

SYLVANIA Luminaires

Area Light

Application

The Area Light luminaires are the perfect alternative to traditional lighting technologies offering a variety of solutions to illuminate parking lots, parking garage roofs and general area lighting.

Benefits and Features

- Integrated photocontrol receptacle compatible with up to 7 pin photosensors. Shorting Cap is included.
- Slim design with multiple mounting and distribution options
- Robust fixture with IP66 and 3G Vibration rating
- Up to 130 LPW
- 4000K and 5000K color temperature
- CRI 80+
- Offered in 70, 110, 145 and 220 watts
- Type III, IV, V distribution
- Energy savings up to 74%
- UV stabilized polycarbonate lens

Electrical

- 120-277 V_{AC} or 347-480 V_{AC} options
- Power factor ≥90%
- THD ≤20%
- 0-10V dimmable
- Constant current LED driver with 4kV surge suppression

Rated Life

- ≥140,000 hours (L₇₀)

Warranty

- Standard 5-year luminaire warranty (LEDLUM001)
- Limited 10-year luminaire warranty (LEDLUM003)

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

Item #
Type
Project
Notes
Date



Wattage Comparison

Traditional Source	Traditional System Wattage	LED System Wattage	Energy Savings
100W HPS	120	70	42%
100W MH	130	70	46%
150W HPS	170	70	59%
150W MH	188	70	63%
175W MH	210	70	67%
175W MH	210	110	48%
250W HPS	295	110	63%
250W MH	290	110	62%
250W HPS	295	145	51%
250W MH	290	145	50%
320W MH	370	145	61%
400W HPS	460	145	68%
400W MH	450	145	68%
750W MH	820	220	73%
750W HPS	840	220	74%

Installation

- Fixture mounting options include: square pole, round pole, wall mount, trunnion mounting, or slip fitter mount for 2-1/8" to 2-3/8" tenon. Flood light mounting up to 45° angle. Do not mount lens facing upwards. Mounting accessories sold separately.



Ordering Guide

AREAFLD	1A	/	XXX	UNV	D	8	XX	/	XX	/	XX	/	X
Product Name	Generation		Wattage	Voltage	Dimming	CRI	Color Temp (CCT)		Distribution		Color/Finish		Options
AREAFLD	1A		070 = 70W 110 = 110W 145 = 145W 220 = 220W	UNV = 120-277V HUV = 347-480V	D = 0-10V	8 = >80	40 = 4000K 50 = 5000K		T3 = Type III T4 = Type IV T5 = Type V		BZ = Bronze WH = White		Blank = No Options D = Motion/ Daylight Sensor

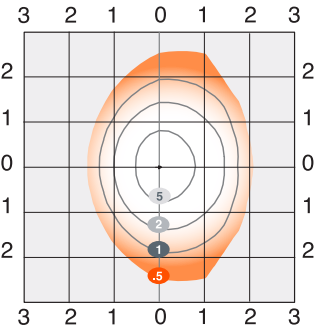
Ordering Information

Item Number	Ordering Abbreviation	Wattage (W)	Input Voltage	Dimming	CRI	Color Temp (CCT)	Distribution	Total Fixture Lumens	LPW*	DLC**	Options	BUG Rating	 MTO***
70956	AREAFLD1A/070UNVD840/T3/BZ	70	120-277	0-10V	>80	4000K	Type III	8,100	116	Prm	–	B2-U2-G2	–
71078	AREAFLD1A/070UNVD840/T4/BZ	70	120-277	0-10V	>80	4000K	Type IV	8,200	117	Prm	–	B2-U2-G2	MTO
71079	AREAFLD1A/070UNVD840/T5/BZ	70	120-277	0-10V	>80	4000K	Type V	8,500	121	Prm	–	B2-U2-G1	MTO
71153	AREAFLD1A/070UNVD850/T3/BZ	70	120-277	0-10V	>80	5000K	Type III	8,600	123	Prm	–	B2-U2-G2	–
71170	AREAFLD1A/070UNVD850/T4/BZ	70	120-277	0-10V	>80	5000K	Type IV	8,700	125	Prm	–	B2-U2-G2	MTO
71171	AREAFLD1A/070UNVD850/T5/BZ	70	120-277	0-10V	>80	5000K	Type V	9,000	130	Prm	–	B2-U2-G1	MTO
60632	AREAFLD1A/070HUV840/T3/WH	70	120-277	0-10V	>80	4000K	Type III	8,100	116	Prm	–	B2-U2-G2	MTO
60633	AREAFLD1A/070UNVD840/T4/WH	70	120-277	0-10V	>80	4000K	Type IV	8,200	117	Prm	–	B2-U2-G2	–
60634	AREAFLD1A/070UNVD840/T5/WH	70	120-277	0-10V	>80	4000K	Type V	8,500	121	Prm	–	B2-U2-G1	MTO
60635	AREAFLD1A/070UNVD850/T3/WH	70	120-277	0-10V	>80	5000K	Type III	8,600	123	Prm	–	B2-U2-G2	MTO
60636	AREAFLD1A/070UNVD850/T4/WH	70	120-277	0-10V	>80	5000K	Type IV	8,700	125	Prm	–	B2-U2-G2	–
60637	AREAFLD1A/070UNVD850/T5/WH	70	120-277	0-10V	>80	5000K	Type V	9,000	130	Prm	–	B2-U2-G1	MTO
60386	AREAFLD1A/070HUV840/T3/BZ	70	347-480	0-10V	>80	4000K	Type III	8,100	116	Prm	–	B2-U2-G2	MTO
60387	AREAFLD1A/070HUV840/T4/BZ	70	347-480	0-10V	>80	4000K	Type IV	8,200	117	Prm	–	B2-U2-G2	MTO
60388	AREAFLD1A/070HUV840/T5/BZ	70	347-480	0-10V	>80	4000K	Type V	8,500	121	Prm	–	B2-U2-G1	–
60389	AREAFLD1A/070HUV850/T3/BZ	70	347-480	0-10V	>80	5000K	Type III	8,600	123	Prm	–	B2-U2-G2	MTO
60390	AREAFLD1A/070HUV850/T4/BZ	70	347-480	0-10V	>80	5000K	Type IV	8,700	125	Prm	–	B2-U2-G2	MTO
60391	AREAFLD1A/070HUV850/T5/BZ	70	347-480	0-10V	>80	5000K	Type V	9,000	130	Prm	–	B2-U2-G1	–
60037	AREAFLD1A/110UNVD840/T3/BZ	110	120-277	0-10V	>80	4000K	Type III	12,600	117	Prm	–	B3-U2-G2	–
60038	AREAFLD1A/110UNVD840/T4/BZ	110	120-277	0-10V	>80	4000K	Type IV	12,700	117	Prm	–	B3-U2-G2	MTO
60039	AREAFLD1A/110UNVD840/T5/BZ	110	120-277	0-10V	>80	4000K	Type V	13,300	123	Prm	–	B3-U2-G1	MTO
60040	AREAFLD1A/110UNVD850/T3/BZ	110	120-277	0-10V	>80	5000K	Type III	13,300	124	Prm	–	B3-U2-G3	–
60041	AREAFLD1A/110UNVD850/T4/BZ	110	120-277	0-10V	>80	5000K	Type IV	13,300	125	Prm	–	B3-U2-G2	MTO
60042	AREAFLD1A/110UNVD850/T5/BZ	110	120-277	0-10V	>80	5000K	Type V	13,300	124	Prm	–	B3-U2-G2	MTO
60638	AREAFLD1A/110HUV840/T3/WH	110	120-277	0-10V	>80	4000K	Type III	12,600	117	Prm	–	B3-U2-G2	MTO
60639	AREAFLD1A/110UNVD840/T4/WH	110	120-277	0-10V	>80	4000K	Type IV	12,700	117	Prm	–	B3-U2-G2	–
60640	AREAFLD1A/110UNVD840/T5/WH	110	120-277	0-10V	>80	4000K	Type V	13,300	123	Prm	–	B3-U2-G1	MTO
60641	AREAFLD1A/110UNVD850/T3/WH	110	120-277	0-10V	>80	5000K	Type III	13,300	124	Prm	–	B3-U2-G2	MTO
60642	AREAFLD1A/110UNVD850/T4/WH	110	120-277	0-10V	>80	5000K	Type IV	13,300	125	Prm	–	B3-U2-G2	–
60643	AREAFLD1A/110UNVD850/T5/WH	110	120-277	0-10V	>80	5000K	Type V	13,300	124	Prm	–	B3-U2-G1	MTO
60392	AREAFLD1A/110HUV840/T3/BZ	110	347-480	0-10V	>80	4000K	Type III	12,600	117	Prm	–	B3-U2-G2	MTO
60393	AREAFLD1A/110HUV840/T4/BZ	110	347-480	0-10V	>80	4000K	Type IV	12,700	117	Prm	–	B3-U2-G1	MTO
60394	AREAFLD1A/110HUV840/T5/BZ	110	347-480	0-10V	>80	4000K	Type V	13,300	123	Prm	–	B3-U2-G3	–
60395	AREAFLD1A/110HUV850/T3/BZ	110	347-480	0-10V	>80	5000K	Type III	13,300	124	Prm	–	B3-U2-G3	MTO
60396	AREAFLD1A/110HUV850/T4/BZ	110	347-480	0-10V	>80	5000K	Type IV	13,300	125	Prm	–	B3-U2-G2	MTO
60397	AREAFLD1A/110HUV850/T5/BZ	110	347-480	0-10V	>80	5000K	Type V	13,300	124	Prm	–	B3-U2-G2	–
60031	AREAFLD1A/145UNVD840/T3/BZ	145	120-277	0-10V	>80	4000K	Type III	17,000	116	Prm	–	B3-U2-G3	–
60032	AREAFLD1A/145UNVD840/T4/BZ	145	120-277	0-10V	>80	4000K	Type IV	17,100	117	Prm	–	B3-U2-G3	MTO
60033	AREAFLD1A/145UNVD840/T5/BZ	145	120-277	0-10V	>80	4000K	Type V	17,900	122	Prm	–	B4-U2-G2	MTO
60034	AREAFLD1A/145UNVD850/T3/BZ	145	120-277	0-10V	>80	5000K	Type III	17,000	117	Prm	–	B3-U2-G3	–
60035	AREAFLD1A/145UNVD850/T4/BZ	145	120-277	0-10V	>80	5000K	Type IV	17,000	117	Prm	–	B3-U2-G3	MTO
60036	AREAFLD1A/145UNVD850/T5/BZ	145	120-277	0-10V	>80	5000K	Type V	17,900	123	Prm	–	B4-U2-G2	MTO
60644	AREAFLD1A/145UNVD840/T3/WH	145	120-277	0-10V	>80	4000K	Type III	17,000	116	Prm	–	B3-U2-G3	MTO
60645	AREAFLD1A/145UNVD840/T4/WH	145	120-277	0-10V	>80	4000K	Type IV	17,100	117	Prm	–	B3-U2-G3	–
60646	AREAFLD1A/145UNVD840/T5/WH	145	120-277	0-10V	>80	4000K	Type V	17,900	122	Prm	–	B4-U2-G2	MTO
60647	AREAFLD1A/145UNVD850/T3/WH	145	120-277	0-10V	>80	5000K	Type III	17,000	117	Prm	–	B3-U2-G3	MTO
60648	AREAFLD1A/145UNVD850/T4/WH	145	120-277	0-10V	>80	5000K	Type IV	17,000	117	Prm	–	B3-U2-G3	–
60649	AREAFLD1A/145UNVD850/T5/WH	145	120-277	0-10V	>80	5000K	Type V	17,900	123	Prm	–	B4-U2-G2	MTO
60380	AREAFLD1A/145HUV840/T3/BZ	145	347-480	0-10V	>80	4000K	Type III	17,000	116	Prm	–	B3-U2-G3	MTO
60381	AREAFLD1A/145HUV840/T4/BZ	145	347-480	0-10V	>80	4000K	Type IV	17,100	117	Prm	–	B3-U2-G3	MTO
60382	AREAFLD1A/145HUV840/T5/BZ	145	347-480	0-10V	>80	4000K	Type V	17,900	122	Prm	–	B4-U2-G2	–
60383	AREAFLD1A/145HUV850/T3/BZ	145	347-480	0-10V	>80	5000K	Type III	17,000	117	Prm	–	B3-U2-G3	MTO
60384	AREAFLD1A/145HUV850/T4/BZ	145	347-480	0-10V	>80	5000K	Type IV	17,000	117	Prm	–	B3-U2-G3	MTO
60385	AREAFLD1A/145HUV850/T5/BZ	145	347-480	0-10V	>80	5000K	Type V	17,900	123	Prm	–	B4-U2-G	–

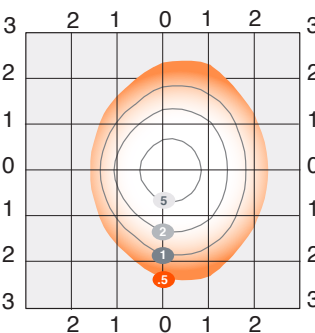
*LPW per LM79 report
**Prm for DLC Premium
***Made to Order

Photometrics

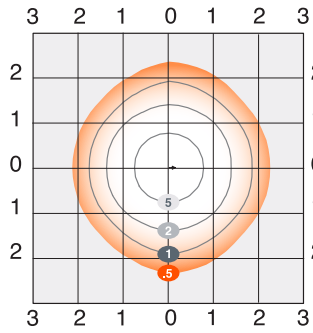
70W Type III Distribution
Isofootcandle Lines at 15' Mounting Height



70W Type IV Distribution
Isofootcandle Lines at 15' Mounting Height



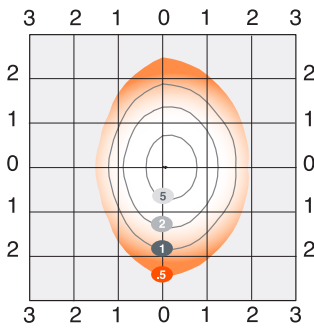
70W Type V Distribution
Isofootcandle Lines at 15' Mounting Height



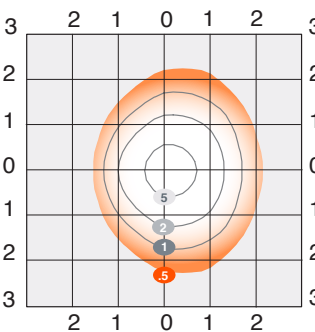
For other mounting heights apply the following multipliers:

Mounting Height	10'	12'	15'	18'	20'	25'
Multiplier	2.25	1.56	1.00	0.69	0.56	0.36

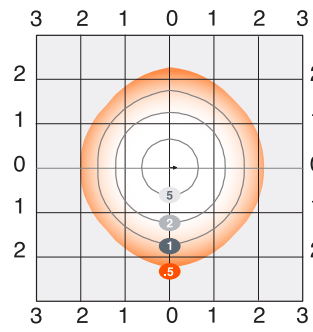
110W and 145W Type III Distribution
Isofootcandle Lines at 20' Mounting Height



110W and 145W Type IV Distribution
Isofootcandle Lines at 20' Mounting Height



110W and 145W Type V Distribution
Isofootcandle Lines at 20' Mounting Height

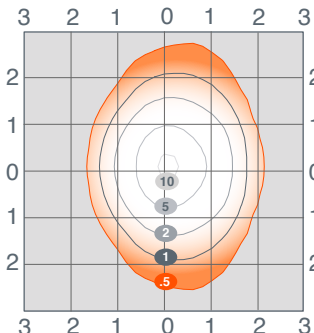


For other mounting heights apply the following multipliers:

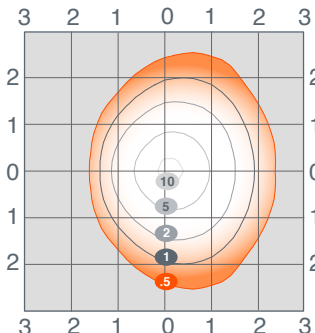
Mounting Height	15'	18'	20'	22'	25'	30'
Multiplier	1.78	1.23	1.00	0.83	0.64	0.44

For 145W use
1.4 multiplier.

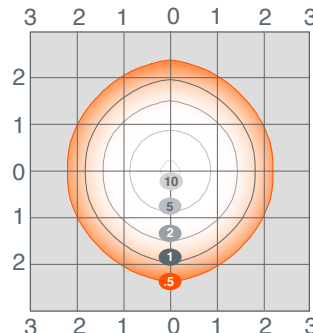
220W Type III Distribution
Isofootcandle Lines at 25' Mounting Height



220W Type IV Distribution
Isofootcandle Lines at 25' Mounting Height



220W Type V Distribution
Isofootcandle Lines at 25' Mounting Height

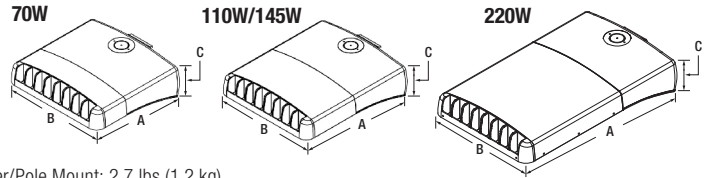


For other mounting heights apply the following multipliers:

Mounting Height	15'	20'	22'	25'	30'	35'
Multiplier	2.78	1.56	1.29	1.00	0.69	0.51

Physical Information

Lamp Description	(A) Length	(B) Width	(C) Height
70W	12.2 in (309.8 mm)	12.5 in (318 mm)	4.3 in (108.5 mm)
100/145W	15.2 in (386 mm)	12.5 in (318 mm)	4.3 in (108.5 mm)
220W	20.9 in (530.9 mm)	12.5 in (318 mm)	4.3 in (108.5 mm)



Weight: 70W: 9.7 lbs (4.4 kg) 110/145W: 11.5 lbs (5.2 kg) 220W: 18.5 lbs (8.4 kg) Slip Fitter/Pole Mount: 2.7 lbs (1.2 kg)

EPA (Effective Projected Area): 70W: Pole Mount 0.32ft², Slip Fitter 0.90ft² 110/145W: Pole Mount 0.46ft², Slip Fitter 1.12ft² 220W: Pole Mount 0.79ft², Slip Fitter 1.54ft²

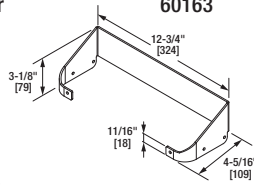
Mounting Accessories

Item Number	Ordering Abbreviation	Item Description
71734	AREAFLD1A/SLIPFITTER/BZ	Slip Fitter Mount, Bronze
60130	AREAFLD1A/WALLTENON/BZ	Wall Tenon Mount, Bronze (Requires Slip Fitter)
71733	AREAFLD1A/POLEMOUNT/BZ	Pole Mount, Bronze
60128	AREAFLD1A/RNDADAPT/BZ	Round Adapter, Bronze (Requires Pole Mount)
60129	AREAFLD1A/WALLMNT/BZ	Wall Mount, Bronze (Requires Pole Mount)
60165	AREAFLD1ATRUNNION/BZ	Trunnion, Bronze
60163	AREAFLD1AVISOR01/BZ	Visor, Bronze, 70W
60164	AREAFLD1AVISOR02/BZ	Visor, Bronze, 110/145W
60650	AREAFLD1A/POLEMOUNT/WH	Pole Mount, White
60651	AREAFLD1A/SLIPFITTER/WH	Slip Fitter Mount, White
60652	AREAFLD1A/WALLMNT/WH	Wall Mount, White (Requires Pole Mount)

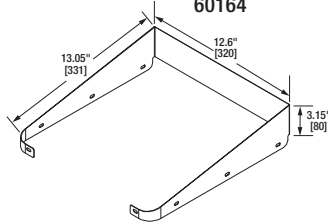
Visor



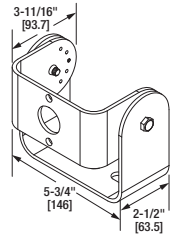
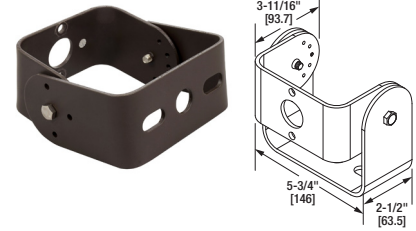
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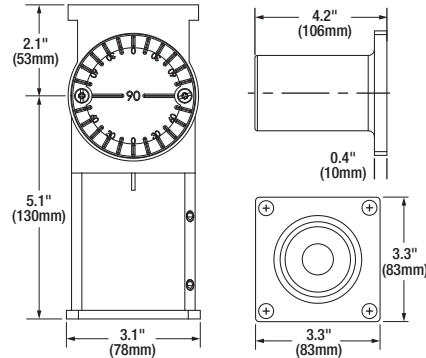
60164



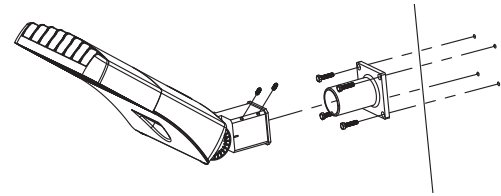
Trunnion (60165)



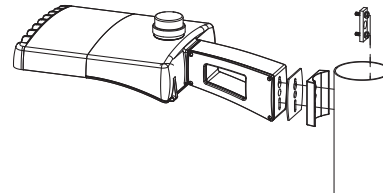
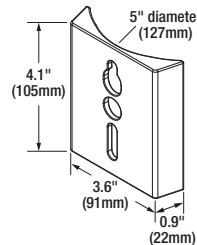
Slip Fitter Mount (71734 or 60651)



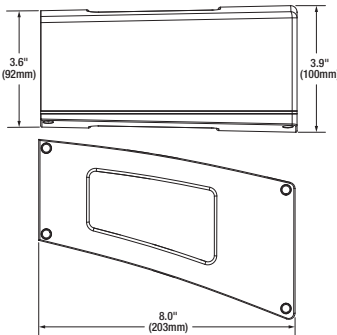
Wall Tenon Mount (60130)



Round Pole Adapter (60128)



Pole Mount (71733 or 60650)



Wall Mount (60129 or 60652)

