

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.

Features

- Integrated photocontrol receptacle compatible with up to 7 pin photosensors
- Slim design with multiple mounting and distribution options
- Robust fixture with IP66 and 3G Vibration rating
- Energy savings up to 68%
- Offered in 70, 110, 145 and 220 watts
- CRI 80+
- 4000K and 5000K color temperature
- up to 130 LPW
- Type III, IV, V distribution
- UV stabilized polycarbonate lens

Electrical

- 120-277 VAC or 347-480 VAC options
- Power factor $\geq 90\%$
- THD $\leq 20\%$
- 0-10V dimmable
- Constant current LED driver with 4kV surge suppression

Rated Life

- $\geq 140,000$ hours (L_{70})

Warranty

- Standard 5-year luminaire warranty (LEDLUM001)

Ambient Operating Range

- -40°F to $+104^{\circ}\text{F}$ (-40°C to $+40^{\circ}\text{C}$)

Fixture Certifications and Listings

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

Catalog #

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%
1000W MH	1080	220	80%
1000W HPS	1100	220	80%

Installation

- Fixture mounting options include: square pole, round pole, wall mount, trunnion mounting, or knuckle tenon mount for 2-1/8"-2-3/8". 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	/	BZ	/	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		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	DLC	LPW**	Options	BUG Rating
70956	AREAFLD1A/070UNVD840/T3/BZ	70	120-277	0-10V	>80	4000K	Type III	8,100	Prm	116	—	B2-U2-G2
71078	AREAFLD1A/070UNVD840/T4/BZ	70	120-277	0-10V	>80	4000K	Type IV*	8,200	Prm	117	—	B2-U2-G2
71079	AREAFLD1A/070UNVD840/T5/BZ	70	120-277	0-10V	>80	4000K	Type V*	8,500	Prm	121	—	B2-U2-G1
71153	AREAFLD1A/070UNVD850/T3/BZ	70	120-277	0-10V	>80	5000K	Type III	8,600	Prm	123	—	B2-U2-G2
71170	AREAFLD1A/070UNVD850/T4/BZ	70	120-277	0-10V	>80	5000K	Type IV*	8,700	Prm	125	—	B2-U2-G2
71171	AREAFLD1A/070UNVD850/T5/BZ	70	120-277	0-10V	>80	5000K	Type V*	9,000	Prm	130	—	B2-U2-G1
60386	AREAFLD1A/070HUV840/T3/BZ	70	347-480	0-10V	>80	4000K	Type III	8,100	Prm	116	—	B2-U2-G2
60387	AREAFLD1A/070HUV840/T4/BZ	70	347-480	0-10V	>80	4000K	Type IV*	8,200	Prm	117	—	B2-U2-G2
60388	AREAFLD1A/070HUV840/T5/BZ	70	347-480	0-10V	>80	4000K	Type V*	8,500	Prm	121	—	B2-U2-G1
60389	AREAFLD1A/070HUV850/T3/BZ	70	347-480	0-10V	>80	5000K	Type III	8,600	Prm	123	—	B2-U2-G2
60390	AREAFLD1A/070HUV850/T4/BZ	70	347-480	0-10V	>80	5000K	Type IV*	8,700	Prm	125	—	B2-U2-G2
60391	AREAFLD1A/070HUV850/T5/BZ	70	347-480	0-10V	>80	5000K	Type V*	9,000	Prm	130	—	B2-U2-G1
60037	AREAFLD1A/110UNVD840/T3/BZ	110	120-277	0-10V	>80	4000K	Type III	12,600	Prm	117	—	B3-U2-G2
60038	AREAFLD1A/110UNVD840/T4/BZ	110	120-277	0-10V	>80	4000K	Type IV*	12,700	Prm	117	—	B3-U2-G2
60039	AREAFLD1A/110UNVD840/T5/BZ	110	120-277	0-10V	>80	4000K	Type V*	13,300	Prm	123	—	B3-U2-G1
60040	AREAFLD1A/110UNVD850/T3/BZ	110	120-277	0-10V	>80	5000K	Type III	13,300	Prm	124	—	B3-U2-G3
60041	AREAFLD1A/110UNVD850/T4/BZ	110	120-277	0-10V	>80	5000K	Type IV*	13,300	Prm	125	—	B3-U2-G2
60042	AREAFLD1A/110UNVD850/T5/BZ	110	120-277	0-10V	>80	5000K	Type V*	13,300	Prm	124	—	B3-U2-G2
60392	AREAFLD1A/110HUV840/T3/BZ	110	347-480	0-10V	>80	4000K	Type III	12,600	Prm	117	—	B3-U2-G2
60393	AREAFLD1A/110HUV840/T4/BZ	110	347-480	0-10V	>80	4000K	Type IV*	12,700	Prm	117	—	B3-U2-G1
60394	AREAFLD1A/110HUV840/T5/BZ	110	347-480	0-10V	>80	4000K	Type V*	13,300	Prm	123	—	B3-U2-G3
60395	AREAFLD1A/110HUV850/T3/BZ	110	347-480	0-10V	>80	5000K	Type III	13,300	Prm	124	—	B3-U2-G3
60396	AREAFLD1A/110HUV850/T4/BZ	110	347-480	0-10V	>80	5000K	Type IV*	13,300	Prm	125	—	B3-U2-G2
60397	AREAFLD1A/110HUV850/T5/BZ	110	347-480	0-10V	>80	5000K	Type V*	13,300	Prm	124	—	B3-U2-G2
60031	AREAFLD1A/145UNVD840/T3/BZ	145	120-277	0-10V	>80	4000K	Type III	17,000	Prm	116	—	B3-U2-G3
60032	AREAFLD1A/145UNVD840/T4/BZ	145	120-277	0-10V	>80	4000K	Type IV*	17,100	Prm	117	—	B3-U2-G3
60033	AREAFLD1A/145UNVD840/T5/BZ	145	120-277	0-10V	>80	4000K	Type V*	17,900	Prm	122	—	B4-U2-G2
60034	AREAFLD1A/145UNVD850/T3/BZ	145	120-277	0-10V	>80	5000K	Type III	17,000	Prm	117	—	B3-U2-G3
60035	AREAFLD1A/145UNVD850/T4/BZ	145	120-277	0-10V	>80	5000K	Type IV*	17,000	Prm	117	—	B3-U2-G3
60036	AREAFLD1A/145UNVD850/T5/BZ	145	120-277	0-10V	>80	5000K	Type V*	17,900	Prm	123	—	B4-U2-G2
60380	AREAFLD1A145HUV840T3BZ	145	347-480	0-10V	>80	4000K	Type III	17,000	Prm	116	—	B3-U2-G3
60381	AREAFLD1A145HUV840T4BZ	145	347-480	0-10V	>80	4000K	Type IV*	17,100	Prm	117	—	B3-U2-G3
60382	AREAFLD1A145HUV840T5BZ	145	347-480	0-10V	>80	4000K	Type V*	17,900	Prm	122	—	B4-U2-G2
60383	AREAFLD1A145HUV850T3BZ	145	347-480	0-10V	>80	5000K	Type III	17,000	Prm	117	—	B3-U2-G3
60384	AREAFLD1A145HUV850T4BZ	145	347-480	0-10V	>80	5000K	Type IV*	17,000	Prm	117	—	B3-U2-G3
60385	AREAFLD1A145HUV850T5BZ	145	347-480	0-10V	>80	5000K	Type V*	17,900	Prm	123	—	B4-U2-G
60226	AREAFLD1A/220UNVD840/T3/BZ	220	120-277	0-10V	>80	4000K	Type III*	27,900	Prm	128	—	B4-U3-G3
60227	AREAFLD1A/220UNVD840/T4/BZ	220	120-277	0-10V	>80	4000K	Type V*	28,500	Prm	130	—	B4-U3-G3
60228	AREAFLD1A/220UNVD840/T5/BZ	220	120-277	0-10V	>80	4000K	Type V	29,000	Prm	130	—	B4-U3-G2
60229	AREAFLD1A/220UNVD850/T3/BZ	220	120-277	0-10V	>80	5000K	Type III*	27,900	Prm	128	—	B4-U3-G3
60230	AREAFLD1A/220UNVD850/T4/BZ	220	120-277	0-10V	>80	5000K	Type IV*	28,500	Prm	130	—	B4-U3-G3
60231	AREAFLD1A/220UNVD850/T5/BZ	220	120-277	0-10V	>80	5000K	Type V	29,000	Prm	130	—	B4-U3-G2
60232	AREAFLD1A/220HUV840/T3/BZ	220	347-480	0-10V	>80	4000K	Type III*	27,900	Prm	128	—	B4-U3-G3
60233	AREAFLD1A/220HUV840/T4/BZ	220	347-480	0-10V	>80	4000K	Type IV*	28,500	Prm	130	—	B4-U3-G3
60234	AREAFLD1A/220HUV840/T5/BZ	220	347-480	0-10V	>80	4000K	Type VI	29,000	Prm	130	—	B4-U3-G2
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60236	AREAFLD1A/220HUV850/T4/BZ	220	347-480	0-10V	>80	5000K	Type IV*	28,500	Prm	130	—	B4-U3-G3
60237	AREAFLD1A/220HUV850/T5/BZ	220	347-480	0-10V	>80	5000K	Type V	29,000	Prm	130	—	B4-U3-G2
60083	AREAFLD1A/070UNVD840/T3/BZ/D*	70	120-277	0-10V	>80	4000K	Type III	8,100	Prm	116	Sensor	B2-U2-G2
60084	AREAFLD1A/070UNVD840/T4/BZ/D*	70	120-277	0-10V	>80	4000K	Type IV*	8,200	Prm	117	Sensor	B2-U2-G2
60085	AREAFLD1A/070UNVD840/T5/BZ/D*	70	120-277	0-10V	>80	4000K	Type V*	8,500	Prm	121	Sensor	B2-U2-G2
60086	AREAFLD1A/070UNVD850/T3/BZ/D*	70	120-277	0-10V	>80	5000K	Type III	8,600	Prm	123	Sensor	B2-U2-G2
60087	AREAFLD1A/070UNVD850/T4/BZ/D*	70	120-277	0-10V	>80	5000K	Type IV*	8,700	Prm	125	Sensor	B2-U2-G1
60088	AREAFLD1A/070UNVD850/T5/BZ/D*	70	120-277	0-10V	>80	5000K	Type V*	9,000	Prm	130	Sensor	B3-U2-G1
60089	AREAFLD1A/110UNVD840/T3/BZ/D*	110	120-277	0-10V	>80	4000K	Type III	12,600	Prm	117	Sensor	B3-U2-G2
60090	AREAFLD1A/110UNVD840/T4/BZ/D*	110	120-277	0-10V	>80	4000K	Type IV*	12,700	Prm	117	Sensor	B3-U2-G2
60091	AREAFLD1A/110UNVD840/T5/BZ/D*	110	120-277	0-10V	>80	4000K	Type V*	13,300	Prm	123	Sensor	B3-U2-G1
60092	AREAFLD1A/110UNVD850/T3/BZ/D*	110	120-277	0-10V	>80	5000K	Type III	13,300	Prm	124	Sensor	B3-U2-G3
60093	AREAFLD1A/110UNVD850/T4/BZ/D*	110	120-277	0-10V	>80	5000K	Type IV*	13,300	Prm	125	Sensor	B3-U2-G2
60094	AREAFLD1A/110UNVD850/T5/BZ/D*	110	120-277	0-10V	>80	5000K	Type V*	13,300	Prm	124	Sensor	B3-U2-G3
60095	AREAFLD1A/145UNVD840/T3/BZ/D*	145	120-277	0-10V	>80	4000K	Type III	17,000	Prm	116	Sensor	B3-U2-G3
60096	AREAFLD1A/145UNVD840/T4/BZ/D*	145	120-277	0-10V	>80	4000K	Type IV*	17,100	Prm	117	Sensor	B4-U2-G2
60097	AREAFLD1A/145UNVD840/T5/BZ/D*	145	120-277	0-10V	>80	4000K	Type V*	17,900	Prm	122	Sensor	B3-U2-G3
60098	AREAFLD1A/145UNVD850/T3/BZ/D*	145	120-277	0-10V	>80	5000K	Type III	17,000	Prm	117	Sensor	B3-U2-G3
60099	AREAFLD1A/145UNVD850/T4/BZ/D*	145	120-277	0-10V	>80	5000K	Type IV*	17,000	Prm	117	Sensor	B3-U2-G3
60100	AREAFLD1A/145UNVD850/T5/BZ/D*	145	120-277	0-10V	>80	5000K	Type V*	17,900	Prm	123	Sensor	B3-U2-G3

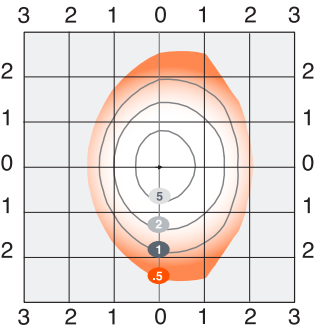
*Made to order with lead time

**LPW per LM79 report

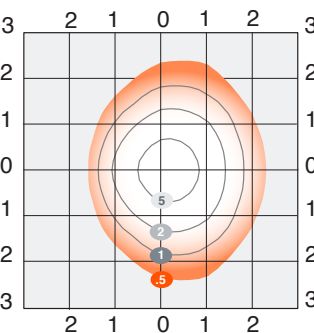
For further information and to learn more about utility rebates, contact your local SYLVANIA sales representative.

Photometrics

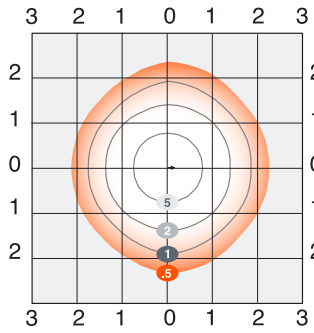
70W Type III Distribution
Isofootcandle Lines at 15' Mounting Height



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



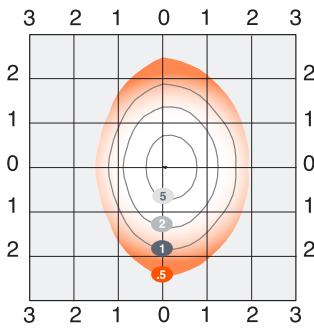
70W Type V Distribution
Isofootcandle Lines at 15' Mounting Height



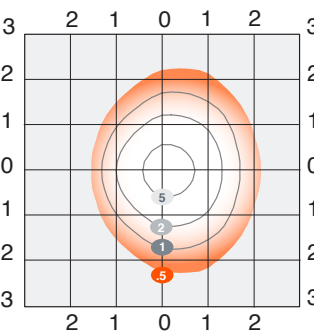
For other mounting heights apply the following multipliers:

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

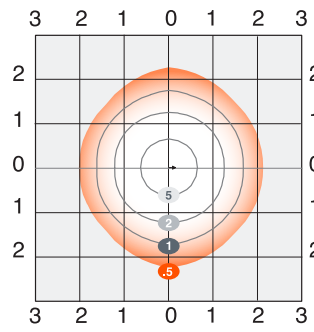
110W and 145W Type III Distribution
Isofootcandle Lines at 20' Mounting Height



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



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

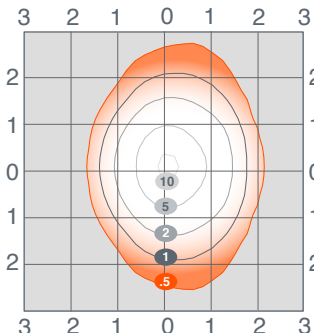


For other mounting heights apply the following multipliers:

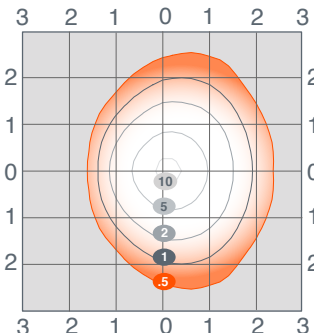
Mounting Height	15'	18'	20'	22'	25'	30'
Multiplier	1.78	1.23	1.00	0.83	0.64	0.44

For 145W use
1.4 multiplier.

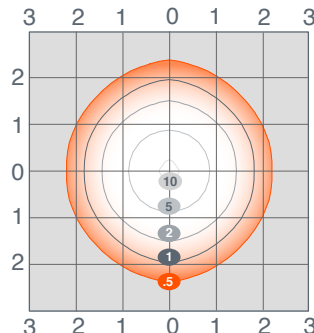
220W Type III Distribution
Isofootcandle Lines at 25' Mounting Height



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:

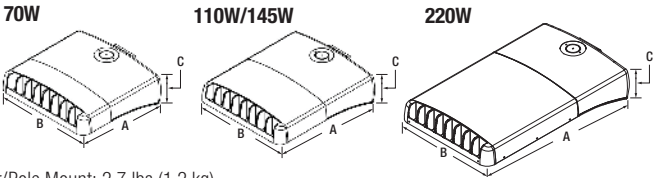
Mounting Height	15'	18'	20'	22'	25'	30'
Multiplier	1.78	1.23	1.00	0.83	0.64	0.44

Physical Information

Lamp Description	(A) Length	(B) Width	(C) Height
70W	12.2 in (309.8 mm)	12.5 in (317.5 mm)	4.2 in (106.6 mm)
100/145W	15.2 in (386 mm)	12.5 in (317.5 mm)	4.2 in (106.6 mm)
220W	20.9 in (530.8 mm)	12.5 in (317.5 mm)	4.2 in (106.6 mm)

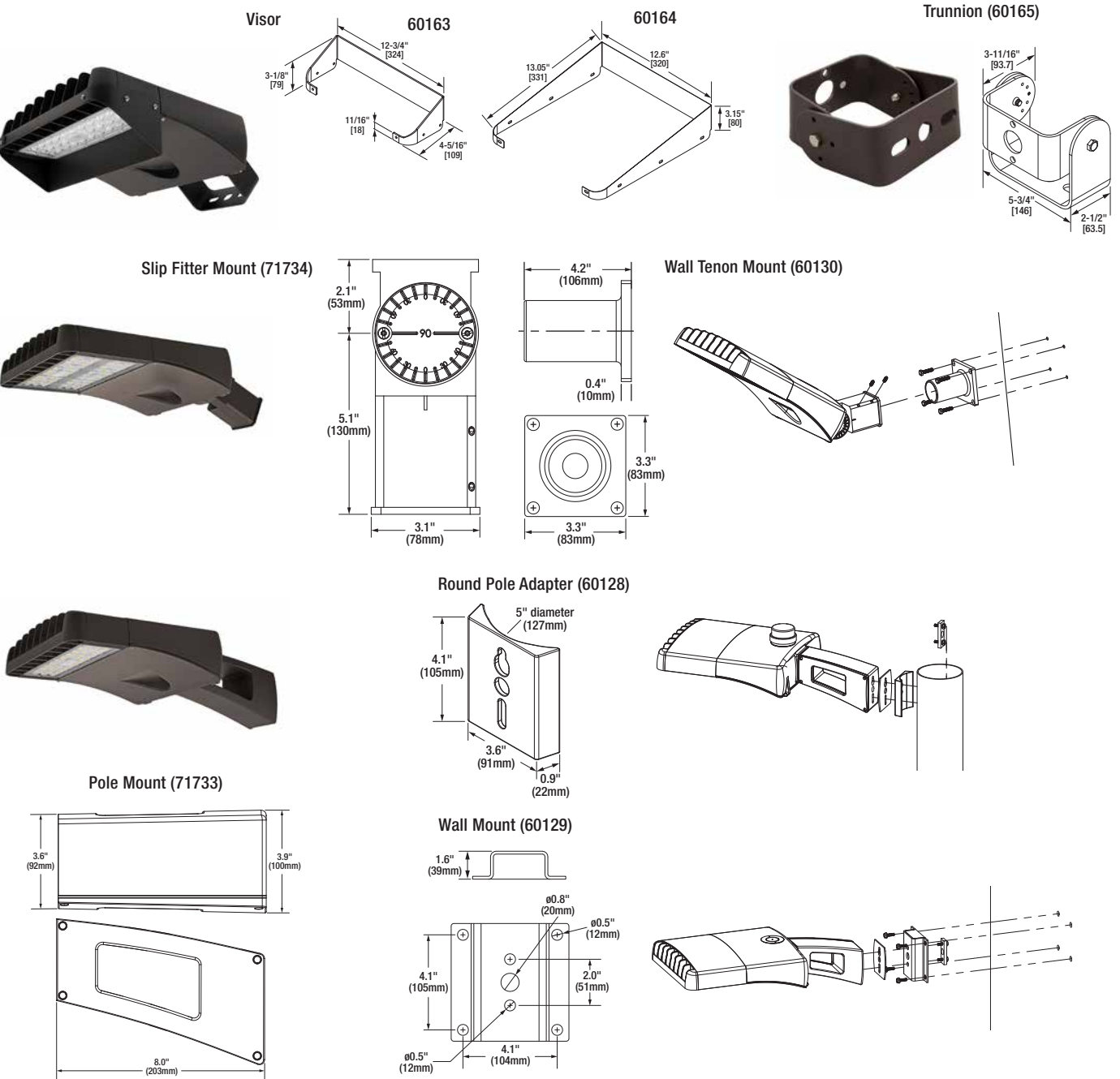
Weight: 70W: 9.7 lbs (4.4 kg) 110/145W: 11.5 lbs (5.2 kg) 220W: 18.5 lbs (8.4 kg) Slip Fitter/Pole Mount: 2.7 lbs (1.2 kg)

EPA (Effective Protection Area): 70W: 0.27ft², with knuckle: 0.45ft² 110/145W: 0.38ft², with knuckle: 0.56ft² 220W: 0.66ft², with knuckle: 0.78ft²



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	AREAFLD1ATRUNNIONBZ	Trunnion, Bronze
60163	AREAFLD1AVISOR01BZ 70W	Visor, Bronze
60164	AREAFLD1AVISOR02BZ 110/145W	Visor, Bronze



Options Information

Sensor: Dual Motion/Daylight sensor available.

Max Mounting Height: 50ft

Default Sensor Settings

Brightness: 100%

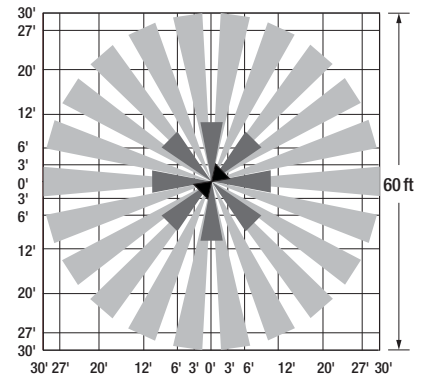
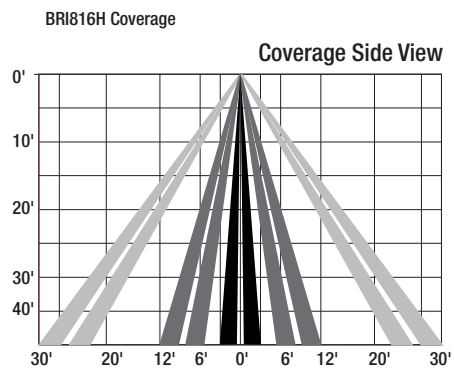
Sensitivity: 100%

Hold time: 5 minutes

Standby Dim: 30%

Standby Time: 60 minutes

Daylight Sensor: Sunlight



Additional Specifications

- Specifications subject to change without notice. IES files available online.
- Cast aluminum alloy housing with powder coat paint finish and UV stabilized polycarbonate lens. The standard color is bronze.

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Specifications subject to change without notice.



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