



UL Floodlite™ Series

americanlite®

We light your world™





Yoke Bracket



Knuckle Bracket

-
-
-
- Beam**
7H7V
- IP65**
- IK08**
- LM79**
- LM80**
- Lumens**
Up to 140LxW
- VOLTS**
120-277
- PF**
≥.90
- THD**
≤20%
- CRI**
>80
- CCT**
3K-5K
- CCT Selectable**
3K-4K-5K
- Power Selectable**
- Dim**
0-10V
- 2.5kV**
Surge Protection
-
-
-
- 5 YEAR**
Warranty

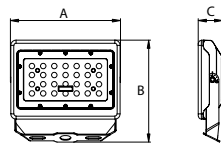
Time is money when it comes to installing and retrofitting area and site luminaires. Americanlite® CX™ Series was engineered to make installation quick and easy, saving on both installation time and costs. CX™ Series LED Flood introduces a new level of performance, versatility and value in a low-profile design that delivers significant installation and energy savings. The CX™ Luminaire replaces 50w-250w HID fixtures in outdoor area lighting applications.

Americanlite® CX™ Series luminaire delivers an innovative thermal management design that maximizes heat dissipation resulting in longer fixture and LED life. Housing and cast parts are finished in polyester powder coat paint, for superior protection against fade and wear; the standard finish is bronze. The high efficiency precision molded optics combined with Lumileds® 2835 led chips, are designed to shape the distribution, maximizing efficiency and application spacing. With lumen packages ranging from 1800 to 11,000 nominal lumens. UL 120-277V, 0-10V driver, with surge protection up to 2.5KV is mounted to the fixture for optimal heat sinking and ease of maintenance.

Americanlite® CX™ Series offers the widest range of options to match any requirement. We have incorporated multiple options such as CCT Selectable and / or power selectable to make CX™ Series with integrated DC Photocell one of the most complete products on the market.

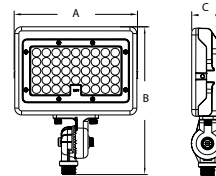
Designed to meet the toughest lighting challenges Americanlite® CX™ Series provide uniform illumination to walkways, landscape, parking lots, roadways, building areas and security lighting applications.

Dimensions (mm)



With Yoke

Model	A	B	C
15w	133	137	39
30w / 50w	203	183	45
80w	238	205	50



With Knuckle

Model	A	B	C
15w	111	149	39
30w	182	218	45

Ordering information

Single CCT

Lumens / CCT

Item	Power	CCT	Lumens	3000K	4000K	5700K	CCT	Brackets
AL575270	15w	5000K	1860	1800	1830	1905	Blank	K Knuckle (15w / 30w)
AL575271	30w	5000K	4020	3900	3960	4020	5	Y Yoke (50w / 80w)
AL575272	50w	5000K	7000	6750	6900	7100	4	
AL575273	80w	5000K	10880	10240	10800	11040	3	

CCT & Power Selectable

AL575274 30w			AL575275 50w			AL575276 80w		
Power	CCT	Lumens	Power	CCT	Lumens	Power	CCT	Lumens
30w	3K/4K/5K	3900/3960/4020	50w	3K/4K/5K	6750/6900/7000	80w	3K/4K/5K	10240/10800/11040
20w	3K/4K/5K	2600/2840/2680	35w	3K/4K/5K	4725/4830/4900	70w	3K/4K/5K	8960/9450/9520
						60w	3K/4K/5K	7680/8100/8160

Notes

- Lumen & Power Tolerance = ± 10%
- 15w & 30w available with Yoke & knuckle Brackets
- 50w & 80w available with Yoke Bracket only
- LED Chips = Lumileds 2835
- EPA: 15w = 0.12 ft²
30w/50w/80w = 0.42 ft²
- Beam 7H7V = 145°x145°
- Housing wall thickness: >1.2mm
- Salt chamber test: 168 hours
- Driver: 15w = HBE # MR-FL06F015
30w = HBE # HB-FL19F035
50w = HBE # HB-FL19F050
80w = HBE # HB-FL19F080
- Integrated DC photocell for 30w and higher
- Cable: UL certified, SJOW, (Ø7.8±0.3MM) 500MM peeled 50MM black and white green dipped tin 13 immersed tin, one end peeled 150MM immersed tin 3MM, green belt 4.2MM ring, 105°C, 300V

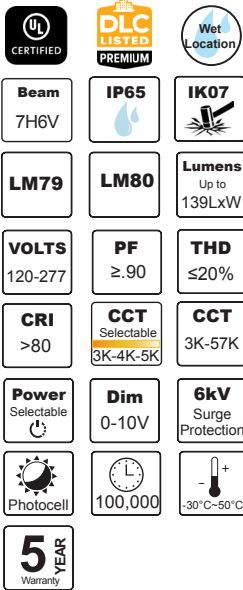
Packing information

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
15w	16	50.5 x 34.7 x 24.5	0.0430	10.1
30w 50w	8	48.7 x 30 x 31	0.0450	11.1
80w	6	47.1 x 32.5 x 29.5	0.0450	11.2



NX™

15w/25w/35w/60w
80w/100w/120w/150w
Single CCT / Single Power
CCT & Power Selectable



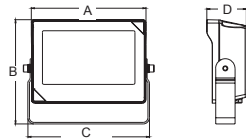
Time is money when it comes to installing and retrofitting area and site luminaires. Americanlite® NX™ Series was engineered to make installation quick and easy, saving on both installation time and costs. NX™ Series LED Flood introduces a new level of performance, versatility and value in a low-profile design that delivers significant installation and energy savings. The NX™ luminaire replaces 35w-400w HID fixtures in outdoor area lighting applications.

Americanlite® NX™ Series luminaire delivers an innovative thermal management design that maximizes heat dissipation resulting in longer fixture and LED life. Housing and cast parts are finished in polyester powder coat paint, for superior protection against fade and wear; the standard finish is bronze. The high efficiency precision molded optics combined with Lumileds® 2835 led chips, are designed to shape the distribution, maximizing efficiency and application spacing. With lumen packages ranging from 1,056 to 20,850 nominal lumens, UL 120-277V 0-10V driver, up to 6KV built in surge protection, makes NX™ Series is your best solution for efficiency and durability.

Americanlite® NX™ Series offers the widest range of options to match any requirement. We have incorporated multiple options such as CCT & Power selectable, intergrated DC Photocell to make NX™ Series one of the most complete products on the market.

Designed to meet the toughest lighting challenges Americanlite® NX™ Series provide uniform illumination to walkways, landscape, parking lots, roadways, building areas and security lighting applications.

Dimensions (mm)



Model	A	B	C	D
15w/25w	148	134	157	51
35w	183	160	197	56
60w/80w	221	195	234	58
100w/120w	261	225	278	69
150w	291	246	309	73

Measurement Tolerance ± 3-5mm

Ordering information

Single Power / Single CCT

Item	Power	CCT	Lumens	Item	Power	CCT	Lumens	CCT	Options	Finish	
AL675215	15w	5000K	2085	AL675219	80w	5000K	11120	Blank	5000K	S1 SPD 10Kv	Bronze
AL675216	25w	5000K	3475	AL675220	100w	5000K	13900	5	5700K		White
AL675217	35w	5000K	4865	AL675221	120w	5000K	16680	4	4000K		Black
AL675218	60w	5000K	8340	AL675222	150w	5000K	20850	3	3000K		

CCT & Power Select

AL675224 25w				AL675225 35w				AL675226 60w				Options	
Power	CCT	Lumens		Power	CCT	Lumens		Power	CCT	Lumens			
25w	3K/4K/5K	3300/3475/3475		35w	3K/4K/5K	4620/4865/4865		60w	3K/4K/5K	7920/8340/8340		S1	SPD 10Kv
15w	3K/4K/5K	1980/2085/2085		25w	3K/4K/5K	3300/3475/3475		35w	3K/4K/5K	4620/4865/4865		Blank	Bronze
10w	3K/4K/5K	1320/1390/1390		15w	3K/4K/5K	1920/2085/2085		15w	3K/4K/5K	1980/2085/2085		W	White
												B	Black

AL675227 80w				AL675228 100w				AL675229 120w				AL675230 150w				Options	
Power	CCT	Lumens		Power	CCT	Lumens		Power	CCT	Lumens		Power	CCT	Lumens			
80w	3K/4K/5K	10560/11120/11120		100w	3K/4K/5K	13200/13900/13900		120w	3K/4K/5K	15840/16680/16680		150w	3K/4K/5K	19800/20850/20850		S1	SPD 10Kv
60w	3K/4K/5K	7920/8340/8340		80w	3K/4K/5K	10560/11120/11120		100w	3K/4K/5K	13200/13900/13900		120w	3K/4K/5K	15840/16680/16680		Blank	Bronze
45w	3K/4K/5K	5940/6255/6255		60w	3K/4K/5K	7920/8340/8340		80w	3K/4K/5K	10560/11120/11120		100w	3K/4K/5K	13200/13900/13900		W	White
																B	Black

Notes

- LED Chips = Lumileds 2835
- Surge Protection: 15w-60w=L/N-PE: 2.5kV, L-N: 2.5kV 80w-150w=L/N-PE: 6.0kV, L-N: 4.0kV
- Driver Brand: 15w-60w = HBE 80w-150w = Becky
- Lumen & Power Tolerance = ± 10%
- Lumens x single CCT based on 5000K: 3000K = 132 lxw 4000K-5700K = 139 lxw
- Beam: 7H6V = 115x100°
- Glass Lens
- EPA: 15w/25w = 0.18 ft² 35w = 0.27 ft² 60w/80w = 0.42 ft² 100w-150w = 0.6 ft²
- Intergrated DC Photocell = Single CCT 15w-60w CCT & Power select for 35w and higher
- Die-Cast Housing: 1.2-3 mm Thickness
- Salt chamber test: 168 hours
- Paint thickness: 60-120um
- 100K hours - Case T @ 55°C
- Cable for 100-277V: UL certified, SJOW, Black color (Φ8±0.3MM), Black/white/green wire core, wire 3×0.824MM2, 18AWG, 105°C, 300V (Standard wire is 1.2m, outside 1m)

Packing information

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
15w/25w	10	42.5 x 35.5 x 20.5	0.03090	9.6
35w	10	48.5 x 37 x 23	0.0413	12.8
60w/80w	10	56.5 x 39.5 x 26.5	0.0591	19.2
100w/120w	5	44.5 x 33.5 x 29.5	0.0439	16.5
150w	5	47 x 36 x 31	0.0524	21.5

15w/30w/60w/80w/100w
150w/200w/240w/300w

Single CCT / Single Power
CCT & Power Selectable



Beam 7H7V	Beam 7H6V	Beam 6H6V
Beam 5H5V		
LM79	LM80	Lumens Up to 155LxW
VOLTS 120-277	PF ≥.90	THD ≤20%
CRI >80	CCT Selectable 3K-4K-5K	CCT 3K-57K
Power Selectable	Dim 0-10V	Up to 10kV SP
		5 YEAR Warranty

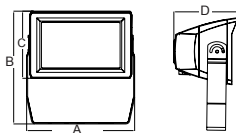
Time is money when it comes to installing and retrofitting area and site luminaires. Americanlite® QX™ Series was engineered to make installation quick and easy, saving on both installation time and costs. QX™ Series LED Flood introduces a new level of performance, versatility and value in a robust and architectural design that delivers significant installation and energy savings. The QX™ Luminaire replaces 50w-1000w HID fixtures in outdoor area lighting applications, with an outstanding 155 lxw.

Americanlite® QX™ Series luminaire delivers an innovative thermal management design that maximizes heat dissipation resulting in longer fixture and LED life. Housing and cast parts are finished in polyester powder coat paint, for superior protection against fade and wear; the standard finish is bronze. The high efficiency precision molded optics combined with Lumileds® 2835 led chips, are designed to shape the distribution, maximizing efficiency and application spacing. With lumen packages ranging from 2,100 to 46,500 nominal lumens. UL 120-277V, 0-10V driver, with surge protection up to 6KV is mounted to the fixture for optimal heat sinking and ease of maintenance. For higher protection, 80-300w includes 10KV SPD as standard.

Americanlite® QX™ Series offers the widest range of options to match any requirement. We have incorporated multiple options such as CCT Selectable & Power selectable, photocell & 277v-480v versions, to make QX™ Series one of the most complete products on the market.

Designed to meet the toughest lighting challenges Americanlite® QX™ Series provide uniform illumination to walkways, landscape, parking lots, roadways, building areas and security lighting applications.

Dimensions (mm)



Model	A	B	C	D
15w/30w	163	173	133	69
60w	203	234	182	87
80w/100w	261	246	187	103
150w/200w	300	313	186	179
240w / 300w	364	346	217	202

Measurement Tolerance ±5mm

Ordering information

Single Power / Single CCT

Item	Power	CCT	Lumens	Item	Power	CCT	Lumens	CCT	Dist. Type	Options	Finish
AL675231	15w	5000K	2250	AL675237	150w	5000K	22500	Blank 5000K	Blank 7H7V (15w-100w)	S2 SPD 20kv	Blank Bronze
AL675232	30w	5000K	4500	AL675238	200w	5000K	30000	5 5700K	7 7H6V (150w, 200w-300w)	3B 3 Pin Photobase*	W White
AL675233	60w	5000K	9000	AL675239	240w	5000K	36000	4 4000K	6 6H6V (150w, 200w-300w)	7B 7 Pin Photobase*	B Black
AL675234	80w	5000K	12000	AL675240	300w	5000K	45000	3 3000K	5 5H5V (200w-300w)	4B 277-480V (80w-300w)	
AL675235	100w	5000K	15000								

CCT & Power Select

AL675241 15w				AL675242 30w				AL675243 60w			
Power	Lumens @ 3K/4K/5K			Power	Lumens @ 3K/4K/5K			Power	Lumens @ 3K/4K/5K		
15w	2100/2325/2250			30w	4200/4650/4500			60w	8400/9300/9000		
10w	1400/1550/1500			25w	3500/3852/3750			50w	7000/7750/7500		
5w	700/775/750			15w	2100/2325/2250			40w	600/6200/6000		
AL675244 80w				AL675245 100w				AL675246 150w			
Power	Lumens @ 3K/4K/5K			Power	Lumens @ 3K/4K/5K			Power	Lumens @ 3K/4K/5K		
80w	11200/12400/12000			100w	14000/15500/15000			150w	21000/23250/22500		
70w	9800/10850/10500			80w	11200/12400/12000			120w	16800/18600/18000		
50w	7000/7750/7500			60w	8400/9300/9000			80w	11200/12400/12000		
AL675247 200w				AL675248 240w				AL675249 300w			
Power	Lumens @ 3K/4K/5K/200w			Power	Lumens @ 3K/4K/5K			Power	Lumens @ 3K/4K/5K		
200w	28000/31000/30000			240w	33600/37200/33600			300w	42000/46500/45000		
150w	21000/23250/22500			200w	28000/31000/28000			240w	33600/37200/36000		
120w	16800/18600/18000			150w	21000/23250/21000			200w	26000/31000/30000		

Dist. Type	Options	Finish
Blank 7H7V (15w-100w)	S2 SPD 20kv	Blank Bronze
7 7H6V (150w, 200w-300w)	3B 3 Pin Photobase*	W White
6 6H6V (150w, 200w-300w)	7B 7 Pin Photobase*	B Black
5 5H5V (200w-300w)	4B 277-480V (80w-300w)	

Notes

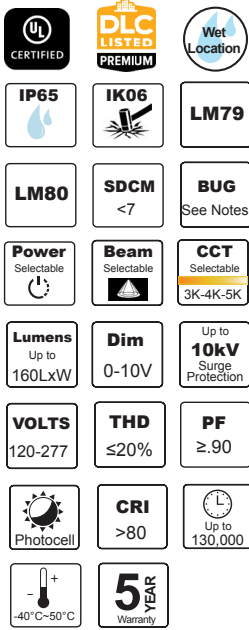
- LED Chips = Lumileds 2835
- Driver Surge Protection: 15-30w = L/N-PE: 6KV, L-N: 2.5KV
60w = L/N-PE: 6KV, L-N: 6KV
80w = L/N-PE: 6KV, L-N: 4KV
100-300w = L/N-PE: 6KV, L-N: 6KV
- Driver Brand: 15w-60w = HBE
80w-300w = Lifud
277-480V / 80w-300w = Fahold
- Lumen & Power Tolerance ± 10%
- Lumens x single CCT based on 5000K
3000K = 140 lxw
4000K = 155 lxw
5000K = 150 lxw
- 3-7 Pin Photobase = 150w-300w
- EPA: 15w/30w = 0.3 ft²
60w = 0.5 ft²
80w/100w = 0.65 ft²
150w/200w = 0.8 ft²
240w/300w = 0.98 ft²
- Distribution Type: 15w-100w= 7H7V
150w= 7H6V / 6H6V
200w-300w= 7H6V / 6H6V / 5H5V (glass with pc lens)
- Housing wall thickness: 0.2-0.3mm
- Salt chamber test: 72 hours
- Paint thickness: 60-80um
- Cable for 100-277V: UL certified, SJOW, Black color (Ø8±0.3MM), Black/white/green wire core, wire 3×0.824MM2, 18AWG, 105°C, 300V (Standard wire is 1.2m, outside 1m)

Packing information

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
15w/30w	5	67 x 32.5 x 36	0.0330	5.8
60w	5	59.5 x 28 x 35.5	0.0590	7.8
80w/100w	5	67 x 32.5 x 36	0.0780	15
150w/200w	1	34.5 x 33 x 25	0.0280	5.7
240w/300w	1	39 x 38 x 27	0.0400	7.6



20w/35w/60w/80w/150w
250w / 300w / 320w / 420w / 500w
Beam, CCT, & Power Selectable



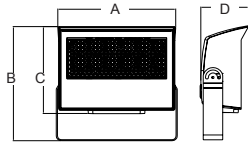
Americanlite® UX™ Series LED Flood introduces a new level of performance, versatility and value in an Industrial Grade design that delivers significant installation and energy savings. The innovative thermal management design maximizes heat dissipation resulting in longer fixture and LED life. We have incorporated the most advanced technology, offering our unique patented CCT+Power+Beam Selectable as standard feature to make UX™ Series one of the most complete led floodlights on the market. Each SKU becomes 27 different fixtures, all in one!

Americanlite® UX™ Series is designed to meet the toughest lighting challenges. Housing and cast parts are finished in polyester powder coat paint, for superior protection against fade and wear; the standard finish is bronze. The precision molded high efficiency optics paired with Lumileds® 2835 led chips, are designed to shape the distribution, maximizing efficiency and application spacing, offering multiple beam options on every fixture with our patented Beam Selectable system.

Americanlite® UX™ Series lumen packages ranging from 1,400 to 75,000 nominal lumens and 3 CCT Selectable as standard. State of the art UL driver 0-10V with surge protection up to 6KV, in addition, 80-500w includes a 10KV SPD. Internal photocell is standard up to 150w, higher wattages accommodate 3Pin twist lock photocells as an option. Time is money when it comes to installing and retrofitting area and site luminaires. UX™ Series was engineered to make installation quick and easy, saving on both installation time and costs.

Americanlite® UX™ Series LED floodlights offer a site-wide floodlighting solution for architectural and general-purpose needs. This family features a large breadth of photometric distributions, color temperatures and other options to meet the vast project needs of architects and specifiers while also offering in-stock availability for contractors. In addition, these floodlights provide best-in-class energy savings to meet aggressive payback targets.

Dimensions (mm)



Model	A	B	C	D
20w	163	173	133	69
35w	186	182	133	66
60w	203	234	182	87
80w	254	246	187	103
150w	300	313	186	179
250-320w	422	387	261	225
420/500w	496	469	361	245

Ordering information

AL775200 20w	
Power Lumens @ 3K/4K/5K	
20w	2700/3000/2800
15w	2025/2250/2100
10w	1350/1500/1400
AL775201 35w	
Power Lumens @ 3K/4K/5K	
35w	4550/5075/4900
25w	3250/3625/3500
15w	1950/2175/2100
AL775202 60w	
Power Lumens @ 3K/4K/5K	
60w	8100/9300/8700
45w	6075/6975/6525
35w	4725/5425/5070
AL775203 80w	
Power Lumens @ 3K/4K/5K	
80w	11600/12800/12400
70w	10150/11200/10850
60w	8700/9600/9300

AL775204 150w	
Power Lumens @ 3K/4K/5K	
150w	21000/23250/22500
120w	16800/18600/18000
100w	14000/15500/15000
AL775205 250w	
Power Lumens @ 3K/4K/5K	
250w	36250/38750/37500
220w	31900/34100/33000
190w	27550/29450/28500
AL775206 300w	
Power Lumens @ 3K/4K/5K	
300w	42000/45000/43500
240w	33600/36000/34800
150w	21000/22500/21750
AL775207 320w	
Power Lumens @ 3K/4K/5K	
320w	43200/46400/44800
250w	33750/36250/35000
210w	28350/30450/29400

AL775208 420w	
Power Lumens @ 3K/4K/5K	
420w	63000/67200/65100
380w	57000/60800/58900
340w	51000/54400/52700
AL775209 500w	
Power Lumens @ 3K/4K/5K	
500w	72500/77500/75000
460w	66700/71300/69000
420w	60900/65100/63000

Beam	Options	Finish
Blank 90° / 75° / 55°	S1 SPD 10Kv (<80w)	Blank Bronze
B2 35° / 30° / 20°	S2 SPD 20Kv (all watts)	W White
(for 250w-500w)	48 277-480V	B Black
	3P 3Pin Base + Photocell	

Notes

- Lumen Tolerance = ± 10%
- Lumens / Beam 35° / 30° / 20°
3K = up to 150 lkw
4K = up to 160 lkw
5K = up to 155 lkw
- Beam Selectable:
20w-150w = 90° / 75° / 55°
250w-500w = 90° / 75° / 55°
35° / 30° / 20°
- LED Chips = Lumileds 2835
- Surge Protection:
20w/35w = L/N-PE: 2.5KV, L-N: 2.5KV
60w = L/N-PE: 6KV, L-N: 6KV
80w = L/N-PE: 6KV, L-N: 4KV
150w-500w = L/N-PE: 6KV, L-N: 6KV
- 10KV SPD included: 80w-500w
- Driver Brand:
20w=60w = HB
80w/150w = Lifud
250w/500w = Sosen
- BUG:
20w B2-U2-G0
35w B3-U0-G0
60w B3-U0-G1
80w B4-U0-G1
150w B5-U0-G1
250w-320w B5-U0-G3
420w B5-U0-G1(90°)
B5-U0-G2 (75°)
B5-U0-G3 (55°)
500w B5-U0-G2
- EPA:
20w= 0.3ft²
35w= 0.34ft²
60w= 0.5ft²
80w= 0.65ft²
150w= 0.8ft²
250w/320w= 1.6ft²
420w/500w= 2.48ft²
- Hours / lifetime:
20w-80w=120K @ <Tc 50°C
80w-150w=130K @ <Tc 65°C
250w-500w=120K @ <Tc 65°C
- Housing wall thickness: >1.4mm
- Glass / PC Lens: >0.9mm
- Paint thickness: 60-120µm
- Salt chamber test: 168 hours
- 20w-150w: with integrated photocell
- 3Pin Base + Photocell = 250w-500w only
- 277-480V = 80w-500w only
- Cable for 100-277V: UL certified, SJOW, Black color (Ø8x0.3MM), Black/white/green wire core, wire 3x0.824MM², 18AWG, 105°C, 300V (Standard wire is 1.2m, outside 1m)

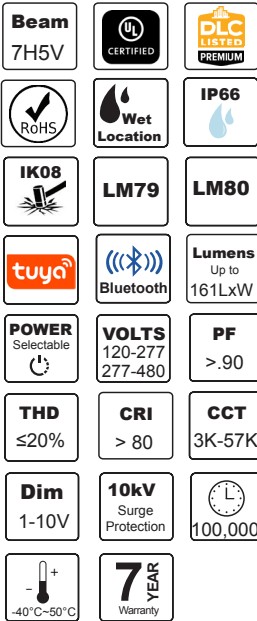
Packing information

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
20w	5	47 x 23.5 x 30	0.0331	5.8
35w	5	47 x 26 x 30	0.0366	7.8
60w	5	59.5 x 28 x 35.5	0.0591	11.8
80w	4	67 x 32.5 x 36	0.0783	15.6

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
150w	1	34.5 x 33 x 25	0.0284	5.7
250w-320w	1	49 x 43 x 29.5	0.0621	11.1
420w/500w	1	56 x 54 x 32.5	0.0982	17.4

PX Pro™

100w/120w/150w/200w/240w/300w
Power Selectable



The PX Pro™ Series luminaire introduces a new level of photometric performance; with an outstanding 160 lumens per watt, creates sites with excellent uniformity, greater pole spacing and lower power density and expected service life over 100,000 hours.

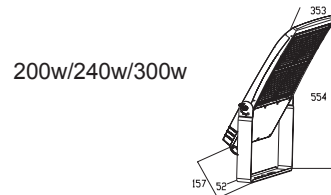
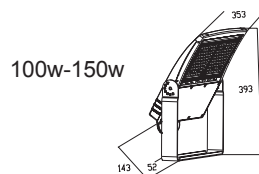
In streets, roads, parking and in general areas, the PX Pro™ replaces 150-1000W metal halide lights. The distribution is shaped to maximize efficiency and application spacing using the precision molded high efficiency optics with Lumileds® 2835 led chips. The nominal lumen packages range from 9,600 to 48,000 and are offered in beam 7H5V. With Americanlite® Power Selectable Technology™, you have more alternatives to meet the demands of your project.

The PX Pro™ luminaire delivers an innovative thermal management design that maximizes heat dissipation resulting in longer fixture and LED life. Housing and cast parts are finished in polyester powder coat paint, for superior protection against fade and wear; the standard finish is bronze. (White color available). The UL 1-10V dimming IP67 driver, with internal 6KV surge protection, (L-N:6KV, L-PE:6KV, L-N:4kV), is mounted to the fixture for optimal heat sinking and ease of maintenance. We have added an external 10KV SPD for maximum protection.

When it comes to installing and retrofitting site and area luminaires, time is money. The PX Pro™ is designed to reduce installation time and costs by being quick and simple to install. By including the optional MS and PIR Sensors, you can maximize your energy savings.

The designed optics from the PX Pro™ Series offer uniform illumination for parking lots, streets, paths, interior spaces of buildings, and security lighting applications. These stylish lights offer exceptional illumination, simple installation, and the Americanlite® reliability you've come to expect.

Dimensions (mm)



Ordering information

Item	Power Select	CCT	Lumens	CCT	Options
AL574381Y	100w/80w/60w	5000K	16000/12800/9600	Blank 5000K	MS Motion Sensor # HB01DMS
AL574382Y	150w/120w/100w	5000K	24000/19200/16000	57 5700K	PM PIR Sensor # HB02DPR
AL574383Y	200w/180w/150w	5000K	32000/28800/24000	4 4000K	W White Finish
AL574384Y	240w/200w/180w	5000K	38400/32000/28800	3 3000K	48 277-480V
AL574385Y	300w/240w/200w	5000K	48000/38400/32000		
Item	Single Power	CCT	Lumens		
AL574386Y	120w	5000K	19200		

Notes

- Lumen tolerance up to 10%
- Lumens based on 5000K
5700K = 161 lxw
5000K = 160 lxw
4000K = 158 lxw
3000K = 155 lxw
- EPA: 100 - 150w = 1.3ft²
200w - 300w = 2.1ft²
- Beam 7H5V = 150°x110°
- Surge Protection:
100w-200w: L/N-PE: 4kV, L-N: 4kV
240w: L/N-PE: 6kV, L-N: 6kV
300w: L/N-PE: 4kV, L-N: 4kV
- LED Chips = Lumileds 2835
- Driver Brand = 100w-300w Weled 240w Daermay
- Driver Brand 200-480V = Farhold
- LED Modules: 1 (100-150w), 2 (200-300w)
- 100K hours -Case Temperature 66°C
- Vibration Test GB/T 2423.10-2019, C136.31-2010 = 3G pass
- Cable foe 120-277V: UL certified, SJOW, Black color (Φ8±0.3MM), black/white/green wire core, wire 3×0.824MM2, 18AWG, 105°C, 300V (Standard wire is 1.2m, outside 1m)
- 120w not available with Power Select or in 200-480V
- Housing wall thickness: >2mm
- Salt chamber test: 400 hours

Packing information

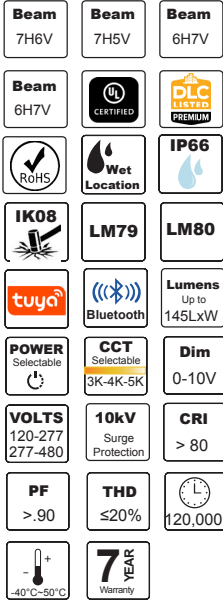
Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
100w-150w	1	56.5 x 38.5 x 15.5	0.0337	5.9
200w-300w	1	75 x 38.5 x 15.5	0.0447	8.5

G.W. will vary per master when ordering mounting brackets



PXS™

70w/100w/150w/200w/240w
300w/375w/480w
Power & CCT Selectable
Single Power/CCT



With an exceptional 145 lumens per watt, the PXS™ Series luminaire generates sites with superb uniformity, better pole spacing, reduced power density, and a projected service life of over 120,000 hours, introducing a new level of photometric performance.

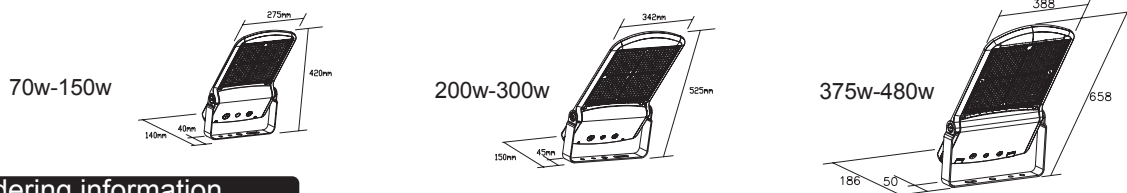
The PXS™ replaces 150-1000W metal halide lights in streets, roads, parking lots, and other areas. Using custom molded high efficiency optics and Lumileds® 2835 led chips, the distribution is designed to maximize efficiency and application spacing. The nominal lumen packages are available in various beam angles, 7H6V, 7H5V, 6H7V and range in lumen output from 4,725 to 64,800. You have more options with Americanlite® CCT+ Power Selectable Technology™ to satisfy the demands of your project.

PXS™ luminaire delivers an innovative thermal management design that maximizes heat dissipation resulting in longer fixture and LED life. Housing and cast parts are finished in polyester powder coat paint, for superior protection against fade and wear; the standard finish is bronze. (White color available). The UL 0-10V dimming IP67 driver, with internal 6KV surge protection, (L-N:6KV, L-PE:6KV, L-N: 4KV), is mounted to the fixture for optimal heat sinking and ease of maintenance. We have added an external 10KV SPD for maximum protection.

Time is money when it comes to installing and updating site and area luminaires. The PXS™ is quick and easy to install, which cuts down on installation time and expenses. You can increase the amount of energy you save by adding the optional MS and PIR Sensors.

The PXS™ Series' engineered optics provide uniform illumination for parking lots, streets, walkways, building interiors, and security lighting applications. These fashionable lights provide excellent illumination, easy installation, and the dependability you've come to expect from Americanlite®.

Dimensions (mm)



Ordering information

Power & CCT Selectable		Options	
Item	Power Select	CCT	Lumens
AL576323Y	70w/50w/35w	3K/4K/5K	9450/6750/4725
AL576324Y	100w/80w/60w	3K/4K/5K	13500/10800/8100
AL576325Y	150w/120w/80w	3K/4K/5K	20250/16200/10800
AL576326Y	200w/175w/150w	3K/4K/5K	27000/23625/20250
AL576327Y	240w/200w/150w	3K/4K/5K	32400/27000/20250
AL576328Y	300w/240w/200w	3K/4K/5K	40500/32400/27000
AL576397Y	375w/300w/240w	3K/4K/5K	50625/40500/32400
AL576398Y	480w/400w/300w	3K/4K/5K	64800/54000/40500

Single Power / CCT		Options	
Item	Power	CCT	Lumens
AL576524Y	70w	5000K	9660
AL576525Y	100w	5000K	13800
AL576526Y	150w	5000K	20700
AL576527Y	200w	5000K	27600
AL576528Y	240w	5000K	33120
AL576529Y	300w	5000K	41400
AL576530Y	375w	5000K	51750
AL576531Y	480w	5000K	66240

Notes

- Lumen tolerance up to 10%
- Lumens:
 - Power Select based on 5000K
 - 5000K = 135 lxw
 - 4000K = 145 lxw
 - 3000K = 130 lxw
 - Lumens: Single Power based 5K
 - 6500K = 141 lxw
 - 5700K = 140 lxw
 - 5000K = 138 lxw
 - 4000K = 135 lxw
 - 3000K = 133 lxw
- LED Chips = Lumileds 2835
- Photobase and Photocell are standard
- EPA: 70w-150w = 1.2ft²
200w-300w = 1.92ft²
375w-480w = 2.76ft²
- Surge Protection:
 - 70w-300w: L/N-PE: 6kV, L-N: 6kV
 - 200-480V: L/N-PE: 10kV, L-N: 6kV
- Driver Brand = 100w-300w Sosen
200-480V = Fahold
- For Pole 40-62mm
- 480w = Only 7H5V 150°x110°
- 120,000 hours < 65°C Case Temperature
- Vibration Test GB/T 2423.10-2019, C136.31-2010 = 3G pass
- Cable for 120-277V: UL certified, SJOW, Black color (Ø8±0.3MM), black/white/green wire core, wire 3×0.824MM2, 18AWG, 105°C, 300V (Standard wire is 1.2m, outside 1m)
- Housing wall thickness: >2mm
- Salt chamber test: 400 hours

Packing information

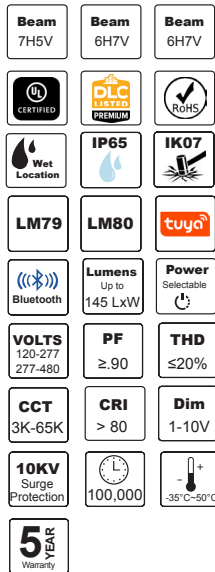
Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
70w-150w	1	59 x 31 x 14.8	0.0270	5.7
200w-300w	1	70 x 38 x 14.8	0.0390	7.3
375w-480w	1	91.5 x 46 x 16	0.0673	12

G.W. will vary per master when ordering mounting brackets



PXE™

100w/ 150w/200w/240w /300w
Single Power
Power Selectable



Americanlite® PXE™ Series LED area-site-roadway luminaire introduces a new level of performance, versatility and value in a low-profile design that delivers significant installation and energy savings greater than 70%. The PXE™ replaces 150-1500W metal halide fixtures in general area lighting applications.

Time is money when it comes to installing and retrofitting area and site luminaires. The PXE™ was engineered to make installation quick and easy; saving on both installation time and costs. The PXE™ luminaire delivers an innovative thermal management design that maximizes heat dissipation resulting in longer fixture and LED life. Housing and cast parts are finished in polyester powder coat paint, for superior protection against fade and wear; the standard finish is bronze (white and gray color available).

PXE™ high efficiency molded optics, with Lumileds® 2835 led chips, are designed to shape the distribution, maximizing efficiency and application spacing, available in Available in various beam angles, 7H5V (150°x110°), 6H7V (120°x135°), 6H7V (120°x140°) with lumen packages ranging from 14,500 to 43,500 nominal lumens. The UL 120-277V 0-10V dimming IP67 driver, with internal 6KV surge protection, (L-N-6kV, L-PE:6kV), is mounted to the fixture for optimal heat sinking and ease of maintenance. We have added an external 10KV SPD for maximum protection. Optional motion sensor & 20KV SPD are available for even more design flexibility for any building mount, street and roadway applications.

The PXE™ engineered optics provide uniform illumination to walkways, parking lots, roadways, building areas and security lighting applications. Able to replace HID fixtures the PXE™ is designed to meet the toughest lighting challenges.

Dimensions (mm)



Ordering information

Single Power

Model	Power	Lumens
AL675365Y	100w	14500
AL675366Y	150w	21750
AL675367Y	200w	29000
AL675368Y	240w	34800
AL675369Y	300w	43500

CCT	Beam
Blank 5000K	Blank T5 6H7V 120°x140°
6 6500K	T4 6H7V 120°x135°
5 5700K	T3 7H5V 150°x110°
4 4000K	
3 3000K	

Power Selectable

Model	Power	Lumens
AL675377Y	100w/80w/60w	14500/11600/8700
AL675378Y	150w/130w/100w	21750/18850/14500
AL675379Y	200w/180w/150w	29000/26100/21750
AL675380Y	240w/200w/180w	34800/29000/26100
AL675381Y	300w/240w/200w	43500/24800/29000

Housing	Options
Blank Bronze	S2 SPD 20KV
G Gray	MS Microwave Sensor (# HB01DMS-A)
W White	RC Remote control (HB03R)
	LS Light Shield
	48 277-480V
	BT Bluetooth MW Sensor = HB03DMS-A

Notes

- Lumens based on 5000K
3K = 135 lxw
4K/5K/57K/65K = 145 lxw
6500K = No DLC
- Lumen tolerance up to 10%
- Driver Brand:
120V-277V = HBE non-isolated driver
277V-480V = Fahold non-isolated driver
- Dimming:
120V-277V = 1-10V
277V-480V = 0-10V
- EPA:
100w-200w= 1ft²
240w-300w= 1.8²
- 100K hours Case Temperature <75°C
- 3 Pin Photobase and Photocell are standard
- Housing wall thickness: >1.5mm
- PC Lens thickness: 8mm
- Paint Color:
Bronze = RAL8019
Gray = RAL7004
White = RAL9010
- LED Chips:
Lumileds® 2835
Total # LED Chips=
100w: 162 pcs
150w: 212 pcs
200w: 265pcs
240w: 318 pcs
300w: 424 pcs
- BUG:
100w = B3-U3-G3
150w = B4-U3-G2
200w-300w = B4-U3-G4
- Cable for 120-277V:
120-277V = UL certified, SJOW, Black color (Φ8±0.3MM), black/white/green wire core, wire 3×0.824MM2, 18AWG, 105°C, 300V (Standard wire is 1.2m, outside 1m)
- Salt chamber test: 168 hours
- LED Modules:
1 = (100w-200w)
2 = (240w-300w)
- SPD Part #:
10KV = ZYS-P10A
20KV = ZYS-P20A
- Fixture Pass:
IK07 = IEC 62262
IP65 = IEC 60529
SPD = IEC 61643 11
Class type = Complies UL class 1 with grounded
Salt Spray Test:
IEC60068-2-11:2021,
ISO9227:2022

Packing information

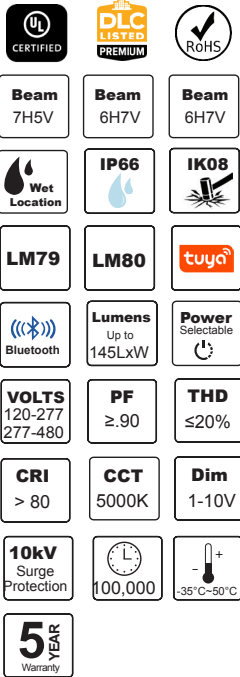
Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
100w-200w	1	51.5 x 32 x 14.3	0.0235	5.3
240w-300w	1	70 x 39.5 x 14.3	0.0395	6.5



PX4™

100w/150w/200w/240w/300w/450w

Single Power
Power Select



Americanlite® PX4™ Series LED area/site luminaire introduces a new level of performance, versatility and value in a low-profile design that delivers significant installation and energy savings greater than 70%.

The PX4™ replaces 150-1000W metal halide fixtures in general area lighting applications. The PX4™ luminaire delivers an innovative thermal management design that maximizes heat dissipation resulting in longer fixture and LED life. Housing and cast parts are finished in polyester powder coat paint, for superior protection against fade and wear; the standard finish is bronze. (white color available). The UL 120-277v 1-10V dimming IP67 driver, with internal 6KV surge protection, (L-N:6KV, L-PE:6KV, L-N: 4kV), is mounted to the fixture for optimal heat sinking and ease of maintenance. We have added an external 10KV SPD for maximum protection.

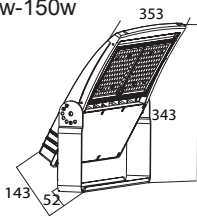
The precision molded high efficiency optics, with Lumileds® 2835 led chips, are designed to shape the distribution, maximizing efficiency and application spacing. Available in various beam angles, 7H5V, 6H7V with lumen packages ranging from 13,500 to 63,900 nominal lumens.

Time is money when it comes to installing and retrofitting area and site luminaires. The PX4™ was engineered to make installation quick and easy, saving on both installation time and costs.

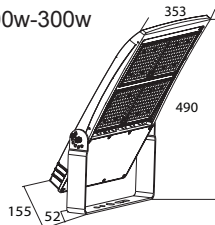
The PX4™ engineered optics provide uniform illumination to walkways, parking lots, roadways, building areas and security lighting applications. Able to replace HID fixtures the PX4™ is designed to meet the toughest lighting challenges.

Dimensions (mm)

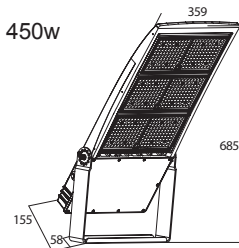
100w-150w



200w-300w



450w



Ordering information

Single Power

Model	Power	Lumens
AL675260Y	100w	13500
AL675261Y	150w	20250
AL675262Y	200w	27000
AL675263Y	240w	32400
AL675264Y	300w	40500
AL675265Y	450w	60750

Power Selectable

Model	Power Select	Lumens
AL675284Y	100w/80w/60w	14200/11360/8520
AL675285Y	100w/90w/80w	14200/12780/11360
AL675286Y	150w/120w/100w	21300/17040/14200
AL675287Y	200w/180w/150w	28400/25560/21300
AL675288Y	240w/200w/180w	34080/28400/25560
AL675289Y	300w/240w/200w	42600/34080/28400
AL675290Y	450w/400w/380w	63900/56800/53960

CCT	Options
Blank 5000K	BlankT5 6H7V 120°x140°
5 5700K	T4 6H7V 120°x135°
4 4000K	T3 7H5V 150° x110°
3 3000K	48 277-480V
	BT Bluetooth MW Sensor= HB03DMS-A

Notes

- Single Power LM based on 5000K 5700K = 140 lxw 5000K = 135 lxw 4000K = 134 lxw 3000K = 130 lxw
- Lumen tolerance up to 5-7%
- Power Select LM based on 5000K 5700K = 145 lxw 5000K = 142 lxw 4000K = 140 lxw 3000K = 137 lxw
- Lumen tolerance up to 5-7%
- BUG 100w = B3-U3-G3 150w = B4-U3-G2 200w = B4-U3-G4 240w = B4-U3-G4 300w = B4-U3-G4 450w = B5-U5-G5
- EPA: 100-150w = 1.3ft² 200w-300w = 2.1ft²
- Driver brand: 100w//200w =Sosen 150/300w=Becky 240w=HBE 450w=Lifud
- Cable for 120-277V : UL certified, SJOW, Black color (Φ8±0.3MM), Black/white/green wire core, wire 3×0.824MM2, 18AWG, 105°C, 300V (Standard wire is 1.2m, outside 1m)
- L80 @ 100,000 hrs, 25°C
- Vibration Test GB/T 2423.10-2019, C136.31-2010 = 3G pass
- Housing wall thickness: >2mm
- Salt chamber test: 400 hours

Packing information

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
100w/150w	1	49.5 x 39.5 x 17	0.0332	5.35
200w/240w/300w	1	66.5 x 39.5 x 17	0.0446	8.01
450w	1	90.5 x 39.5 x 16.3	0.0582	12.7

100w/150w/200w
240w/300w/400w/500w
Power & CCT Selectable



The Americanlite PX5™ Series LED Floodlight is engineered to deliver high-performance illumination with enhanced flexibility and reliable operation for demanding outdoor applications. Featuring integrated power and CCT selectable technology, the PX5™ provides multiple lumen outputs and color temperature options within a single fixture, enabling precise adaptation to project requirements while reducing inventory complexity and installation costs.

With system efficacy up to 165 lm/W, the PX5™ delivers efficient energy performance with consistent light output and uniform illumination. An optimized thermal management system maintains stable operating temperatures and supports a projected service life of up to 120,000 hours, ensuring long-term reliability.

The luminaire is constructed with a robust die-cast aluminum housing with wall thickness greater than 2 mm, combined with a durable polycarbonate optical lens. Rated IP66 and IK09, the PX5™ is designed for reliable performance in harsh outdoor environments. A high-quality polyester powder coating provides additional protection against corrosion, UV exposure, and environmental wear. The fixture is also equipped with an integrated pressure equalization vent (breather) to balance internal air pressure, minimize condensation, and maintain long-term sealing performance.

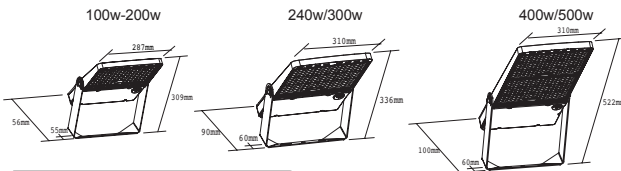
The electrical system incorporates a high-performance LED driver with input voltage options of 100–277V or 200–480V, power factor >0.90, and total harmonic distortion ≤20%, ensuring stable operation across varying grid conditions. Standard 0–10V dimming allows flexible control, while an integrated 10kV Surge Protection Device (SPD) enhances protection against voltage transients.

The PX5™ Series offers multiple optical distributions to suit various applications. The 60° symmetric distribution provides controlled illumination for façade lighting and medium throw applications. The 130° × 60° asymmetric distribution delivers wide horizontal coverage for parking, perimeter, and general area lighting. The 120° × 90° asymmetric distribution provides balanced coverage for area lighting, signage, and applications requiring uniform illumination.

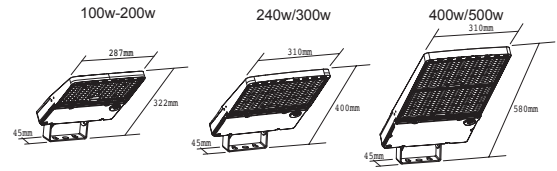
The PX5™ Series is suitable for building façades, parking areas, industrial sites, sports facilities, signage, and general outdoor lighting, delivering a reliable and energy-efficient solution with reduced maintenance requirements.

Dimensions (mm)

Yoke Bracket



Trunnion Bracket



Ordering information

3K/4K/5K

Item	Power Select	Optics	Lumens
AL675660	100w/80w/65w/50w	60°	16000/12800/10400/8000
AL675661	150w/120w/100w/80w	60°	24000/19200/16000/12800
AL675662	200w/150w/120w/100w	60°	32000/24000/19200/16000
AL675663	240w/200w/150w/120w	60°	38400/35000/24000/19200
AL675664	300w/240w/200w/150w	60°	48000/38400/32000/24000
AL675665	400w/300w/240w/200w	60°	64000/48000/38400/32000
AL675666	500w/400w/300w/240w	60°	80000/64000/48000/38400

Item	Power Select	Optics	Lumens
AL675667	100w/80w/65w/50w	130°x60°	16000/12800/10400/8000
AL675668	150w/120w/100w/80w	130°x60°	24000/19200/16000/12800
AL675669	200w/150w/120w/100w	130°x60°	32000/24000/19200/16000
AL675670	240w/200w/150w/120w	130°x60°	38400/35000/24000/19200
AL675671	300w/240w/200w/150w	130°x60°	48000/38400/32000/24000
AL675672	400w/300w/240w/200w	130°x60°	64000/48000/38400/32000
AL675673	500w/400w/300w/240w	130°x60°	80000/64000/48000/38400

Item	Power Select	Optics	Lumens
AL675674	100w/80w/65w/50w	120°x90°	16000/12800/10400/8000
AL675675	150w/120w/100w/80w	120°x90°	24000/19200/16000/12800
AL675676	200w/150w/120w/100w	120°x90°	32000/24000/19200/16000

4K/5K/57K

Item	Power Select	Optics	Lumens
AL675677	100w/80w/65w/50w	60°	16000/12800/10400/8000
AL675678	150w/120w/100w/80w	60°	24000/19200/16000/12800
AL675679	200w/150w/120w/100w	60°	32000/24000/19200/16000
AL675680	240w/200w/150w/120w	60°	38400/35000/24000/19200
AL675681	300w/240w/200w/150w	60°	48000/38400/32000/24000
AL675682	400w/300w/240w/200w	60°	64000/48000/38400/32000
AL675683	500w/400w/300w/240w	60°	80000/64000/48000/38400

Item	Power Select	Optics	Lumens
AL675684	100w/80w/65w/50w	130°x60°	16000/12800/10400/8000
AL675685	150w/120w/100w/80w	130°x60°	24000/19200/16000/12800
AL675686	200w/150w/120w/100w	130°x60°	32000/24000/19200/16000
AL675687	240w/200w/150w/120w	130°x60°	38400/35000/24000/19200
AL675688	300w/240w/200w/150w	130°x60°	48000/38400/32000/24000
AL675689	400w/300w/240w/200w	130°x60°	64000/48000/38400/32000
AL675690	500w/400w/300w/240w	130°x60°	80000/64000/48000/38400

Item	Power Select	Optics	Lumens
AL675691	100w/80w/65w/50w	120°x90°	16000/12800/10400/8000
AL675692	150w/120w/100w/80w	120°x90°	24000/19200/16000/12800
AL675693	200w/150w/120w/100w	120°x90°	32000/24000/19200/16000

Brackets

- Y Yoke
- T Trunnion

Options

- Blank 3P Base and Photocell
- PB 3P Photobase
- WP No Base / no photocell
- 7B 7 Pin Base
- P Internal photocell
- S2 20kV SPD
- MS Motion Sensor
- RC Remote Control
- 48 200-480V

Housing

- Blank Bronze
- B Black

Notes

- Power & CCT Selectable 3K/4K/5K: Lumens based on 4000K
5000K = 145 lw
4000K = 165 lw
3000K = 145 lw
- Power & CCT Selectable 4K/5K/57K: Lumens based on 5000K
4000K = 150 lw
5000K = 165 lw
5700K = 150 lw
- Lumen tolerance up to 10%
- LED Chips: Lumileds® 2835R
Total # LED Chips
100w: 224 pcs
150w: 336 pcs
200w: 448 pcs
240w: 560 pcs
300w: 672 pcs
400w: 996 pcs
500w: 1120 pcs
- Housing wall thickness: >2mm
- PC Lens thickness: >2mm
- Paint Color:
Bronze = RAL7022
Black = RAL9017
- EPA:
100w/200w = 1.13 ft²
240w/300w = 1.64 ft²
400w/500w = 2.68 ft²
- Cable: 120-277V = UL certified, SJOW, Black color (Ø7.8±0.2MM), black/white/green wire core, wire 3*18AWG (0.824 MM2)
105°C, 300V (Standard wire is 0.7-0.8m, outside 0.5m)
- Dimming Cable:
20-277V = UL certified, SJOW, Black color (Ø7.4±0.2MM), Purple/Pink wire core, wire 3*0.82418AWG(0.824 MM2)
- Driver Brand:
100-277V = Sosen
200-480V = Done
Surge protection:
CM: 6kV, DM: 6kV
Driver class = P
- MTBF: 200,000 Hours
- Class type = Complies UL 1210 Standard / class with grounded
- 120K hours -Case Temp. <-65°C
- Motion Sensor:
Brand = Sharkward Part # BR1820
- Remote Control = Part # RC-100
- Internal Photocell Brand = Lifud
- Arm compartment: 40-60mm
- Universal Mount: 4 in 1
Slipfitter, Square Pole, Round Pole
Wall Mount
- Optical Distributions:
60° symmetric
130° x 60° (H x V) asymmetric
120° x 90° (H x V) asymmetric
- Fixture Complies:
UL 1598
IEC 60598-1
IEC 60598-2-3
IEC 62031
IEC 62321-3-1
IEC TR 62778
IP66 = IEC 60529
IK09 = IEC 62262:2002+AMD1:2021
Salt chamber: 500 hours
Vibration = ANSI C136.31 2018
SPD = UL1449 and IEEE62.41.2 C

Packing information

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
100w-200w	1	44 x 34.5 x 12	0.0182	4
240w/300w	1	55 x 37 x 12	0.0244	4.9
400w/500w	1	84.5 x 40 x 12.5	0.0422	8.7



Warranty

Americanlite® is pleased to provide a 5 year limited warranty covering the LED fixtures on this catalogue. Americanlite® warrants that the LED fixtures comply with Americanlite®'s published specifications and are free from defects in materials and workmanship.

All our equipment is CE, ETL or UL approved and manufactured with approved components. Americanlite® reserves the right to change or improve the design or components of any of its products due to parts availability or changes in standards, without assuming any obligation to modify any product previously manufactured and without notice. All equipment is tested and inspected before shipment.

This warranty is void if the product is operated outside of its normal operating conditions. The foregoing warranty does not apply to failures caused by acts of God or as a result of any abuse, misuse, abnormal use, or use in violation of any applicable standard, code or instructions for use in installations, including, but not limited to, those contained in the Standards for the International Electrotechnical Commission. Americanlite® reserves and has the right to examine failed fixtures to determine the cause of failure, excessive lumen depreciation and patterns of usage.