



## UL Floodlite™ Series

americanlite®

We light your world™

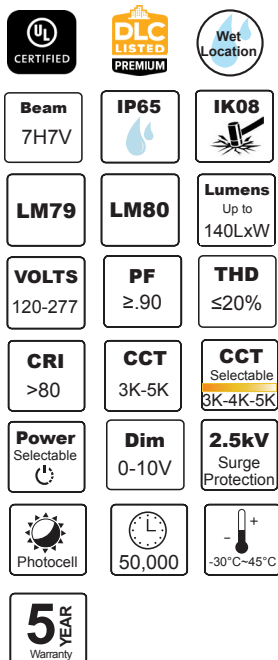




Yoke Bracket



Knuckle Bracket



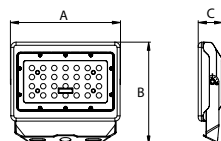
Time is money when it comes to installing and retrofitting area and site luminaires. Americanlite® CX™ Series was engineered to make installation quick and easy, saving on both installation time and costs. CX™ Series LED Flood introduces a new level of performance, versatility and value in a low-profile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

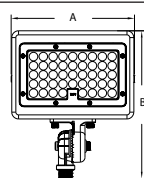
Designed to meet the toughest lighting challenges Americanlite® CX™ Series provide uniform illumination to walkways, landscape, parking lots, roadways, building areas and security lighting applications.

### 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 | 5000K    |
| AL575271 | 30w   | 5000K | 4020   | 3900  | 3960  | 4020  | 5     | 5700K    |
| AL575272 | 50w   | 5000K | 7000   | 6750  | 6900  | 7100  | 4     | 4000K    |
| AL575273 | 80w   | 5000K | 10880  | 10240 | 10800 | 11040 | 3     | 3000K    |

#### 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,  
(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

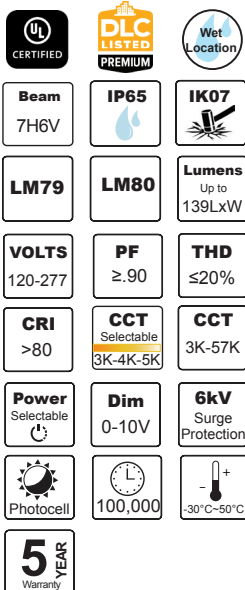
### Packing information

| 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              |



## NX™

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



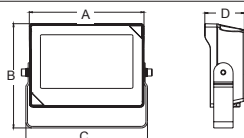
Time is money when it comes to installing and retrofitting area and site luminaires. Americanlite® NX™ Series was engineered to make installation quick and easy, saving on both installation time and costs. NX™ Series LED Flood introduces a new level of performance, versatility and value in a low-profile 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, integrated 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 |
|----------|-------|-------|--------|----------|-------|-------|--------|
| AL675215 | 15w   | 5000K | 2085   | AL675219 | 80w   | 5000K | 11120  |
| AL675216 | 25w   | 5000K | 3475   | AL675220 | 100w  | 5000K | 13900  |
| AL675217 | 35w   | 5000K | 4865   | AL675221 | 120w  | 5000K | 16680  |
| AL675218 | 60w   | 5000K | 8340   | AL675222 | 150w  | 5000K | 20850  |

| CCT                | Options            | Finish              |
|--------------------|--------------------|---------------------|
| <b>Blank</b> 5000K | <b>S1</b> SPD 10Kv | <b>Blank</b> Bronze |
| <b>5</b> 5700K     |                    | <b>W</b> White      |
| <b>4</b> 4000K     |                    | <b>B</b> Black      |
| <b>3</b> 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    |         |
| 15w           | 3K/4K/5K | 1980/2085/2085    | 25w           | 3K/4K/5K | 3300/3475/3475    | 35w           | 3K/4K/5K | 4620/4865/4865    |         |
| 10w           | 3K/4K/5K | 1320/1390/1390    | 15w           | 3K/4K/5K | 1920/2085/2085    | 15w           | 3K/4K/5K | 1980/2085/2085    |         |
| AL675227 80w  |          |                   | AL675228 100w |          |                   | AL675229 120w |          |                   | Options |
| 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 |         |
| 60w           | 3K/4K/5K | 7920/8340/8340    | 80w           | 3K/4K/5K | 10560/11120/11120 | 100w          | 3K/4K/5K | 13200/13900/13900 |         |
| 45w           | 3K/4K/5K | 5940/6255/6255    | 60w           | 3K/4K/5K | 7920/8340/8340    | 80w           | 3K/4K/5K | 10560/11120/11120 |         |
| AL675230 150w |          |                   |               |          |                   |               |          |                   | Options |
| Power         | CCT      | Lumens            |               |          |                   |               |          |                   |         |
| 150w          | 3K/4K/5K | 19800/20850/20850 |               |          |                   |               |          |                   |         |
| 120w          | 3K/4K/5K | 15840/16680/16680 |               |          |                   |               |          |                   |         |
| 100w          | 3K/4K/5K | 13200/13900/13900 |               |          |                   |               |          |                   |         |

### 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 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              |



## FX™

25w/35w/80w  
150w/300w

Power, CCT & Beam Selectable

|                                             |                                 |                                  |
|---------------------------------------------|---------------------------------|----------------------------------|
| <b>Beam</b><br>7H6V                         | <b>Beam</b><br>6H6V             | <b>Beam</b><br>5H5V              |
| <b>UL</b><br>CERTIFIED                      | <b>DLC</b><br>LISTED<br>PREMIUM | <b>RoHS</b>                      |
| <b>Wet</b><br>Location                      | <b>IK08</b>                     | <b>IP65</b>                      |
| <b>LM79</b>                                 | <b>LM80</b>                     | <b>Lumens</b><br>Up to<br>155LxW |
| <b>Beam</b><br>Selectable                   | <b>Power</b><br>Selectable      | <b>3CCT</b><br>Selectable        |
| <b>up to</b><br>10kV<br>Surge<br>Protection | <b>Dim</b><br>0-10V             | <b>VOLTS</b><br>120-277          |
| <b>PF</b><br>≥.90                           | <b>THD</b><br>≤20%              | <b>CRI</b><br>>80                |
| <b>BUG</b><br>See Note                      | <b>SDCM</b><br><6               | <b>+</b><br>-40°C~50°C           |
| <b>120,000</b><br>Hours                     | <b>7 YEAR</b><br>Warranty       |                                  |

Americanlite® FX™ Series is a next-generation LED flood lighting solution built around one core advantage: complete on-site flexibility. Featuring fully integrated Beam, Power, and CCT Selectable technology, the FX™ Series allows users to precisely customize light distribution, output, and color temperature—all within a single fixture. With multiple beam angles, adjustable wattage settings, and selectable color temperatures (3000K, 4000K, 5000K), this system eliminates the need for multiple SKUs while ensuring the perfect lighting configuration for any application.

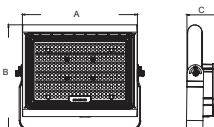
Engineered for maximum performance, the FX™ Series delivers high luminous efficacy of up to 155 lumens per watt, providing powerful illumination while significantly reducing energy consumption. This combination of performance and efficiency makes it an ideal solution for large-scale outdoor environments such as parking lots, building facades, signage, and area lighting—where both light quality and operating costs matter.

Durability is at the core of the FX™ Series design. Constructed with a rugged aluminum housing and high-impact polycarbonate lens, the fixture is rated Wet locations and IK08 for impact resistance, ensuring reliable operation in harsh environments. Enhanced surge protection up to 10kV and premium driver technology further protect the system, delivering consistent, long-term performance in demanding conditions.

Designed for longevity, the FX™ Series offers an impressive lifetime of up to 120,000 hours, drastically reducing maintenance requirements and total cost of ownership. Backed by a 7-year warranty, it provides peace of mind and confidence for contractors, designers, and facility managers alike.

With added features such as 0–10V dimming, multiple mounting options, and compatibility with sensors and controls, the FX™ Series stands out as a powerful, adaptable, and future-ready lighting solution. Americanlite® has engineered the FX™ Series to deliver not just light—but precision, efficiency, and long-term value in every installation.

### Dimensions (mm)



| Model | A     | B   | C    |
|-------|-------|-----|------|
| 25w   | 215   | 176 | 48.9 |
| 35w   | 215   | 176 | 48.9 |
| 80w   | 249.3 | 224 | 57.5 |
| 150w  | 300   | 276 | 81.3 |
| 300w  | 400   | 331 | 80.3 |

### Ordering information

| Item     | Power | CCT      | Beam           | Lumens            | Mount Bracket       | Finish              | Options                        | Accessory    |
|----------|-------|----------|----------------|-------------------|---------------------|---------------------|--------------------------------|--------------|
| AL674604 | 25w   | 3K/4K/5K | 7H6V/6H6V/5H5V | 3625/3875/3750    | <b>Blank</b> Yoke   | <b>Blank</b> Bronze | <b>34</b> 120-347V             | AL6746264 RC |
|          | 18w   | 3K/4K/5K | 7H6V/6H6V/5H5V | 2610/2790/2700    | <b>T</b> Trunnion   | <b>W</b> White      | <b>48</b> 277-480V (150/300W)  |              |
|          | 12w   | 3K/4K/5K | 7H6V/6H6V/5H5V | 1740/1860/1800    | <b>S</b> Slipfitter | <b>B</b> Black      | <b>3P</b> 3P Base + Photocell  |              |
| AL674605 | 35w   | 3K/4K/5K | 7H6V/6H6V/5H5V | 5075/5425/5250    |                     |                     | <b>MS</b> Microwave Sensor     |              |
|          | 25w   | 3K/4K/5K | 7H6V/6H6V/5H5V | 3625/3875/3750    |                     |                     | <b>PIR</b> PIR Sensor          |              |
|          | 15w   | 3K/4K/5K | 7H6V/6H6V/5H5V | 2175/2325/2250    |                     |                     | <b>VS</b> Visor / Light Shield |              |
| AL674606 | 80w   | 3K/4K/5K | 7H6V/6H6V/5H5V | 11600/12400/12000 |                     |                     |                                |              |
|          | 60w   | 3K/4K/5K | 7H6V/6H6V/5H5V | 8700/12400/9000   |                     |                     |                                |              |
|          | 40w   | 3K/4K/5K | 7H6V/6H6V/5H5V | 5800/6200/6000    |                     |                     |                                |              |
| AL674607 | 150w  | 3K/4K/5K | 7H6V/6H6V/5H5V | 21750/23250/22500 |                     |                     |                                |              |
|          | 125w  | 3K/4K/5K | 7H6V/6H6V/5H5V | 18125/19375/18750 |                     |                     |                                |              |
|          | 100w  | 3K/4K/5K | 7H6V/6H6V/5H5V | 14500/15500/15000 |                     |                     |                                |              |
| AL674608 | 300w  | 3K/4K/5K | 7H6V/6H6V/5H5V | 43500/46500/45000 |                     |                     |                                |              |
|          | 250w  | 3K/4K/5K | 7H6V/6H6V/5H5V | 36250/38750/37500 |                     |                     |                                |              |
|          | 200w  | 3K/4K/5K | 7H6V/6H6V/5H5V | 29000/31000/30000 |                     |                     |                                |              |

### Notes

- Lumen Tolerance = up to 10%
- Lumens / CCT Select:  
3000K = 145lxw  
4000K = 155lxw  
5000K = 150lxw
- LED Chips: Lumileds 2835
- Driver Brand:  
25w-80w = HBE  
150w-300w = Sosen
- EPA:  
25w = 0.4ft²  
35w = 0.4ft²  
80w = 0.6ft²  
100w = 0.93ft²  
300w = 1.51ft²
- Beam:  
7H6V = 135°x125°  
6H6V = 120°x120°  
5H5V = 90°x90°
- BUG:  
25-35w  
5H5V/6H6V = B3-U2-G1  
7H6V = B2-U2-G1  
80w  
5H5V/6H6V = B4-U3-G1  
7H6V = B3-U3-G1  
150w  
5H5V/6H6V = B5-U3-G1  
7H6V = B4-U3-G2  
30w  
5H5V/6H6V/7H7V = B5-U3-G2
- Surge Protection:  
L/N-PE:6kV,L-N:6kV  
80w-300ww = 10kV (SPD)  
SPD 10kV Part #:  
120-277V = ZYS-P10A  
277-480V = ZYS-P10H
- Microwave Sensor # HB01DMS-A
- PIR Sensor # HB03DPR-A
- RC / Remote Control # HB03R for MW and PIR sensor
- 120K hours - Case Temp. <70°C
- Salt chamber test: 168 hours
- Aluminum housing, thickness: >1.5mm
- PC Lens, thickness: >3mm
- Paint thickness: 60-120µm
- 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 0.8M)
- Cable for 120-347V / 277-480V:  
UL certified, SJOW, Black color (Φ8±0.3MM), Black/white/green wire core, wire 3x0.824MM2, 18AWG, 105°C, 600V (Standard wire is 0.8M)

### Packing information

| Model   | Pieces per master | Box Dimensions (cm) | CBM (Master) | Gross Weight (KG) |
|---------|-------------------|---------------------|--------------|-------------------|
| 25w/35w | 5                 | 30.5 x 25.5 x 20.5  | 0.0159       | 4.22              |
| 80w     | 1                 | 37 x 34 x 10.5      | 0.0133       | 2.58              |
| 150w    | 1                 | 51 x 39.5 x 12.3    | 0.0247       | 3.87              |
| 300w    | 1                 | 56.5 x 47 x 12.7    | 0.0337       | 6.05              |

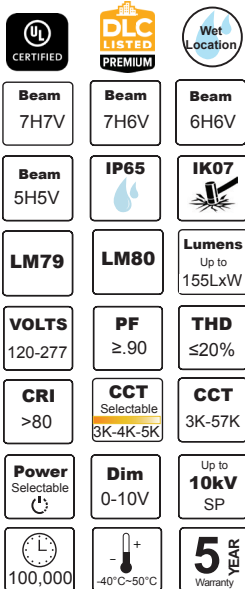




## QX™

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

Single CCT / Single Power  
CCT & Power Selectable



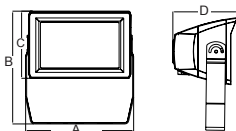
Time is money when it comes to installing and retrofitting area and site luminaires. Americanlite® QX™ Series was engineered to make installation quick and easy, saving on both installation time and costs. QX™ Series LED Flood introduces a new level of performance, versatility and value in a robust and 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      | S2      | SPD 20Kv               |
| AL675232 | 30w   | 5000K | 4500   | AL675238 | 200w  | 5000K | 30000  | 5     | 5700K      | 7       | 7H6V (150w, 200w-300w) |
| AL675233 | 60w   | 5000K | 9000   | AL675239 | 240w  | 5000K | 36000  | 4     | 4000K      | 6       | 6H6V (150w, 200w-300w) |
| AL675234 | 80w   | 5000K | 12000  | AL675240 | 300w  | 5000K | 45000  | 3     | 3000K      | 5       | 5H5V (200w-300w)       |
| AL675235 | 100w  | 5000K | 15000  |          |       |       |        |       |            | 48      | 277-480V (80w-300w)    |
|          |       |       |        |          |       |       |        |       |            | 7B      | 7 Pin Photobase*       |
|          |       |       |        |          |       |       |        |       |            | 3B      | 3 Pin Photobase*       |
|          |       |       |        |          |       |       |        |       |            | W       | White                  |
|          |       |       |        |          |       |       |        |       |            | B       | Black                  |

#### CCT & Power Select

| Power         | Lumens @ 3K/4K/5K | Power         | Lumens @ 3K/4K/5K | Power         | Lumens @ 3K/4K/5K | Dist. Type | Options                | Finish              |
|---------------|-------------------|---------------|-------------------|---------------|-------------------|------------|------------------------|---------------------|
| AL675241 15w  |                   | AL675242 30w  |                   | AL675243 60w  |                   | Blank      | 7H7V (15w-100w)        | Blank               |
| 15w           | 2100/2325/2250    | 30w           | 4200/4650/4500    | 60w           | 8400/9300/9000    | 7          | 7H6V (150w, 200w-300w) | 3B                  |
| 10w           | 1400/1550/1500    | 25w           | 3500/3852/3750    | 50w           | 7000/7750/7500    | 6          | 6H6V (150w, 200w-300w) | 7B                  |
| 5w            | 700/775/750       | 15w           | 2100/2325/2250    | 40w           | 600/6200/6000     | 5          | 5H5V (200w-300w)       | 48                  |
|               |                   |               |                   |               |                   |            |                        | 277-480V (80w-300w) |
|               |                   |               |                   |               |                   |            |                        | W                   |
|               |                   |               |                   |               |                   |            |                        | B                   |
| AL675244 80w  |                   | AL675245 100w |                   | AL675246 150w |                   |            |                        |                     |
| 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 |                   |            |                        |                     |
| 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 |            |                        |                     |

### 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
- 100K hours- Case T @ 70°C
- 10KV SPD included: 80w-300w
- 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: 168 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               |



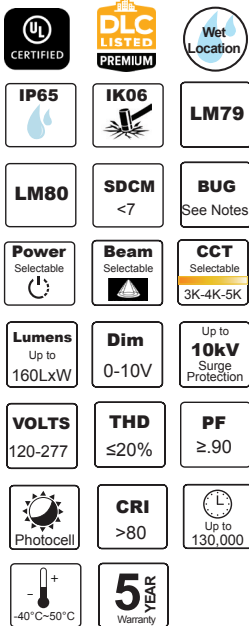
150w-500w



20w-80w

## UX™

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



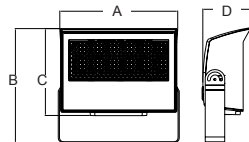
Americanlite® UX™ Series LED Flood introduces a new level of performance, versatility and value in an Industrial Grade design that delivers significant installation and energy savings. The innovative thermal management design maximizes heat dissipation resulting in longer fixture and LED life. We have 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)       |
| B2    | 35° / 30° / 20°<br>(for 250w-500w) | S2 SPD 20Kv (all watts)  |
|       |                                    | 48 277-480V              |
|       |                                    | 3P 3Pin Base + Photocell |
|       |                                    | Blank Bronze             |
|       |                                    | W White                  |
|       |                                    | B Black                  |

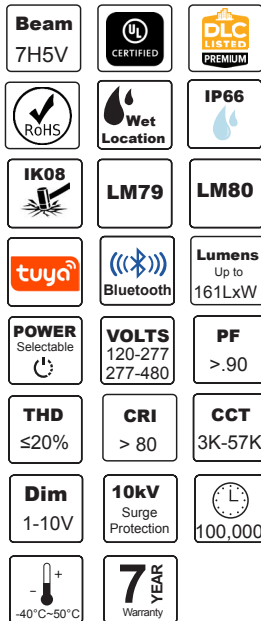
### Notes

- Lumen Tolerance = ± 10%
- Lumens / Beam 35° / 30° / 20°  
3K = up to 150 lwx  
4K = up to 160 lwx  
5K = up to 155 lwx
- 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  
35w  
60w  
80w  
150w  
250w-320w  
420w  
500w
- 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 (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) |
|-------|-------------------|---------------------|--------------|-------------------|
| 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              |



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.

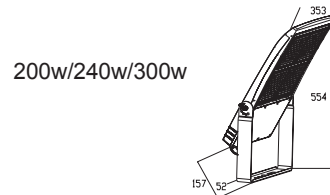
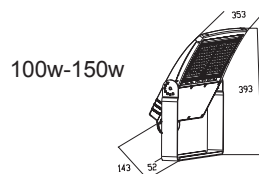
In streets, roads, parking and in general areas, the PX Pro™ replaces 150-1000W metal halide lights. The distribution is shaped to maximize efficiency and application spacing using the precision molded high efficiency optics with Lumileds® 2835 led chips. The nominal lumen packages range from 9,600 to 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 Daermy
- 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: 168 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

|                             |                               |                           |
|-----------------------------|-------------------------------|---------------------------|
| Beam<br>7H6V                | Beam<br>7H5V                  | Beam<br>6H7V              |
| Beam<br>6H7V                | CERTIFIED                     | DLC<br>LISTED<br>PREMIUM  |
| RoHS                        | Wet<br>Location               | IP66                      |
| IK08                        | LM79                          | LM80                      |
| tuya                        | Bluetooth                     | Lumens<br>Up to<br>145LxW |
| POWER<br>Selectable         | CCT<br>Selectable<br>3K-4K-5K | Dim<br>0-10V              |
| VOLTS<br>120-277<br>277-480 | 10kV<br>Surge<br>Protection   | CRI<br>> 80               |
| PF<br>>.90                  | THD<br>≤20%                   | 120,000                   |
| -40°C~50°C                  | 7 YEAR<br>Warranty            |                           |

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.

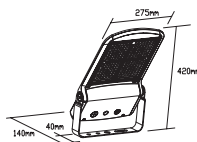
PXS™ luminaire delivers an innovative thermal management design that maximizes heat dissipation resulting in longer fixture and LED life. Housing and cast parts are finished in polyester powder coat paint, for superior protection against fade and wear; the standard finish is bronze. (White color available). 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.

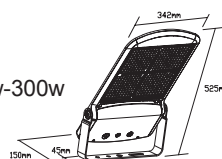
The PXS™ Series' engineered optics provide uniform illumination for parking lots, streets, walkways, building interiors, and security lighting applications. These fashionable lights provide excellent illumination, easy installation, and the dependability you've come to expect from Americanlite®.

### Dimensions (mm)

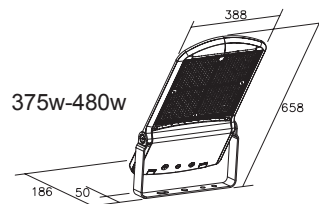
70w-150w



200w-300w



375w-480w



### Ordering information

| Power & CCT Selectable |                |          |                   |  |  | Options |          | Blank T5       |                | HB03R = Remote control for Sensors |
|------------------------|----------------|----------|-------------------|--|--|---------|----------|----------------|----------------|------------------------------------|
| Item                   | Power Select   | CCT      | Lumens            |  |  | S2      | MS       | T4             | T3             |                                    |
| AL576323Y              | 70w/50w/35w    | 3K/4K/5K | 9450/6750/4725    |  |  | 48      | 277-480V | 6H7V 120"x140" | 7H5V 150"x110" |                                    |
| AL576324Y              | 100w/80w/60w   | 3K/4K/5K | 13500/10800/8100  |  |  |         |          | 6H7V 120"x135" | 7H6V 155"x110" |                                    |
| 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 |  |  |         |          |                |                |                                    |
| AL576329Y              | 375w/300w/240w | 3K/4K/5K | 50625/40500/32400 |  |  |         |          |                |                |                                    |
| AL576398Y              | 480w/400w/300w | 3K/4K/5K | 64800/54000/40500 |  |  |         |          |                |                |                                    |

| Single Power / CCT |       |       |        |       |       | Options |          | Blank T5       |                | HB03R = Remote control for Sensors |
|--------------------|-------|-------|--------|-------|-------|---------|----------|----------------|----------------|------------------------------------|
| Item               | Power | CCT   | Lumens | CCT   |       | S2      | MS       | T4             | T3             |                                    |
| AL576524Y          | 70w   | 5000K | 9660   | Blank | 5000K |         |          | 6H7V 120"x140" | 7H5V 150"x110" |                                    |
| AL576525Y          | 100w  | 5000K | 13800  | 65    | 6500K |         |          | 6H7V 120"x135" | 7H6V 155"x110" |                                    |
| AL576526Y          | 150w  | 5000K | 20700  | 57    | 5700K |         |          |                |                |                                    |
| AL576527Y          | 200w  | 5000K | 27600  | 4     | 4000K |         |          |                |                |                                    |
| 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 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: 168 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

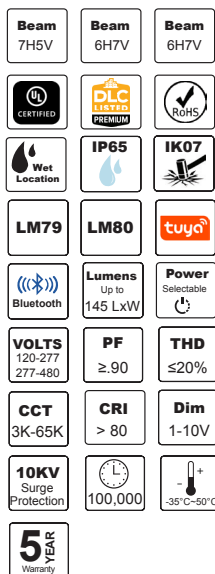




## PXE™

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                           |
|--------------------|--------------------------------|
| <b>Blank</b> 5000K | <b>Blank T5</b> 6H7V 120°x140° |
| <b>6</b> 6500K     | <b>T4</b> 6H7V 120°x135°       |
| <b>5</b> 5700K     | <b>T3</b> 7H5V 150°x110°       |
| <b>4</b> 4000K     |                                |
| <b>3</b> 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                                   |
|---------------------|-------------------------------------------|
| <b>Blank</b> Bronze | <b>S2</b> SPD 20KV                        |
| <b>G</b> Gray       | <b>MS</b> Microwave Sensor (# HB01DMS-A)  |
| <b>W</b> White      | <b>RC</b> Remote control (HB03R)          |
|                     | <b>LS</b> Light Shield                    |
|                     | <b>48</b> 277-480V                        |
|                     | <b>BT</b> 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

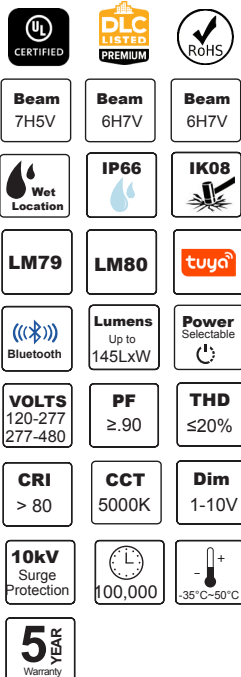
| Model     | Pieces per master | Box Dimensions (cm) | CBM (Master) | Gross Weight (KG) |
|-----------|-------------------|---------------------|--------------|-------------------|
| 100w-200w | 1                 | 51.5 x 32 x 14.3    | 0.0235       | 5.3               |
| 240w-300w | 1            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

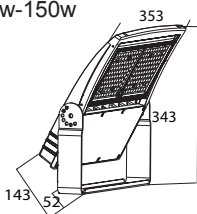
The precision molded high efficiency optics, with Lumileds® 2835 led chips, are designed to shape the distribution, maximizing efficiency and application spacing. Available in various beam angles, 7H5V, 6H7V with lumen packages ranging from 13,500 to 63,900 nominal lumens.

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.

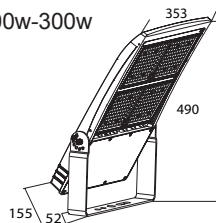
The PX4™ engineered optics provide uniform illumination to walkways, parking lots, roadways, building areas and security lighting applications. Able to replace HID fixtures the PX4™ is designed to meet the toughest lighting challenges.

### Dimensions (mm)

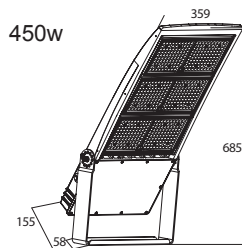
100w-150w



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

### Notes

- Single Power LM based on 5000K  
5700K = 140 lww  
5000K = 135 lww  
4000K = 134 lww  
3000K = 130 lww
- Lumen tolerance up to 5-7%
- Power Select LM based on 5000K  
5700K = 145 lww  
5000K = 142 lww  
4000K = 140 lww  
3000K = 137 lww
- 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: 168 hours

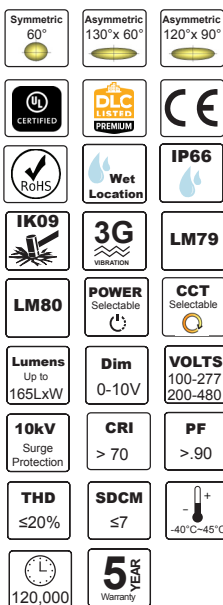
### Packing information

| 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              |



## PX5™

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.

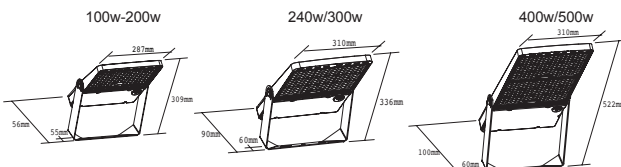
The electrical system incorporates a high-performance LED driver with input voltage options of 100–277V or 200–480V, power factor >0.90, and total harmonic distortion ≤20%, ensuring stable operation across varying grid conditions. Standard 0–10V dimming allows flexible control, while an integrated 10kV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

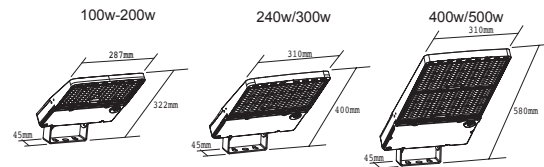
The PX5™ Series is suitable for building façades, parking areas, industrial sites, sports facilities, signage, and general outdoor lighting, delivering a reliable and energy-efficient solution with reduced maintenance requirements.

### 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 |

#### Notes

- Power & CCT Selectable 3K/4K/5K:  
Lumens based on 4000K  
5000K = 145 lws  
4000K = 165 lws  
3000K = 145 lws
- Power & CCT Selectable 4K/5K/57K:  
Lumens based on 5000K  
4000K = 150 lws  
5000K = 165 lws  
5700K = 150 lws
- 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
- PF >0.95 & THD <10% @ 220V

#### 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 |

- 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

#### Brackets

- Y Yoke
- T Trunnion

#### Options

- P Internal photocell  
20kV SPD
- MS Motion Sensor
- RC Remote Control
- 48 200-480V

#### Housing

- Blank Bronze
- B Black

### 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               |



## SQS Pro™ Series

Professional Stadium & High Mast  
300w / 600w / 900w / 1200w  
Power Selectable & Single Power



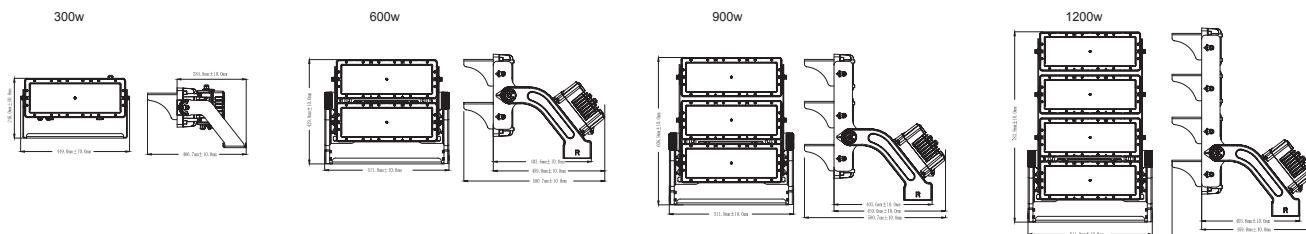
The SQS Pro™ Series is a professional high output LED floodlight engineered for stadiums, sports complexes, and demanding outdoor applications where exceptional illumination, precision optics, and long term reliability are essential. Delivering up to 180,000 lumens with efficacy reaching 161 lm/W, the SQS Pro™ combines outstanding performance with excellent energy efficiency. Available in 300W, 600W, 900W, and 1200W (200-480v) models, with both Single Power and Power Selectable configurations, it provides the flexibility required for virtually any professional lighting project.

Designed for maximum optical performance, the SQS Pro™ is available with 30°, 40°, 60°, and 90° beam distributions, delivering exceptional uniformity and precise light placement. On multi module models, each LED module can be independently adjusted, allowing lighting designers to optimize beam aiming for stadiums, sports fields, high mast installations, and other large area applications where accuracy is critical.

Built to perform in the toughest environments, the SQS Pro™ features a rugged die cast aluminum housing, premium optical components, and a corrosion resistant finish. Rated IP66 for protection against dust and water and IK08 for impact resistance, it is engineered to withstand harsh outdoor and industrial conditions. Premium Lumileds LEDs, IP67 Sosen drivers, 10kV surge protection, 0 to 10V dimming, and a 120,000 hour rated life ensure dependable performance with minimal maintenance, all backed by a 7 Year Warranty.

Whether illuminating a professional sports venue or a demanding industrial site, the SQS Pro™ delivers exceptional light output, precision optics, and industrial grade durability. It is the ideal solution for stadiums, sports complexes, soccer fields, baseball and softball fields, tennis courts, high mast lighting, ports, container terminals, airports, rail yards, mining operations, industrial facilities, and large parking areas where performance and reliability are essential.

### Dimensions (mm) \*Visor is optional



### Ordering information

| Power Selectable |                |                      |      | Single Power |       |        |      |
|------------------|----------------|----------------------|------|--------------|-------|--------|------|
| Model            | Power          | Lumens               | Beam | Model        | Power | Lumens | Beam |
| AL575300         | 300/200/100w   | 46500/31600/16100    | 30°  | AL575316     | 300w  | 46500  | 30°  |
| AL575301         | 300/200/100w   | 46500/31600/16100    | 40°  | AL575317     | 300w  | 46500  | 40°  |
| AL575302         | 300/200/100w   | 46500/31600/16100    | 60°  | AL575318     | 300w  | 46500  | 60°  |
| AL575303         | 300/200/100w   | 46500/31600/16100    | 90°  | AL575319     | 300w  | 46500  | 90°  |
| AL575304         | 600/500/400w   | 90000/76500/62400    | 30°  | AL575320     | 600w  | 90000  | 30°  |
| AL575305         | 600/500/400w   | 90000/76500/62400    | 40°  | AL575321     | 600w  | 90000  | 40°  |
| AL575306         | 600/500/400w   | 90000/76500/62400    | 60°  | AL575322     | 600w  | 90000  | 60°  |
| AL575307         | 600/500/400w   | 90000/76500/62400    | 90°  | AL575323     | 600w  | 90000  | 90°  |
| AL575308         | 900/800/700w   | 135000/122400/109200 | 30°  | AL575324     | 900w  | 135000 | 30°  |
| AL575309         | 900/800/700w   | 135000/122400/109200 | 40°  | AL575325     | 900w  | 135000 | 40°  |
| AL575310         | 900/800/700w   | 135000/122400/109200 | 60°  | AL575326     | 900w  | 135000 | 60°  |
| AL575311         | 900/800/700w   | 135000/122400/109200 | 90°  | AL575327     | 900w  | 135000 | 90°  |
| AL575312         | 1200/1000/800w | 180000/154000/126400 | 30°  | AL575328     | 1200w | 180000 | 30°  |
| AL575313         | 1200/1000/800w | 180000/154000/126400 | 40°  | AL575329     | 1200w | 180000 | 40°  |
| AL575314         | 1200/1000/800w | 180000/154000/126400 | 60°  | AL575330     | 1200w | 180000 | 60°  |
| AL575315         | 1200/1000/800w | 180000/154000/126400 | 90°  | AL575331     | 1200w | 180000 | 90°  |

#### CCT

|       |       |
|-------|-------|
| Blank | 5700K |
| 5     | 5000K |
| 4     | 4000K |

#### Options

|       |                |
|-------|----------------|
| Blank | PC Lens        |
| G     | PC+ Glass Lens |
| V     | Visor          |
| S     | Slipfitter     |
| S2    | SPD 20KV       |
| 48    | 200-480V       |

#### Accessory

|          |       |
|----------|-------|
| AL575267 | Laser |
|----------|-------|

### Notes

- Lumens Single Power:  
300w = 155 lxw  
600w/900w/1200w = 150 lxw
- Lumens Power select:  
300w = up to 161 lxw  
600w/900w = up to = 156 lxw  
1200w = 158 lxw
- Lumen Tolerance up to 10%
- With Visor @ 8% less lumens
- LED Chips: Lumileds 2838
- Complies with DLC Standards
- Modules: UP/Down 15°  
Fixture Tilt: 90° Down / 60° Up
- Drivers: Sosen Brand  
ROHS  
IP67:  
900w (120-277V / 200-480V)  
1200w (200-480V)
- Driver Qty:  
300w/900w = 1 Pcs  
600w = 2 pcs  
1200w = 4 pcs  
1200w 200-480V = 1 pc  
120,000 hours @ TC<70°C
- Housing: Aluminum Alloy  
Thickness: 2.2mm
- Lens: PC, Thickness: 5mm  
Glass, Thickness: 5mm
- Color: Pantone 10103C  
Paint Thickness: 60-120µm
- Salt Chamber test: 500 hours
- EPA:  
300w = 1.16ft²  
600w = 2.30ft²  
900w = 3.32ft²  
1200w = 4.30ft²
- SPD part numbers:  
20KV 100-277V: ZYS-P20A  
20KV 277-480V: ZYS-P20H
- Power Cable Spec:  
120-277V: Rubber  
three-core cable UL certified, SJOW,  
Φ8.8±0.3MM, black outer sheath, black/  
white/green inner wires, 3×1.308MM²  
(16AWG), 300V, 105°C, L=1.2M
- 200-480V: Rubber three-core wire UL  
certified, SOW, Φ10±0.3mm, black outer  
jacket, black/white/green inner jackets,  
3×1.308mm² (16AWG), 600V, 105°C,  
L=1.2M

### Packing information

| Model | Pieces per master | Box Dimensions (cm) | CBM (Master) | Gross Weight (KG) |
|-------|-------------------|---------------------|--------------|-------------------|
| 300w  | 1                 | 49 x 33 x 35.2      | 0.0569       | 9                 |
| 600w  | 1                 | 56 x 50 x 49.5      | 0.1386       | 13.8              |
| 900w  | 1                 | 67 x 57.5 x 51      | 0.1964       | 19.7              |
| 1200w | 1                 | 84.5 x 56 x 50.5    | 0.2380       | 23.5              |

Packing information with different Bracket, box dimension will vary



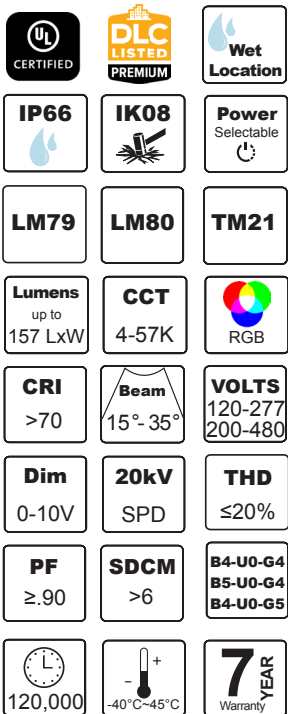


## SQR™ Series

600w / 800w

Power Selectable

RGB



The Americanlite® SQR™ Series is a professional grade LED floodlight engineered for the most demanding outdoor lighting applications. Designed for stadiums, sports complexes, ports, airports, industrial facilities, and large outdoor areas, the SQR™ Series delivers exceptional optical performance, outstanding efficiency, and long term reliability. Its precision optical system and premium components provide powerful, uniform illumination while minimizing glare and maximizing visual comfort.

Designed for maximum flexibility, the SQR™ Series features power selectable technology, allowing multiple wattages from a single fixture to simplify inventory and adapt to changing project requirements. Combined with multiple precision beam angles and color temperature options, each installation can be optimized for the ideal balance of light output, uniformity, and energy efficiency. Delivering efficacy up to 157 lumens per watt and lumen packages exceeding 114,000 lumens, the SQR™ Series provides exceptional performance while reducing operating costs.

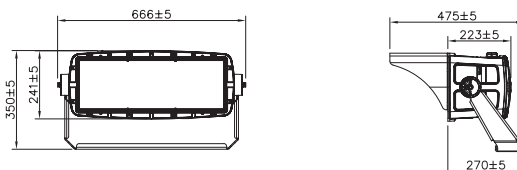
Available with an advanced RGB lighting option, the SQR™ Series transforms sports venues and entertainment facilities into dynamic environments with vibrant color scenes and special event lighting. For even greater flexibility, optional Smart System compatibility enables intelligent fixture control, including scheduling, dimming, scene programming, and customized lighting effects, making the SQR™ Series an ideal solution for modern stadiums and large public venues.

Engineered for years of dependable operation, the SQR™ Series combines premium Bridgelux® LEDs, high performance drivers, rugged die cast aluminum construction, thick impact resistant optics, and advanced thermal management to maximize performance and extend service life. Rated IP66, IK08, and protected by 20kV surge protection, it is built to withstand the harsh conditions found in sports facilities, transportation hubs, industrial complexes, and other demanding outdoor environments.

The adjustable mounting system allows vertical aiming and horizontal fixture rotation, giving installers the flexibility to accurately direct light where it is needed most. Combined with multiple beam distributions, the SQR™ Series makes it easy to achieve outstanding coverage and uniformity across sports fields, parking areas, ports, airports, and other expansive outdoor applications.

Backed by a 120,000 hour rated life and a 7 year warranty, the Americanlite® SQR™ Series delivers the performance, versatility, and durability required for today's most demanding outdoor lighting projects.

### Dimensions (mm) \*Visor is optional\*



### Ordering information

| Model    | Power          | Lumens             | Beam | CCT     | Housing | Options         | Accessories    |
|----------|----------------|--------------------|------|---------|---------|-----------------|----------------|
| AL575332 | 600w/500w/400w | 85800/73500/62800  | 15°  | Blank   | 5700K   | 48 200-480V     | AL575267 Laser |
| AL575333 | 600w/500w/400w | 85800/73500/62800  | 20°  | 5 5000K | Blank   | SM Smart System |                |
| AL575334 | 600w/500w/400w | 85800/73500/62800  | 35°  | 4 4000K | G Gray  | V Visor         |                |
| AL575335 | 600w/500w/400w | 85800/73500/62800  | 55°  |         |         | Z Zhaga Base    |                |
| AL575336 | 800w/600w/450w | 114400/85800/68400 | 15°  |         |         |                 |                |
| AL575337 | 800w/600w/450w | 114400/85800/68400 | 20°  |         |         |                 |                |
| AL575338 | 800w/600w/450w | 114400/85800/68400 | 35°  |         |         |                 |                |
| AL575339 | 800w/600w/450w | 114400/85800/68400 | 55°  |         |         |                 |                |

| Model    | Power          | R/G/B/RGB               | Beam | Housing | Options         | Accessories    |
|----------|----------------|-------------------------|------|---------|-----------------|----------------|
| AL575340 | 800w/600w/450w | 23200/128000/8800/49600 | 15°  | Blank   | SM Smart System | AL575267 Laser |
| AL575341 | 800w/600w/450w | 23200/128000/8800/49600 | 20°  | G Gray  | V Visor         |                |
| AL575342 | 800w/600w/450w | 23200/128000/8800/49600 | 35°  |         | Z Zhaga Base    |                |
| AL575343 | 800w/600w/450w | 23200/128000/8800/49600 | 55°  |         |                 |                |

### Notes

- Lumen & Power tolerance up to 10%
- Lumens base on 5700K:
  - 800w = up to 143 kw
  - 600w = up to 143 kw
  - 500w = up to 147 kw
  - 450w = up to 152 kw
  - 400w = up to 157 kw
- LED Chips:
  - Bridgelux 3030
  - RGB = OSRAM 3030
  - RGB: 200-480V Only
  - NO DLC
- Driver Brand:
  - uPowerTek Fast Dimming
  - RGB = HBE
  - Smart System
  - Dynamic Effects
  - Driver Surge Protection:
    - L/N-PE:10KV L-N:6KV
    - 120,000 Hours @ <70° TC
- Housing: Aluminum Alloy
  - Thickness: 9.4mm
  - Lens: PC, Thickness: 10.4mm
  - Paint Thickness: 100-300µm
  - Salt Chamber test: 500 hours
  - BUG:
    - 600w B4-U0-G4
    - 800w B5-U0-G4
    - RGB 800w B4-U0-G5
- SPD part numbers:
  - 20KV 100-277V: ZYS-P20A
  - 20KV 277-480V: ZYS-P20H
- Microwave Sensor:
  - Part # HD06VCRH 7B
  - Remote: Part # HD06R
- Power Cable Spec:
  - 120-277V / 200-480V: Rubber 5-core cable UL certified, SOOW, Φ11.8±0.2mm, black outer sheath, black/white/green/purple/pink inner insulation, 5×0.824mm² (18AWG), 600V, 105°C, length = 1.2M
  - RGB 200-480V: Rubber three-core cable UL certified, SOOW, Φ9.4±0.3mm, black outer sheath, black/white/green inner wires, 3×0.824mm² (18AWG), 600V, 105°C, wire processing, L=1.2 meters

### Packing information

| Model     | Pieces per master | Box Dimensions (cm) | CBM (Master) | Gross Weight (KG) |
|-----------|-------------------|---------------------|--------------|-------------------|
| 600w/800w | 1                 | 71 x 41 x 31        | 0.0902       | 22.5              |
| 800w RGB  | 1                 | 71 x 41 x 31        | 0.0902       | 24.5              |



## Warranty

Americanlite® is pleased to provide a 5, 7 or 8 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.