SYLVANIA Luminaires

Slim Floodlight

Item #	
Type	
Project	
Notes	
Date	

Application

The Slim Floodlight luminaires are lightweight, compact and designed for landscape, flood and signage applications.

Benefits and Features

- Lightweight, compact design with multiple mounting options
- IP66 rated with wide flood distribution
- Up to 123 LPW
- 3000K, 4000K, and 5000K color temperature
- CRI 80+
- Offered in 20, 30, 50, and 100 watts
- Energy savings up to 87%

Electrical

- 120-277 VAC
- Power factor ≥90%
- THD ≤20%
- Constant current LED driver with 4kV surge suppression

Rated Life

- ≥150,000 hours (L_{70})

Warranty

- Standard 5-year luminaire warranty (LEDLUM001)

Ambient Operating Range

- -40°F to +104°F (-40°C to +40°C)

Certifications and Listings

- cULus listed to UL1598 standards for wet locations and IP66 rated
- Driver meets UL1310 and UL48 Class I





Wattage Comparison

Traditional Source	Traditional System Wattage	LED System Wattage	Energy Savings
35W HPS	42	20	52%
50W HPS	62	20	68%
70W MH	91	20	78%
150W Q Halogen	150	20	87%
50W HPS	62	30	52%
70W HPS	91	30	67%
100W HPS	120	30	67%
100W MH	130	30	69%
200W Q Halogen	200	30	85%
150W HPS	170	50	71%
150W MH	188	50	73%
175W MH	210	50	76%
175W MH	210	100	52%
250W MH	290	100	66%
250W HPS	295	100	66%

Installation

Slim Floodlight 20-50W luminaires can be knuckle mounted with included 1/2" NPS for mounting to junction box. All models are also available with a trunnion mount (please see Ordering Information).

c UL us LISTED

RoHS compliant

*See page 2 for DLC listings.

SYLVANIA

Ordering Guide

SLMFLD	1A	/	XXX	UNV	8	XX	/	WF	/	XX	/	BZ	/	X
Product Name SLMFLD	Generation 1A		Wattage 020 = 20W 030 = 30W 050 = 50W 100 = 100W	Voltage UNV = 120-277V	CRI 8 = >80	Color Temp (CCT) 30 = 3000K* 40 = 4000K 50 = 5000K		Optics WF = Wide Flood		Mounting TR = Trunnion** Blank = Default mounting		Color/Finish BZ = Bronze		Options Blank = No Option D = Motion/Daylight Sensor

*3000K only available in 20W version.
**Default Mounting on 20-50W is Knuckle (Blank). Default Mounting on 100W is Trunnion (Blank).

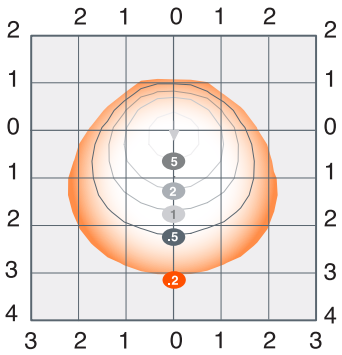
Ordering Information

Item Number	Ordering Abbreviation	Power (W)	Input Voltage	CRI	Color Temp (CCT)	Distribution	Total Fixture Lumens	LPW*	Mounting	DLC**	Options
74906	SLMFLD1A/020UNV830/WF/BZ	20	120-277V	>80	3000K	Wide Flood	2000	103	Knuckle	Std	–
74907	SLMFLD1A/020UNV840/WF/BZ	20	120-277V	>80	4000K	Wide Flood	2200	111	Knuckle	Prm	–
60200	SLMFLD1A/020UNV830/WF/TR/BZ	20	120-277V	>80	3000K	Wide Flood	2000	103	Trunnion	Std	–
60201	SLMFLD1A/020UNV840/WF/TR/BZ	20	120-277V	>80	4000K	Wide Flood	2200	111	Trunnion	Prm	–
60191	SLMFLD1A/020UNVD830/WF/BZ/D	20	120-277V	>80	3000K	Wide Flood	2000	103	Knuckle	Std	Sensor
60192	SLMFLD1A/020UNVD840/WF/BZ/D	20	120-277V	>80	4000K	Wide Flood	2200	111	Knuckle	Prm	Sensor
74908	SLMFLD1A/030UNV840/WF/BZ	30	120-277V	>80	4000K	Wide Flood	3400	110	Knuckle	Prm	–
74909	SLMFLD1A/030UNV850/WF/BZ	30	120-277V	>80	5000K	Wide Flood	3500	114	Knuckle	Prm	–
60202	SLMFLD1A/030UNV840/WF/TR/BZ	30	120-277V	>80	4000K	Wide Flood	3400	110	Trunnion	Prm	–
60203	SLMFLD1A/030UNV850/WF/TR/BZ	30	120-277V	>80	5000K	Wide Flood	3500	114	Trunnion	Prm	–
60193	SLMFLD1A/030UNVD840/WF/BZ/D	30	120-277V	>80	4000K	Wide Flood	3400	110	Knuckle	Prm	Sensor
60194	SLMFLD1A/030UNVD850WF/BZ/D	30	120-277V	>80	5000K	Wide Flood	3500	114	Knuckle	Prm	Sensor
74910	SLMFLD1A/050UNV840/WF/BZ	50	120-277V	>80	4000K	Wide Flood	6100	119	Knuckle	Prm	–
74911	SLMFLD1A/050UNV850/WF/BZ	50	120-277V	>80	5000K	Wide Flood	6300	121	Knuckle	Prm	–
60204	SLMFLD1A/050UNV840/WF/TR/BZ	50	120-277V	>80	4000K	Wide Flood	6100	119	Trunnion	Prm	–
60205	SLMFLD1A/050UNV850/WF/TR/BZ	50	120-277V	>80	5000K	Wide Flood	6300	121	Trunnion	Prm	–
60195	SLMFLD1A/050UNVD840/WF/BZ/D	50	120-277V	>80	4000K	Wide Flood	6100	119	Knuckle	Prm	Sensor
60196	SLMFLD1A/050UNVD850/WF/BZ/D	50	120-277V	>80	5000K	Wide Flood	6300	121	Knuckle	Prm	Sensor
60108	SLMFLD1A/100UNV840/WF/BZ	100	120-277V	>80	4000K	Wide Flood	12,300	123	Trunnion	Prm	–
60109	SLMFLD1A/100UNV850/WF/BZ	100	120-277V	>80	5000K	Wide Flood	12,300	123	Trunnion	Prm	–
60197	SLMFLD1A/100UNVD840/WF/BZ/D	100	120-277V	>80	4000K	Wide Flood	12,300	123	Trunnion	Prm	Sensor
60199	SLMFLD1A/100UNVD850/WF/BZ/D	100	120-277V	>80	5000K	Wide Flood	12,300	123	Trunnion	Prm	Sensor

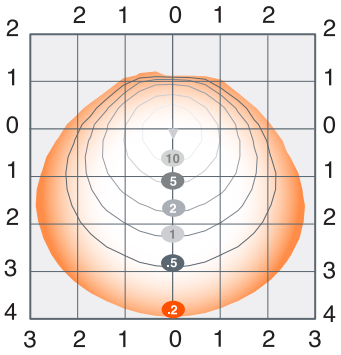
*LPW per LM79 report
**Prm is for DLC Premium, Std is for DLC Standard
For further information and to learn more about utility rebates, contact your local SYLVANIA sales representative.

Photometric Data

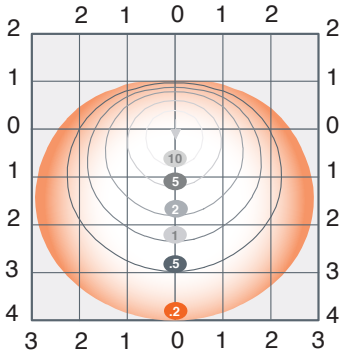
20/30W*
SLMFLD1A/0X0UNV8X0/WF/BX
Isofootcandle Lines at 10' Mounting Height



50W
SLMFLD1A/050UNV840/WF/BZ
Isofootcandle Lines at 10' Mounting Height



100W
SLMFLD1A/100UNV8X0/WF/BZ
Isofootcandle Lines at 10' Mounting Height



For other mounting heights apply the following multipliers:

Mounting Height	6'	8'	10'	12'	15'
Multiplier	2.8	1.6	1.00	0.69	0.44

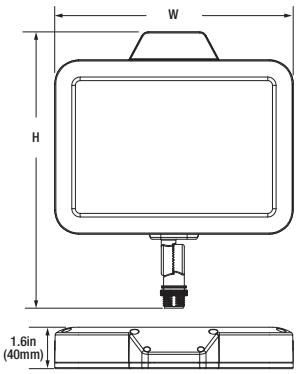
*For 30W please use 1.5 multiplier+

Physical Information

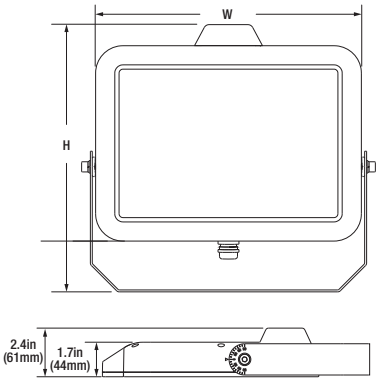
Lamp Description	(W) Width	(H) Height
20-30W	9.1 in (230 mm)	10.5 in (266 mm)
50W	10.6 in (270 mm)	11.3 in (286 mm)
100W	12.4 in (315 mm)	14.8 in (375.9 mm)

Weight: 20W/30W: 3.5lbs (1.6kg) 50W: 5lbs (2.3kg) 100W: 8 lbs (3.6kg)
EPA (Effective Projected Area): 20W/30W: 0.53ft² 50W: 0.71ft² 100W: 0.83ft²

20-50W



100W



Options Information

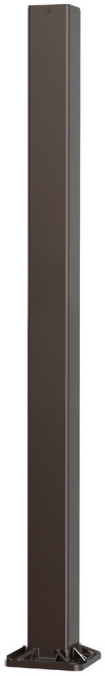
Sensor: Motion/Daylight sensor

Sensor Default Settings*

Sensitivity: 100%
Standby Time: 5 mins
Photosensor Level: 30%
Detection Range: 10m diameter at 12m distance from luminaire

Note: Sensor settings are not field adjustable.
*Applies only to models ending in /D.

Poles

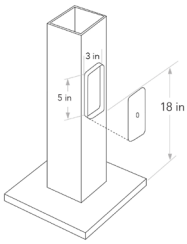


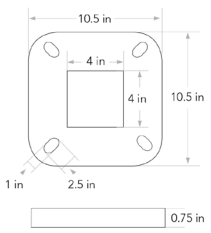
Product Features

- Poles available in three heights: 20', 25', and 30'
- 20' and 25' poles are 4" square; 30' pole is 5" square
- Offered in 11 gauge
- Fabricated from the highest grade structural steel

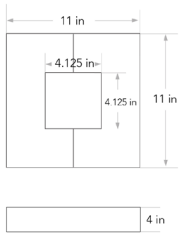
Specifications

- Square steel pole with powder coat paint. The standard color is bronze
- Polycarbonate spring loaded top cover
- Pre-drilled mounting holes on all 4 sides with Polycarbonate grommets
- Reinforced 3" x 6" cast iron hand-hole with ground screw included
- Easily secured base cover included
- Bolt circle template included

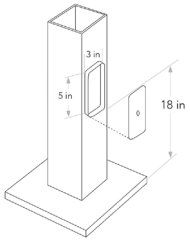


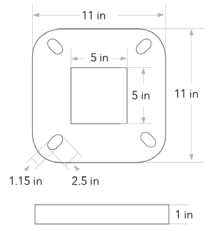


4x4 Anchor Base Included

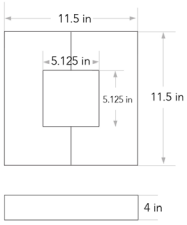


Base Plate Cover Included Packaged Separately





5x5 Anchor Base Included



Base Plate Cover Included Packaged Separately

Ordering Guide

POLESQS	1A	/	XX	/	XXG	/	XXIN	/	BZ
Product Name	Generation		Height		Gauge		Size		Finish
POLESQS = Square Straight Pole	1A		20 = 20 feet 25 = 25 feet 30 = 30 feet		11G = 11		04IN = 4 inches 05IN = 5 inches		Bronze

Ordering Information (Poles)

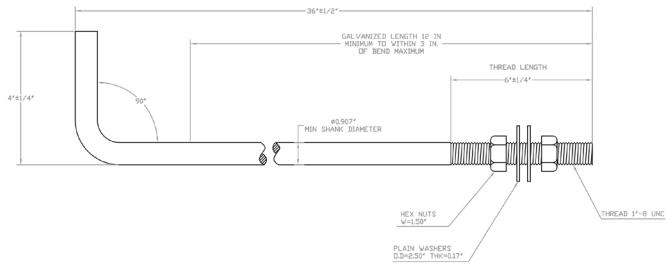
Item Number	Ordering Abbreviation	Shape	Height (ft)	Gauge (in)	Size (in)	Finish
60659	POLESQS1A/20/11G/4IN/BZ	SquareStraight	20	11	4	Bronze
60661	POLESQS1A/25/11G/4IN/BZ	SquareStraight	25	11	4	Bronze
60663	POLESQS1A/30/11G/5IN/BZ	SquareStraight	30	11	5	Bronze

Ordering Information (Accessories)

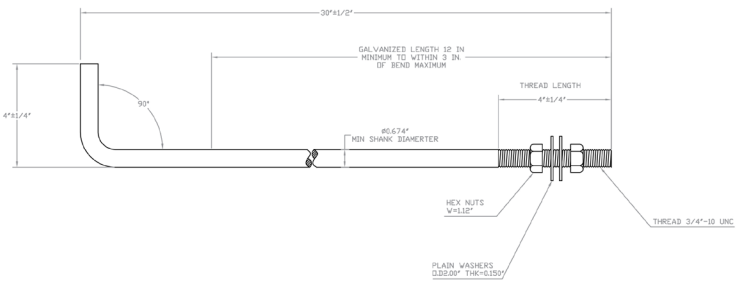
Item Number	Ordering Abbreviation	Description	Compatibility
60665	POLESQS1A/ANJBOLT/304	3/4" x 30" Anchor Bolt	For use with 60659 and 60661
60666	POLESQS1A/ANJBOLT/364	1" x 36" Anchor Bolt	For use with 60663
60667	POLESQS1A/TENON/4IN/BZ	4" Tenon Mount, Bronze Finish	For use with 60659 and 60661
60668	POLESQS1A/TENON/5IN/BZ	5" Tenon Mount, Bronze Finish	For use with 60663
65013	POLESQS1A/DBLTENON/4IN/BZ	4" Double Tenon Bracket, Bronze Finish	For use with 60659 and 60661
65014	POLESQS1A/DBLTENON/5IN/BZ	5" Double Tenon Bracket, Bronze Finish	For use with 60663
65015	POLESQS1A/DBLBULHORN/4IN/BZ	4" Double Bullhorn Bracket, Bronze Finish	For use with 60659 and 60661
65016	POLESQS1A/DBLBULHORN/5IN/BZ	5" Double Bullhorn Bracket, Bronze Finish	For use with 60663
60845	POLESQS1A/TPLBULHORN/4IN/BZ	4" Triple Bullhorn Bracket, Bronze Finish	For use with 60659 and 60661
60846	POLESQS1A/TPLBULHORN/5IN/BZ	5" Triple Bullhorn Bracket, Bronze Finish	For use with 60663

For further information and to learn more about utility rebates, contact your local SYLVANIA sales representative.

3/4" x 30" NAED 60665



1" x 36" NAED 60666



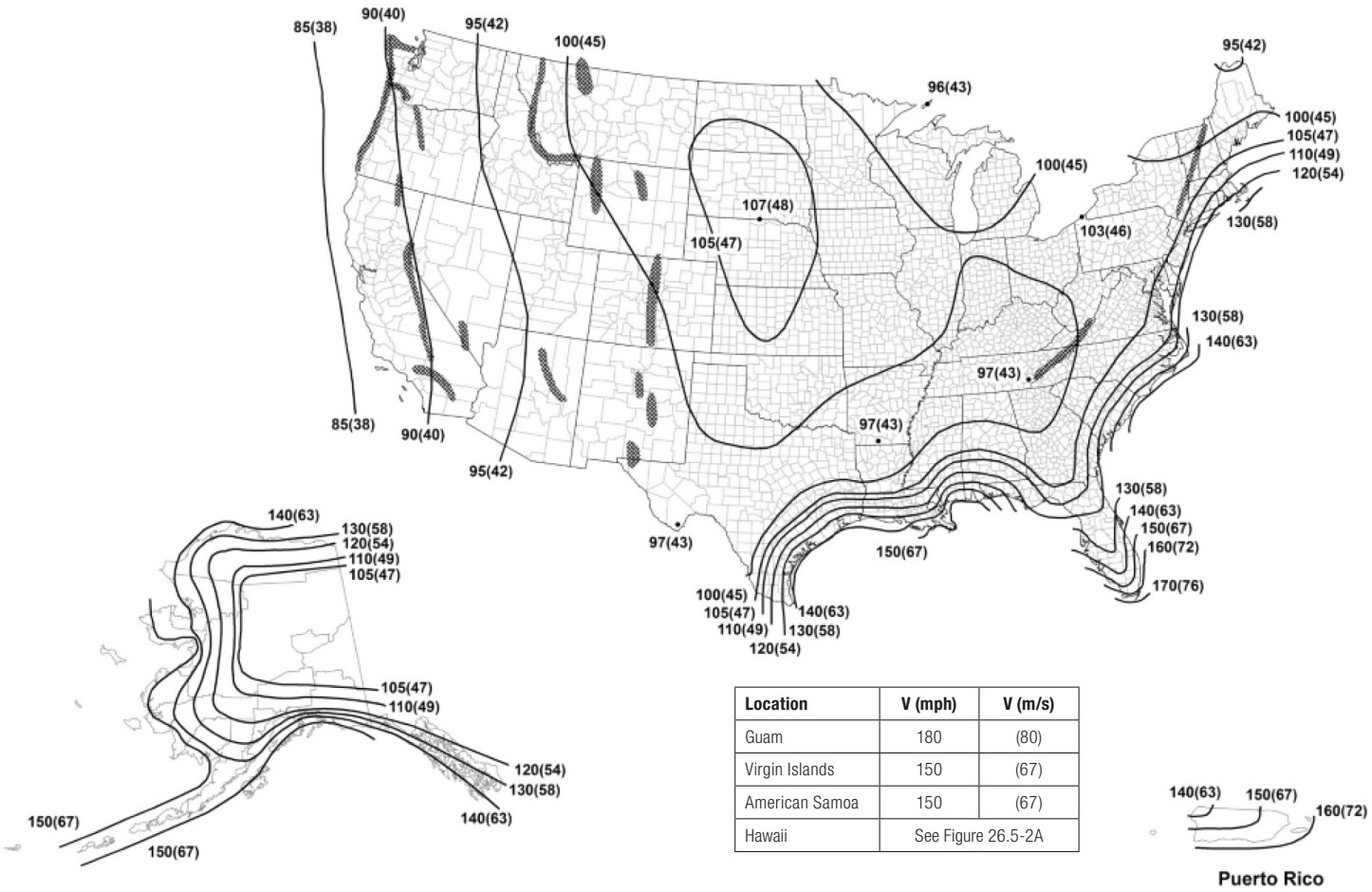
Maximum EPA Loading per Pole

Ordering Abbreviation	85 MPH	90 MPH	100 MPH	110 MPH	120 MPH	130 MPH	140 MPH
POLE1A/SQ/20/11	10.4	8.7	6	4	2.6	1.4	0.5
POLE1A/SQ/25/11	5	3.8	1.8	0.4	–	–	–
POLE1A/SQ/30/11	7	5.4	3	1.3	0.2	–	–

Fixture Pole Loading

Pole Description	85 MPH			90 MPH			100 MPH			110 MPH			120 MPH		
	Flood 20/30	Flood 50	Flood 100	Flood 20/30	Flood 50	Flood 100	Flood 20/30	Flood 50	Flood 100	Flood 20/30	Flood 50	Flood 100	Flood 20/30	Flood 50	Flood 100
With Double Tenon, Knuckle, 2 Slim Floodlights															
POLESQS1A/20/11G/4IN/BZ	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
POLESQS1A/25/11G/4IN/BZ	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N
POLESQS1A/30/11G/5IN/BZ	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N
With Double Bullhorn, Knuckle, 2 Slim Floodlights															
POLESQS1A/20/11G/4IN/BZ	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N
POLESQS1A/25/11G/4IN/BZ	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N
POLESQS1A/30/11G/5IN/BZ	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N
With Triple Bullhorn, Knuckle, 3 Slim Floodlights															
POLESQS1A/20/11G/4IN/BZ	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N
POLESQS1A/25/11G/4IN/BZ	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N
POLESQS1A/30/11G/5IN/BZ	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N

Wind Map



Location	V (mph)	V (m/s)
Guam	180	(80)
Virgin Islands	150	(67)
American Samoa	150	(67)
Hawaii	See Figure 26.5-2A	

Notes: Dark shading indicates a special wind region.

1. Values are nominal design 3-s gust wind speeds in miles per hour (m/s) at 33 ft. (10 m) above ground for Exposure Category C.
2. Linear interpolation is permitted between contours. Point values are provided to aid with interpolation.
3. Islands, coastal areas, and land boundaries outside the last contour shall use the last wind speed contour.
4. Mountainous terrain, gorges, ocean promontories, and special wind regions shall be examined for unusual wind conditions.
5. Wind speeds correspond to approximately a 15% probability of exceedance in 50 years. (Annual Exceedance Probability = 0.00333, MRI = 300 years).
6. Location-specific basic wind speeds shall be permitted to be determined using www.atcouncil.org/windspeed.

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