.

For architects and specifiers seeking lighting that performs beautifully and looks intentional, the Site Lighter Wall Pack (SLW2) is more than a fixture, it's the finishing touch that completes the design.

The SLW2 shares the same refined design language as the Site Lighter Area Light (SL2), shown above, ensuring visual unity throughout the project.

Engineered for Performance

HiOptiX™ T3 lenses and high-performance LEDs deliver efficient, uniform light built to last.

Accessible, Upgradable, and Enduring.

The wireway cover delivers effortless access to the driver and internal wiring, transforming maintenance from hours into minutes.

Beyond simplifying service, it enables seamless upgrades to next-generation components - advanced control systems, higher-efficiency drivers, or enhanced surge protection.

The result is a fixture designed to evolve, perform, and remain future-ready throughout its lifecycle.

Size	Watts	MODEL	LUMENS	EFFICACY
SM	**32**	SLW2-A1-04K-SM-T3	4,698	148
SM	**54**	SLW2-A1-08K-SM-T3	8,395	156
SM	**84**	SLW2-A1-12K-SM-T3	12,334	147
SM	**108**	SLW2-A1-15K-SM-T3	15,136	140
SM	**134**	SLW2-A1-18K-SM-T3	18,372	137

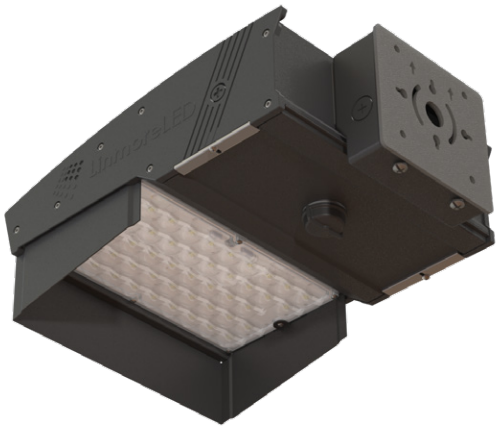
Typical lumen output (±10%) at 120V under 25°C ambient temperature at 5000K. CCT multipliers: 5000K (1.00), 4000K (0.990), 3500K (0.983), 3000K (0.953), 2700K (0.927), 2200K (0.859).

Optics

HiOptiX™

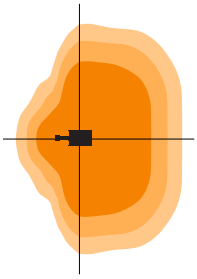
HiOptiX™ T3 lenses focus light precisely where it's needed, providing uniform, well-controlled illumination that enhances visual comfort across a variety of spaces.

For spaces where visual comfort is critical, an optional glare shield further refines light distribution, minimizing glare and creating an even softer, more comfortable lighting experience.

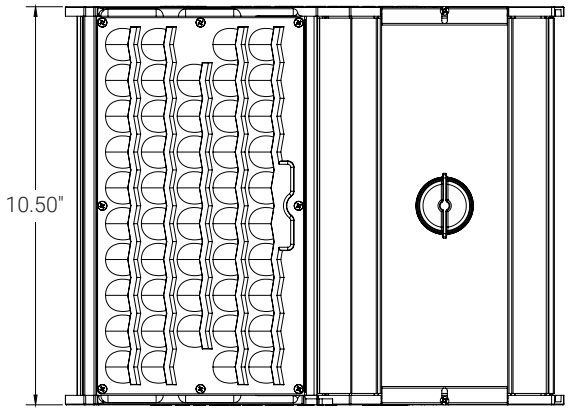


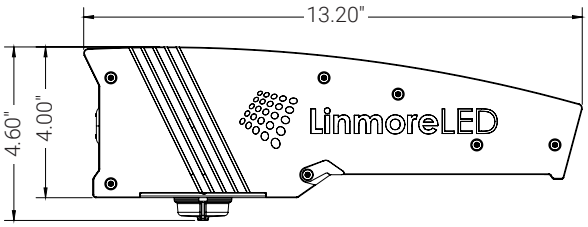
T3

Type III



Glare shields must be ordered separately as an accessory for field installation. All glare shields are matte black to suppress reflections and ensure consistent optical performance. Other colors are not available, as they may cause unwanted reflections and alter the designed light distribution pattern.

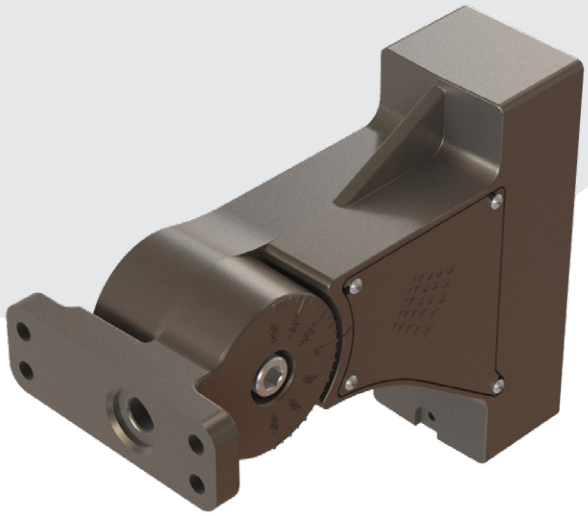




Mounting Brackets

Installing Made Easy

Complete Mounting Solutions: Brackets, Tenons, and Adapters.



Rapid Mount Bracket

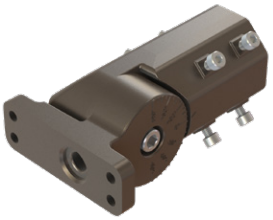
U.S. Patent No. 10,845,039

Reduce Installation Time by 50%

When Linmore LED heard from contractors and installers how they were mounting Site Lighter fixtures to existing poles, the company saw a great opportunity to simplify the process.

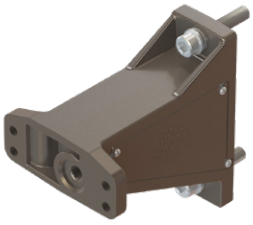
After multiple design iterations, rigorous testing, and feedback from customers, Linmore LED introduced - and patented - the Rapid Mount Bracket (RMB).

This universal bracket redefines convenience. Engineered for both round and square poles, the RMB mounts a single fixture drill-free, cutting installation time by 50%. Fast. Simple. Secure.



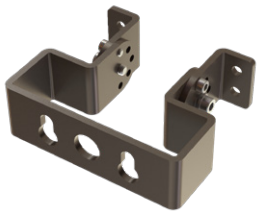
Slip Fitter

Adjustable bracket for vertical or horizontal applications.



Straight Arm

Fixed bracket for horizontal applications.



Trunion Bracket

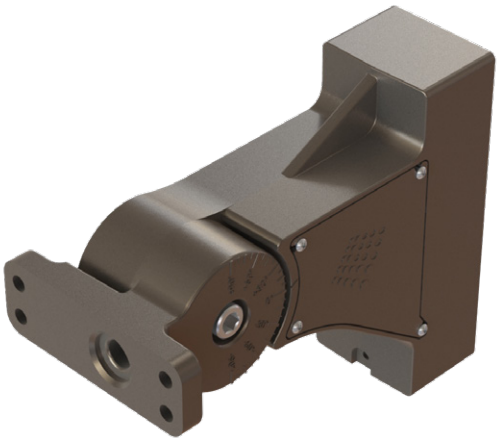
Adjustable yoke bracket for flat surfaces.

Wall Mount Box

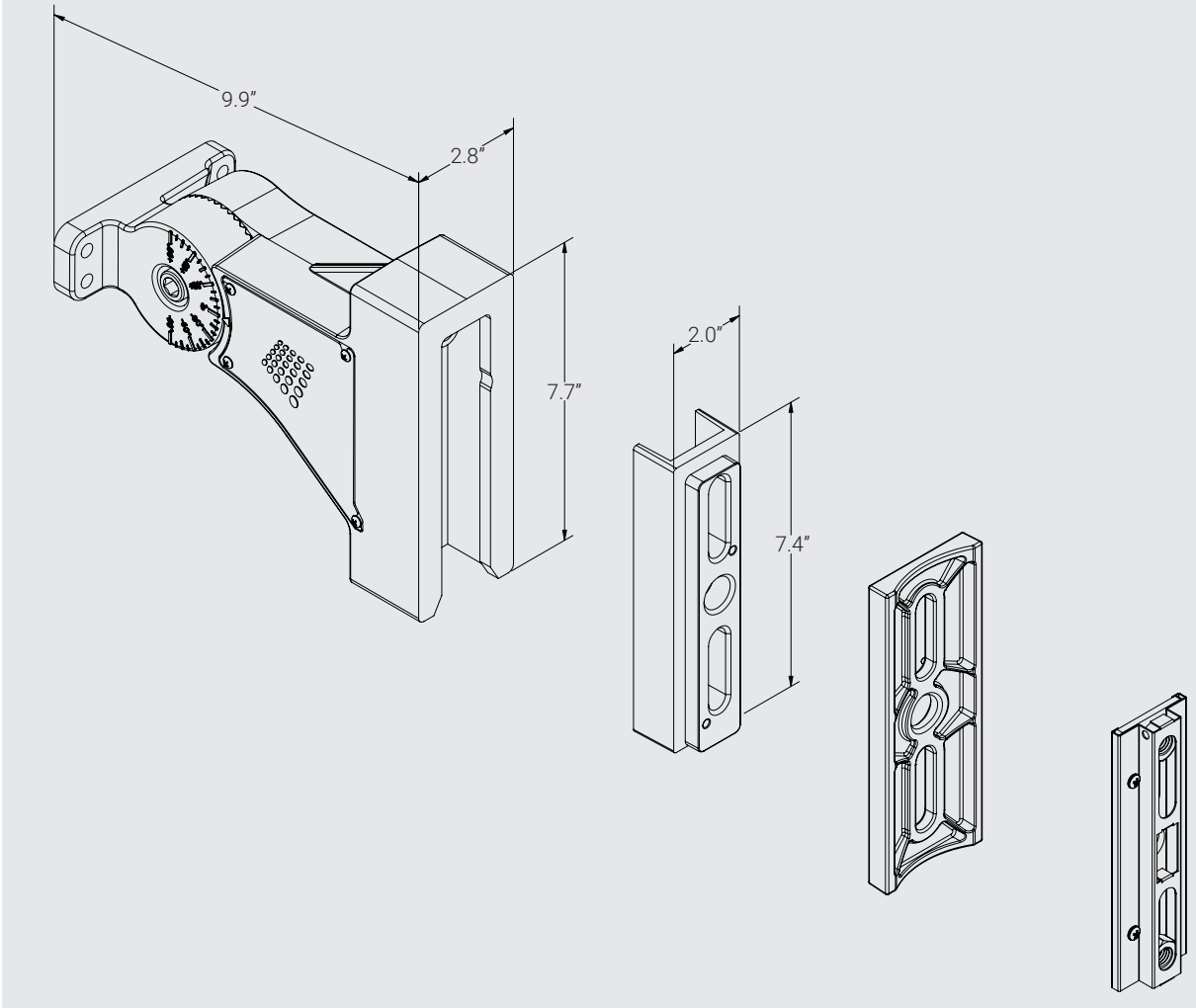
Mounting box for standard 4" electrical boxes or walls.

RMB

Rapid Mount Bracket

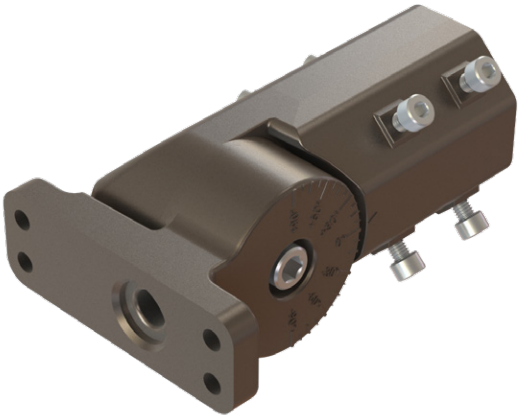


- **Type:** Universal bracket for round or square pole.
- **Application:** Rapid installation of a single fixture on round or square poles with no drilling required.
- **Colors:** Bronze, Black, White, Specified RAL.
- **Compatibility:** All SL2 fixtures.
- **Weight:** 7 lbs.

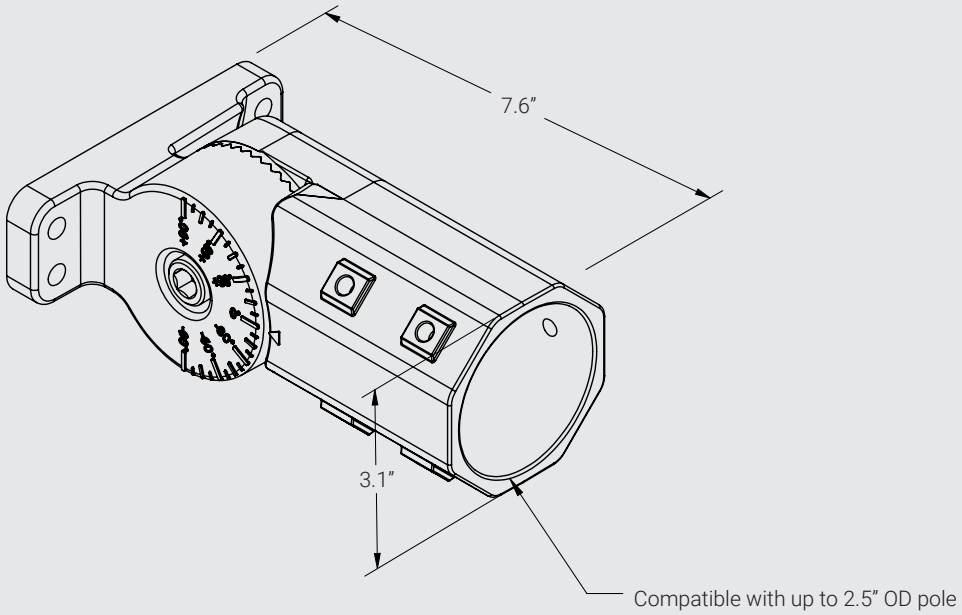


SF

Slip Fitter Bracket

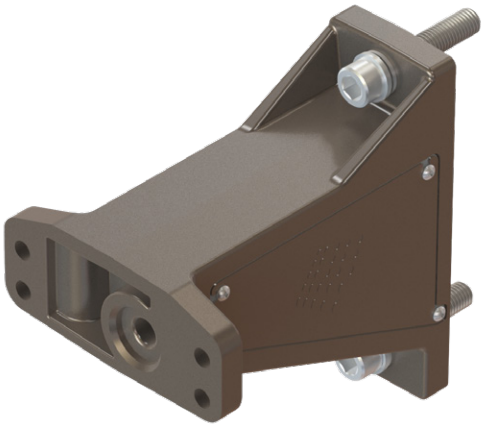


- **Type:** Bracket with adjustable angle for vertical or horizontal applications.
- **Application:** For mounting a single fixture vertically or horizontally to round pipes with an outer diameter no greater than 2.5”.
- **Colors:** Bronze, Black, White, Specified RAL.
- **Compatibility:** All SL2 fixtures.
- **Weight:** 3 lbs.

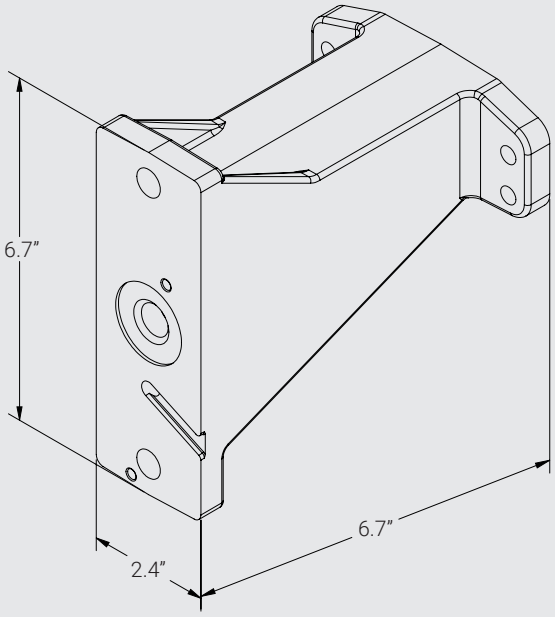


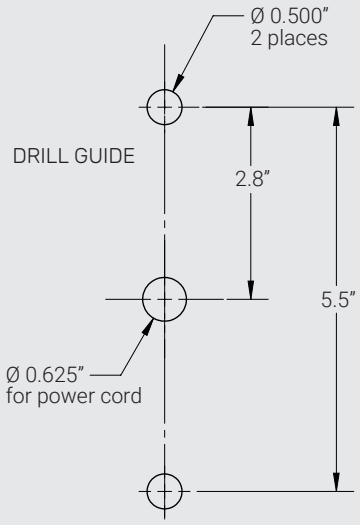
SA

Straight Arm Bracket



- **Type:** Fixed bracket for horizontal applications.
- **Application:** For mounting a single fixture horizontally on square poles or walls with bolts.
- **Colors:** Bronze, Black, White, Specified RAL.
- **Compatibility:** All SL2 fixtures.
- **Weight:** 3 lbs.





Mounting SA on round poles requires a round pole adapter (sold separately).

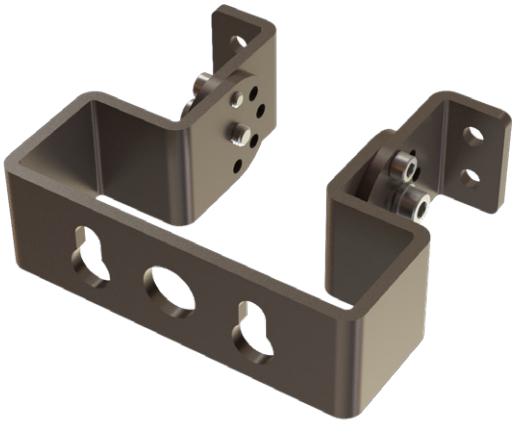
Round to Square Pole Adapter
P/N: A12 *(see page 21)*

Mounting multiple LG or XL fixtures on the same pole requires pole spacers (sold separately).

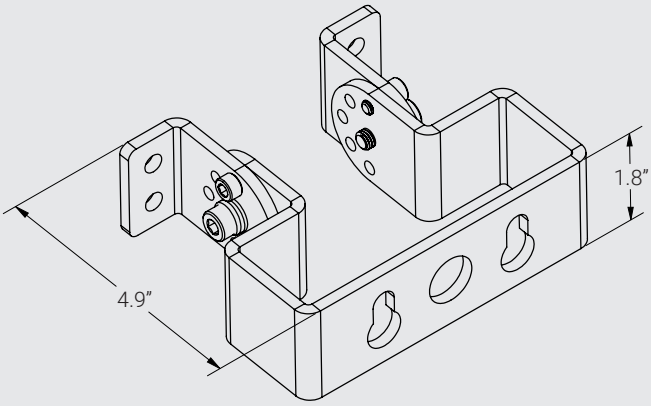
Pole Spacer
P/N: A30 *(see page 21)*

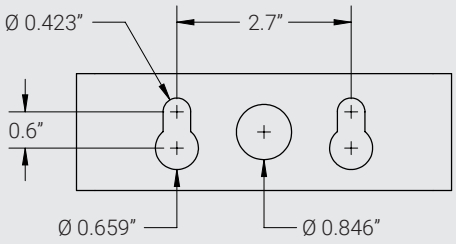
TM

Trunnion Mount Bracket



- **Type:** Adjustable yoke bracket for flat surfaces.
- **Application:** For mounting and aiming a single fixture on walls, ceilings, or other flat surfaces.
- **Colors:** Bronze, Black, White, Specified RAL.
- **Compatibility:** All SL2 and SLW2 fixtures.
- **Weight:** 3 lbs.

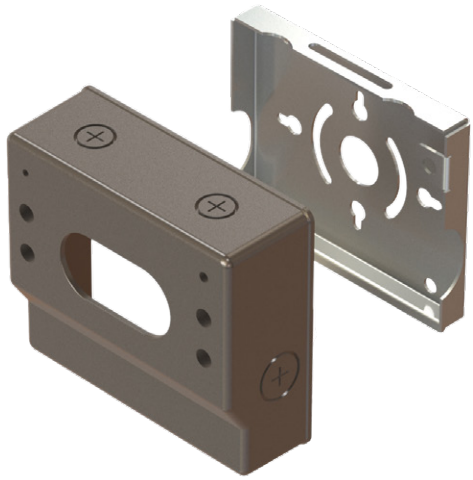


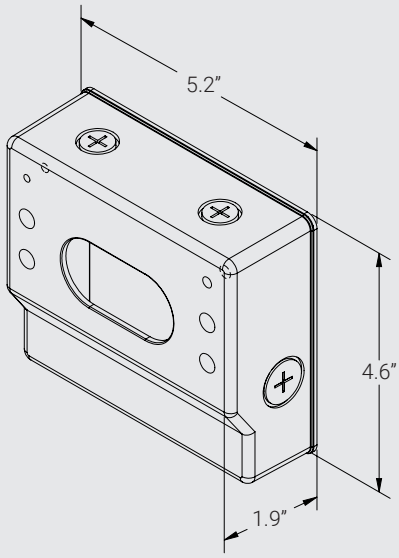


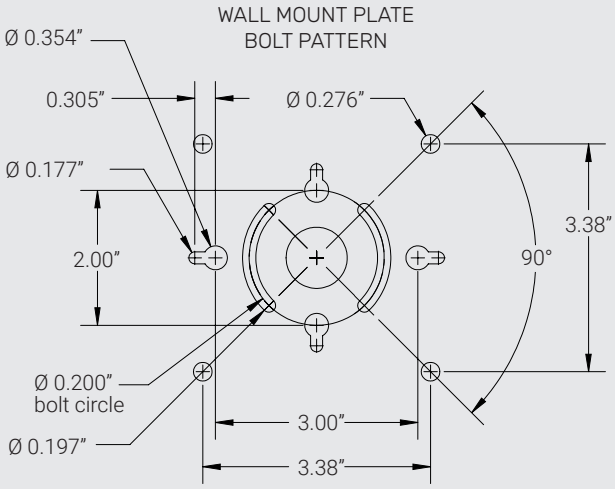
WM

Wall Mount Box

- **Type:** Fixture mounting box.
- **Application:** For mounting a single fixture to a standard 4” electrical box or directly to any exterior wall with appropriate fasteners.
- **Colors:** Bronze, Black, White, Specified RAL.
- **Compatibility:** SL2 (SM & MD) and all SLW2 fixtures.
- **Weight:** 3 lbs.







Tenons

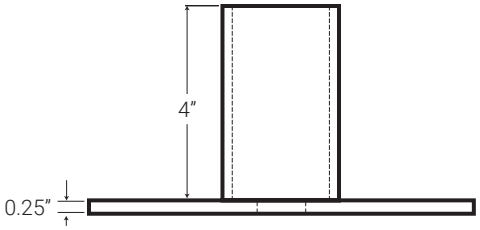
Secure. Steady. Simple

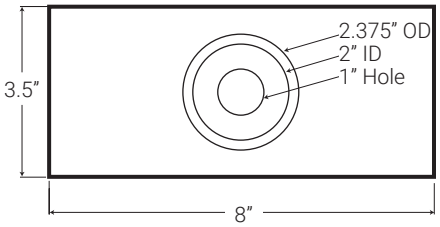
Install our fixtures with confidence and lasting stability.

A1

VERTICAL/HORIZONTAL TENON

For mounting fixtures vertically or horizontally on 4”+ square poles or flat surfaces, providing a round pipe for a Slip Fitter (2-3/8” to 3”). Weight: 4 lbs.

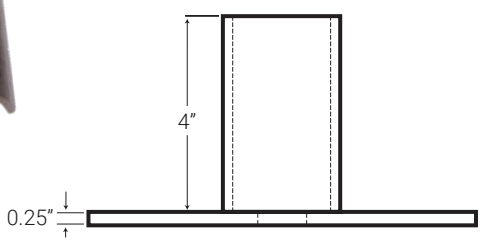


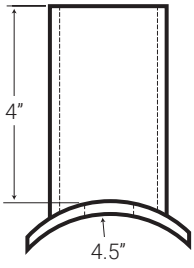


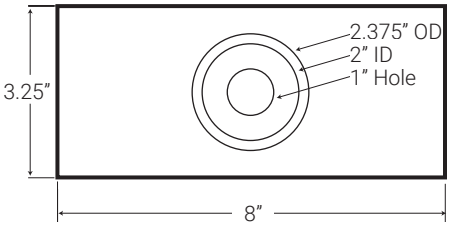
A2

ROUND POLE HORIZONTAL TENON

For mounting fixtures horizontally to round poles, providing a round pipe for a Slip Fitter (2-3/8” to 3”). Weight: 4 lbs.



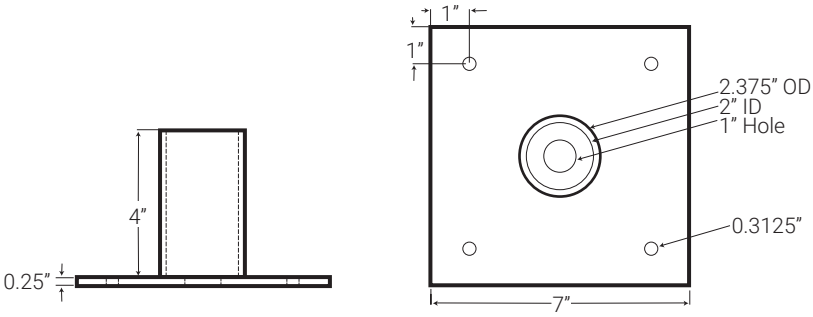




VERTICAL/HORIZONTAL MOUNT TENON

A3

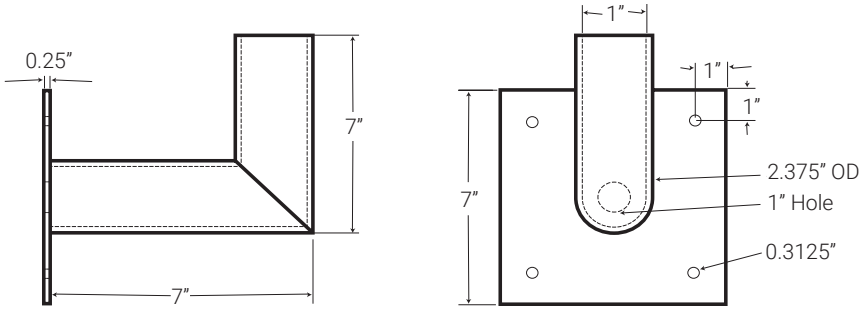
For mounting fixtures vertically or horizontally on flat surfaces, including walls and floors, providing a round pipe for a Slip Fitter (2-3/8" to 3") or for adding cross arms. Weight: 6.5 lbs.



VERTICAL WALL MOUNT TENON

A4

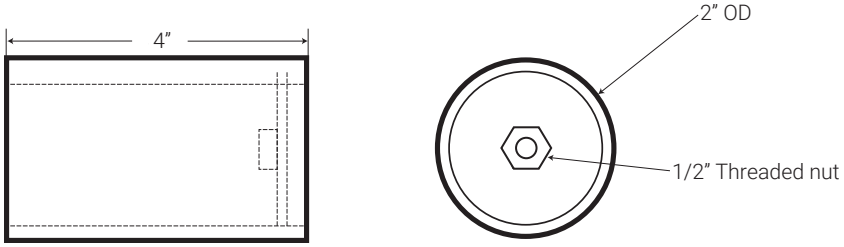
For mounting fixtures vertically on walls, providing a round pipe for a Slip Fitter (2-3/8" to 3") or for adding cross arms. Weight: 8 lbs.



SINGLE FIXTURE MULTI-MOUNT TENON

A10

For mounting fixtures in any position on a variety of surfaces, providing a round pipe for a Slip Fitter (2-3/8" to 3") or for adding cross arms, enabling flexible and creative fixture placement. Weight: 1 lb.



Adapters

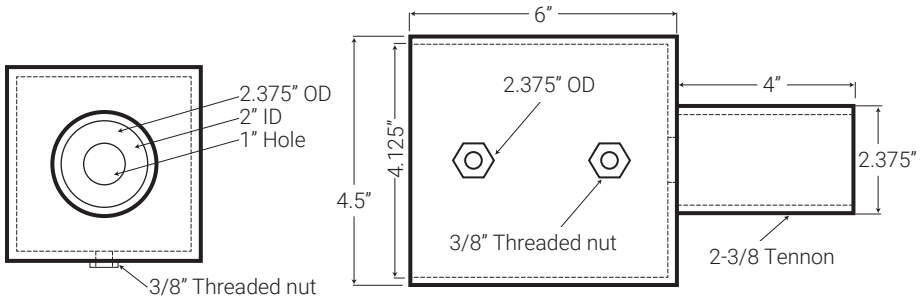
Pole-Ready in Seconds

Adapt brackets to poles with minimal effort.

A5

4” SQUARE POLE TO SLIP FITTER

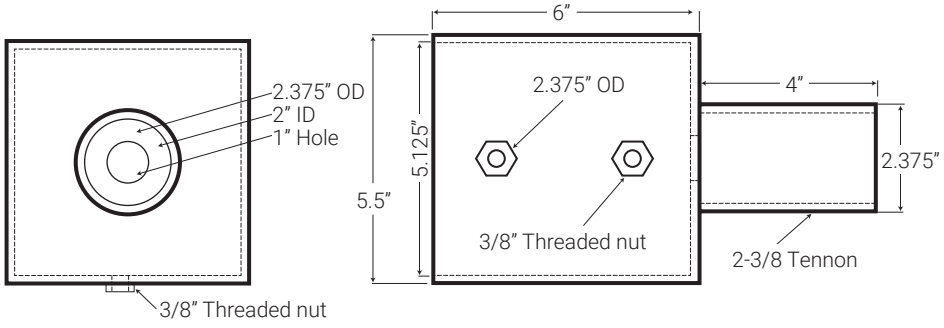
For mounting fixtures vertically or horizontally on 4”+ square poles or flat surfaces, providing a round pipe for a Slip Fitter (2-3/8” to 3”). Weight: 7lbs.



A6

5” SQUARE POLE TO SLIP FITTER

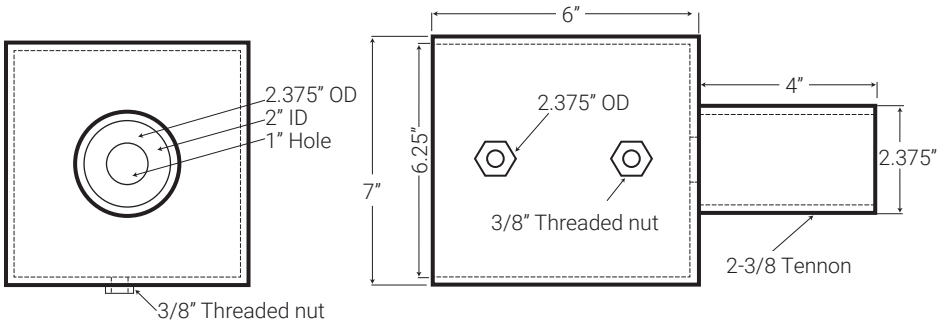
For mounting fixtures horizontally to round poles, providing a round pipe for a Slip Fitter (2-3/8” to 3”). Weight: 9 lbs.



6” SQUARE POLE TO SLIP FITTER

A18

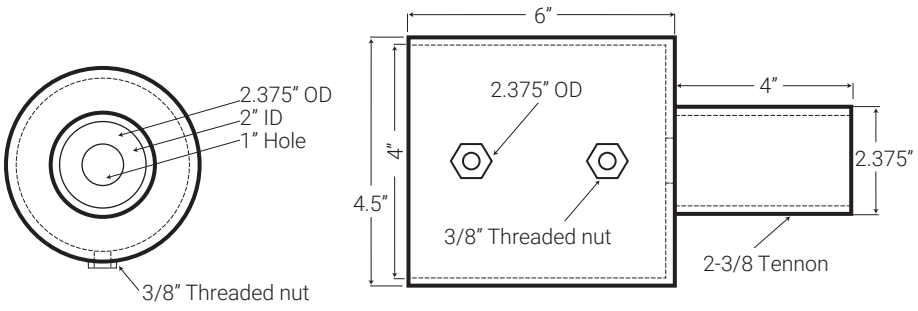
For mounting fixtures vertically or horizontally on flat surfaces, including walls and floors, providing a round pipe for a Slip Fitter (2-3/8” to 3”) or for adding cross arms. Weight: 9 lbs.



4” ROUND POLE TO SLIP FITTER

A7

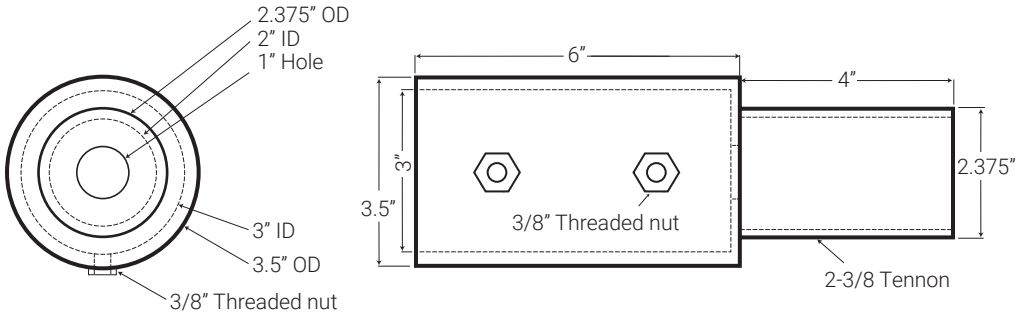
For mounting fixtures vertically on walls, providing a round pipe for a Slip Fitter (2-3/8” to 3”) or for adding cross arms. Weight: 8 lbs.



A14

3” ROUND POLE TO SLIP FITTER

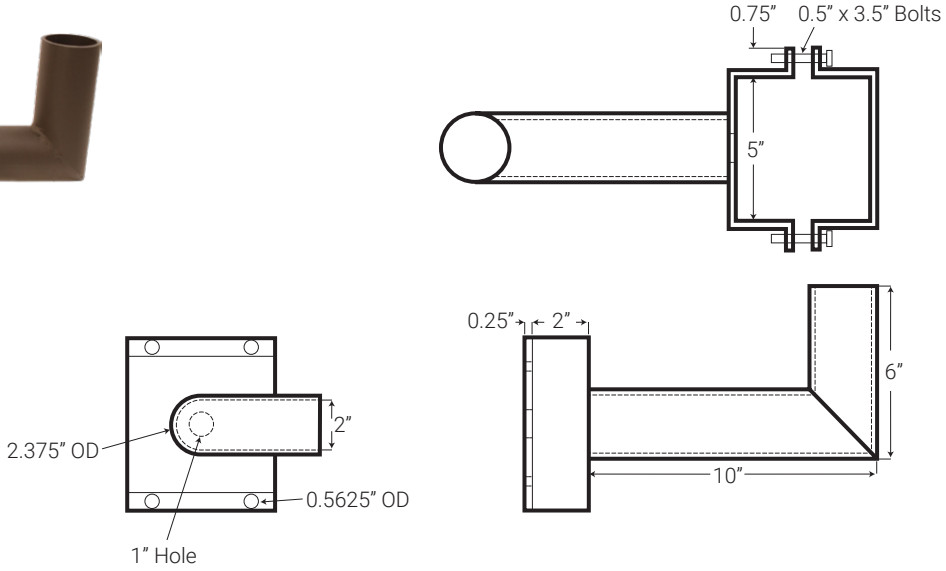
For mounting fixtures vertically on 3” round poles, providing a round pipe for a Slip Fitter (2-3/8”). Weight: 6 lbs.



A17

CLAMP-ON MID-POLE TO SLIP FITTER

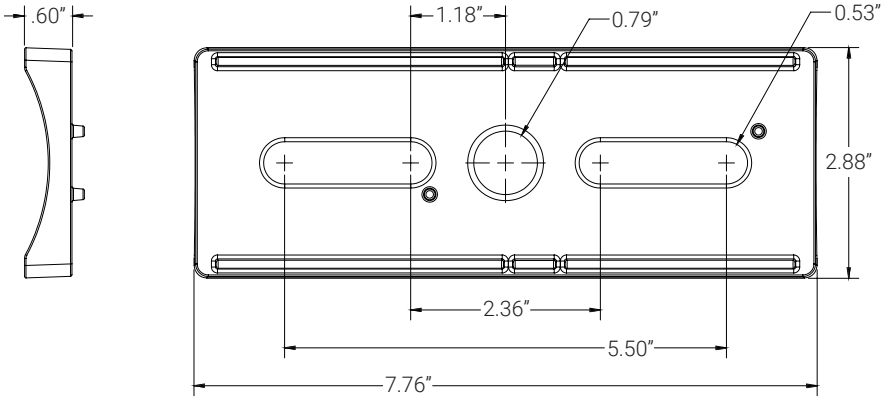
For mounting fixtures vertically at various heights on 4”-5” square poles, providing a round pipe for a Slip Fitter (2-3/8” to 3”). Weight: 17 lbs.



ROUND TO SQUARE POLE

A12

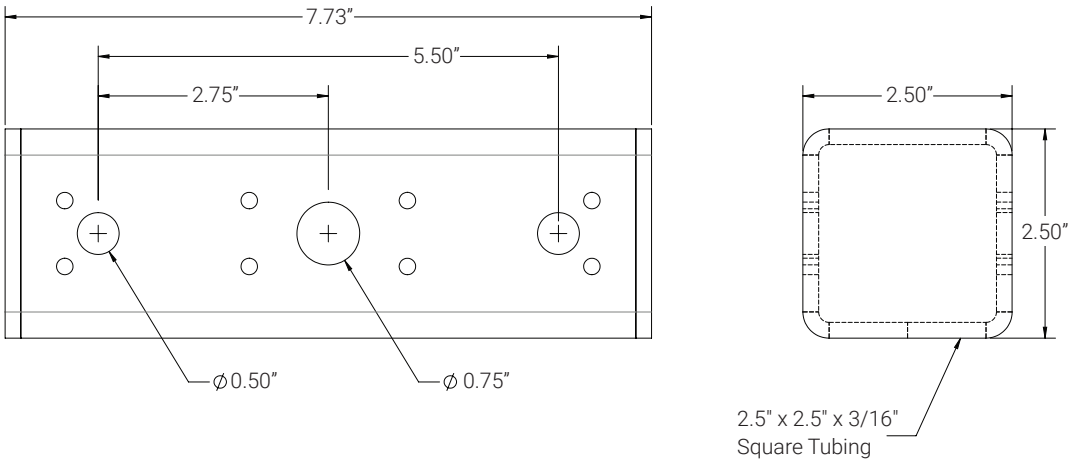
Adapter for mounting a Straight Arm bracket to a round pole. Weight: 1 lb.



POLE SPACER

A30

For mounting multiple LG or XL fixtures on a quad pole. Weight: 2 lbs.



Cross Arms

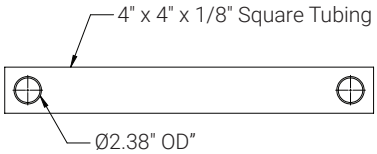
Multiply Your Light

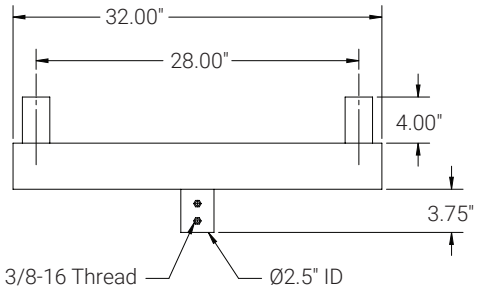
Mount multiple fixtures on a single pole with ease.

A8

TWO FIXTURE STRAIGHT CROSS ARM

From a single 2-3/8" O.D. pole, enables mounting two fixtures vertically, with round pipes spaced 28" on center, for Slip Fitters (2-3/8" to 3"). Weight: 23 lbs.

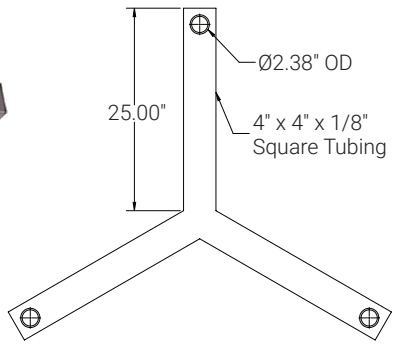


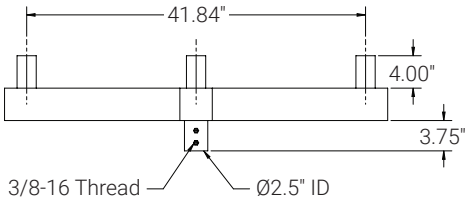


A9

THREE FIXTURE 120° CROSS ARM

From a single 2-3/8" O.D. pole, enables mounting three fixtures vertically, with round pipes spaced 28" on center, for Slip Fitters (2-3/8" to 3"). Weight: 44 lbs.

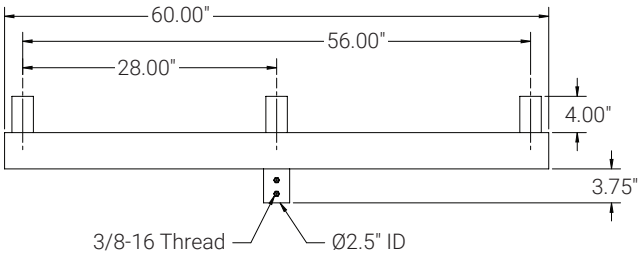


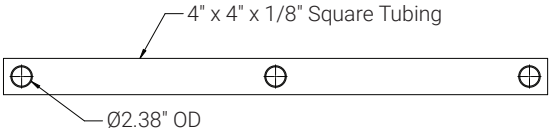


THREE FIXTURE STRAIGHT CROSS ARM

A11

From a single 2-3/8" O.D. pole, enables mounting three fixtures vertically, with round pipes spaced 28" on center, for Slip Fitters (2-3/8" to 3"). Weight: 40 lbs.

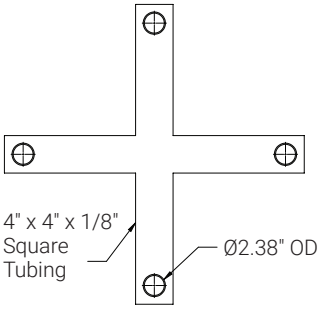


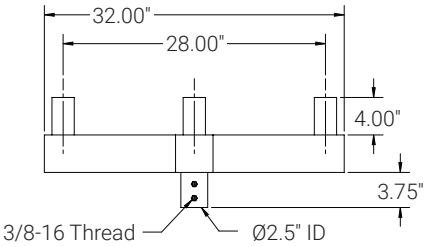


FOUR FIXTURE 90° CROSS ARM

A13

From a single 2-3/8" O.D. pole, enables mounting four fixtures vertically, with round pipes spaced 28" on center, for Slip Fitters (2-3/8" to 3"). Weight: lbs.

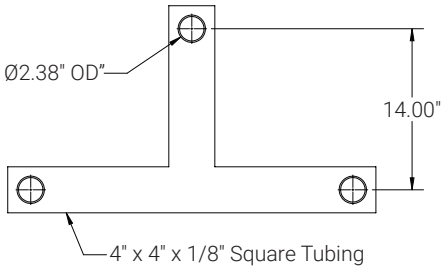


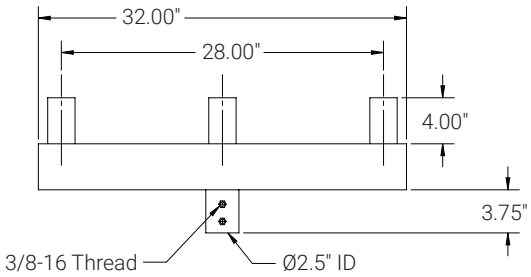


A15

THREE FIXTURE 90° CROSS ARM

From a single 2-3/8” O.D. pole, enables mounting three fixtures vertically, with round pipes spaced 28” on center, for Slip Fitters (2-3/8” to 3”). Weight: lbs.

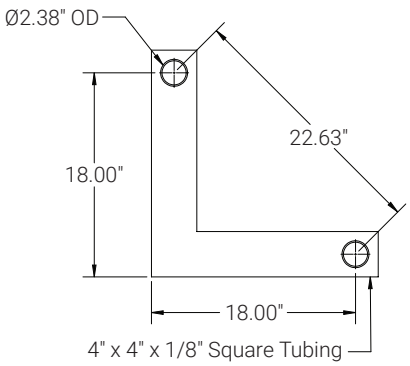


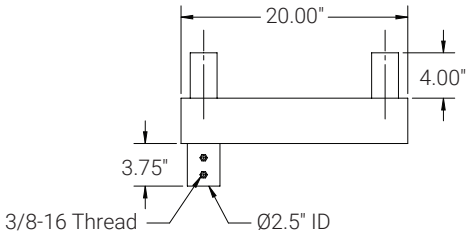


A16

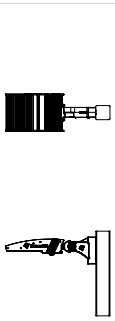
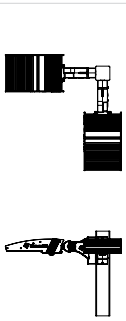
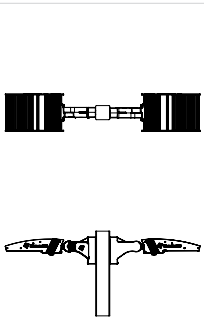
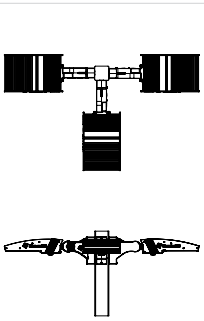
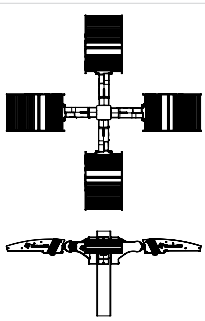
TWO FIXTURE 90° CROSS ARM

From a single 2-3/8” O.D. pole, enables mounting two fixtures vertically, with round pipes spaced 22.65” on center, for Slip Fitters (2-3/8” to 3”). Weight: lbs.





EPA Ratings

TILT ANGLE	ITEM					
0°	SM	0.75	1.19	1.51	1.94	1.94
	MD	0.75	1.29	1.51	2.04	2.04
	LG	0.75	1.51	1.51	2.26	2.26
	XL	0.97	1.72	1.51	2.47	2.47
	XXL	1.39	2.15	1.51	2.90	2.90
15°	SM	0.75	1.37	1.51	2.13	2.13
	MD	0.77	1.53	1.51	2.28	2.28
	LG	1.10	1.86	1.51	2.61	2.61
	XL	1.43	2.18	1.51	2.93	2.93
	XXL	2.08	2.84	2.08	4.17	4.17
30°	SM	0.95	1.71	1.51	2.46	2.46
	MD	1.19	1.95	1.51	2.70	2.70
	LG	1.72	2.47	1.72	3.43	3.43
	XL	2.23	2.98	2.23	4.46	4.46
	XXL	3.27	4.02	3.27	6.54	6.54
45°	SM	1.23	1.98	1.51	2.74	2.74
	MD	1.55	2.30	1.55	3.09	3.09
	LG	2.23	2.98	2.23	4.46	4.46
	XL	2.90	3.66	2.90	5.80	5.80
	XXL	4.26	5.01	4.26	8.52	8.52
60°	SM	1.43	2.18	1.51	2.94	2.94
	MD	1.80	2.55	1.80	3.60	3.60
	LG	2.60	3.35	2.60	5.19	5.19
	XL	3.38	4.14	3.38	6.77	6.77
	XXL	4.97	5.72	4.97	9.93	9.93

EPA ratings measured in square feet.

Color, Your Way

A refined range of paint and powder coat finishes for modern exteriors.

STANDARD COLORS

Readily available.

BRN
Textured Bronze

BLK
Black

WHT
White

RAL COLORS

Subject to availability and minimum order commitments.

RAL 7000
Squirrel Grey

RAL 7001
Silver Grey

RAL 7004
Signal Grey

RAL 7021
Black Grey

RAL 7022
Umbra Grey

RAL 7035
Light Grey

RAL 7040
Window Grey

RAL 7043
Traffic Grey B

RAL 7045
Telegrey 1

RAL 7046
Telegrey 2

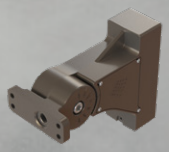
RAL 7047
Telegrey 4

CUSTOM
Contact Factory

APPLICABLE PRODUCTS

SL2

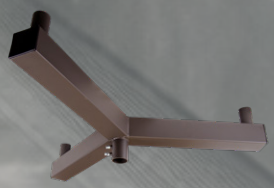
SLW2



Brackets

Tenons

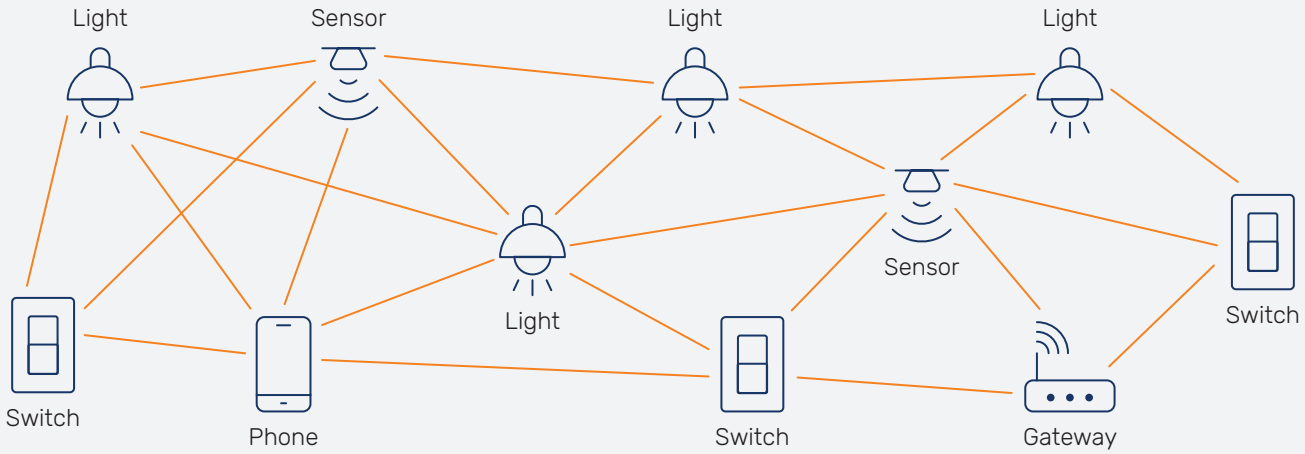
Adapters



Cross Arms

Bluetooth® NLC Wireless Controls

Bluetooth® NLC



The lighting industry is cutting the cord. Wireless systems are moving from niche to mainstream, with ready-to-use smart products appearing faster than ever. But true innovation requires more than convenience, it demands performance, interoperability, and trust — and that's where Linmore stands out.

UltraLink™ — Linmore's ecosystem of Bluetooth®-qualified products — delivers wire-like performance and plug-and-play compatibility with other Bluetooth Networked Lighting Control (NLC) devices. The result is a smarter, more flexible lighting system that works together right out of the box.

What is Bluetooth NLC?
Bluetooth NLC builds on the proven reliability of Bluetooth Mesh, adding a new layer of intelligence through Device Profiles — standardized roles that define how devices interact. This shared framework ensures that components from different manufacturers behave consistently, enabling true multi-vendor interoperability and paving the way for mass adoption of wireless lighting controls.

UltraLink: Secure, Scalable, and Future-Proof.
UltraLink captures everything a modern wireless platform should offer. It is secure and standalone, keeping the lighting network completely separate from business data while meeting DLC NLC5 cybersecurity standards. It is scalable and self-healing, built on a distributed architecture that eliminates single points of failure and grows stronger as new devices are added. And it is open and future-ready, leveraging non-proprietary standards so users can mix, match, and replace components freely.

With its open standards, robust performance, and future-focused design, Linmore LED's UltraLink system is redefining what wireless lighting can be: secure, interoperable, and ready to evolve.

SYSTEM COMPONENTS

Linmore LED ULTRALINK
WIRELESS CONTROLS SIMPLIFIED

Sensors

Used to control the assigned fixtures. Sensors can be onboard fixtures or remotely mounted. Multiple strategies of lighting behavior can be set by users for best performance, energy savings, and safety.

Bluetooth Controller

Fixtures that don't have a sensor onboard are equipped with a Bluetooth controller. They receive instructions from other sensors, switches and/or gateways and control the fixture accordingly.

Switches

Wired and wireless switches provide manual control for custom zones, with options for on/off, dimming, and scene selection, depending on the model.

Web & Mobile App

The tools to operate, control, set up, and make changes to how the system functions. Adjustments are easy and can be made as the facility's needs change over time. Always adaptable.

Gateways

Only required for advanced features and time-based events. It enables energy monitoring, people tracking, and scheduling. Time is set by an Astronomical Clock and GPS to know exactly when the sun rises and sets.

Other Components

Long-Range Antennas & Extenders increase Bluetooth range, connection stability and mesh quality.

Wireless Relays allow control of lighting circuits to turn devices on or off.

Thermostats & Thermostat Controllers use occupancy data from the UltraLink+ system to optimize temperature, enhancing comfort and energy efficiency.

- Bluetooth Sensors
- Bluetooth Controller
- Switches
- Web / Mobile App

LinmoreLED®

ULTRA PERFORMANCE LIGHTING

Linmore LED Labs, Inc.

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