



SKYLINE WALL PACK

PRODUCT
OVERVIEW



SCAN OR
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FEATURES

- Delivers uniform and precise lighting with five optical distributions for maximum coverage with optional diffuse lens for maximum visual comfort
- Available in three sizes, delivering 1,000 to 24,000 lumens at up to 152 LPW for a scalable lighting solution that fits any application.
- Pairs with the matching Skyline Area Light for a cohesive site lighting solution, ensuring a uniform look across any project.
- Patent-pending quick-mount bracket enables hands-free wiring and simplifies installation on standard junction boxes or vertical surfaces.
- Ensures long-lasting performance with an IP66-rated die-cast aluminum housing and UV-stabilized optics.
- Offers advanced control options with wireless integration, PIR occupancy sensors, and bi-level dimming capabilities.
- Integrated EM in all fixture sizes for emergency Egress.

DIGITAL NAVIGATION

Explore the spec sheet through the links below

[ORDERING GUIDE](#)
[LED SYSTEMS TABLE](#)
[CONTROLS](#)
[LINE DRAWINGS](#)


SUITABLE APPLICATIONS

- Exterior Wall Lighting
- Industrial Facilities
- Multi-Family
- Building Entrances
- Parking Lots
- Retail
- Pedestrian Walkways
- Storage Facilities
- Office
- Multi-use Facilities
- Education

CERTIFICATIONS



SPECIFICATIONS

CONSTRUCTION

The Skyline Wall Pack series features an architectural rectilinear wedge shape with die-cast aluminum construction. Available in 3 different sizes for a fully scalable solution, the fully gasketed housings are IP66 rated for whole luminaire ingress protection against moisture and environmental contaminants. The Skyline is protected with a durable Bronze polyester powder coat finish to withstand extreme weather changes without cracking or peeling with optional wet paint Black, White, Natural Aluminum and Silver finishes (Consult factory for availability of alternate finishes). Finish is Salt Spray tested for 500 hrs.

OPTICS

The IP66 silicone gasket sealed optical chamber utilizes proprietary polycarbonate refractive optics to provide exceptional coverage and uniformity in IES Types 2, 3, 4, or 4FT. 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 80. The Skyline series produces Zero uplight and is DarkSky approved in 3000K color temperature. The optional Visual Comfort Acrylic (AD) lens enhances the building's entryways by creating a welcoming and visually comfortable environment. Its recessed optics, paired with a surface-mounted diffusing lens, minimize surface brightness while maintaining effective optical control.

ELECTRICAL

High-performance driver 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). L85 >100,000 hrs. in accordance of IESNA TM-21-19 Projected values at 25°C Ambient temperature. Total harmonic distortion: <20%. Power factor: >0.90. Surge Protection -10kA: 1L-4L; 6kV: 6L-24L. Additional protection is available in 10kV and 20kV options. Optional 120-277V battery backup & cold weather battery options provide 90 minutes of constant power to the LED system, ensuring code compliance. Select models CEC title 20 Compliant, see ordering guide.

THERMAL

The Skyline Wall Pack Series features an array of High-efficiency LED's mounted on a metal core circuit board. The LED boards are mounted directly to the cast aluminum housing with internal heat dissipating fins to provide excellent thermal performance extending the life of electronic components. Base Operating Ambient Temperature: -40°C to +50°C (-40°F to +122°F). SWM, SWL: -40°C to +40°C (-40°F to +104°F). Reduced fixture maximum ambient on emergency battery backups and HV options, consult factory.

INSTALLATION

The Skyline Wall Pack is designed for effortless installation, featuring a patent-pending universal quick-mount bracket that enables hands-free wiring. This innovative bracket securely holds the fixture in place while wiring connections are made, streamlining the installation process. It is compatible with standard 3-1/2" to 4" round/octagonal, 4" square, and single-gang masonry junction boxes, as well as vertical surface mounting using lag bolts (supplied by others). The SBB option allows for 1/2" NPT conduit entry points for surface conduit or through-branch wiring. The back box is an authorized electrical wiring compartment. The Architectural Wall Spacer (AWS) enhances the fixture's aesthetic by creating a subtle floating effect while also helping to compensate for minor wall surface irregularities.

CONTROLS

Optional integrated passive infrared Bluetooth™ motion sensors are available on SWM & SWL fixtures for standalone controls and can be configured using an intuitive iOS or Android app.

For advanced wireless control, the Skyline Wall Pack (SWM/SWL) offers Bluetooth & 2.4Ghz wireless mesh network options via NuroAir, Synapse, & Enlighted. See controls section for detailed information on standalone and wireless control options.

CERTIFICATIONS

ETL Listed for wet locations to UL 1598 and UL 8750 standards. IP66 Rated Optical Chamber per IEC 60598. Tested in accordance with IESNA LM-79 and LM-80 standards. BAA compliant. RoHS Compliant. Title 24 Compliant; see local ordinance for qualification information. 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: SWM-5L-U-50-T4-BRZ-EM16-NURO-SP1-10YR

SERIES	LUMENS	DRIVER	CCT	OPTIC	LENS	FINISH
SWS² Skyline Wall Pack Small	1L² 1,000 lm 2L² 2,000 lm 3L² 3,000 lm	U 120-277V HV 347-480V	30 3000K 40 4000K 50 5000K	T2⁸ T2 - Type 2 T3⁸ T3 - Type 3 T4 T4 - Type 4 T4FT⁸ Forward Throw	BLANK None AD⁷ Visual Comfort Diffuser	BRZ Bronze BLK Black NAT Natural Aluminum SLV Silver WHT White RALxxxx¹ Custom (xxxx = Custom RAL#)
SWM Skyline Wall Pack Medium	3L² 3,000 lm 4L 4,000 lm 6L 6,000 lm 9L 9,000 lm 12L^{2,5} 12,000 lm					
SWL Skyline Wall Pack Large	12L 12,000 lm 15L 15,000 lm 18L⁵ 18,000 lm 21L^{2,5} 21,000 lm 24L^{2,5} 24,000 lm					

SML	
BLANK	None
SMLxxxx ¹	Specified Lumen Output (xxxx= Lumen Output, Nearest Hundred)

EMERGENCY	
BLANK	None
EM5 ^{7,13}	5°C 5W Self Diagnostic CEC Title 20 Battery Backup
EM16 ⁸	5°C 16W Self Diagnostic CEC Title 20 Battery Backup
EMCT6 ^{7,8}	6W Self Diagnostic Cold Temp Battery Backup -40°F (-40°C) - CEC Title 20 Compliant
EMCT8 ^{7,8}	8W Self Diagnostic Cold Temp Battery Backup -22°F (-30°C) - CEC Title 20 Compliant
EMCT14 ^{7,8}	-20°C CEC Title 20 14W Self Diagnostic Cold Temp Battery Backup

CONTROLS OPTIONS			
BASIC		ADVANCED	
BLANK	None	BLANK	None
FSP311/LX ^{2,3,8,11}	Legrand FSP-311 120/277V Sensor (X = Mounting Height 2=<10', 3=10-20', 7=20-40')	NURO ^{2,3,8}	NUROAir Plug n Play Bluetooth Groupable Sensor
		SYN ^{2,5,8,14}	Synapse Control System
FSP321/LX ^{3,8,12}	Legrand FSP-321 120-480V Sensor (X = Mounting Height 2=<10', 3=10-20', 7=20-40')	SYNS/LX ^{2,5,8,11,14}	Synapse Control System w/ Sensor (X = Mounting Height 3=10-20', 7=20-40')
PCU ²	Electronic UNIV Photocell (120-277V)		

PROTECTION	WARRANTY	SHIP WITH ACCESSORIES
BLANK None SP1² 10kA Surge Protection Device SP2² 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 5 Year 10YR⁹ 10 Year	BLANK None +SWx-SBB-yyy-KIT Surface Back Box (x=fixture size; yyy = Finish; BRZ, BLK, SLV, WHT, NAT) +SWx-AWS-yyy-KIT⁶ Architectural Wall Spacer (x=fixture size; yyy = Finish; BRZ, BLK, SLV, WHT, NAT)

FOOTNOTES

¹ Contact Factory for pricing and availability

² Not available with HV option

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

⁴ Only available with SWL-12L

⁵ Not available with EM

⁶ Not compatible with SBB

⁷ Not available with SWL

⁸ Not available with SWS

⁹ Requires additional Surge Protection; For additional details see General Terms and Conditions, consult factory for pricing

¹⁰ Not compatible with any control options

¹¹ L7 only available with SWL

¹² Only available with SWL

¹³ Not available with SWM

¹⁴ Requires additional system components; Contact Factory for Site Layout

CONTINUE TO NEXT PAGE

DARKSKY APPROVED ORDERING GUIDE

PART #

Example: SWM-5L-U-50-T4-BRZ-EM16-NURO-SP1-10YR

SERIES	LUMENS	DRIVER	CCT	OPTIC	LENS	FINISH
SWS² Skyline Wall Pack Small	1L² 1,000 lm 2L² 2,000 lm 3L² 3,000 lm	U 120-277V HV 347-480V	30 3000K	T2⁸ T2 - Type 2 T3⁸ T3 - Type 3 T4 T4 - Type 4 T4FT⁸ Forward Throw	BLANK None AD⁷ Visual Comfort Diffuser	BRZ Bronze BLK Black NAT Natural Aluminum SLV Silver WHT White RALxxxx¹ Custom (xxxx = Custom RAL#)
SWM Skyline Wall Pack Medium	3L² 3,000 lm 4L 4,000 lm 6L 6,000 lm 9L 9,000 lm 12L^{2,5,15} 12,000 lm					
SWL Skyline Wall Pack Large	12L¹⁵ 12,000 lm 15L¹⁵ 15,000 lm 18L^{5,15} 18,000 lm 21L^{2,5,15} 21,000 lm 24L^{2,5,15} 24,000 lm					

SML	EMERGENCY	CONTROLS OPTIONS	
		BASIC	ADVANCED
BLANK None SMLxxxx Specified Lumen Output (xxxx= Lumen Output, Nearest Hundred)	BLANK None EM5^{7,13} 5°C 5W CEC Title 20 Battery Backup EM16⁸ 5°C 16W CEC Title 20 Battery Backup EMCT6^{7,8} 6W Cold Temp Battery Backup -40°F (-40°C) - CEC Title 20 Compliant EMCT8^{7,8} 8W Cold Temp Battery Backup -22°F (-30°C) - CEC Title 20 Compliant EMCT14^{7,8} -20°C CEC Title 20 14W Cold Temp Battery Backup	BLANK None FSP311/LX^{2,3,8,11} Legrand FSP-311 120/277V Sensor (X = Mounting Height 2=<10', 3=10-20', 7=20-40') FSP321/LX^{3,8,12} Legrand FSP-321 120-480V Sensor (X = Mounting Height 2=<10', 3=10-20', 7=20-40') PCU² Electronic UNIV Photocell (120-277V)	BLANK None NURO^{2,3,8} NUROAir Plug n Play Bluetooth Groupable Sensor SYN^{2,5,8,14} Synapse Control System SYNS/LX^{2,5,8,14} Synapse Control System w/ Sensor (X = Mounting Height 3=10-20', 7=20-40') SU/5S/LR/CL^{2,8} Enlighted 5S Connected Lighting (CL) Sensor with Control Unit SU/5S/LR/IOT^{2,8} Enlighted 5S Internet of Things (IOT) Sensor with Control Unit

PROTECTION	WARRANTY	SHIP WITH ACCESSORIES
BLANK None SP1² 10kA Surge Protection Device SP2² 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 5 Year 10YR⁹ 10 Year	BLANK None +SWx-SBB-yyy-KIT Surface Back Box (x=fixture size; yyy = Finish; BRZ, BLK, SLV, WHT, NAT) +SWx-AWS-yyy-KIT⁶ Architectural Wall Spacer (x=fixture size; yyy = Finish; BRZ, BLK, SLV, WHT, NAT)

FOOTNOTES

¹ Contact Factory for pricing and availability

² Not available with HV option

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

⁴ Only available with SWL-12L

⁵ Not available with EM

⁶ Not compatible with SBB

⁷ Not available with SWL

⁸ Not available with SWS

⁹ Requires additional Surge Protection; For additional details see General Terms and Conditions, consult factory for pricing

¹⁰ Not compatible with any control options

¹¹ L7 only available with SWL

¹² Only available with SWL

¹³ Not available with SWM

¹⁴ Requires additional system components; Contact Factory for Site Layout

¹⁵ Not available with pedestrian comfort luminaire

LED SYSTEMS INFO

LED SYSTEMS INFO¹		3000K		4000K		5000K		Watts²	BUG Rating	DLC
Part Numbers	Lens	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy			
SWS-1L	T4	932	136.5	993	145.4	1027	149.7	7	B0-U0-G0	Premium
SWS-2L	T4	2092	136.5	2180	140.3	2254	144.4	16	B1-U0-G1	Premium
SWS-3L	T4	2757	129.6	2873	133.2	2970	137.1	21	B1-U0-G1	Premium
SWM-3L	T2	3051	148.5	3110	150.0	3270	156.9	21	B1-U0-G1	Premium
	T3	3108	151.2	3168	152.8	3331	159.8			Premium
	T4	3071	149.5	3131	151.0	3292	158.0			Premium
	T4FT	3037	147.8	3096	149.4	3256	156.2			Premium
SWM-4L	T2	3981	145.6	4059	147.1	4268	153.9	28	B2-U0-G2	Premium
	T3	4056	148.3	4134	149.9	4348	156.7			Premium
	T4	4008	146.6	4086	148.1	4297	154.9			Premium
	T4FT	3964	145.0	4041	146.5	4249	153.2			Premium
SWM-6L	T2	5940	140.7	6055	142.2	6367	148.7	43	B2-U0-G2	Premium
	T3	6051	143.3	6168	144.8	6486	151.5			Premium
	T4	5980	141.7	6096	143.1	6410	149.7			Premium
	T4FT	5914	140.1	6029	141.6	6339	148.1			Premium
SWM-9L	T2	8386	133.7	8549	135.1	8989	141.3	63	B2-U0-G2	Premium
	T3	8542	136.2	8708	137.6	9157	143.9			Premium
	T4	8443	134.6	8607	136.0	9050	142.2			Premium
	T4FT	8349	133.1	8512	134.5	8950	140.7			Premium
SWM-12L	T2	10759	125.9	10967	127.2	11533	133.1	86	B2-U0-G2	Premium
	T3	10960	128.2	11168	129.6	11749	135.5			Premium
	T4	10832	126.8	11043	128.1	11612	134.0			Premium
	T4FT	10700	125.4	10908	126.7	11470	132.5			Premium
SWL-12L	T2	12294	148.5	12533	150.1	13178	157.0	83	B2-U0-G2	Premium
	T3	12523	151.3	12767	152.9	13425	159.9			Premium
	T4	12377	149.6	12618	151.1	13268	158.1			Premium
	T4FT	12240	147.9	12478	149.4	13121	156.3			Premium
SWL-15L	T2	15165	141.9	15460	143.4	16256	150.0	108	B3-U0-G4	Premium
	T3	15448	144.6	15749	146.1	16560	152.8			Premium
	T4	15268	142.9	15565	144.4	16367	151.0			Premium
	T4FT	15099	141.3	15393	142.8	16186	149.4			Premium
SWL-18L	T2	17838	135.3	18185	136.8	19121	143.0	133	B3-U0-G4	Premium
	T3	18171	137.9	18524	139.3	19479	145.7			Premium
	T4	17959	136.3	18308	137.7	19252	144.0			Premium
	T4FT	17760	134.8	18106	136.2	19038	142.4			Premium
SWL-21L	T2	20259	128.7	20653	130.1	21717	136.1	159	B3-U0-G4	Premium
	T3	20638	131.2	21039	132.5	22123	138.6			Premium
	T4	20397	129.6	20794	131.0	21865	137.0			Premium
	T4FT	20171	128.2	20563	129.5	21623	135.5			Premium
SWL-24L	T2	23037	122.1	23485	123.4	24695	129.1	190	B3-U0-G4	Premium
	T3	23467	124.4	23924	125.7	25156	131.5			Premium
	T4	23194	123.0	23436	124.3	24863	130.0			Premium
	T4FT	22937	121.6	23383	122.9	24588	128.5			Premium
¹Values are nominal, see IES file for more detail ²Electrical data at 25C (77F). Actual wattage may differ by +/-10%.										

CONTROLS OPTIONS

BASIC

FSP311/Lx - FSP321/Lx

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 up to 40' mounting lenses. See coverage patterns below, L7=20'-40', L3=10'-20', L2=<10'.

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 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

Enlighted

Enlighted's 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)

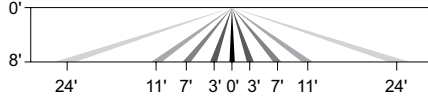
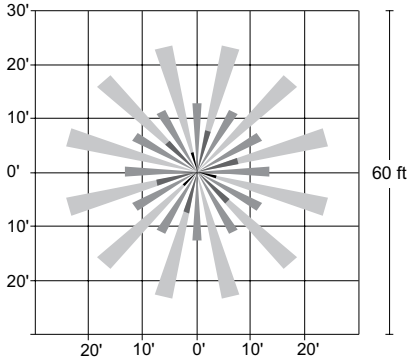
-Fixtures are controlled based on occupancy and ambient light. Includes individual lighting control plus connection to Enlighted Energy Manager. The Energy Manager provides data analysis for all data collected by Enlighted Smart Sensors for energy, occupancy & environment. Additionally, the IOT functionality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

Synapse (SYN)

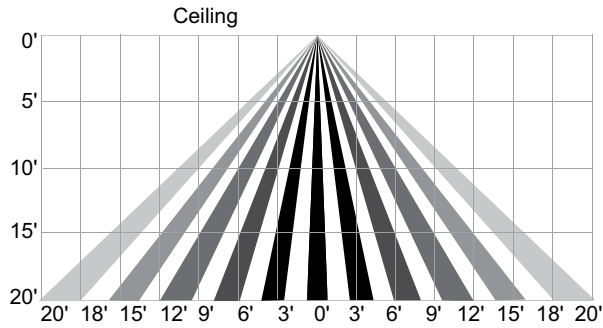
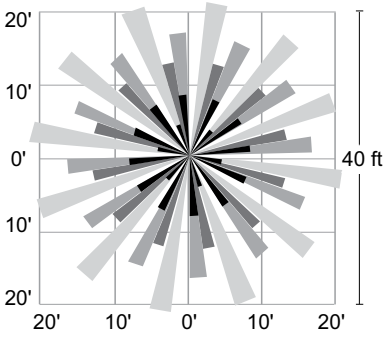
Utilizing a robust 2.4 GHz Self-Healing Mesh Network, Synapse provides flexibility and scalability making it a perfect outdoor solution for both new construction and retrofit projects. The easy-to-use web application is accessible on any device with an internet connection and allows for complete customization of the system and its features. Integral radio (SYN) includes (2) 24V inputs for a Wattstopper sensor. Sensors available in 10' or 40' mounting lenses. See coverage patterns below. Sensor mounted on hinged driver cover. Antenna exits side of luminaire for maximum connectivity.

COVERAGE PATTERNS

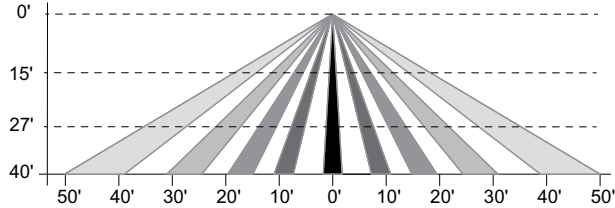
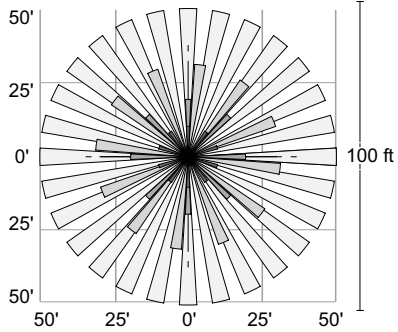
SYNS/L2, FSP311/L2, or FSP321/L2



SYNS/L3, FSP311/L3, or FSP321/L3



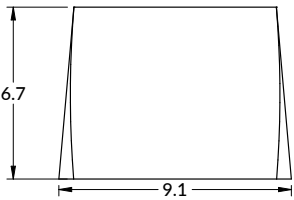
SYNS/L7, FSP311/L7, or FSP321/L7



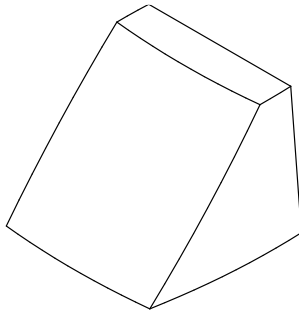
LINE DRAWINGS (All dimensions shown in inches)

SWS

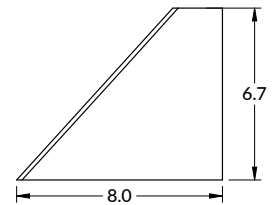
Front



Isometric



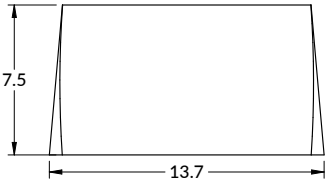
Side



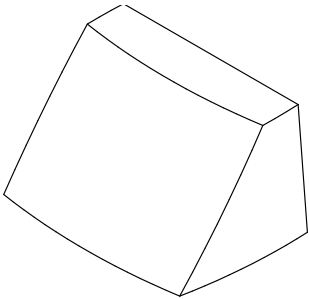
LINE DRAWINGS
 (Continued)

SWM

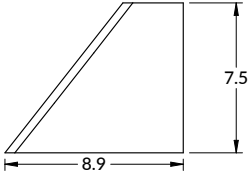
Front



Isometric

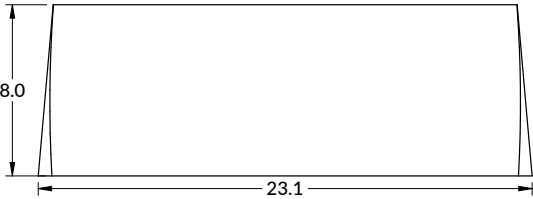


Side

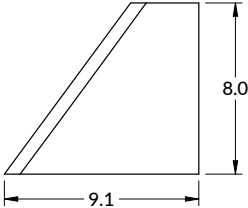


SWL

Front

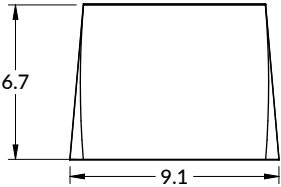


Side

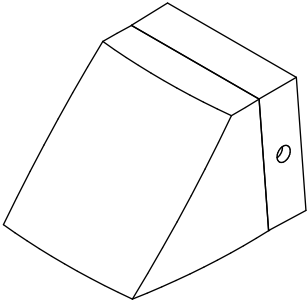


SWS SBB

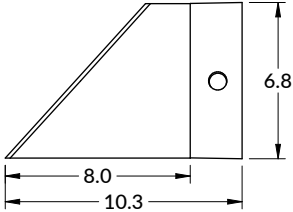
Front



Isometric



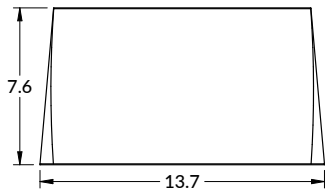
Side



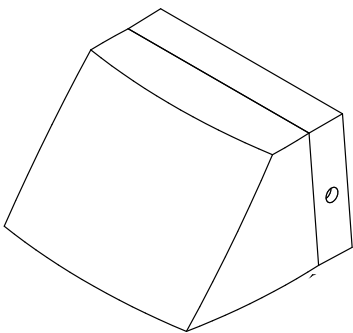
LINE DRAWINGS
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SWM SBB

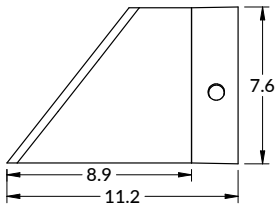
Front



Isometric

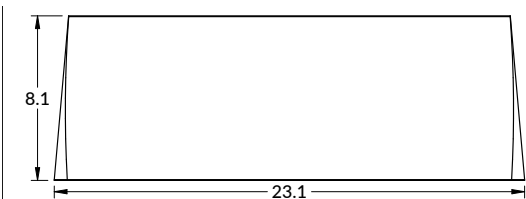


Side

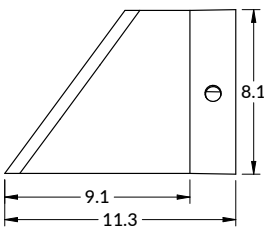


SWL SBB

Front

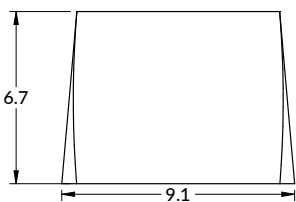


Side

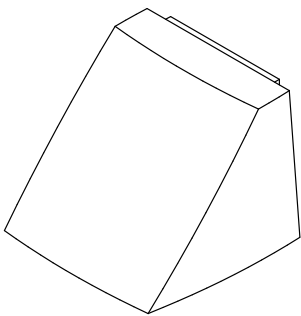


SWS AWS

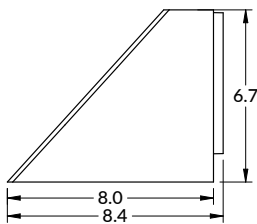
Front



Isometric

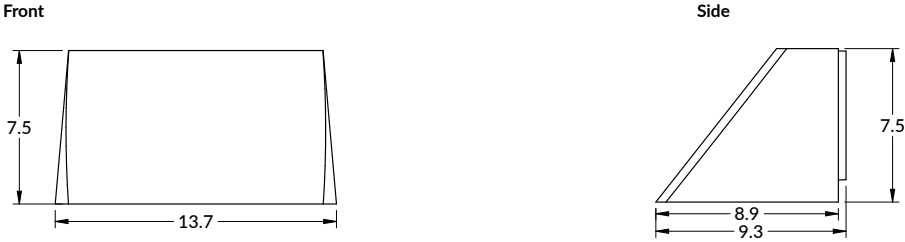


Side

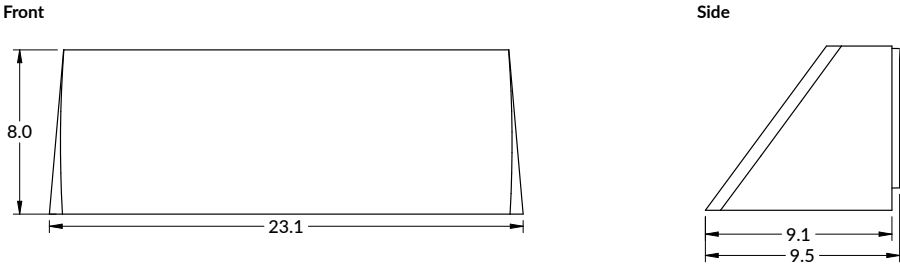


LINE DRAWINGS (Continued)

SWM AWS



SWLAWS



SWM NURO

