



SKYLINE FLOOD LIGHT SERIES

PRODUCT
OVERVIEW



SCAN OR
CLICK HERE

FEATURES

- Simplifies installation with a versatile, no-drilling mounting system that enables one-person setup on existing poles.
- Delivers precision lighting with a wide range of optical distributions, including Medium, Wide, Forward, and Very Wide options.
- Withstands harsh environments with an IP66-rated die-cast aluminum housing and durable powder coat finish.
- Reduces energy costs with high-efficiency LED technology and 0-10V dimmable drivers.
- Enhances control and adaptability with wireless integration, photocell options, and field-adjustable output.
- Meets demanding application needs with robust thermal performance, vibration resistance, and multiple mounting configurations.

DIGITAL NAVIGATION

Explore the spec sheet through the links below

[ORDERING GUIDE](#)

[LED SYSTEMS TABLE](#)

[EPA RATINGS VIBRATION CHART](#)

[TILT DEGREE](#)

[ELECTRICAL DATA AMPS](#)

[CONTROLS](#)

[SHIELDING OPTIONS](#)

[LINE DRAWINGS](#)

[PHOTOMETRIC DATA](#)



* Shown with UAB Mounting

SUITABLE APPLICATIONS

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

CERTIFICATIONS



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 9 optional mounting methods allow for easy installation while the hinged door allows for quick drop-down driver access for maintenance. The fully gasketed housing is IP66 rated for whole luminaire ingress protection against moisture and environmental contaminants. The Skyline's low-profile design results in a low EPA, allowing pole optimization to thinner or smaller size pole shafts. 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 refractive optics to provide exceptional coverage and uniformity in factory rotatable IES Types 2, 3, 4, 5S (Square) or FTA (Forward Throw Automotive). 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 optical integrated House side shield (HSS) option allows for improved backlight control without any large shields taking away from the site. The Skyline series produces Zero uplight and is IDA listed in 3000K color temperature. Optional field installed 3-sided glare shield accessory is available for on-site external house side protection.

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 (277-480 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 Skyline series offers multiple tiltable mounting options, all 3G-rated except for the 1.5G-rated slip fitter (SLPF). The SLPF supports vertical or horizontal tenons with full tilting. The universal adjustable bracket (UAB) and UAB/R provide full-range tilting for square and round poles. The wall adjustable mount (WAM) allows for tiltable wall installation, while the trunnion/yoke bracket (TRN) supports flood applications with full adjustability. All mounts include a 3-wire, 3' outdoor-rated cord, with a 5-wire option available for external dimming. See charts for vibration, weight, and EPA details.

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. See controls section for detailed information on standalone and wireless control options.

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. Finish salt-spray tested to 500 hours per ASTM B117.

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.

WARRANTY

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



ORDERING GUIDE

PART #

Example: SFM-24L-U-50-WD-UAB-BRZ-NURO

SERIES	LUMENS	DRIVER	CCT	DISTRIBUTION	MOUNTING	FINISH
SFS Skyline Flood Small	6L 6,000 lm 9L 9,000 lm 12L 12,000 lm 15L 15,000 lm 18L 18,000 lm	U 120-277V HV 277-480V	30 3000K 40 4000K 50 5000K	MD Medium (4x4) WD Wide Forward (6x6) VW Very Wide (7x6)	SLPF Adjustable Slip Fitter UAB Universal Adjustable UAB/R Universal Adjustable Sqr/Rnd pole 3"-6" WAM Wall Adjustable Mount TRN Trunnion Mount	BRZ Bronze BLK Black WHT White SLV Silver NAT Natural Aluminum
SFM Skyline Flood Medium	24L 24,000 lm 30L 30,000 lm 36L 36,000 lm 42L 42,000 lm 50L 50,000 lm					

SML	CONTROLS OPTIONS		PROTECTION
BLANK None SMLxxxx Specified Lumen Output (xxxx= Lumen Output, Nearest Hundred)	BASIC	ADVANCED	BLANK None SP1 ¹ 10kA Surge Protection Device SP2 ¹ 20kA Surge Protection Device SP1HV 10kA Max 480V Surge Protector SP2HV 20kA Max 480V Surge Protector FUSE/SXXX FUSE 120V, 277V, 347V (x= voltage) FUSE/DXXX FUSE 208V, 240V, 480V (x= voltage)
	BLANK None FAO Field Adjustable Output CR3P 3-Pin NEMA Control receptacle CR7P ⁶ 7-Pin NEMA Control receptacle FSP311/LX ^{1,3} Legrand FSP-311 120/277V Sensor (X = Mounting Height 3=10-20', 7=20-40') FSP321/LX ³ Legrand FSP-321 120-480V Sensor (X = Mounting Height 3=10-20', 7=20-40') CR3P/FAO 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 Universal 7-Pin control receptacle with FSP Sensor (X= Mounting Height, 3=20', 7=40') (Controls provided by others)	BLANK None NURO ^{1,3} NUROAir Plug n Play Bluetooth Groupable Sensor SYN ⁵ Synapse Control System SYNS/LX ⁵ Synapse Control System w/ Sensor (X = Mounting Height 3=10-20', 7=20-40')	

WARRANTY	SHIP WITH ACCESSORIES
BLANK 5 Year 10YR 10 Year	BLANK None SAx/BIRD/yyy Bird Spikes (x= fixture size)(yyy=finish) SFx/Vs/yyy ² Rotatable Visor (yyy=finish) SFx/FV/yyyy ² Full 3600 Visor (yyy=finish) ILP PAINT CHIP PACK yyy ILP Standard Color Paint Chips TL7/HVG ^{5,7} Synapse Twist Lock Mesh Network 120-480V TLPC/HV ⁴ 277-480V Twist Lock Photocell TLPC/UNV ^{1,4} 120-277V Twist Lock Photocell

FOOTNOTES

¹ Not available with HV option

² Option Not DLC qualified

³ Requires Bluetooth Enabled device for programming (provided by others)

⁴ Only Compatible with CR3P and CR7P

⁵ Contact Factory for Site Layout, For HV models contact Factory for pricing.

⁶ Dimming Leads will be wired to receptacle unless otherwise specified

⁷ CR7P Required



LED SYSTEMS INFO

LED SYSTEMS INFO ^{1,3}		3000K		4000K		5000K		Watts ²	Replaces
Part Numbers	Distribution	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy		
SFS-6L	MD	6976	152	7163	156	7055	154	46 W	175W MH
	WD	6896	151	7082	155	6975	152		
	VW	6977	152	7165	156	7056	154		
SFS-9L	MD	9868	143	10183	148	10030	146	69 W	250W MH
	WD	9756	142	10068	146	9916	144		
	VW	9870	143	10186	148	10032	146		
SFS-12L	MD	13336	162	13695	167	13489	164	82 W	320W MH
	WD	13185	160	13539	165	13336	162		
	VW	13339	162	13697	167	13492	164		
SFS-15L	MD	16824	156	17277	160	17016	157	108 W	400W MH
	WD	16634	154	17081	158	16824	156		
	VW	16828	156	17280	160	17020	157		
SFS-18L	MD	19459	144	20013	148	19944	147	135 W	400W MH
	WD	19239	142	19801	146	19718	146		
	VW	19464	144	20017	148	19948	147		
SFM-24L	MD	24287	147	24972	151	24611	149	165 W	400W MH
	WD	25585	155	26307	159	25926	157		
	VW	25629	155	26352	160	25971	157		
SFM-30L	MD	29239	131	31953	143	31490	141	223 W	750W MH
	WD	30801	138	33660	151	33173	149		
	VW	30855	139	33718	151	33230	149		
SFM-36L	MD	35867	151	37575	158	37031	156	238 W	750W MH
	WD	37783	159	39583	166	39010	164		
	VW	37849	159	39651	167	39077	164		
SFM-42L	MD	39948	145	41730	151	41245	149	276 W	1000W MH
	WD	42083	152	43976	159	43449	157		
	VW	42156	153	44068	159	43524	158		
SFM-50L	MD	48908	140	51238	146	50496	144	350 W	1000W MH
	WD	51521	147	53975	154	53194	152		
	VW	51610	147	54069	154	53286	152		

¹ Values are nominal, see IES file for more detail ² Electrical data at 25C (77F). Actual wattage may differ by +/-10%.







EPA RATINGS AND VIBRATION CHART

	SLPF		UAB (R)		WAM		TRN		WEIGHT
SFS	0.53	1.5g	0.53	3g	0.53	3g	0.47	1.5g	11 lbs
SFM	0.71	1.5g	0.71	3g	0.71	3g	0.64	1.5g	22 lbs
WEIGHT	4.5 lbs		5.5 lbs		6.0 lbs		2.5 lbs		

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



TILT DEGREE

TILT DEGREE		0°	30°	45°	TILT DEGREE		0°	30°	45°
 Single	SFS	0.53	1.49	1.95	 T90°	SFS	1.27	2.07	2.71
	SFM	0.71	2.79	3.75		SFM	1.70	3.88	5.21
 D180°	SFS	1.17	1.49	1.95	 TN120°	SFS	1.38	3.13	4.06
	SFM	1.56	2.79	3.75		SFM	1.85	5.86	7.80
 D90°	SFS	0.95	1.79	1.95	 Q90°	SFS	1.27	2.07	2.71
	SFM	1.28	3.35	3.75		SFM	1.70	3.88	5.21

*EPA for SPLF, UAB, and WAM mounts

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

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



CONTROLS OPTIONS

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).

FSP311/Ly - FSP321/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=10'-20'.

Default Settings:

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

ADVANCED

NUROAir by ILLUMUS

NURO

NUROAir Plug n Play Bluetooth Sensor is the optimal groupable controls lighting solution. With main features such as Plug and Play, PIR Motion Sensing, Occupancy/Vacancy and Photocell (BLK) - this flexibility makes the NUROAir Plug n Play Sensor ideal for tailoring lighting to specific space needs, optimizing both ambiance and efficiency. The NUROAir App, available for download on iOS and Google Play Store, offers a user-friendly interface for automatic or manual customization of your space. Through the app, users can configure sensor settings such as the Light Output, CCT, Hold Time, Standby Time/Level, High/Low End Trim, Background Light Level, Set Schedules, and Control Lighting Groups or Zones, all from a mobile or tablet device. Manual control is also available with a range of compatible wireless & wired wall switch options.



*Click Here or Scan Code
to Learn More About*

NUROAir Bluetooth Controls

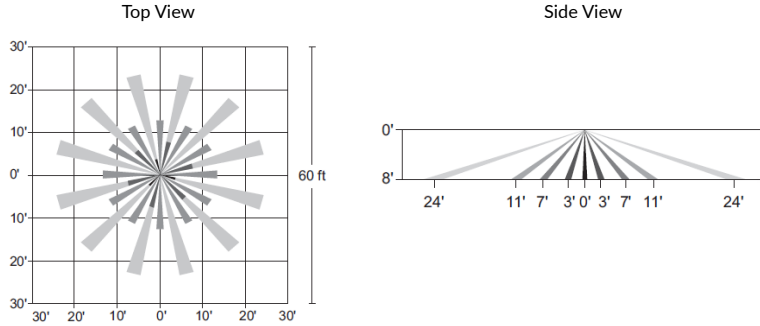
Synapse (SYN or TL7)

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 120-480V. 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.

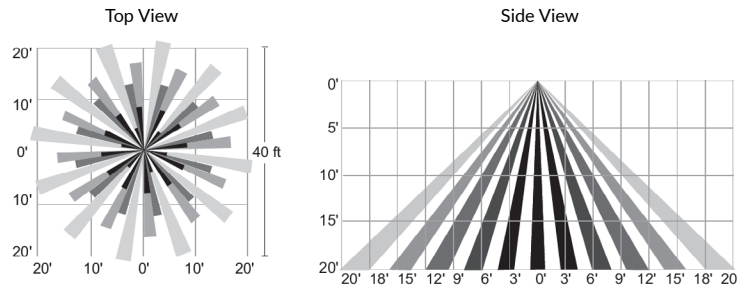


COVERAGE PATTERNS

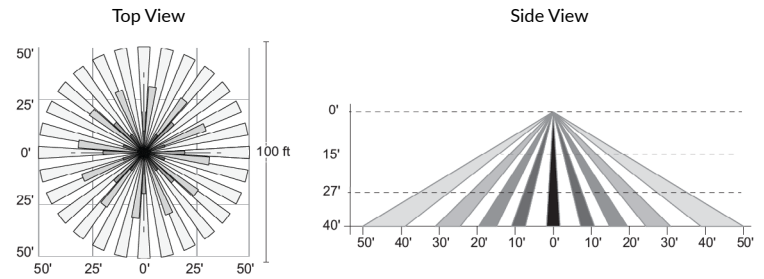
SYNS/L2 and FSP311/Lx - FSP321/Lx



SYNS/L3 and FSP311/Lx - FSP321/Lx



SYNS/L7 and FSP311/Lx - FSP321/Lx



SHIELDING OPTIONS



SFx/VSyyy
Rotatable Visor

3-Sided field installable visor. Shown with medium housing.

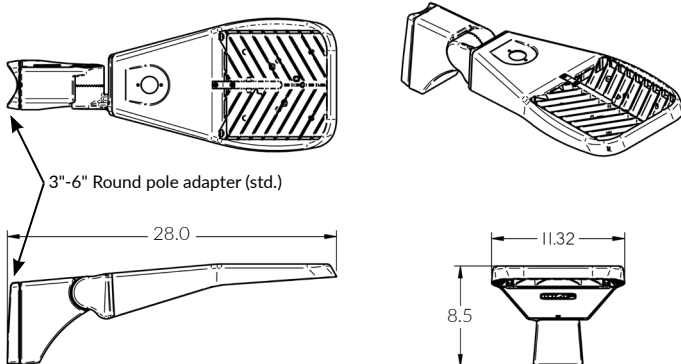


SFx/FVyyy
Full 360° Visor

4 Sided field installable full Snoot/Visor. Shown with Medium Housing.

LINE DRAWINGS

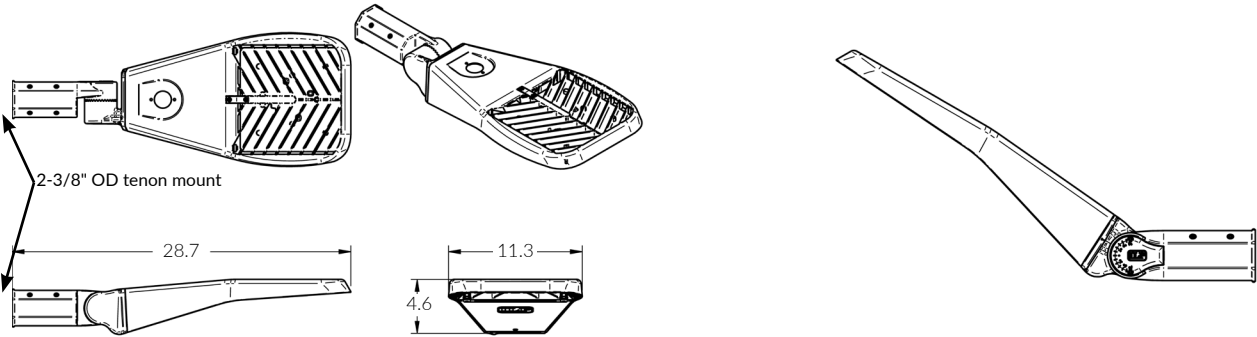
SFS Universal Adjustable Mount Bracket (UAB)



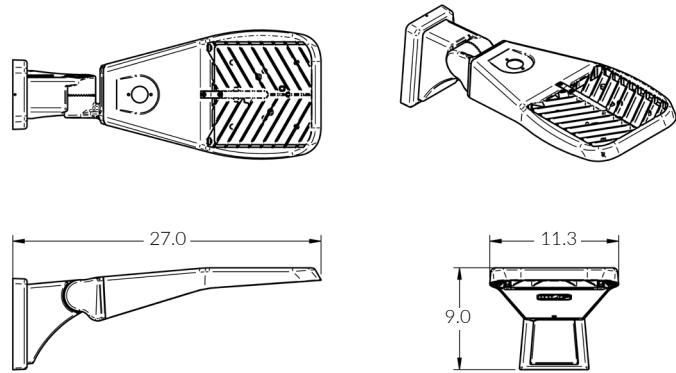


LINE DRAWINGS (Continued)

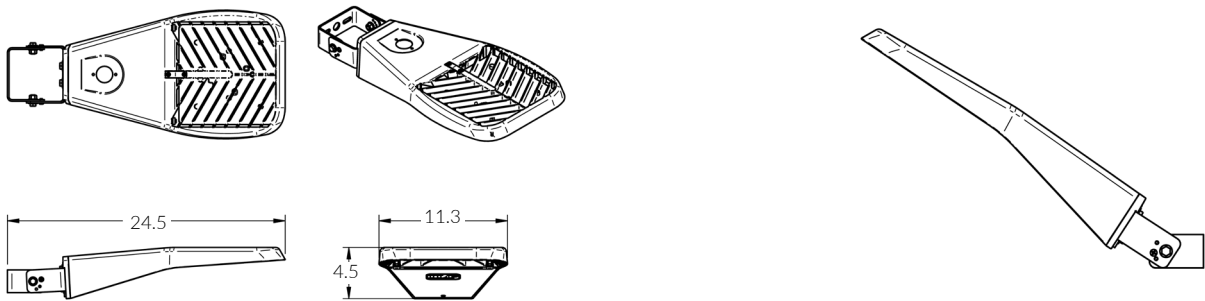
SFS Adjustable Slip Fitter (SLPF)



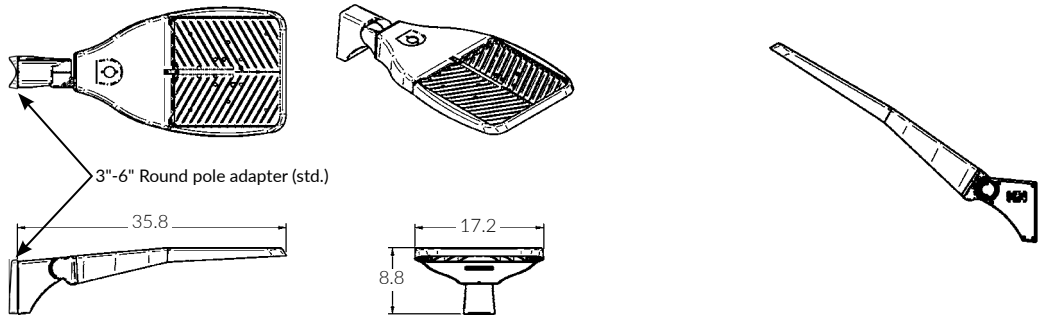
SFS Wall Adjustable Mount Bracket (WAM)



SFS Trunnion Mount (TRN)

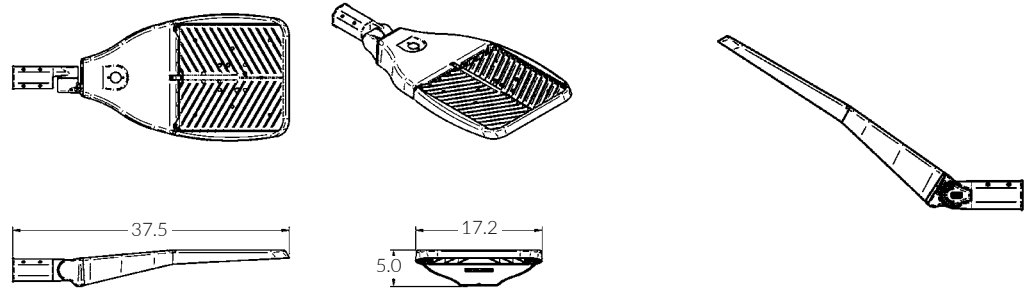


SFM Universal Adjustable Mount Bracket (UAB)

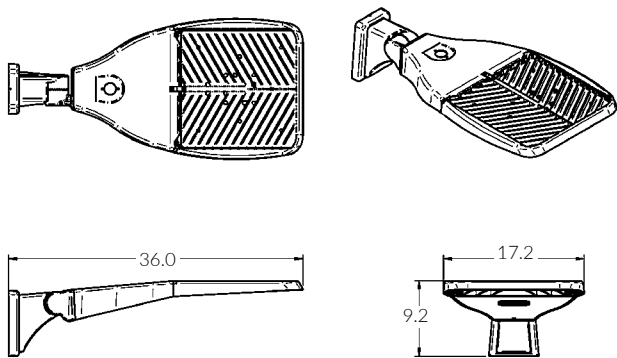


LINE DRAWINGS (Continued)

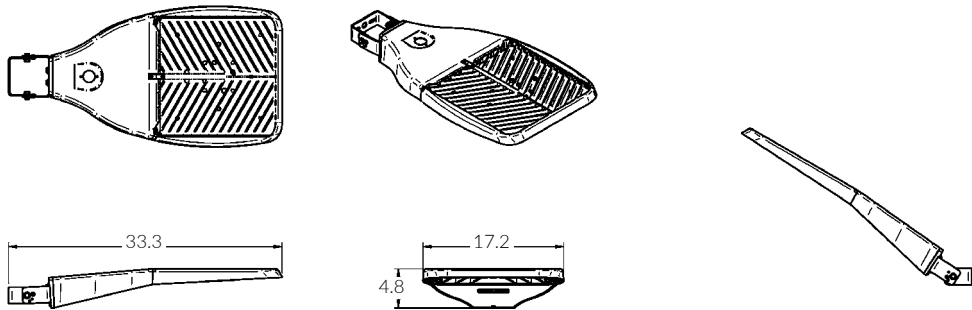
SFM Adjustable Slip Fitter (SLPF)



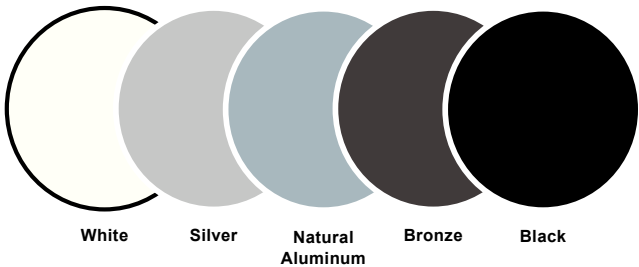
SFM Wall Adjustable Mount Bracket WAM



SFM Trunnion Mount (TRN)



FACTORY SELECT FINISH GUIDE



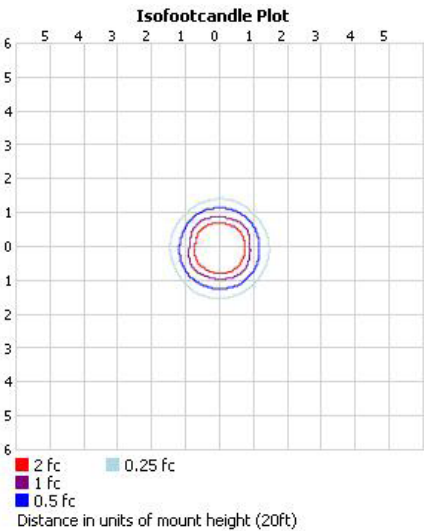
COLOR NAME AND DESCRIPTION		PRICING
WHT	- ILP White	Standard
SLV	- ILP Silver	Standard
NAT	- ILP Natural Aluminum	Standard
BRZ	- ILP Bronze	Standard
BLK	- ILP Black	Standard
COLORS SHOWN ABOVE ARE TO BE USED AS REFERENCE, NOT EXACT MATCH. PLEASE REQUEST PAINT CHIPS FOR EXACT MATCH.		



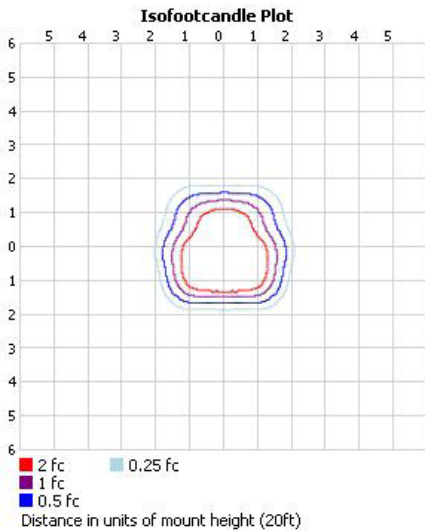
PHOTOMETRICS

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

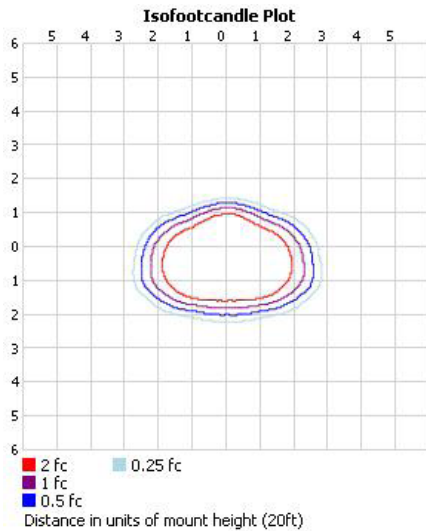
Medium Distribution (MD) NEMA 4x4



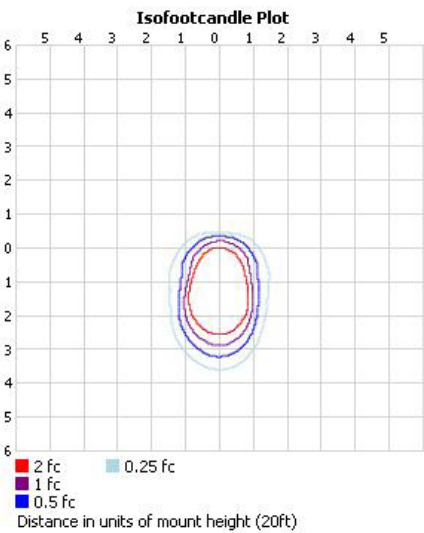
Wide Distribution (WD) NEMA 6x6



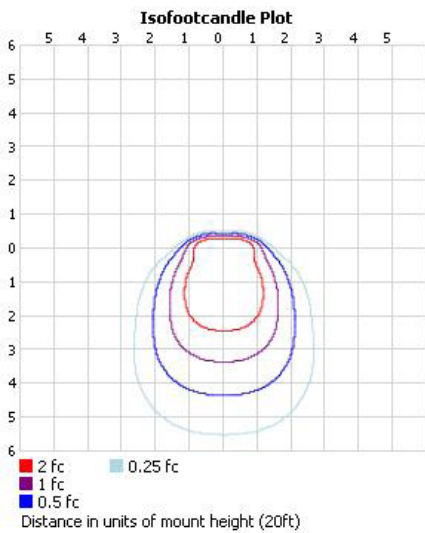
Very Wide Forward Distribution (VW) NEMA 7x6



Medium Distribution (MD) with 45° tilt



Wide Distribution (WD) with 45° tilt



Very Wide Forward Distribution (VW) with 45° tilt

