

Project Name:	Part Number:	Type:
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SKYLINE

WALL MOUNT SERIES

FEATURES

- Specification Grade die-cast aluminum housing
- Bronze polyester powder coat finish (standard)
- Custom and factory select colors available
- Type 2, 3, 4 Optical Distributions with Highest Uniformity in their product class
- 3G Fixed or Adjustable Universal Quick Mount Allows for 1 man installation
- Single Fastener hinged door driver access
- 120-277V Universal Voltage or 347-480V High Voltage
- 0-10V Dimmable Driver (std.)
- PIR Occupancy, Photocell, & Bi-Level Dimming Sensors Available
- 3-Pin & 7-Pin ANSI C136.41 Control Receptacle Options
- Wireless control integrated luminaire
- 3000K, 4000K & 5000K CCT
- >70 Color Rendering Index (CRI)
- Calculated L80 >100,000 hrs @ 25°C per TM-21-11
- IP66 Rated Luminaire
- Dark Sky Compliant ^{1a, 2a}
- 5 Year Warranty; 10 Year Optional Warranty ^{3a}
- ETL Listed for Wet Locations

^{1a} 3000K is IDA Listed ^{2a} Must select WFM mounting option to qualify

^{3a} Requires additional Surge Protection (SP1, SP2, SP480V2); For additional details see General Terms and Conditions



407-478-3759
www.ilp-inc.com



* Shown with WMB Mounting



Enlighted legrand synapse LEVITON

SUITABLE APPLICATIONS

- Parking Lots
- Parking Structure
- Parks
- Education
- Hospitals
- Car Dealerships
- Roadways
- Shopping Centers

ORDERING GUIDE

SERIES	LUMENS	VOLTAGE	CCT	DISTRIBUTION	MOUNTING	FINISH	WARRANTY
SAS Small	6L 6,000 lm	U 120-277v	30 3000K	T2 T2 - Type 2	WFM Wall Fixed Mount	BRZ	(Blank) 5YR
	9L 9,000 lm	HV 277-480v	40 4000K	T3 T3 - Type 3	WAM Wall Adjustable Mount	BLK	10YR ² 10YR
	12L 12,000 lm		50 5000K	T4 T4 - Type 4		WHT	
	15L 15,000 lm					SLV	
	18L 18,000 lm					RALxxx ¹	
SAM Med	24L 24,000 lm						
	30L 30,000 lm						
	36L 36,000 lm						
	42L 42,000 lm						
	50L 50,000 lm						

BASIC CONTROLS		ADVANCED CONTROLS	
(Blank)	None	(Blank)	None
FAO ^{3,4}	Field Adjustable Output	SYN ^{4,7}	Synapse Control System
CR3P ⁴	3-Pin NEMA Control receptacle	SYNS/LX ^{4,7}	Synapse Control System w/ Sensor (X = Mounting Height 3=10-20', 7=20-40')
CR7P ^{4,5}	7-Pin NEMA Control receptacle	SU/5S/LR/CL ^{3,4,7}	Enlighted 5S Connected Lighting (CL) Sensor with Control Unit
FSP-311/LX ^{3,4,6}	Legrand FSP-311 120/277V Sensor (X = Mounting Height 3=10-20', 7=20-40')	SU/5S/LR/IOT ^{3,4,7}	Enlighted 5S Internet of Things (IOT) Sensor with Control Unit
FSP-321/LX ^{4,6}	Legrand FSP-321 120-480V Sensor (X = Mounting Height 3=10-20', 7=20-40')		
CR3P/FAO ⁴	Universal 3-Pin control receptacle (See acc. for photocells) with Field Adjustable Output - 7 level selection connected to 0-10V dimming wires		
CR7P/FSP/Lx ⁴	Universal 7-Pin control receptacle with FSP Sensor (X= Mounting Height, 3=20', 7=40') (Controls provided by others)		

OPTIONS - FACTORY INSTALLED		ACCESSORIES	
(Blank)	None	SAX/BIRD	Bird Spikes (x= fixture size)
SP1 ³	10kA Surge Protection Device	TL7/B2 ^{3,5,7}	Synapse Twist Lock Mesh Network 120-277V
SP2 ³	20kA Surge Protection Device	ILP PAINT CHIP PACK	ILP Standard Color Paint Chips
FUSE/SXXX	FUSE 120V, 277V, 347V (x= voltage)		
FUSE/DXXX	FUSE 208V, 240V, 480V (x= voltage)		
		TL7/HVG ^{5,7}	Synapse Twist Lock Mesh Network 480V
		TLPC/HV ⁸	277-480V Twist Lock Photocell
		TLPC/UNV ^{3,8}	120-277V Twist Lock Photocell

¹ Contact factory for pricing and availability

² Requires additional Surge Protection (SP1, SP2, SP480V2); For additional details see General Terms and Conditions. Consult Factory for pricing

³ Not available with HV option

⁴ Only one control option allowed

⁵ Dimming Leads will be wired to receptacle unless otherwise specified

⁶ Requires Bluetooth Enabled device for programming (provided by others)

⁷ Contact Factory for Site Layout

⁸ Only Compatible with CR3P and CR7P

SKYLINE

WALL MOUNT SERIES

LED SYSTEMS INFO		3000K		4000K		5000K		BUG Rating	Watts ²	Replaces
Part Numbers	Distribution	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy			
SAS-6L	2	6322	138.0	6655	145.3	6788	148.2	B1-U0-G1	46 W	175W MH
	3	6301	137.6	6633	144.8	6766	147.7	B1-U0-G2		
	4	6234	136.1	6562	143.3	6693	146.1	B1-U0-G1		
	5S	6345	138.5	6679	145.8	6813	148.7	B3-U0-G2		
	FTA	6824	149.0	7183	156.8	7327	160.0	B1-U0-G1		
SAS-9L	2	8941	127.9	9412	134.6	9600	137.3	B1-U0-G2	70 W	250W MH
	3	8912	127.5	9381	134.2	9569	136.9	B2-U0-G2		
	4	8817	126.1	9281	132.8	9467	135.4	B2-U0-G2		
	5S	8973	128.4	9445	135.1	9634	137.8	B4-U0-G2		
	FTA	9650	138.1	10158	145.3	10361	148.2	B1-U0-G1		
SAS-12L	2	12693	154.4	13361	162.5	13628	165.8	B2-U0-G2	82 W	320W MH
	3	12652	153.9	13318	162.0	13584	165.3	B2-U0-G2		
	4	12516	152.3	13175	160.3	13439	163.5	B2-U0-G2		
	5S	12739	155.0	13409	163.1	13677	166.4	B4-U0-G2		
	FTA	13700	166.7	14421	175.4	14709	178.9	B2-U0-G1		
SAS-15L	2	16013	148.1	16856	155.9	17193	159.0	B2-U0-G2	108 W	400W MH
	3	15962	147.7	16802	155.4	17138	158.5	B2-U0-G2		
	4	15791	146.1	16622	153.8	16954	156.8	B2-U0-G2		
	5S	16070	148.7	16916	156.5	17254	159.6	B4-U0-G2		
	FTA	17283	159.9	18193	168.3	18557	171.7	B2-U0-G1		
SAS-18L	2	18245	138.5	19205	145.8	19589	148.7	B3-U0-G2	132 W	400W MH
	3	18186	138.1	19143	145.4	19526	148.3	B3-U0-G3		
	4	17984	136.6	18931	143.7	19310	146.6	B3-U0-G3		
	5S	18310	139.0	19274	146.3	19659	149.3	B5-U0-G3		
	FTA	19692	149.5	20728	157.4	21143	160.5	B2-U0-G1		
SAM-24L	2	23494	142.4	24730	149.9	25225	152.9	B3-U0-G3	165 W	400W MH
	3	23373	141.7	24603	149.1	25095	152.1	B3-U0-G4		
	4	23203	140.6	24424	148.0	24912	151.0	B3-U0-G4		
	5S	23911	144.9	25169	152.5	25672	155.6	B5-U0-G3		
	FTA	23559	142.8	24799	150.3	25295	153.3	B2-U0-G2		
SAM-30L	2	30061	135.0	31643	142.1	32276	144.9	B3-U0-G3	222 W	750W MH
	3	29906	134.3	31480	141.4	32110	144.2	B3-U0-G4		
	4	29688	133.3	31251	140.3	31876	143.1	B3-U0-G4		
	5S	30594	137.4	32204	144.6	32848	147.5	B5-U0-G4		
	FTA	30144	135.4	31730	142.5	32365	145.3	B3-U0-G2		
SAM-36L	2	36547	153.6	38470	161.7	39239	164.9	B3-U0-G3	237 W	750W MH
	3	36357	152.8	38271	160.9	39036	164.1	B3-U0-G5		
	4	34913	146.8	36750	154.5	37485	157.6	B3-U0-G5		
	5S	35977	151.2	37871	159.2	38628	162.4	B5-U0-G4		
	FTA	35448	149.0	37314	156.8	38060	160.0	B3-U0-G2		
SAM-42L	2	39231	141.6	41296	149.0	42122	152.0	B4-U0-G3	277 W	1000W MH
	3	39099	141.1	41157	148.5	41980	151.5	B3-U0-G5		
	4	38885	140.3	40932	147.7	41751	150.7	B3-U0-G5		
	5S	39927	144.1	42028	151.7	42869	154.7	B5-U0-G4		
	FTA	39340	142.0	41410	149.4	42238	152.4	B3-U0-G2		
SAM-50L	2	48196	142.3	50732	149.8	51747	152.8	B4-U0-G4	338.6	1000W MH
	3	48033	141.9	50561	149.3	51573	152.3	B4-U0-G5		
	4	47771	141.1	50285	148.5	51291	151.5	B4-U0-G5		
	5S	49050	144.9	51631	152.5	52664	155.5	B5-U0-G5		
	FTA	48329	142.7	50872	150.2	51890	153.2	B3-U0-G3		

¹Values are nominal, see IES file for more detail

²Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

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EPA RATINGS AND VIBRATION CHART

	WFM		WAM		WEIGHT
SAS	0.47	3g	0.53	3g	11 lbs
SAM	0.64	3g	0.71	3g	22 lbs
WEIGHT	3.0 lbs		6.0 lbs		

* EPA Ratings listed assume fixture is mounted horizontally. For adjustable mounting options, EPA will vary with selected angle.

ELECTRICAL DATA (AMPS)^{1,2}

Lumen Package	120V	208V	240V	277V	347V	480V
6L	0.38 A	0.22 A	0.19 A	0.17 A	0.13 A	0.10 A
9L	0.58 A	0.34 A	0.29 A	0.25 A	0.20 A	0.15 A
12L	0.73 A	0.42 A	0.37 A	0.32 A	0.25 A	0.18 A
15L	0.92 A	0.53 A	0.46 A	0.40 A	0.32 A	0.23 A
18L	1.14 A	0.66 A	0.57 A	0.49 A	0.39 A	0.29 A
24L	1.39 A	0.80 A	0.70 A	0.60 A	0.48 A	0.35 A
30L	1.83 A	1.06 A	0.92 A	0.79 A	0.63 A	0.46 A
36L	1.96 A	1.13 A	0.98 A	0.85 A	0.68 A	0.49 A
42L	2.27 A	1.31 A	1.13 A	0.98 A	0.78 A	0.57 A
50L	2.82 A	1.63 A	1.41 A	1.22 A	0.98 A	0.71 A

¹Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

SPECIFICATIONS

CONSTRUCTION

The Skyline series features a slim profile die-cast aluminum housing available in 2 different sizes for a fully scalable solution. The versatile mounting methods allow for easy installation while the hinged door allows for quick drop-down driver access for maintenance. The standard WMB mounting bracket allows for a 1-man installation by mounting the WMB to the wall and the luminaire head onto the WMB, substantially reducing installation labor. The fully gasketed housing is IP66 rated for whole luminaire ingress protection against moisture and environmental contaminants. Vibration rated per ANSI C136.31 on all mountings (see table Above). The Skyline Series is protected with a durable bronze polyester powder coat finish to withstand extreme weather changes without cracking or peeling.

OPTICS

The IP66 silicone gasket sealed optical chamber utilizes proprietary polycarbonate refractive optics to provide exceptional coverage and uniformity in factory rotatable IES Types 2, 3, or 4. Polycarbonate optics are impact resistant and UV stabilized for maximum longevity. Available in 5000K, 4000K, and 3000K, color temperatures per ANSI C78.377. Minimum CRI of 70. The Skyline series produces Zero uplight and is IDA listed in 3000K color temperature.

ELECTRICAL

Class 1 High-performance drivers features over-voltage, under-voltage, short circuit and over temperature protection. 0-10V dimming (10% - 100%) standard. Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (347-480 Vac). L80 >100,000 hrs. in accordance with IESNA TM-21-19 projected values at 25°C Ambient temperature. Total harmonic distortion: <20%. Power factor: >0.90. Input power stays constant over life. Minimum 6kV surge rating meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2). Additional protection is available in 10kV and 20kV options.

THERMAL

The Skyline Series features an array of High-efficacy LED's mounted on a metal core circuit board. The LED boards are mounted directly to the cast aluminum housing with heat dissipating fins to provide excellent thermal performance extending the life of electronic components. Operating Ambient Temperature: -40°C to +50°C (-40°F to 122°F), 50L Lumen Package: -40°C to +45°C (-40°F to 113°F).

INSTALLATION

The 3G rated wall fixed mount (WFM) allows for easy installation to any vertical wall surface or J-box. The optional 3G rated wall adjustable mount (WAM) adds full range wall mount tilting.

CONTROLS

Standalone Controls:

Factory installed 3-Pin & 7-Pin ANSI C136.41 Control Receptacle Options available. Dusk to Dawn twist lock photocells sold separately (See accessories). Optional PIR sensors available installed in housing hinged door. Sensors provide optional on/off control, photocell capability, bi-level dimming, high-end trim, and bluetooth configuration allows for on-site modifications.

Wireless Control Systems:

The Skyline Series is wireless mesh controls ready with Synapse and Enlighted wireless control platforms. Available with and without PIR sensors. Inquire with factory for more information or for additional controls options, including customer supplied items.

WARRANTY

5 Year Warranty Standard; 10 Year Warranty Optional (Terms and Conditions apply).

CERTIFICATIONS

ETL Listed for wet locations. Tested in accordance with IESNA LM-79 and LM-80 standards. BAA compliant. RoHS Compliant. Title 24 Compliant; see local ordinance for qualification information. IP66 rated Luminaire per IEC 60598. IP66 rated optical chamber. ASTM B117 Salt Spray Tested 500 Hrs.

DLC Premium Listed Product, Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

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BASIC

FAO

Internal bi-level switch offers adjustable light levels for greater flexibility within one product. Utilizes 0-10V dimming wires and cannot be combined with other sensor or control options.

CRxP

3-Pin or 7-pin ANSI C136.41-2013 control receptacle option available for NEMA twist lock photocontrols or wireless control modules. Control accessories sold separately. Dimming leads from the receptacle will be connected to the driver dimming leads (Consult factory for alternate wiring). x = Number of pins (3 or 7).

FSP-311/Ly - FSP-321/Ly

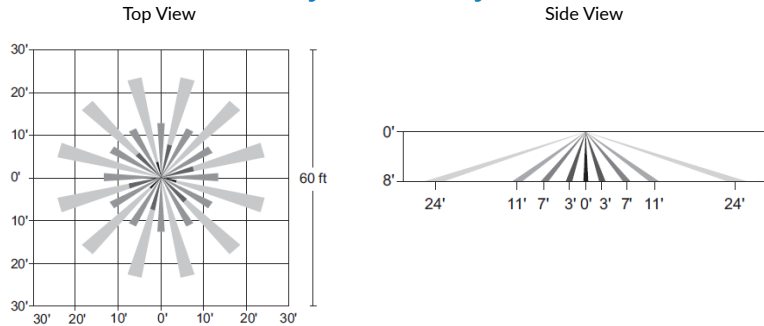
Optional Bluetooth Programmable PIR sensor allows for Continuous Dimming, Motion and/ or daylight harvesting, Fully adjustable high/low dimmed light levels, and Adjustable time delay/ cutoff delay. The sensor is programmed via a free iOS® or Android® Sensor Configuration App (compatible device provided by others). Available in 10'-20' or 20'-40' mounting lenses. See coverage patterns below, L7=20'-40', L3=20'-40'.

Default Settings:

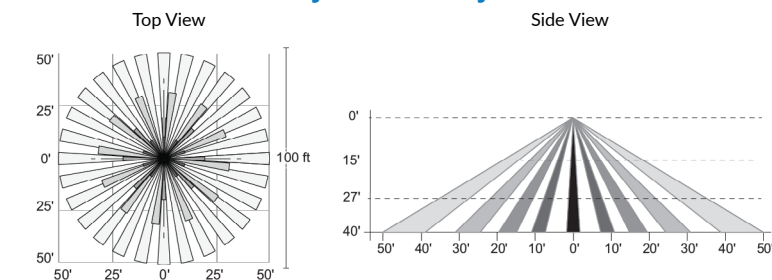
- High Mode: 100% Output
- Low Mode: 10% Output
- Time Delay: 5 mins
- Cutoff: 1 hr
- Sensitivity: High
- Photocell: Disabled
- Continuous Dimming: Disabled

COVERAGE PATTERNS

SYNS/L2 and FSP-311/Ly - FSP-321/Ly



SYNS/L7 and FSP-311/Ly - FSP-321/Ly



ADVANCED

Synapse (SYN or TL7)

Utilizing a robust 2.4 GHz Self-Healing Mesh Network, Synapse provides flexibility and scalability making it a perfect outdoor solution for both new construction and retrofit projects. The easy-to-use web application is accessible on any device with an internet connection and allows for complete customization of the system and its features. Integral radio (SYN) includes (2) 24V inputs for a Wattstopper sensor or twist lock photocell into the wireless lighting system. External radio (TL7) includes (1) low voltage input for a Wattstopper sensor, available in both universal(120-277V) or high voltage (480V). Sensors available in 20' or 40' mounting lenses. See coverage patterns below. Sensor mounted on hinged driver cover. Antenna exits side of luminaire for maximum connectivity.

Enlighted

Enlighted's three-tier, over-the-air upgradeable wireless control platforms provide out-of-the-box compliance with energy use regulations. The comprehensive capabilities of the sensor include vacancy detection, daylight harvesting, demand response, and energy savings reporting. Enlighted's enterprise system allows for easy integration of indoor and outdoor lighting with building management systems for site-wide IOT management. Enlighted ruggedized sensor mounted on hinged driver cover.

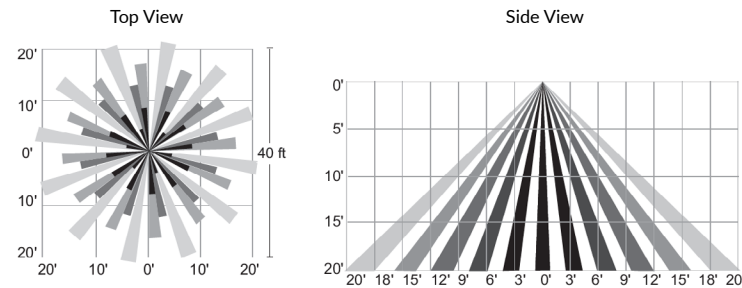
• Enlighted Connected (SU/5S/LR/CL)

-Fixtures are controlled based on occupancy & ambient light. Includes individual lighting control plus connection to Enlighted Energy Manager. The Energy Manager provides data analysis for all data collected by the Enlighted Smart Sensors for energy, occupancy & environment.

• Enlighted IOT (SU/5S/LR/IOT)

-Fixtures are controlled based on occupancy and ambient light. Includes individual lighting control plus connection to Enlighted Energy Manager. The Energy Manager provides data analysis for all data collected by Enlighted Smart Sensors for energy, occupancy & environment. Additionally, the IOT functionality takes the data access and function beyond just lighting to a wide range of applications beyond the standard connected lighting controls.

SYNS/L3 and FSP-311/Ly - FSP-321/Ly



BACK LIGHT CONTROL OPTIONS



HSS

Integral House Side Shield

Delivers backlight control that significantly reduces light spill behind the pole for applications with pole locations close to adjacent properties. Shown with Medium housing. HSS rotates with optic distribution.



GS

External Glare Shield

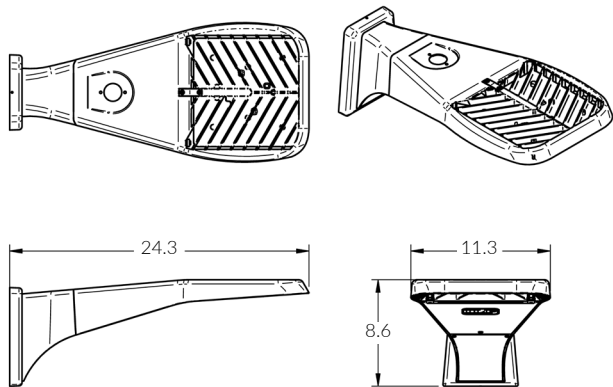
Rotatable 3-sided field installable external glare shield. Shown with Medium housing

SKYLINE

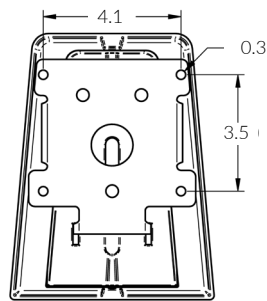
WALL MOUNT SERIES

LINE DRAWINGS

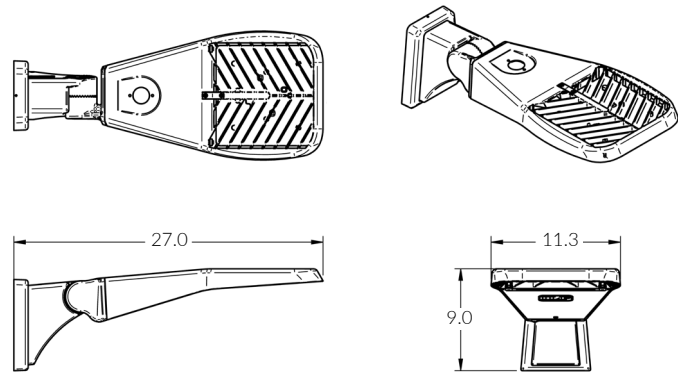
SAS Wall Fixed Mount (WFM)



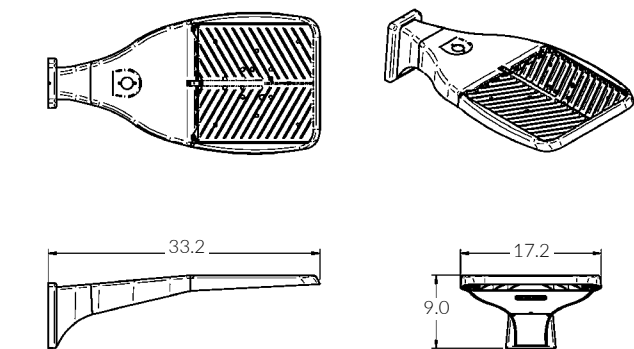
WFM/WAM Mounting Detail



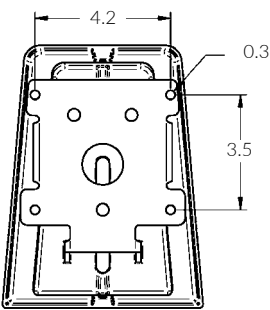
SAS Wall Adjustable Mount Bracket (WAM)



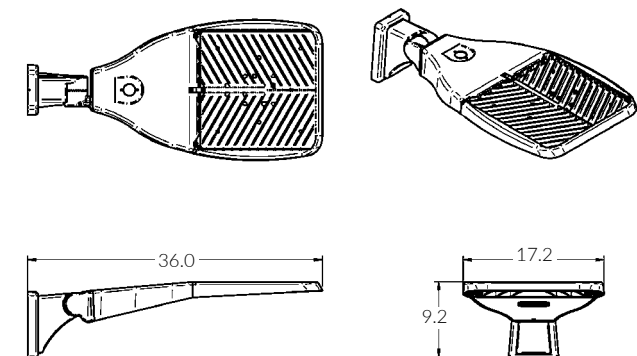
SAM Wall Fixed Mount (WFM)



WFM/WAM Mounting Detail



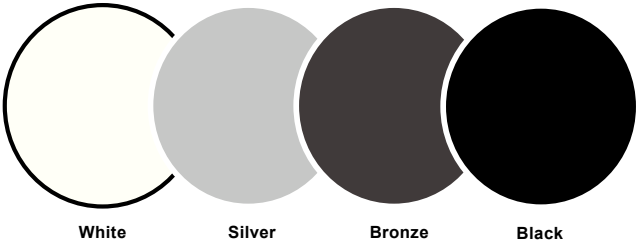
SAM Wall Adjustable Mount Bracket WAM



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WALL MOUNT SERIES

FACTORY SELECT FINISH GUIDE

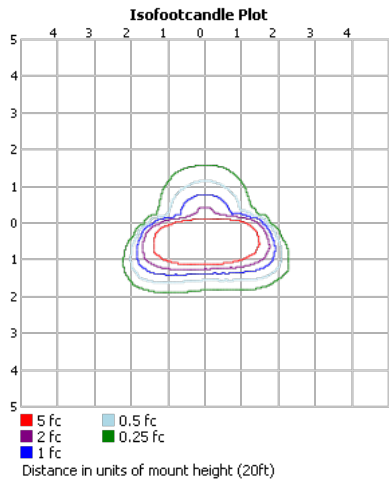


COLOR NAME AND DESCRIPTION	PRICING
WHT - ILP White	Standard
SLV - ILP Silver	Standard
BRZ - ILP Bronze	Standard
BLK - ILP Black	Standard
COLORS SHOWN ABOVE ARE TO BE USED AS REFERENCE, NOT EXACT MATCH. PLEASE REQUEST PAINT CHIPS FOR EXACT MATCH.	

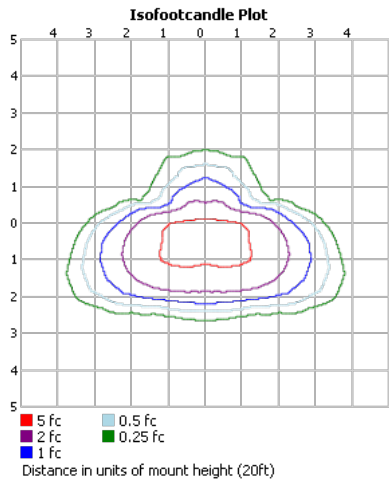
PHOTOMETRIC REPORTS

Photometric values based upon tests performed in compliance with LM-79. IES files can be downloaded at www.ilp-inc.com

T2



T3



T4

