



## UL Floodlite™ Series

**americanlite**®

**We light your world™**



**LED**®



Yoke Bracket

Knuckle Bracket

**CX™**

15w/30w/50w/80w

Single CCT  
CCT & Power Selectable



**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  
Photocell

**Dim**  
0-10V

**2.5kV**  
Surge  
Protection

**50,000**

**50,000**

**-30°C-45°C**

**5 YEAR**  
Warranty

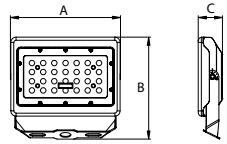
Time is money when it comes to installing and retrofitting area and site luminaires. Americanlite® CX™ Series was engineered to make installation quick and easy, saving on both installation time and costs. CX™ Series LED Flood introduces a new level of performance, versatility and value in a low-profile 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 intergrated DC Photocell one of the most complete products on the market.

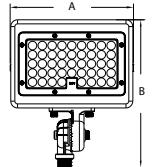
Designed to meet the toughest lighting challenges Americanlite® CX™ Series provide uniform illumination to walkways, landscape, parking lots, roadways, building areas and security lighting applications.

## 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

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

### CCT & Power Selectable

Power	CCT	Lumens	AL575274 30w	AL575275 50w	AL575276 80w	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 ft<sup>2</sup>  
30w/50w/80w = 0.42 ft<sup>2</sup>
- Driver: 15w = HBE # MR-FL06F015  
30w = HBE # HB-FL19F035  
50w = HBE # HB-FL19F050  
80w = HBE # HB-FL19F080
- Beam 7H7V = 145°x145°
- Housing wall thickness: >1.2mm
- Salt chamber test: 168 hours
- Integrated DC photocell for 30w and higher

- Cable:  
UL certified, SJOW,  
(Φ7.8±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


**SX™**
**15w/35w/55w/80w/100w**
**CCT Selectable**

		
<b>Beam</b> 7H7V	<b>IP65</b>	<b>IK07</b>
<b>LM79</b>	<b>LM80</b>	<b>VOLTS</b> 120-277
<b>Lumens</b> Up to 140LxW	<b>SDCM</b> <7	<b>BUG</b> See Notes
<b>PF</b> ≥.90	<b>THD</b> ≤20%	<b>CRI</b> >80
<b>CCT</b> Selectable 3K-4K-5K	<b>Dim</b> 0-10V	<b>Up to</b> <b>4kV</b> Surge Protect-
 100,000	 -40°C~50 °C	 5 YEAR

Americanlite® SX™ Series LED Flood introduces a new level of performance, versatility and value in a "Spec Grade" design that delivers significant installation and energy savings greater than 70%. The SX™ Series luminaire replaces 50w-250w metal halide fixtures in outdoor area lighting applications.

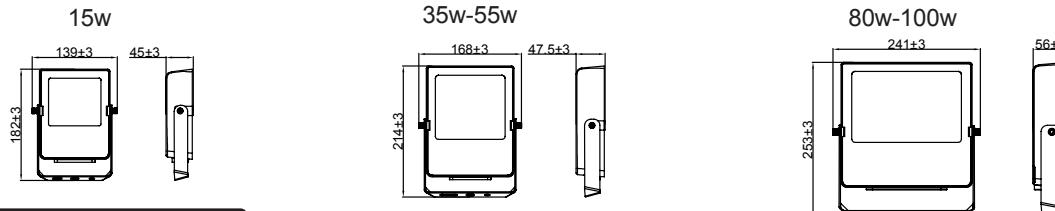
Americanlite® SX™ Series luminaire delivers an innovative thermal management design that maximizes heat dissipation resulting in longer fixture and LED life. We have incorporated CCT Selectable as standard feature to make SX™ Series one of the most complete led floodlights on the market.

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 with Lumileds® 2835 led chips, are designed to shape the distribution, maximizing efficiency and application spacing. SX™ Series lumen packages ranging from 1,800 to 14,000 nominal lumens, state of the art UL IP67 driver 0-10V dimming, with surge protection up to 4KV.

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

Americanlite® SX™ Series engineered optics provide uniform illumination to walkways, landscape, parking lots, roadways, building areas and security lighting applications. Able to replace all HID fixtures, the SX™ Series is designed to meet the toughest lighting challenges.

### Dimensions (mm)



### Ordering information

Item	Power	CCT	Lumens
AL674589	15w	3K/4K/5K	1875 / 2100 / 1950
AL674590	35w	3K/4K/5K	4375 / 4900 / 4550
AL674591	55w	3K/4K/5K	6875 / 7700 / 7150
AL674592	80w	3K/4K/5K	10000 / 11200 / 10400
AL674593	100w	3K/4K/5K	12500 / 14000 / 13000

### Notes

- Lumen Tolerance = ± 10%
- Lumens / CCT:  
3000K = 125lxw  
4000K = 140lxw  
5000K = 130lxw
- Beam 7H7V = 145°x145°
- Surge Protection 120V-277V:  
15w = L/N-PE: 2kV, L-N: 2kV  
35w = L/N-PE: 4kV, L-N: 4kV  
55w = L/N-PE: 2.5kV, L-N: 2.5kV  
80w-100w = L/N-PE: 4kV, L-N: 4kV
- EPA: 15w = 0.28ft<sup>2</sup>  
35w / 55w = 0.42ft<sup>2</sup>  
80w / 100w = 0.56ft<sup>2</sup>
- BUG:  
15w B1-U0-G0  
35w B2-U0-G0  
55w B2-U0-G1  
80w B3-U0-G1  
100w B3-U0-G1
- Working Temp:  
15w-55w = -40°C~50 °C  
80w-100w = -37°C~50 °C
- Driver Brand: 15w-55w HBE  
80w-100w Becky
- Housing wall thickness: >1.2mm
- Salt chamber test: 168 hours
- Cable for 120-277V:  
UL certified, SJOW,  
Black color (Φ8±0.3MM),  
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)
15w	10	36.7 x 33 x 32.2	0.0389	11.3
35w / 55w	10	43.3 x 34.5 x 35.8	0.0534	14.62 / 16.3
80w / 100w	2	46.5 x 29.5 x 21	0.0288	7.8 / 8



<b>Beam</b> 7H6V	<b>IP65</b>	<b>IK07</b>
<b>LM79</b>	<b>LM80</b>	<b>Lumens</b> Up to 139LxW
<b>VOLTS</b> 120-277	<b>PF</b> ≥.90	<b>THD</b> ≤20%
<b>CRI</b> >80	<b>CCT</b> Selectable 3K-4K-5K	<b>CCT</b> 3K-57K
<b>Power</b> Selectable 	<b>Dim</b> 0-10V	<b>6kV</b> Surge Protection
<b>5</b> YEAR Warranty	100,000	-30°C-50°C

**NX™**

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

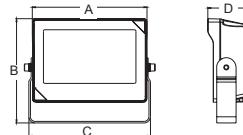
Time is money when it comes to installing and retrofitting area and site luminaires. Americanlite® NX™ Series was engineered to make installation quick and easy, saving on both installation time and costs. NX™ Series LED Flood introduces a new level of performance, versatility and value in a low-profile 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
AL675216	25w	5000K	3475	AL675220	100w	5000K	13900	5	5700K	Blank Bronze
AL675217	35w	5000K	4865	AL675221	120w	5000K	16680	4	4000K	W White
AL675218	60w	5000K	8340	AL675222	150w	5000K	20850	3	3000K	B Black

### 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	
Power	CCT	Lumens	Power	CCT	Lumens	Power	CCT	Lumens	Power	CCT
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
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
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
									S1	SPD 10kV
									Blank	Bronze
									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 = Beckly
- Lumen & Power Tolerance = ± 10%
- Lumens x single CCT based on 5000K:
  - 3000K = 132 lwm
  - 4000K-5700K = 139 lwm
- Beam: 7H6V = 115x100°
- Glass Lens
- EPA:
  - 15w/25w = 0.18 ft<sup>2</sup>
  - 35w = 0.27 ft<sup>2</sup>
  - 60w/80w = 0.42 ft<sup>2</sup>
  - 100w-150w = 0.6 ft<sup>2</sup>
- 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 (Φ8x0.3MM), Black/white/green wire core, wire 3x0.824MM2, 18AWG, 105°C, 300V (Standard wire is 1.2m, outside 1m)

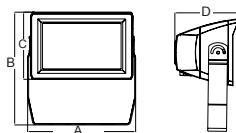
## Packing information

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
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



Beam 7H7V	Beam 7H6V	Beam 6H6V
Beam 5H5V	IP65	IK07
LM79	LM80	Lumens Up to 155Lx/W
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

## 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	Blank	7H7V (15w-100w)	S2	Blank	Bronze	
AL675232	30w	5000K	4500	AL675238	200w	5000K	30000	5	7	7H6V (150w, 200w-300w)	S3B	3 Pin Photobase*	W	White
AL675233	60w	5000K	9000	AL675239	240w	5000K	36000	4	6	6H6V (150w, 200w-300w)	S7B	7 Pin Photobase*	B	Black
AL675234	80w	5000K	12000	AL675240	300w	5000K	45000	3	5	5H5V (200w-300w)	S48	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	28000/31000/30000

Dist. Type	Options	Finish
Blank	7H7V (15w-100w)	S2
7	7H6V (150w, 200w-300w)	S3B
6	6H6V (150w, 200w-300w)	S7B
5	5H5V (200w-300w)	S48

## Notes

- LED Chips = Lumileds 2835
- Driver Brand: 15w-60w = HBE  
80w-300w = Lifud
- 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
- 100K hours- Case T @ 70°C  
10KV SPD included: 80w-300w
- Lumen & Power Tolerance ± 10%
- 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
- Cable for 100-277V: UL certified, SJOW, Black color (Φ8±0.3MM), Black/white/green wire core, wire 3x0.824MM2, 18AWG, 105°C, 300V (Standard wire is 1.2m, outside 1m)
- Salt chamber test: 72 hours
- Paint thickness: 60-80μm

## 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



150w-500w

20w-80w

## UX™

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

IP65	IK06	LM79
LM80	SDCM <7	BUG See Notes
Power Selectable	Beam Selectable	CCT Selectable 3K-4K-5K
Lumens Up to 160LxW	Dim 0-10V	Up to 10kV Surge Protection
VOLTS 120-277	THD ≤20%	PF ≥.90
	CRI >80	Up to 130,000
-40°C~50°C	5 YEAR Warranty	

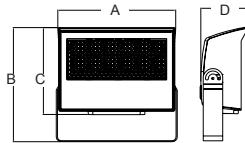
Americanlite® UX™ Series LED Flood introduces a new level of performance, versatility and value in an Industrial Grade design that delivers significant installation and energy savings. The innovative thermal management design maximizes heat dissipation resulting in longer fixture and LED life. We have 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

#### AL775209 500w

Power	Lumens @ 3K/4K/5K
500w	72500/77500/75000
460w	66700/71300/69000
420w	60900/65100/63000

#### AL775209 500w

Power	Lumens @ 3K/4K/5K
500w	72500/77500/75000
460w	66700/71300/69000
420w	60900/65100/63000

#### AL775209 500w

Power	Lumens @ 3K/4K/5K
500w	72500/77500/75000
460w	66700/71300/69000
420w	60900/65100/63000

#### AL775209 500w

Power	Lumens @ 3K/4K/5K
500w	72500/77500/75000
460w	66700/71300/69000
420w	60900/65100/63000

#### AL775209 500w

Power	Lumens @ 3K/4K/5K
500w	72500/77500/75000
460w	66700/71300/69000
420w	60900/65100/63000

#### AL775209 500w

Power	Lumens @ 3K/4K/5K
500w	72500/77500/75000
460w	66700/71300/69000
420w	60900/65100/63000

#### AL775209 500w

Power	Lumens @ 3K/4K/5K
500w	72500/77500/75000
460w	66700/71300/69000
420w	60900/65100/63000

#### AL775209 500w

Power	Lumens @ 3K/4K/5K
500w	72500/77500/75000
460w	66700/71300/69000
420w	60900/65100/63000

#### AL775209 500w

Power	Lumens @ 3K/4K/5K
500w	72500/77500/75000
460w	66700/71300/69000
420w	60900/65100/63000

#### AL775209 500w

Power	Lumens @ 3K/4K/5K
500w	72500/77500/75000
460w	66700/71300/69000
420w	60900/65100/63000

#### AL775209 500w

Power	Lumens @ 3K/4K/5K
500w	72500/77500/75000
460w	66700/71300/69000
420w	60900/65100/63000

#### AL775209 500w

Power	Lumens @ 3K/4K/5K
500w	72500/77500/75000
460w	66700/71300/69000
420w	60900/65100/63000

#### AL775209 500w

Power	Lumens @ 3K/4K/5K




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**TX™**

15w/25w/35w/60w/80w/105w/140w  
205w/255w/290w/330w/450w

## CCT Selectable



Beam 7H7V	Beam 7H6V	<b>IP65</b>
<b>IK08</b>	<b>LM79</b>	<b>LM80</b>
<b>Lumens</b> Up to 145LxW	<b>VOLTS</b> 120-277	<b>PF</b> ≥.90
<b>THD</b> ≤20%	<b>CRI</b> ≥80	<b>CCT</b> Selectable 3K-4K-5K
<b>Dim</b> 0-10V	<b>Up to</b> <b>10kV</b> Surge Protection	<b>SDCM</b> <7
<b>BUG</b> B4-U0-G1	 100,000	 -40°C~45°C
<b>5</b> <b>YEAR</b>		

Americanlite® TX™ Series LED Flood introduces a new level of performance, versatility and value in a “Spec Grade” design that delivers significant installation and energy savings greater than 70%. The TX™ Series Luminaire replaces 50w-1500w metal halide fixtures in outdoor area lighting applications.

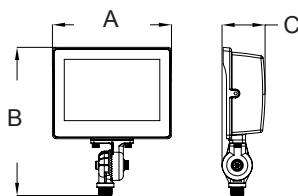
Americanlite® TX™ Series luminaire delivers an innovative thermal management design that maximizes heat dissipation resulting in longer fixture and LED life. Housing and cast parts are finished in polyester powder coat paint, for superior protection against fade and wear; the standard finish is bronze. The precision molded high efficiency optics, with Bridgelux® led chips, are designed to shape the beam distribution 7H7V or 7H6V, maximizing efficiency and application spacing. TX™ Series lumen packages ranging from 1,950 to 63,000 nominal lumens, UL 120-277V, 0-10V dimming, IP67 driver with surge protection up to 10KV.

Americanlite® TX™ Series offers the widest range of options to match any requirement. We have incorporated CCT Selectable (except 450w) as standard feature, and also offer optional photocell (15w-60w standard feature), external SPD 10KV, Motion and PIR Sensors, 277V-480V, just to make TX™ Series one of the most complete led floodlights on the market.

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

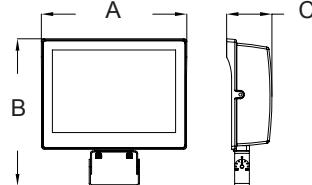
Americanlite® TX™ Series engineered optics provide uniform illumination to walkways, landscape, parking lots, roadways, building areas and security lighting applications. Able to replace all HID fixtures the TX™ Series is designed to meet the toughest lighting challenges.

### Dimensions (mm)



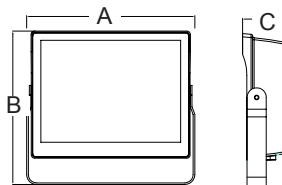
## Knuckle Bracket

Model	A	B	C
15w-35w	188	234	68



## Trunnion Bracket

Model	A	B	C
60w-80w	246	249	77



## Yoke Bracket

Model	A	B	C
105w/140w	305.8	279.2	89
205w/255w	370	383	90
290w/330w	432	415	97
450w	558	455	97

**Ordering information**

Item	Power	CCT	Lumens	Brackets
AL674575	15w	3K/4K/5K	1950 / 2175 / 2100	<b>K</b> Knuckle (15w-35w)
AL674576	25w	3K/4K/5K	3250 / 3625 / 3500	<b>T</b> Trunnion (60w-80w)
AL674577	35w	3K/4K/5K	4550 / 5075 / 4900	<b>Y</b> Yoke (105w-450w)
AL674578	60w	3K/4K/5K	7800 / 8700 / 8400	<b>S</b> Slipfitter (105w-450w)
AL674579	80w	3K/4K/5K	10400 / 11200 / 10800	
AL674580	105w	3K/4K/5K	13650 / 14700 / 14175	
AL674581	140w	3K/4K/5K	18200 / 20300 / 19600	
AL674582	205w	3K/4K/5K	26650 / 29725 / 28700	
AL674583	255w	3K/4K/5K	33150 / 36975 / 35700	
AL674584	290w	3K/4K/5K	37700 / 42050 / 40600	
AL674585	330w	3K/4K/5K	42900 / 47850 / 46200	
<b>Single CCT</b>				
AL674586	450w	3000K	58500	
AL674587	450w	4000K	65250	
AL674588	450w	5000K	63000	

**Notes**

- IK:15w-140w = IK07  
205w-450w = IK08
- Lens:15w-140w = Glass  
205w-450w = PC Optics
- Lumen Tolerance =  $\pm 10\%$
- Lumens / CCT  
3000K = 130lxw  
4000K = 145lxw  
5000K = 140lxw
- 450w = Single CCT
- Beam angle:  
15w-140w (Glass)=7H7V=145°x145°  
205w-450w (PC Cover)=7H6V=140°x120°
- LED Chips:  
Bridgelux 2835 LED Chips 15w-140w  
Bridgelux 3030 LED Chips 205w-450w
- CRI:  
120-277V: 15w-140w = >80  
205w-450w = >70  
277-480V: 140w = >80  
205w-450w = >70
- Surge Protection 120V-277V:  
15w-60w = L/N-PE: 2.5kV, L-N: 2.5kV  
80w-140w = L/N-PE: 4kV, L-N: 4kV  
205w-450w = L/N-PE: 10kV, L-N: 6kV
- Surge Protection 277V-480V:  
140w = L/N-PE: 4kV, L-N: 4kV  
205w-330w = L/N-PE: 10kV, L-N: 6kV  
450w = L/N-PE: 6kV, L-N: 6kV
- Working Temp:  
15w-60w = -30°C~45 °C  
80w-450w = -40°C~45 °C
- Cable for 120-277V:  
UL certified, SJOW, Black color  
(Φ8±0.3MM), Black/white/green wire  
core, wire 3x0.824MM2, 18AWG, 105°C,  
300V (Standard wire is 1.2m, outside 1m)
- Driver Brand 120V-277V:  
15w-60w HBE  
80w-105w Becky  
140w Weled  
205w-450w Sosen
- Driver Brand 277V-480V:  
140w / 450w Fahold  
205w-330w Sosen
- Dimming (120-277V):  
15w-140w, 290w, 330w=0-10V  
205w/255w/450w=1-10V  
Dimming (277-480V)=0-10V
- EPA:  
15w-35w 0.43ft<sup>2</sup>  
60w-80w 0.68ft<sup>2</sup>  
135w-255w 1.35ft<sup>2</sup>  
290w-330w 2.50ft<sup>2</sup>  
450w 2.60ft<sup>2</sup>
- Housing wall thickness: >1.2mm
- Salt chamber test: 168 hours

**Packing information**

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
15w-35w (Knuckle)	5	45.5 x 26 x 33.5	0.0396	6.6
60w-80w (Trunnion)	5	51 x 33 x 40.5	0.0681	11.1
105w/140w (Yoke)	1	47.5 x 35.5 x 12	0.0202	4.46
205w/255w (Yoke)	1	60.5 x 45.5 x 15.5	0.0426	8.2
290w/330w (Yoke)	1	63 x 51.5 x 15	0.0486	9
450 (Yoke)	1	66 x 64 x 16	0.0675	11.4


**RX™**
**15w/30w/50w/70w/90w  
150w/200w/240w/300w**
**Single CCT  
CCT Selectable  
CCT & Power Selectable**


Beam 30°	Beam 60°	Beam 7H7V
Beam 7H6V	IP65	IK08
LM79	LM80	Lumens Up to 145LxW
VOLTS 120-277	PF ≥.90	THD ≤20%
CRI ≥70	CCT 3K-5K	CCT Selectable 3K-4K-5K
Power Selectable 100,000	Dim 1-10V	6kV Surge Protector
		5 YEAR Warranty

Americanlite® RX™ Series LED Flood 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 RX™ Luminaire replaces 50w-1500w metal halide fixtures in outdoor area lighting applications.

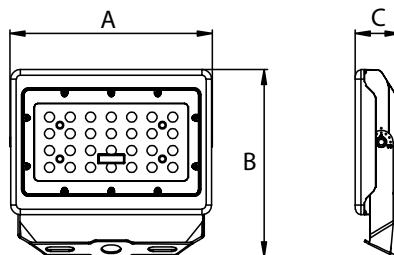
Americanlite® RX™ Series luminaire delivers an innovative thermal management design that maximizes heat dissipation resulting in longer fixture and LED life. Housing and cast parts are finished in polyester powder coat paint, for superior protection against fade and wear; the standard finish is bronze. The high efficiency precision molded optics, 30°, 60°, 7H7V and 7H6V combined with Seoul® 3030 led chips, are designed to shape the distribution, maximizing efficiency and application spacing. With lumen packages ranging from 14,000 to 42,000 nominal lumens. UL 120-277V 1-10V dimming IP67 driver, with surge protection up to 6KV is mounted to the fixture for optimal heat sinking and ease of maintenance. (See notes for full details).

Americanlite® RX™ Series offers the widest range of options to match any requirement. We have incorporated multiple options such as CCT Selectable, power selectable, photocell, SPD 10KV, to make RX™ Series one of the most complete product on the market.

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

Americanlite® RX™ Series engineered optics provide uniform illumination to walkways, landscape, parking lots, roadways, building areas and security lighting applications. Able to replace all HID fixtures the RX™ Series is designed to meet the toughest lighting challenges.

### Dimensions (mm)



#### Single CCT

Model	A	B	C
15w	121	119	38
30w	185	178	43
50w	217	201	48
70w/90w	233	190	54
150w	351	330	72
200w	351	330	72
240w	505	320	75
300w	505	320	75

#### Selectable CCT & Power

Model	A	B	C
15w/30w	180	168	43
50w	215	208	49

#### Selectable CCT

Model	A	B	C
70w/90w	264	233	54

## Ordering information

### Single CCT

Item	Power	CCT	Lumens	3000K	4000K	5700K	CCT	Beam
AL674560	15w	5000K	1710	1650	1680	1730	Blank	5000K
AL674561	30w	5000K	3600	3450	3510	3700	5	5700K
AL674562	50w	5000K	6000	5700	5800	6200	4	4000K
AL674563	70w	5000K	9450	9110	9310	9510	3	3000K
AL674564	90w	5000K	12150	11630	12060	12240		
AL674565	150w	5000K	20200	19680	19940	20465		
AL674566	200w	5000K	26620	25910	26260	26970		
AL674567	240w	5000K	34660	34080	34400	35040		
AL674568	300w	5000K	43180	42250	42760	43780		

### CCT & Power Selectable

AL674569 15W			AL674570 30W			AL674571 50W			
Power	CCT	Lumens	Power	CCT	Lumens	Power	CCT	Lumens	Option
15w	3K/4K/5K	1920/2150/1980	30w	3K/4K/5K	3780/4170/3870	50w	3K/4K/5K	6350/7200/6500	SP SPD 10kV (50w)
13.5w	3K/4K/5K	1760/1960/1800	27w	3K/4K/5K	3460/3780/3540	45w	3K/4K/5K	5800/6570/5940	
12w	3K/4K/5K	1585/1750/1620	24w	3K/4K/5K	3100/3410/3220	40w	3K/4K/5K	5200/5920/5360	
10.5w	3K/4K/5K	1400/1550/1440	21w	3K/4K/5K	2750/3020/2860	35w	3K/4K/5K	4620/5220/4760	

### CCT Selectable

Item	Power	CCT	Lumens	Option
AL674572	70w	3K/4K/5K	8550 / 9990 / 9300	SP SPD 10kV
AL674573	90w	3K/4K/5K	11320 / 13180 / 12000	

## Notes

- Lumen Tolerance =  $\pm 10\%$
- Beam: 7H7V=145°x145°  
7H6V=140°x120°  
60°=5H5V=70°x70°  
30°=4H4V=65°x65°
- Single CCT 15w, 30w, 50w 100-277V Non Dimmable
- CCT & Power Selectable 15w-50w include photocell
- CCT & Power Selectable 15w, 30w, 50w include photocell
- Surge Protection: Single CCT 15w-50w 1.2kV 70w / 90w 6kV 150w-300w 6kV
- EPA: 15w 0.11ft<sup>2</sup>  
30w 0.30ft<sup>2</sup>  
50w 0.43ft<sup>2</sup>  
70w 0.64ft<sup>2</sup>  
90w 0.64ft<sup>2</sup>
- Test GB/T 2423.10-2019, C136.31-2010  
15w-200w = 3G pass  
240w-300w = 1.5G pass
- Driver Single CCT 15w, 30w, 50w Daermay brand  
70w, 90w Sosen brand  
150w, 200w Fahold brand  
240w, 300w Sosen brand
- Cable for 120-277V: UL certified, SJOW, Black color (Φ8±0.3MM), Black/white/green wire core, wire 3x0.824MM2, 18AWG, 105°C, 300V (Standard wire is 1.2m, outside 1m)
- CCT Selectable 15w, 30w, 50w Daermay brand  
70w, 90w Sosen brand
- Housing wall thickness: >1.2mm
- Salt chamber test: 168 hours

## Packing information

### Single CCT

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
15w	16	38.5 x 32.5 x 27.5	0.0344	10.5
30w	8	46.5 x 29.5 x 31.5	0.0432	12.1
50w	6	53.5 x 32.5 x 25.5	0.0443	12.7
70w/90w	5	39.4 x 33.8 x 36.2	0.0482	15.3
150w/200w	2	44 x 41 x 20	0.0360	15.8
240w/300w	1	50.5 x 32.7.5	0.0121	12

### CCT & Power Selectable

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
15w /30w	8	48.4 x 30.2 x 29.7	0.0434	10.4
50w	6	46.8 x 32.6 x 28.4	0.0433	12.1

### Selectable CCT

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
70w/90w	5	39.4 x 33.8 x 36.2	0.0482	15.3



## RXpro™

400w / 500w / 750w / 1000w



Beam 40°	Beam 60°	Beam 90°
<b>IP65</b>	<b>IK08</b>	<b>LM80</b>
<b>LM79</b>	<b>Lumens</b> 140 lxm	<b>VOLTS</b> 120-277
<b>PF</b> ≥ .90	<b>THD</b> ≤20%	<b>CRI</b> ≥70
<b>CCT</b> 3-57K	<b>Dim</b> 1-10V	<b>10kV</b> Surge Protector
<b>SDCM</b> < 6	<b>BUG</b> B4-U0-G5	100,000
-40°C~45°C	<b>5 YEAR</b> Warranty	

Americanlite® RXpro™ Series LED Flood introduces a new level of endurance, performance, versatility and value with a heavy-duty design that delivers significant installation and energy savings. The RXpro™ Series offers properly scaled solutions for any flood lighting application. The RXpro™ Series is a professional, powerful, energy saving replacement for high intensity discharge lamps, replaces up to 2000w metal halide fixtures in outdoor area lighting applications.

Americanlite® RXpro™ Series luminaire delivers an innovative thermal management design that maximizes heat dissipation resulting in a longer fixture and LED life. Housing heatsink die-casting Aluminum ADC12, all parts are finished with 0.12mm anti-corrosive polyester powder coating paint, using electro-static coating process, for superior protection against fade and wear; with protection for hostile environments, salt spray tested and UL1598 standard.

Americanlite® RXpro™ Series luminaires are IP65/ IK08 and 1.5G vibration rated. The sealed and gasketed, corrosion resistance optics are designed to shape the distribution, with high efficiency precision molded PC lens, 92% translucency. RXpro™ Series engineered optics, with lumen packages ranging from 56,000 to 140,000 lumens, and 3 options for beam distributions, maximize efficiency and application spacing. UL 1-10V dimming IP67 driver, with built in surge protection 10KV. A 10KV SPD is optional for an extra protection layer.

Americanlite® RXpro™ Series engineered optics provide powerful and uniform illumination to sports facilities, port terminals, parking lots, roadways, construction and storage sites, rail yards, building areas, marinas and security lighting applications.

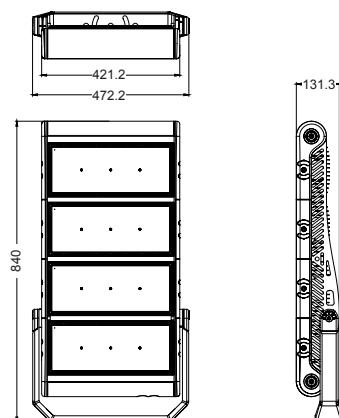
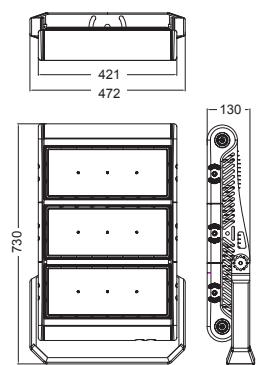
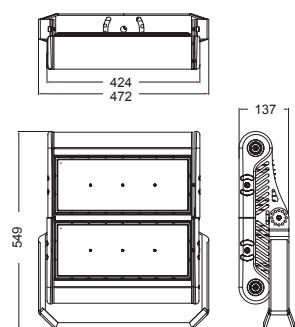
Designed to exceed performance sustaining quality Americanlite® RXpro™ Series is designed to meet the toughest lighting challenges.

### Dimensions (mm)

\*400w / 500w

750w

1000w



### Ordering information

Model	Power	Lumens	Beam Angle	CCT	Options	Mountng Brackets
AL575136	400w	56000	40°	Blank	5700K	Blank
AL575137	400w	56000	60°	5	5000K	SP
AL575138	400w	56000	90°	4	4000K	SF
AL575184	500w	70000	40°	3	3000K	
AL575185	500w	70000	60°			
AL575186	500w	70000	90°			
AL575187	750w	105000	40°			
AL575188	750w	105000	60°			
AL575189	750w	105000	90°			
AL575190	1000w	140000	40°			
AL575191	1000w	140000	60°			
AL575192	1000w	140000	60°			

### Tests / Certificates

- UL 1598
- L90 @ 54,000 hours
- Salt spray test @ 100 Hours
- TM21 reports
- ISTMT temperature test reports
- DLC5.1
- 1.5 G vibration test
- Surge protection IEEE C62.41.2-2002 ANSI/UL1449
- Pass EN 62471 standard risk 0 group

### Notes

- CCT 5700K is standard  
57K = 140lxw, 5K= 139lxw  
4K = 137lxw, 3K= 135lxw
- Lumen tolerance  $\pm 10\%$
- PF Tolerance: -3%
- THD Tolerance: +5%
- 400w = No UL or DLC
- Beam:  
40°= 5H5V=80°x80°  
60°= 6H6V=100°x100°  
90°= 7H7V=145°x130°
- Surge protection:  
L/N-PE: 10kV, L-N: 6kV
- 100K hours - Case Temperature 60°C
- Housing wall thickness: >1.2mm
- Salt chamber test: 168 hours
- EPA :  
FM Bracket  
500w = 2.151ft<sup>2</sup>  
750w = 2.981ft<sup>2</sup>  
1000w = 3.621ft<sup>2</sup>  
SF Bracket  
500w = 2.351ft<sup>2</sup>  
750w = 3.1811ft<sup>2</sup>  
1000w = 3.8211ft<sup>2</sup>
- Cable for 120-277V:  
UL certified, SJOW,  
Black color ( $\Phi 8\pm 0.3\text{MM}$ ),  
Black/white/green wire core, wire  
3x0.824MM2, 18AWG, 105°C, 300V  
(Standard wire is 1.2m, outside 1m)

### Packing information

#### Packing with FM Bracket

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
400w/500w	1	76 x 54.2 x 25	0.1029	20.5
750w	1	94 x 54.2 x 25	0.1273	28.5
1000w	1	102 x 54.2 x 25	0.1382	37.5

#### Packing with SF

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
400w/500w	1	92 x 54.2 x 25	0.1246	22.8
750w	1	110 x 54.2 x 25	0.1490	29.8
1000w	1	128 x 54.2 x 25	0.1734	38.8



Beam 7H5V	UL CERTIFIED	DLC LISTED PREMIUM
✓ RoHS	Wet Location	IP66
IK08	LM79	LM80
tuya	Bluetooth	Lumens Up to 161LxW
POWER Selectable	VOLTS 120-277 277-480	PF >.90
THD ≤20%	CRI > 80	CCT 3K-57K
Dim 1-10V	10kV Surge Protection	100,000 100,000
-40°C-50°C	7 YEAR Warranty	

## 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.

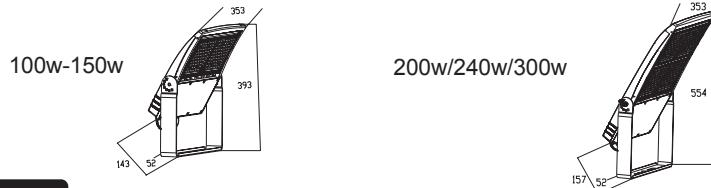
In streets, roads, parking and in general areas, the PX Pro™ replaces 150-1000W metal halide lights. The distribution is shaped to maximize efficiency and application spacing using the precision molded high efficiency optics with Lumileds® 2835 led chips. The nominal lumen packages range from 9,600 to 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
AL574382Y	150w/120w/100w	5000K	24000/19200/16000	57	5700K
AL574383Y	200w/180w/150w	5000K	32000/28800/24000	4	4000K
AL574384Y	240w/200w/180w	5000K	38400/32000/28800	3	3000K
AL574385Y	300w/240w/200w	5000K	48000/38400/32000		48 277-480V

Item	Single Power	CCT	Lumens
AL574386Y	120w	5000K	19200

### Notes

- Lumen tolerance up to 10%
- Lumens based on 5000K  
5700K = 161 lxm  
5000K = 160 lxm  
4000K = 158 lxm  
3000K = 155 lxm
- EPA: 100 - 150w = 1.3ft<sup>2</sup>  
200w - 300w = 2.1ft<sup>2</sup>
- 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 for 120-277V: UL certified, SJOW,  
Black color (Φ8±0.3MM), black/white/green wire core,  
wire 3x0.824MM<sup>2</sup>, 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



70w/100w/150w/200w/240w

300w/375w/480w

Power & CCT Selectable

Single Power/CCT

Beam 7H6V	Beam 7H5V	Beam 6H7V
Beam 6H7V		
		IP66
IK08	LM79	LM80
		Lumens Up to 145LxW
POWER Selectable	CCT Selectable 3K-4K-5K	Dim 0-10V
VOLTS 120-277 277-480	10kV Surge Protection	CRI > 80
PF >.90	THD ≤20%	120,000

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.

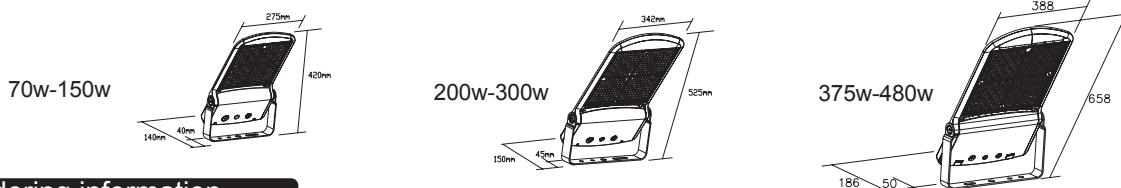
The PXS™ replaces 150-1000W metal halide lights in streets, roads, parking lots, and other areas. Using custom molded high efficiency optics and Lumileds® 2835 led chips, the distribution is designed to maximize efficiency and application spacing. The nominal lumen packages are available in various beam 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

Item	Power Select	CCT	Lumens	Options			
AL576323Y	70w/50w/35w	3K/4K/5K	9450/6750/4725	S2	Surge Protector 20kV	Blank T5	6H7V 120°x140°
AL576324Y	100w/80w/60w	3K/4K/5K	13500/10800/8100	MS	Motion Sensor # HB01DMS	T4	6H7V 120°x135°
AL576325Y	150w/120w/80w	3K/4K/5K	20250/16200/10800	PM	PIR Sensor # HB02DPR	T3	7H5V 150°x110°
AL576326Y	200w/175w/150w	3K/4K/5K	27000/23625/20250	W	White Finish	T2	7H6V 155°x110°
AL576327Y	240w/200w/150w	3K/4K/5K	32400/27000/20250	48	277-480V		
AL576328Y	300w/240w/200w	3K/4K/5K	40500/32400/27000				
AL576329Y	375w/300w/240w	3K/4K/5K	50625/40500/32400				
AL576398Y	480w/400w/300w	3K/4K/5K	64800/54000/40500				

#### Single Power / CCT

Item	Power	CCT	Lumens	CCT	Options		
AL576524Y	70w	5000K	9660	Blank	5000K	S2	Surge Protector 20kV
AL576525Y	100w	5000K	13800	65	6500K	MS	Motion Sensor # HB01DMS
AL576526Y	150w	5000K	20700	57	5700K	PM	PIR Sensor # HB02DPR
AL576527Y	200w	5000K	27600	4	4000K	W	White Finish
AL576528Y	240w	5000K	33120	3	3000K	48	277-480V
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 lxm  
4000K = 145 lxm  
3000K = 130 lxm
  - Single Power based 5K  
6500K = 141 lxm  
5700K = 140 lxm  
5000K = 138 lxm  
4000K = 135 lxm  
3000K = 133 lxm
- LED Chips = Lumileds 2835
- Photobase and Photocell are standard
- EPA: 70w-150w = 1.2ft<sup>2</sup>  
200w-300w = 1.92ft<sup>2</sup>  
375w-480w = 2.76ft<sup>2</sup>
- 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 (Φ8±0.3MM), black/white/green wire core, wire 3x0.824MM<sup>2</sup>, 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



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

Beam 7H6V	Beam 7H5V	Beam 6H7V
Beam 6H7V		
		IP66
IK08	LM79	LM80
		Lumens 140LxW
CCT 3K-57K	Dim 1-10V	VOLTS 120-277 277-480
10kV Surge Protection	CRI ≥70	PF >.90
THD <20%		-40°C-50°C
<b>5</b> YEAR Warranty		

Americanlite® PX™ Series LED Flood 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 PX™ Luminaire replaces 100-1000W metal halide fixtures in general area lighting applications.

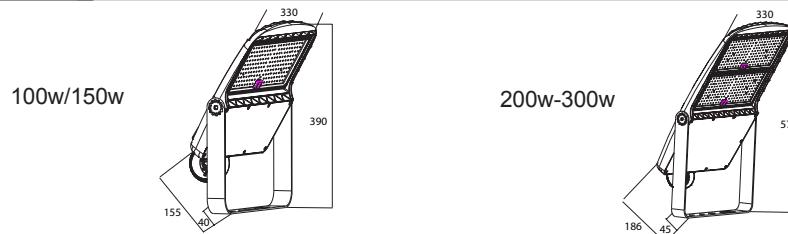
PX™ Series luminaire delivers an innovative thermal management design that maximizes heat dissipation resulting in longer fixture and LED life. Housing and cast parts are finished in polyester powder coat paint, for superior protection against fade and wear; the standard finish is bronze. (white color available) The UL Sosen® 100-277v 1-10V dimming IP67 driver, with 10KVsurge protection, (L-N : 6 KV/ L-N-TE: 10 KV), is mounted to the fixture for optimal heat sinking and ease of maintenance.

The precision molded high efficiency optics, with Seoul® 3030 led chips, are designed to shape the distribution, maximizing efficiency and application spacing. Available in various beam angles, 7H6V, 7H5V, 6H7V with lumen packages ranging from 14,000 to 42,000 nominal lumens.

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

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

### Dimensions (mm)



### Ordering information

Model	Power	Lumens	CCT	Options
AL574370Y	100w	14000	Blank	SP SPD 10kV
AL574371Y	150w	21000	5 5700K	MS Motion Sensor
AL574372Y	200w	28000	4 4000K	T4 6H7V 120°x140°
AL574373Y	240w	33600	3 3000K	T3 6H7V 120°x135°
AL574374Y	300w	42000	G Gray	T2 7H5V 150°x110°
				T2 7H6V 155°x110°

### Notes

- Lumens based on 5000K  
5700K / 5000K = 140 lxm  
4000K = 135 lxm  
3000K = 130 lxm
- 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)
- 100K hours - Case Temperature 60°C
- EPA 100-150ww = 1.26ft<sup>2</sup>  
240w-300w = 2.12ft<sup>2</sup>
- Vibration Test GB/T 2423.10-2019, C136.31-2010=3G Pass
- 277-480V not available for 200w
- 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	55.5 x 37.5 x 16	0.0333	5.6
200w/240w/300w	1	75.5 x 37.5 x 16	0.0453	9



Beam 7H5V	Beam 6H7V	Beam 6H7V
		
	IP65	IK07
LM79	LM80	
	Lumens Up to 145 LxW	Power Selectable
VOLTS 120-277 277-480	PF ≥.90	THD ≤20%
CCT 3K-65K	CRI > 80	Dim 1-10V
10KV Surge Protection	 100,000	 -35°C-50°C
		

**PXE™**

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

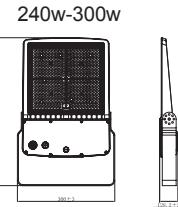
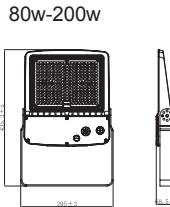
Americanlite® PXE™ Series LED area-site-roadway luminaire introduces a new level of performance, versatility and value in a low-profile design that delivers significant installation and energy savings greater than 70%. The PXE™ replaces 150-1500W metal halide fixtures in general area lighting applications.

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
6	6500K
5	5700K
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
G	Gray
W	White
S2	SPD 20KV
MS	Microwave Sensor (# HB01DMS-A)
RC	Remote control (HB03R)
LS	Light Shield
48	277-480V
BT	Bluetooth MW Sensor = HB03DMS-A

### Notes

- Lumens based on 5000K  
3000K-3500K = 135 lkw  
4000K/6500K = 145 lkw  
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= 1ft<sup>2</sup>  
240w-300w= 1.8<sup>2</sup>
- 100K hours Case Temperature <75°C
- 3 Pin Photobase and Photocell
- 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 3x0.824MM2, 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.

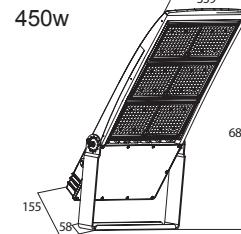
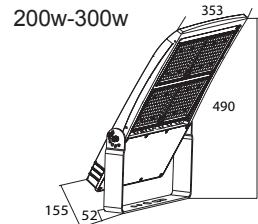
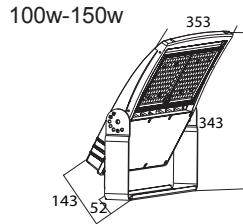
The precision molded high efficiency optics, with Lumileds® 2835 led chips, are designed to shape the distribution, maximizing efficiency and application spacing. Available in various beam angles, 7H5V, 6H7V with lumen packages ranging from 13,500 to 63,900 nominal lumens.

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.

Beam 7H5V	Beam 6H7V	Beam 6H7V
	IP66	IK08
LM79	LM80	
	Lumens Up to 145LxW	Power Selectable 
VOLTS 120-277 277-480	PF ≥.90	THD ≤20%
CRI ≥ 80	CCT 5000K	Dim 1-10V
10kV Surge Protection	100,000	-35°C-50°C
5 YEAR Warranty		

### Dimensions (mm)



### 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	CCT	Options
AL675284Y	100w/80w/60w	14200/11360/8520	Blank	5000K
AL675285Y	100w/90w/80w	14200/12780/11360	5	5700K
AL675286Y	150w/120w/100w	21300/17040/14200	4	4000K
AL675287Y	200w/180w/150w	28400/25560/21300	3	3000K
AL675288Y	240w/200w/180w	34080/28400/25560		48
AL675289Y	300w/240w/200w	42600/34080/28400		277-480V
AL675290Y	450w/400w/380w	63900/56800/53960		BT Bluetooth MW Sensor=HB03DMS-A

### Notes

- Single Power LM based on 5000K  
5700K = 140 lwx  
5000K = 135 lwx  
4000K = 134 lwx  
3000K = 130 lwx
- Lumen tolerance up to 5-7%
- Power Select LM based on 5000K  
5700K = 145 lwx  
5000K = 142 lwx  
4000K = 140 lwx  
3000K = 137 lwx
- 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 = 1.3ft<sup>2</sup>  
200w-300w = 2.1ft<sup>2</sup>
- Driver brand:  
100w/150w/200w/300w=Becky  
240w=HBE  
450w=Lifud
- Cable for 120-277V : UL certified, SJOW, Black color (Φ8±0.3MM), Black/white/green wire core, wire 3x0.824MM2, 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



<b>Beam</b> 7H6V	<b>Beam</b> 7H5V	<b>Beam</b> 6H7V
<b>Beam</b> 6H7V		
		Lumens 135LxW
<b>CCT</b> 3K-57K	<b>Dim</b> 0-10V	<b>VOLTS</b> 100-277

Americanlite® PX3™ Series LED Flood 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 PX3™ Luminaire replaces 100-1000W metal halide fixtures in general area lighting applications.

PX3™ 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 (white color available). The UL Daermay®100-277v 0-10V dimming IP67 driver, with 6KV surge protection, (L-N:6KV,L-PE:6KV, N-PE:6KV), is mounted to the fixture for optimal heat sinking and ease of maintenance.

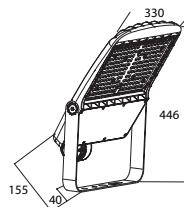
The precision molded high efficiency optics, with Bridgelux® 3030 led chips, are designed to shape the distribution, maximizing efficiency and application spacing. Available in various beam angles, 7H6V, 7H5V, 6H7V with lumen packages ranging from 13,500 to 40,500 nominal lumens.

Time is money when it comes to installing and retrofitting area and site luminaires. Americanlite® PX3™ Series was engineered to make installation quick and easy, saving on both installation time and costs.

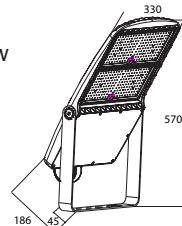
Americanlite® PX3™ Series engineered optics provide uniform illumination to walkways, parking lots, roadways, building areas and security lighting applications. Able to replace HID fixtures the PX3™ Series is designed to meet the toughest lighting challenges.

#### Dimensions (mm)

100w-200w



240w/300w



#### Ordering information

Model	Power	Lumens	CCT	Options		
AL674230Y	100w	13500	Blank	5000K	Blank T5	6H7V 120°x140°
AL674231Y	150w	20250	5	5700K	T4	6H7V 120°x135°
AL674232Y	200w	27000	4	4000K	T3	7H5V 150°x110°
AL674233Y	240w	37400	3	3000K	T2	7H6V 155°x110°
AL674234Y	300w	40500				

#### Notes

- Lumens based on 5000K  
5700K = 133 lxm  
5000K = 135 lxm  
4000K = 134 lxm  
3000K = 130 lxm
- Cable: 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)
- 100K hours - Case Temperature 60°C
- EPA 100-200ww = 2.32ft<sup>2</sup>  
240w-300w = 2.89ft<sup>2</sup>
- 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/200w	1	72 x 39.7 x 15.5	0.0443	5.5
240w/300w	1	75.5 x 37.5 x 16	0.0453	8.3



## 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.