



ARPM-X

LED Area Light with Selectable CCT and Lumen

Introduction

- ◆ The ARPM-X is the latest generation Area Light of Paraflex. It is highly cost-effective and offers complete configurations. The ARPM-X delivers 11000lm to 48000lm lumens, which can replace 250W to 1000W HID luminaires.
- ◆ The whole family includes three different sizes. Slipfitter mount, square or round pole mount arm and Yoke mount are available.
- ◆ Photocell, motion sensor and external light control shield are also available. It also supports LLC of HAISEN BLUE and Silvair.

Product Specifications

Construction

- ◆ The ARPM-X area light features a rugged die-cast aluminum body that uses heatsink and flow-through venting to provide optimal thermal management that both enhances LED performance and extends component life. The light housing is sealed against moisture and environmental contaminants. The 3G vibration rated compact design minimizes wind load requirements. With a low EPA, it allows pole optimization.

Electrical:

- ◆ Universal voltage AC120-277V/AC120-347V with standard 10kV Surge protector, or High voltage AC277-480V with standard 20kV Surge protector.
- ◆ 0-10V dimmable driver, and the dimming wire does not lead out from the fixture.
- ◆ Power Factor : ≥ 0.95
- ◆ THD $\leq 20\%$
- ◆ 2ft(24") long power cord provided for easier installation.

Optics :

- ◆ Light engines are available in (30/40/50)K selectable (CRI70) configurations
- ◆ Type III,IV,V distributions optional



Finish :

- ◆ Dark bronze is standard and black, white, grey and other customized colors are available.

Ambient Temperature:

- ◆ -40° F (-40° C) to 113° F (45° C)

Listing :

- ◆ UL Certified to meet U.S. and Canadian standards. Suitable for wet locations. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product.

Warranty :

- ◆ 5-years limited warranty. Contact Paraflex for complete warranty terms.

Ordering Guide

EXAMPLE: ARPM-X-(240/260/280/310)WHV(30/40/50)KT3SFDPS

Model ARPM-X	Wattage ¹ XXXW	Input Voltage ² AA	CCT ³ XXK	Dist.Type Y	Mount Y	Finish Y	Photocontrol Y	Sensor Y
ARPM-X	(80/100/120/150)W (170/200/220/240)W (240/260/280/310)W	Blank=120-277V HL=120-347V HV=277-480V	30K=3000K 40K=4000K 50K=5000K (30/40/50)K= 3000/4000/5000K	T3=Type III T4=Type IV T5=Type V	SF=Slipfitter Mount PA=Square and Round Pole Mount Arm TR=Trunnion Mount AA=Adjustable Square and Round Pole Mount Arm UB=Universal bracket WM=Wall Mount	D=Dark Bronze B=Black W=White SG=Silver Grey	Blank=without Photocell P=with Photocell	S=with Motion Sensor Blank=without Motion Sensor

Note: 1.(80/100/120/150)W=150W, 120W, 100W, 80W Selectable, 150W default setting. (170/200/220/240)W=240W, 220W, 200W, 170W Selectable, 240W default setting.

(240/260/280/310)W=310W, 280W, 260W, 240W Selectable, 310W default setting.

2.The Input Voltage AC120-277V and AC277-480V is for US Market, AC120-347V is for Canada Market only.

3.(30/40/50)K=3000K, 4000K, 5000K Selectable, 5000K default setting.



ARPM-X

LED Area Light with Selectable CCT and Lumen

Specification

Wattage & CCT Selectable

Lumen values are based on 120V AC input product configuration, contact for performance data on any configurations not shown here.

Size	Watts	Distribution Type	5000K, CRI70					4000K, CRI70					3000K, CRI70				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
Size 1 (80/100/120/150)W Selectable	80W	T3	12,800	3	0	3	160	14,450	3	0	3	181	12,300	3	0	3	154
	100W		15,850	3	0	3	159	17,850	3	0	3	179	15,250	3	0	3	153
	120W		18,600	3	0	3	155	20,950	3	0	3	175	17,850	3	0	3	149
	150W		22,650	3	0	3	151	25,500	3	0	3	170	21,800	3	0	3	145
	80W	T4	12,800	3	0	3	160	14,450	3	0	3	181	12,300	3	0	3	154
	100W		15,850	3	0	3	159	17,850	3	0	3	179	15,250	3	0	3	153
	120W		18,600	3	0	3	155	20,950	3	0	3	175	17,850	3	0	3	149
	150W		22,650	3	0	3	151	25,500	3	0	3	170	21,800	3	0	3	145
	80W	T5	12,800	4	0	2	160	14,450	4	0	2	181	12,300	4	0	2	154
	100W		15,850	4	0	2	159	17,850	4	0	2	179	15,250	4	0	2	153
	120W		18,600	4	0	2	155	20,950	4	0	2	175	17,850	4	0	2	149
	150W		22,650	4	0	2	151	25,500	4	0	2	170	21,800	4	0	2	145
Size 2 (170/200/220/240)W Selectable	170W	T3	26,900	4	0	4	159	28,550	4	0	4	168	26,150	4	0	4	154
	200W		31,050	4	0	4	156	32,950	4	0	4	165	30,200	4	0	4	151
	220W		33,500	4	0	4	153	35,550	4	0	4	162	32,550	4	0	4	148
	240W		35,850	4	0	4	150	38,000	4	0	4	159	34,800	4	0	4	145
	170W	T4	26,900	4	0	4	159	28,550	4	0	4	168	26,150	4	0	4	154
	200W		31,050	4	0	4	156	32,950	4	0	4	165	30,200	4	0	4	151
	220W		33,500	4	0	4	153	35,550	4	0	4	162	32,550	4	0	4	148
	240W		35,850	4	0	4	150	38,000	4	0	4	159	34,800	4	0	4	145
	170W	T5	26,900	5	0	2	159	28,550	5	0	2	168	26,150	5	0	2	154
	200W		31,050	5	0	2	156	32,950	5	0	2	165	30,200	5	0	2	151
	220W		33,500	5	0	2	153	35,550	5	0	2	162	32,550	5	0	2	148
	240W		35,850	5	0	2	150	38,000	5	0	2	159	34,800	5	0	2	145
Size 3 (240/260/280/310)W Selectable	240W	T3	37,950	4	0	4	159	42,750	4	0	4	179	36,900	4	0	4	154
	260W		39,950	4	0	4	154	45,000	4	0	4	173	38,850	4	0	4	150
	280W		42,600	4	0	4	153	48,000	4	0	4	172	41,450	4	0	4	148
	310W		46,250	4	0	4	150	52,100	4	0	4	168	45,000	4	0	4	145
	240W	T4	37,950	5	0	4	159	42,750	5	0	4	179	36,900	5	0	4	154
	260W		39,950	5	0	4	154	45,000	5	0	4	173	38,850	5	0	4	150
	280W		42,600	5	0	4	153	48,000	5	0	4	172	41,450	5	0	4	148
	310W		46,250	5	0	4	150	52,100	5	0	4	168	45,000	5	0	4	145
	240W	T5	37,950	5	0	3	159	42,750	5	0	3	179	36,900	5	0	3	154
	260W		39,950	5	0	3	154	45,000	5	0	3	173	38,850	5	0	3	150
	280W		42,600	5	0	3	153	48,000	5	0	3	172	41,450	5	0	3	148
	310W		46,250	5	0	3	150	52,100	5	0	3	168	45,000	5	0	3	145



ARPM-X

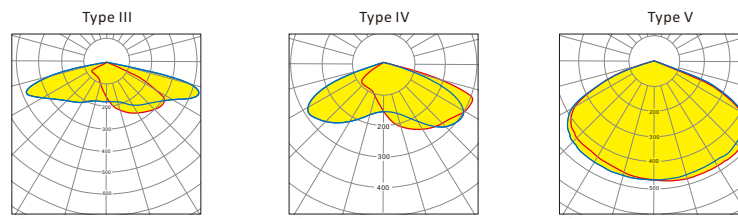
LED Area Light with Selectable CCT and Lumen

Wattage Selectable & Single CCT

Lumen values are based on 120V AC input product configuration, contact for performance data on any configurations not shown here.

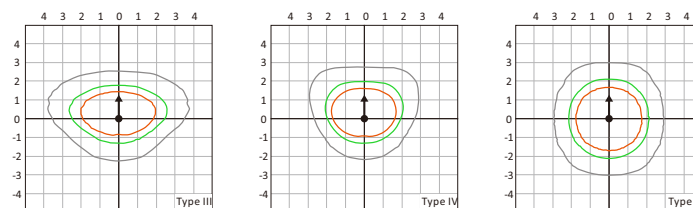
Size	Watts	Distribution Type	5000K, CRI70					4000K, CRI70					3000K, CRI70				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
Size 1 (80/100/120/150)W Selectable	80W	T3	12,750	3	0	3	159	12,600	3	0	3	157	12,300	3	0	3	154
	100W		15,800	3	0	3	158	15,550	3	0	3	156	15,250	3	0	3	153
	120W		18,500	3	0	3	154	18,250	3	0	3	152	17,850	3	0	3	149
	150W		22,500	3	0	3	150	22,200	3	0	3	148	21,750	3	0	3	145
	80W	T4	12,750	3	0	3	159	12,600	3	0	3	157	12,300	3	0	3	154
	100W		15,800	3	0	3	158	15,540	3	0	3	156	15,250	3	0	3	153
	120W		18,500	3	0	3	154	18,250	3	0	3	152	17,850	3	0	3	149
	150W		22,500	3	0	3	150	22,200	3	0	3	148	21,750	3	0	3	145
	80W	T5	12,750	4	0	2	159	12,600	4	0	1	157	12,300	4	0	2	154
	100W		15,800	4	0	2	158	15,540	4	0	1	156	15,250	4	0	2	153
	120W		18,500	4	0	2	154	18,250	4	0	1	152	17,850	4	0	2	149
	150W		22,500	4	0	2	150	22,200	4	0	1	148	21,750	4	0	2	145
Size 2 (170/200/220/240)W Selectable	170W	T3	27,050	4	0	4	159	26,700	4	0	4	157	26,150	4	0	4	154
	200W		31,200	4	0	4	156	30,800	4	0	4	154	30,200	4	0	4	151
	220W		33,700	4	0	4	153	33,250	4	0	4	151	32,550	4	0	4	148
	240W		36,000	4	0	4	150	35,520	4	0	4	148	34,800	4	0	4	145
	170W	T4	27,050	4	0	4	159	26,700	4	0	4	157	26,150	4	0	4	154
	200W		31,200	4	0	4	156	30,800	4	0	4	154	30,200	4	0	4	151
	220W		33,700	4	0	4	153	33,250	4	0	4	151	32,550	4	0	4	148
	240W		36,000	4	0	4	150	35,520	4	0	4	148	34,800	4	0	4	145
	170W	T5	27,050	5	0	2	159	26,700	5	0	2	157	26,150	5	0	2	154
	200W		31,200	5	0	2	156	30,800	5	0	2	154	30,200	5	0	2	151
	220W		33,700	5	0	2	153	33,250	5	0	2	151	32,550	5	0	2	148
	240W		36,000	5	0	2	150	35,520	5	0	2	148	34,800	5	0	2	145
Size 3 (240/260/280/310)W Selectable	240W	T3	38,200	4	0	4	159	37,700	4	0	4	157	36,900	4	0	4	154
	260W		40,200	4	0	4	155	39,650	4	0	4	153	38,850	4	0	4	150
	280W		42,850	4	0	4	153	42,300	4	0	4	151	41,450	4	0	4	148
	310W		46,500	4	0	4	150	45,880	4	0	4	148	44,950	4	0	4	145
	240W	T4	38,200	4	0	4	159	37,700	4	0	4	157	36,900	4	0	4	154
	260W		40,200	4	0	4	155	39,650	4	0	4	153	38,850	4	0	4	150
	280W		42,850	4	0	4	153	42,300	4	0	4	151	41,450	4	0	4	148
	310W		46,500	4	0	4	150	45,880	4	0	4	148	44,950	4	0	4	145
	240W	T5	38,200	5	0	2	159	37,700	5	0	2	157	36,900	5	0	2	154
	260W		40,200	5	0	2	155	39,650	5	0	2	153	38,850	5	0	2	150
	280W		42,850	5	0	2	153	42,300	5	0	2	151	41,450	5	0	2	148
	310W		46,500	5	0	2	150	45,880	5	0	2	148	44,950	5	0	2	145

Photometric Diagrams



Isofootcandle plots for the 150W-5000K. Distances are in units of mounting height(30')

LEGEND





ARPM-X

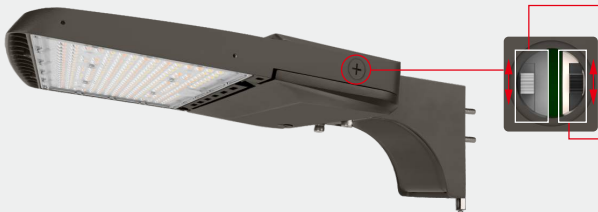
LED Area Light with Selectable CCT and Lumen

EPA (Square and round pole arm)

*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data

Mounting Type	Tilt	EPA(ft²)								
		Single	2@90	2@180	3@90	3@120	4@90	2 Side by Side	3 Side by Side	4 Side by Side
										
Size 1	0°	0.23	0.41	0.42	0.60	0.54	0.80	0.46	0.69	0.91
	10°	0.18	0.35	0.35	0.53	0.46	0.69	0.35	0.53	0.71
	20°	0.17	0.34	0.34	0.51	0.44	0.67	0.34	0.52	0.69
	30°	0.21	0.37	0.39	0.54	0.48	0.74	0.42	0.64	0.85
	40°	0.27	0.40	0.45	0.58	0.55	0.80	0.54	0.81	1.08
	45°	0.30	0.42	0.50	0.60	0.58	0.83	0.61	0.91	1.21
	50°	0.45	0.61	0.72	0.87	0.85	1.21	0.89	1.34	1.79
	60°	0.73	0.99	1.19	1.41	1.39	1.96	1.47	2.20	2.94
	70°	0.95	1.38	1.57	1.96	1.90	2.74	1.90	2.86	3.81
Size 2	0°	0.25	0.44	0.46	0.65	0.58	0.87	0.50	0.75	0.99
	10°	0.19	0.38	0.38	0.57	0.50	0.75	0.38	0.58	0.77
	20°	0.19	0.37	0.37	0.55	0.48	0.73	0.37	0.56	0.75
	30°	0.23	0.40	0.43	0.59	0.53	0.80	0.46	0.69	0.92
	40°	0.29	0.44	0.49	0.63	0.60	0.87	0.59	0.88	1.17
	45°	0.33	0.45	0.54	0.66	0.63	0.90	0.66	0.99	1.32
	50°	0.49	0.66	0.79	0.95	0.93	1.31	0.97	1.46	1.94
	60°	0.80	1.08	1.29	1.54	1.51	2.13	1.60	2.39	3.20
	70°	1.04	1.50	1.70	2.13	2.07	2.97	2.07	3.11	4.14
Size 3	0°	0.35	0.62	0.64	0.91	0.82	1.21	0.69	1.04	1.39
	10°	0.27	0.54	0.53	0.80	0.69	1.06	0.54	0.81	1.08
	20°	0.26	0.52	0.52	0.77	0.67	1.02	0.52	0.79	1.05
	30°	0.32	0.56	0.60	0.83	0.74	1.12	0.64	0.97	1.29
	40°	0.41	0.61	0.68	0.88	0.84	1.21	0.82	1.23	1.64
	45°	0.46	0.63	0.76	0.92	0.89	1.26	0.92	1.38	1.85
	50°	0.68	0.93	1.10	1.32	1.30	1.84	1.36	2.04	2.72
	60°	1.12	1.51	1.81	2.15	2.12	2.99	2.24	3.35	4.47
	70°	1.45	2.09	2.38	2.99	2.90	4.16	2.90	4.35	5.79
	80°	1.72	2.60	2.88	3.72	3.60	5.18	3.44	5.17	6.89
	90°	1.95	3.02	3.32	4.35	4.22	6.03	3.91	5.86	7.82

Power Selection And CCT Selection Capability



CCT Select Technology
Adjust CCT between 3000/4000/5000K, 5000K default setting.

Power Select Technology

Size	Power Selection	Default Setting
Size 1	Adjust power between 80/100/120/150W	150W
Size 2	Adjust power between 170/200/220/240W	240W
Size 3	Adjust power between 240/260/280/310W	310W



LED Area Light with Selectable CCT and Lumen

Control Options

	ARPM-X-SCk01 Shorting Cap Kit (with receptacle)		ARPM-X-PCKit-UNV27V Black Twist-lock Photocell Kit (with receptacle) for ARPM-X, at AC120-277V
	ARPM-X-PCKit-UNV34V Twist-lock Photocell Kit (with receptacle) for ARPM-X, at AC120-347V		ARPM-X-PCKit-HV48V Twist-lock Photocell Kit (with receptacle) for ARPM-X, at AC277-480V
	HDO9VR-PH Screw-in PIR Sensor		

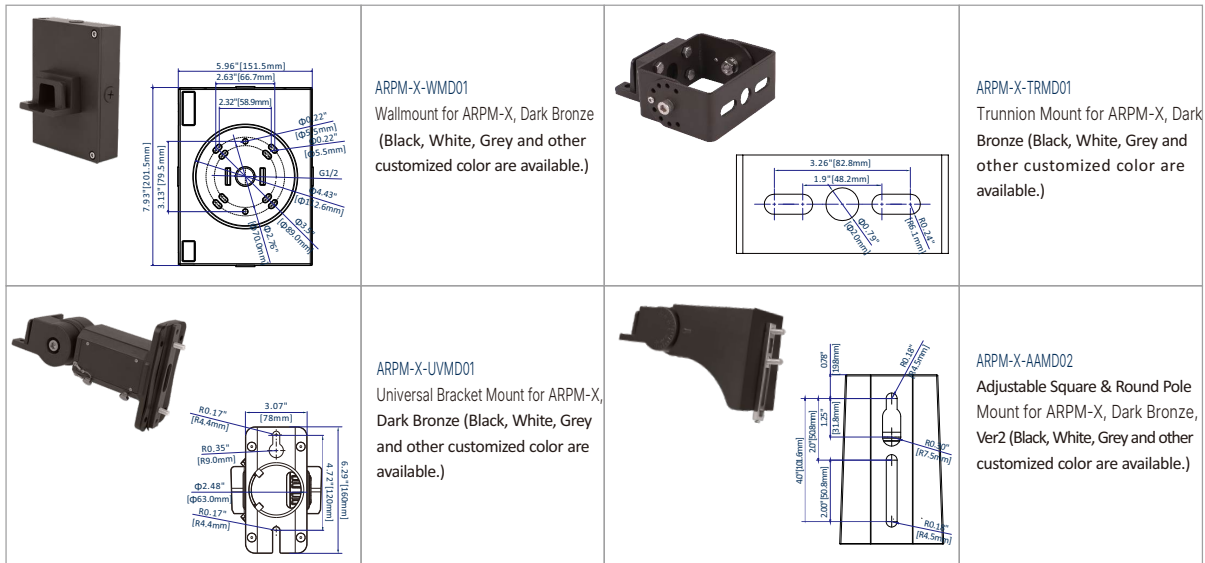
	ARPM-X-3PTZ10ZGA-WA Zhaga Adapter for 3-pin Reverse to Z10 Zhaga
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	ARPM-X-150W-HGS-D-A External Half Glare shield for ARPM-X-150W		
	ARPM-X-240W-HGS-D-A External Half Glare shield for ARPM-X-240W		ARPM-X-310W-HGS-D-A External Half Glare shield for ARPM-X-310W
	ARPM-X-150W-FGS-D-A External 360° Full Visor for ARPM-X-150W		
	ARPM-X-240W-FGS-D-A External 360° Full Visor for ARPM-X-240W		ARPM-X-310W-FGS-D-A External 360° Full Visor for ARPM-X-310W

The image displays two technical drawings of ARPM-X components. On the left is the ARPM-X-SQMD02, a square and round pole mount, shown in a perspective view and a detailed cross-sectional view with dimensions: 4.00" (101.6mm) total height, 2.00" (50.8mm) for the lower section, 0.78" (19.8mm) for the upper section, 1.25" (31.8mm) for the central opening, and radii of R0.16" (4.13mm), R0.12" (3.05mm), and R0.12" (3.05mm). On the right is the ARPM-X-SPMD01, a slipfitter mount, shown in a perspective view and a detailed cross-sectional view with dimensions: 2.44" (62.0mm) for the central opening and a radius of R0.12" (3.05mm).



LED Area Light with Selectable CCT and Lumen

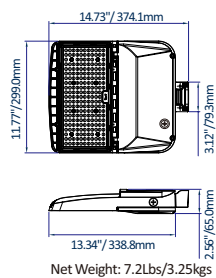


Electrical Data

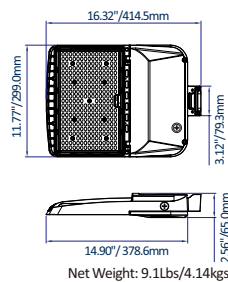
Model Series	Wattage(W)	Current (A)					
		Input Voltage (V)					
		120	208	240	277	347	480
ARPM-X-(80/100/120/150)W	80	0.74	0.43	0.37	0.32	0.26	0.19
	100	0.93	0.53	0.46	0.40	0.32	0.23
	120	1.11	0.64	0.56	0.48	0.38	0.28
	150	1.39	0.80	0.69	0.60	0.48	0.35
ARPM-X-(170/200/220/240)W	170	1.57	0.91	0.79	0.68	0.54	0.39
	200	1.85	1.07	0.93	0.80	0.64	0.46
	220	2.04	1.18	1.02	0.88	0.70	0.51
	240	2.22	1.28	1.11	0.96	0.77	0.56
ARPM-X-(240/260/280/310)W	240	2.22	1.28	1.11	0.96	0.77	0.56
	260	2.41	1.39	1.20	1.04	0.83	0.60
	280	2.59	1.50	1.30	1.12	0.90	0.65
	310	2.87	1.66	1.44	1.24	0.99	0.72

Dimensions & Weight

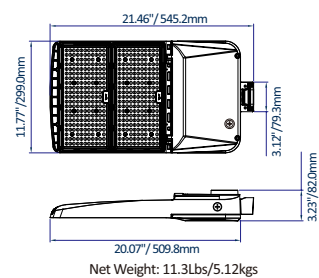
80W / 100W / 120W / 150W
Without Mounting Bracket



170W / 200W / 220W / 240W



240W / 260W / 280W / 310W

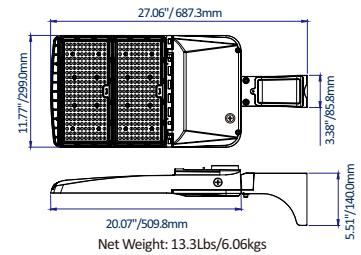
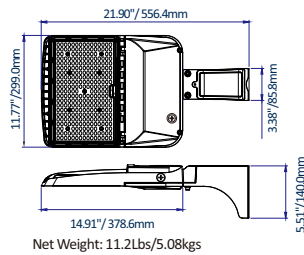
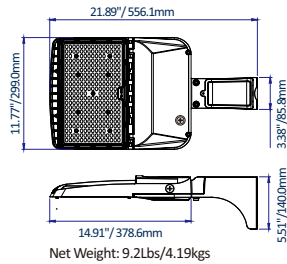




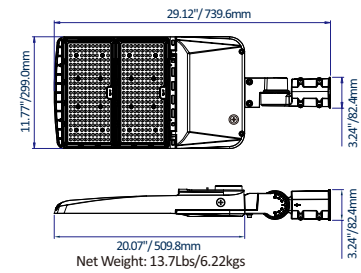
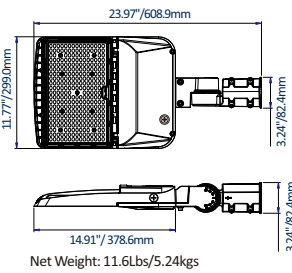
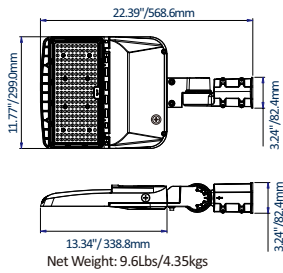
ARPM-X

LED Area Light with Selectable CCT and Lumen

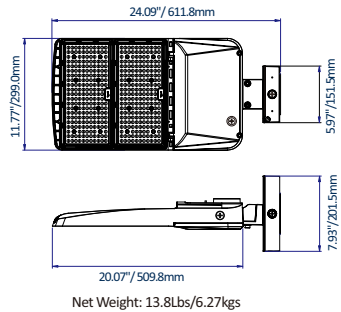
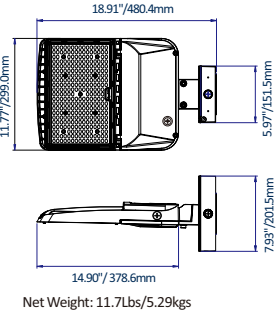
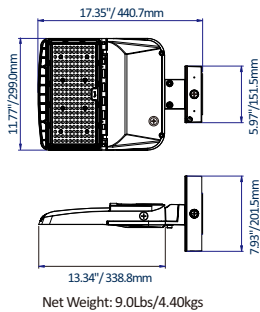
Square & Round Pole Mount



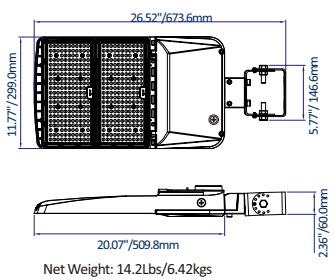
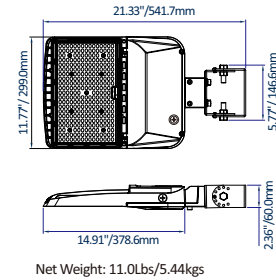
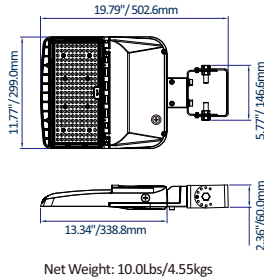
Slip Fitter Mount



Wall Mount



Trunnion Mount

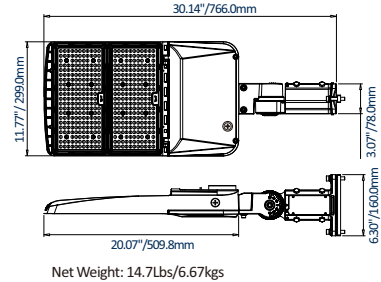
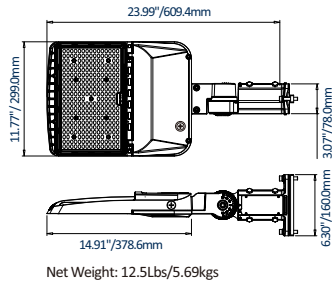
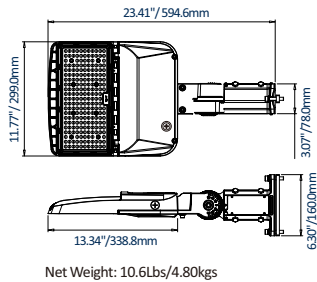




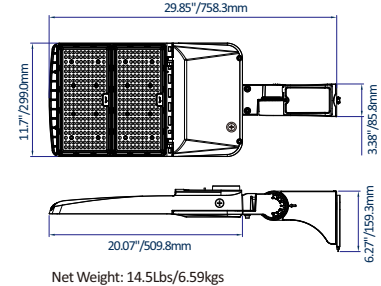
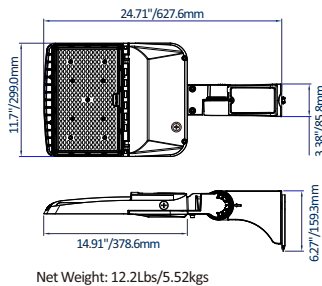
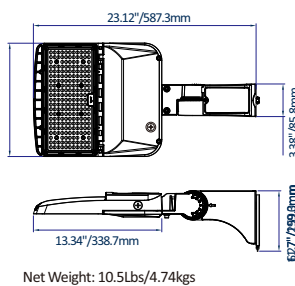
ARPM-X

LED Area Light with Selectable CCT and Lumen

Universal bracket



Adjustable Square & Round Pole Mount



Shipping Information

Model	Carton Size (in)	G.W. (lbs)	Per carton (pcs)	20GP (pcs)	40HQ (pcs)
ARPM-X-(80/100/120/150)W	15.59 x 13.07 x 5.24	8.42	1	1,260	3,466
ARPM-X-(170/200/220/240)W	17.17 x 13.07 x 5.24	9.70	1	1,145	3,151
ARPM-X-(240/260/280/310)W	22.32 x 13.07 x 5.71	11.73	1	825	2,270
ARPM-X-SQMD02 (Square & Round Pole Mount)	23.6 x 8.7 x 7.7	17.59	8	7,272	20,000
ARPM-X-SPMD01 (Slipfitter Mount)	14.8 x 9.8 x 7.9	20.35	8	10,105	27,789
ARPM-X-WMD01 (Wallmount)	17.3 x 13.2 x 8.9	21.75	8	5,580	15,345
ARPM-X-TRMD01 (Trunnion Mount)	12.8 x 11.6 x 7.5	24.21	8	10,207	28,070
ARPM-X-UVMD01 (Universal Bracket Mount)	14.4 x 14.0 x 9.3	28.68	8	6,006	16,516
ARPM-X-AAMD02 (Adjustable Square & Round Pole Mount)	20.5 x 15.6 x 6.7	28.70	8	5,429	14,932

Note: The packaging data can sometimes be outdated or incomplete. For the most reliable information, please reach out to us directly.

Disclaimer:

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