

UL Floodlite™ Series

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We light your world™

10.16.2026



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Yoke Bracket



Knuckle Bracket

CX™

15w/30w/50w/80w

Single CCT
CCT & Power Selectable

CERTIFIED | DLC LISTED PREMIUM | Wet Location

Beam 7H7V	IP65	IK08
LM79	LM80	Lumens Up to 140LxW
VOLTS 120-277	PF ≥.90	THD ≤20%
CRI >80	CCT 3K-5K	CCT Selectable 3K-4K-5K
Power Selectable	Dim 0-10V	2.5kV Surge Protection
Photocell	50,000	-30°C~45°C
5 YEAR Warranty		

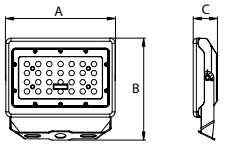
Time is money when it comes to installing and retrofitting area and site luminaires. Americanlite® CX™ Series was engineered to make installation quick and easy, saving on both installation time and costs. CX™ Series LED Flood introduces a new level of performance, versatility and value in a low-profile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

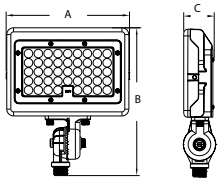
Designed to meet the toughest lighting challenges Americanlite® CX™ Series provide uniform illumination to walkways, landscape, parking lots, roadways, building areas and security lighting applications.

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 — **Lumens / CCT**

Item	Power	CCT	Lumens	3000K	4000K	5700K
AL575270	15w	5000K	1860	1800	1830	1905
AL575271	30w	5000K	4020	3900	3960	4020
AL575272	50w	5000K	7000	6750	6900	7100
AL575273	80w	5000K	10880	10240	10800	11040

CCT		Brackets	
Blank	5000K	K	Knuckle (15w / 30w)
5	5700K	Y	Yoke (50w / 80w)
4	4000K		
3	3000K		

CCT & Power Selectable

AL575274 30w

Power	CCT	Lumens
30w	3K/4K/5K	3900/3960/4020
20w	3K/4K/5K	2600/2840/2680

AL575275 50w

Power	CCT	Lumens
50w	3K/4K/5K	6750/6900/7000
35w	3K/4K/5K	4725/4830/4900

AL575276 80w

Power	CCT	Lumens
80w	3K/4K/5K	10240/10800/11040
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



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NX™

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

CERTIFIED | DLC LISTED PREMIUM | Wet Location

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

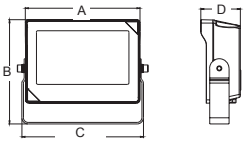
Time is money when it comes to installing and retrofitting area and site luminaires. Americanlite® NX™ Series was engineered to make installation quick and easy, saving on both installation time and costs. NX™ Series LED Flood introduces a new level of performance, versatility and value in a low-profile 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
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	
Blank	5000K	**S1**	SPD 10Kv	**Blank**	Bronze
5	5700K			**W**	White
4	4000K			**B**	Black
3	3000K				

CCT & Power Select

AL675224 25w

Power	CCT	Lumens
25w	3K/4K/5K	3300/3475/3475
15w	3K/4K/5K	1980/2085/2085
10w	3K/4K/5K	1320/1390/1390

AL675225 35w

Power	CCT	Lumens
35w	3K/4K/5K	4620/4865/4865
25w	3K/4K/5K	3300/3475/3475
15w	3K/4K/5K	1920/2085/2085

AL675226 60w

Power	CCT	Lumens
60w	3K/4K/5K	7920/8340/8340
35w	3K/4K/5K	4620/4865/4865
15w	3K/4K/5K	1980/2085/2085

Options	
S1	SPD 10Kv
Blank	Bronze
W	White
B	Black

AL675227 80w

Power	CCT	Lumens
80w	3K/4K/5K	10560/11120/11120
60w	3K/4K/5K	7920/8340/8340
45w	3K/4K/5K	5940/6255/6255

AL675228 100w

Power	CCT	Lumens
100w	3K/4K/5K	13200/13900/13900
80w	3K/4K/5K	10560/11120/11120
60w	3K/4K/5K	7920/8340/8340

AL675229 120w

Power	CCT	Lumens
120w	3K/4K/5K	15840/16680/16680
100w	3K/4K/5K	13200/13900/13900
80w	3K/4K/5K	10560/11120/11120

AL675230 150w

Power	CCT	Lumens
150w	3K/4K/5K	19800/20850/20850
120w	3K/4K/5K	15840/16680/16680
100w	3K/4K/5K	13200/13900/13900

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

Packing information

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



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FX™

25w/35w/80w
150w/300w
Power, CCT & Beam Selectable

Beam 7H6V | Beam 6H6V | Beam 5H5V

cULus CERTIFIED | DLC LISTED PREMIUM | RoHS

Wet Location | IK08 | IP65

LM79 | LM80 | Lumens Up to 155LxW

Beam Selectable | Power Selectable | 3CCT Selectable

0-10V Dimming | D4i DALI | VOLTS 120-277

Up to 10kV Surge Protection | THD ≤20% | CRI >80

PF ≥.90 | BUG See Note | SDCM <6

-40°C~50°C | 120,000 | 7 YEAR 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.

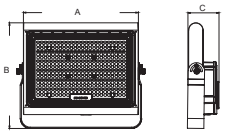
Engineered for maximum performance, the FX™ Series delivers high luminous efficacy of up to 155 lumens per watt, providing powerful illumination while significantly reducing energy consumption. This combination of performance and efficiency makes it an ideal solution for large-scale outdoor environments 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
AL674604	25w	3K/4K/5K	7H6V/6H6V/5H5V	3625/3875/3750
	18w	3K/4K/5K	7H6V/6H6V/5H5V	2610/2790/2700
	12w	3K/4K/5K	7H6V/6H6V/5H5V	1740/1860/1800
AL674605	35w	3K/4K/5K	7H6V/6H6V/5H5V	5075/5425/5250
	25w	3K/4K/5K	7H6V/6H6V/5H5V	3625/3875/3750
	15w	3K/4K/5K	7H6V/6H6V/5H5V	2175/2325/2250
AL674606	80w	3K/4K/5K	7H6V/6H6V/5H5V	11600/12400/12000
	60w	3K/4K/5K	7H6V/6H6V/5H5V	8700/9300/9000
	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

Mount Bracket

Blank	Yoke
T	Trunnion
S	Slipfitter

Finish

Blank	Bronze
W	White
B	Black

Options

D	D4i / Dali2
34	120-347V
48	277-480V (150/300W)
3P	3P Base + Photocell
MS	Microwave Sensor
PIR	PIR Sensor
VS	Visor / Light Shield
SP2	20KV SPD

Accessory

AL6746264 RC

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
- D4i / Dali2 = No UL / DLC Drivers = 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-300w =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 3×0.824MM2, 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 3×0.824MM2, 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



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QX™

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

Single CCT / Single Power
CCT & Power Selectable


300-200w


100-15w

CERTIFIED | DLC LISTED PREMIUM | Wet Location

Beam 7H7V	Beam 7H6V	Beam 6H6V
Beam 5H5V	IP65	IK07
LM79	LM80	Lumens Up to 155LxW
VOLTS 120-277	PF ≥.90	THD ≤20%
CRI >80	CCT Selectable 3K-4K-5K	CCT 3K-57K
Power Selectable	Dim 0-10V	Up to 10kV SP
100,000	-40°C~50°C	5 YEAR Warranty

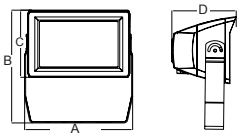
Time is money when it comes to installing and retrofitting area and site luminaires. Americanlite® QX™ Series was engineered to make installation quick and easy, saving on both installation time and costs. QX™ Series LED Flood introduces a new level of performance, versatility and value in a robust and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

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

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

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

Dimensions (mm)



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

Measurement Tolerance ±5mm

Ordering information

Single Power / Single CCT

Item	Power	CCT	Lumens
AL675231	15w	5000K	2250
AL675232	30w	5000K	4500
AL675233	60w	5000K	9000
AL675234	80w	5000K	12000
AL675235	100w	5000K	15000

Item	Power	CCT	Lumens
AL675237	150w	5000K	22500
AL675238	200w	5000K	30000
AL675239	240w	5000K	36000
AL675240	300w	5000K	45000

CCT		Dist. Type		Options		Finish	
Blank	5000K	Blank	7H7V (15w-100w)	S2	SPD 20Kv	Blank	Bronze
5	5700K	7	7H6V (150w, 200w-300w)	3B	3 Pin Photobase*	W	White
4	4000K	6	6H6V (150w, 200w-300w)	7B	7 Pin Photobase*	B	Black
3	3000K	5	5H5V (200w-300w)	48	277-480V (80w-300w)		

CCT & Power Select

AL675241 15w

Power	Lumens @ 3K/4K/5K
15w	2100/2325/2250
10w	1400/1550/1500
5w	700/775/750

AL675242 30w

Power	Lumens @ 3K/4K/5K
30w	4200/4650/4500
25w	3500/3852/3750
15w	2100/2325/2250

AL675243 60w

Power	Lumens @ 3K/4K/5K
60w	8400/9300/9000
50w	7000/7750/7500
40w	600/6200/6000

AL675244 80w

Power	Lumens @ 3K/4K/5K
80w	11200/12400/12000
70w	9800/10850/10500
50w	7000/7750/7500

AL675245 100w

Power	Lumens @ 3K/4K/5K
100w	14000/15500/15000
80w	11200/12400/12000
60w	8400/9300/9000

AL675246 150w

Power	Lumens @ 3K/4K/5K
150w	21000/23250/22500
120w	16800/18600/18000
80w	11200/12400/12000

AL675247 200w

Power	Lumens @ 3K/4K/5K200w
200w	28000/31000/30000
150w	21000/23250/22500
120w	16800/18600/18000

AL675248 240w

Power	Lumens @ 3K/4K/5K
240w	33600/37200/33600
200w	28000/31000/28000
150w	21000/23250/21000

AL675249 300w

Power	Lumens @ 3K/4K/5K
300w	42000/46500/45000
240w	33600/37200/36000
200w	28000/31000/30000

Dist. Type		Options		Finish	
Blank	7H7V (15w-100w)	S2	SPD 20Kv	Blank	Bronze
7	7H6V (150w, 200w-300w)	3B	3 Pin Photobase*	W	White
6	6H6V (150w, 200w-300w)	7B	7 Pin Photobase*	B	Black
5	5H5V (200w-300w)	48	277-480V (80w-300w)		

Notes

- LED Chips = Lumileds 2835
- Driver Surge Protection:
  15-30w = L/N-PE: 6kV, L-N: 2.5kV
  60w = L/N-PE: 6kV, L-N: 6kV
  80w = L/N-PE: 6kV, L-N: 4kV
  100-300w = L/N-PE: 6kV, L-N: 6kV
- Driver Brand:
  15w-60w = HBE
  80w-300w = Lifud
  277-480V / 80w-300w = Fahold
- 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 (Φ8±0.3MM),
  Black/white/green wire core,
  wire 3×0.824MM2, 18AWG,
  105°C, 300V (Standard wire is 1.2m, outside 1m)

Packing information

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
15w/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

07.20.2026



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150w-500w



20w-80w

UX™

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

CERTIFIED | DLC LISTED PREMIUM | Wet Location | 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 | Photocell | CRI >80 | Up to 130,000 | -40°C~50°C | 5 YEAR Warranty

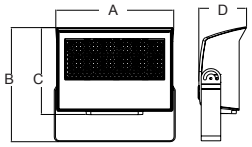
Americanlite® UX™ Series LED Flood introduces a new level of performance, versatility and value in an Industrial Grade design that delivers significant installation and energy savings. The innovative thermal management design maximizes heat dissipation resulting in longer fixture and LED life. We have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

Beam		Options		Finish	
Blank	90° / 75° / 55°	**S1**	SPD 10Kv (<80w)	**Blank**	Bronze
B2	30° / 25° / 20° (for 250w-500w)	**S2**	SPD 20Kv (all watts)	**W**	White
		48	277-480V	**B**	Black
		3P	3Pin Base + Photocell		

Notes

- Lumen Tolerance = ± 10%
- Lumens / Beam 35° / 30° / 20°
  3K = up to 150 lxw
  4K = up to 160 lxw
  5K = up to 155 lxw
- Beam Selectable:
  20w-150w = 90° / 75° / 55°
  250w-500w = 90° / 75° / 55°
  35° / 30° / 20°
- LED Chips = Lumileds 2835
- Surge Protection:
  20w/35w = L/N-PE: 2.5kV, L-N: 2.5kV
  60w = L/N-PE: 6kV, L-N: 6kV
  80w = L/N-PE: 6kV, L-N: 4kV
  150w-500w = L/N-PE: 6kV, L-N: 6kV
- 10KV SPD included: 80w-500w
- Driver Brand:
  20w=60w = HB
  80w/150w = Lifud
  250w/500w = Sosen
- BUG:

20w	B2-U2-G0
35w	B3-U0-G0
60w	B3-U0-G1
80w	B4-U0-G1
150w	B5-U0-G1
250w-320w	B5-U0-G3
420w	B5-U0-G1(90°) B5-U0-G2 (75°) B5-U0-G3 (55°)
500w	B5-U0-G2

- EPA:
  20w= 0.3ft²
  35w= 0.34ft²
  60w= 0.5ft²
  80w= 0.65ft²
  150w= 0.8ft²
  250w/320w= 1.6ft²
  420w/500w= 2.48ft²
- Hours / lifetime:
  20w-60w=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 (Φ8±0.3MM), Black/white/green wire core,wire 3×0.824MM2, 18AWG,105°C, 300V (Standard wire is 1.2m, outside 1m)

Packing information

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

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PX Pro™

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

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
-40°C~50°C	7 YEAR Warranty	

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.

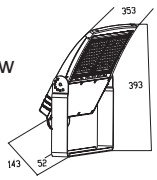
The PX Pro™ luminaire delivers an innovative thermal management design that maximizes heat dissipation resulting in longer fixture and LED life. Housing and cast parts are finished in polyester powder coat paint, for superior protection against fade and wear; the standard finish is bronze. (White color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

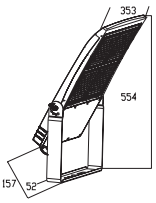
The designed optics from the PX Pro™ Series offer uniform illumination for parking lots, streets, paths, interior spaces of buildings, and security lighting applications. These stylish lights offer exceptional illumination, simple installation, and the Americanlite® reliability you've come to expect.

Dimensions (mm)

100w-150w



200w/240w/300w



Ordering information

Item	Power Select	CCT	Lumens
AL574381Y	100w/80w/60w	5000K	16000/12800/9600
AL574382Y	150w/120w/100w	5000K	24000/19200/16000
AL574383Y	200w/180w/150w	5000K	32000/28800/24000
AL574384Y	240w/200w/180w	5000K	38400/32000/28800
AL574385Y	300w/240w/200w	5000K	48000/38400/32000

Item	Single Power	CCT	Lumens
AL574386Y	120w	5000K	19200

CCT		Options	
Blank	5000K	**MS**	Motion Sensor # HB01DMS
57	5700K	**PM**	PIR Sensor # HB02DPR
4	4000K	**W**	White Finish
3	3000K	**48**	277-480V

Notes

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



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PXS™

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

Beam 7H6V | Beam 7H5V | Beam 6H7V | Beam 6H7V | cULus CERTIFIED | DLC LISTED PREMIUM | RoHS | Wet Location | IP66 | IK08 | LM79 | LM80 | tuya | Bluetooth | 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 | -40°C~50°C | 7 YEAR 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.

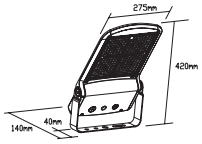
PXS™ luminaire delivers an innovative thermal management design that maximizes heat dissipation resulting in longer fixture and LED life. Housing and cast parts are finished in polyester powder coat paint, for superior protection against fade and wear; the standard finish is bronze. (White color available).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

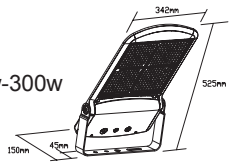
The PXS™ Series' engineered optics provide uniform illumination for parking lots, streets, walkways, building interiors, and security lighting applications. These fashionable lights provide excellent illumination, easy installation, and the dependability you've come to expect from Americanlite®.

Dimensions (mm)

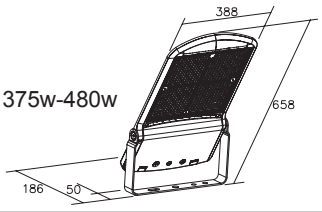
70w-150w



200w-300w



375w-480w



Ordering information

Power & CCT Selectable

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

Options

S2	Surge Protector 20Kv	**Blank T5**	6H7V 120°x140°	HB03R = Remote control for Sensors
MS	Motion Sensor # HB01DMS	**T4**	6H7V 120°x135°	
PM	PIR Sensor # HB02DPR	**T3**	7H5V 150°x110°	
W	White Finish	**T2**	7H6V 155°x110°	
48	277-480V			

Single Power / CCT

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

CCT

Blank	5000K
65	6500K
57	5700K
4	4000K
3	3000K

Options

S2	Surge Protector 20Kv	**Blank T5**	6H7V 120°x140°	HB03R = Remote control for Sensors
MS	Motion Sensor # HB01DMS	**T4**	6H7V 120°x135°	
PM	PIR Sensor # HB02DPR	**T3**	7H5V 150°x110°	
W	White Finish	**T2**	7H6V 155°x110°	
48	277-480V			

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 (Φ8±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



americanlite®



PXE™

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

Beam 7H5V | Beam 6H7V | Beam 6H7V

cULus CERTIFIED | DLC LISTED PREMIUM | RoHS

Wet Location | IP65 | IK07

LM79 | LM80 | tuya

Bluetooth | 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

5 YEAR Warranty

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.

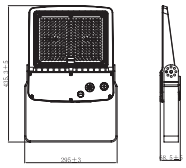
Time is money when it comes to installing and retrofitting area and site luminaires. The PXE™ was engineered to make installation quick and easy; saving on both installation time and costs. The PXE™ luminaire delivers an innovative thermal management design that maximizes heat dissipation resulting in 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.

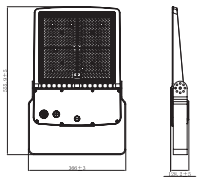
The PXE™ engineered optics provide uniform illumination to walkways, parking lots,roadways, building areas and security lighting applications. Able to replace HID fixtures the PXE™ is designed to meet the toughest lighting challenges.

Dimensions (mm)

80w-200w



240w-300w



Ordering information

Single Power

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

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

CCT	
Blank	5000K
6	6500K
5	5700K
4	4000K
3	3000K

Beam	
Blank T5	6H7V 120°x140°
T4	6H7V 120°x135°
T3	7H5V 150°x110°

Housing	
Blank	Bronze
G	Gray
W	White

Options	
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
  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



americanlite®



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.

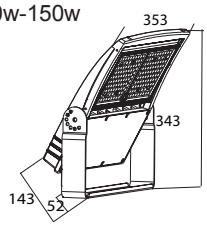
The PX4™ engineered optics provide uniform illumination to walkways, parking lots, roadways, building areas and security lighting applications. Able to replace HID fixtures the PX4™ is designed to meet the toughest lighting challenges.

CERTIFIED | DLC LISTED PREMIUM | RoHS

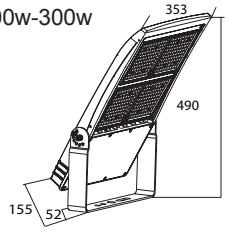
Beam 7H5V	**Beam** 6H7V	**Beam** 6H7V
Wet Location	**IP66**	**IK08**
LM79	**LM80**	tuya
Bluetooth	**Lumens** Up to 145LxW	**Power** Selectable
VOLTS 120-277 277-480	**PF** ≥.90	**THD** ≤20%
CRI > 80	**CCT** 5000K	**Dim** 1-10V
10kV Surge Protection	100,000	-35°C~50°C
5 YEAR Warranty		

Dimensions (mm)

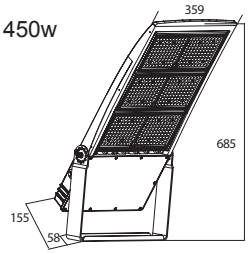
100w-150w



200w-300w



450w



Ordering information

Single Power

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

Power Selectable

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

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

Notes

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



americanlite®



PX5™

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

Symmetric 60° | Asymmetric 130°x 60° | Asymmetric 120°x 90°

cULus CERTIFIED | DLC LISTED PREMIUM | CE | RoHS | Wet Location | IP66 | IK09 | 3G VIBRATION | LM79 | LM80 | POWER Selectable | CCT Selectable | Lumens Up to 165LxW | Dim 0-10V | VOLTS 100-277 200-480 | 10kV Surge Protection | CRI > 70 | PF >.90 | THD ≤20% | SDCM ≤7 | -40°C~45°C | 120,000 | 5 YEAR Warranty

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

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

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

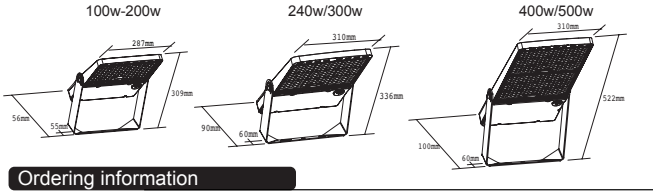
The electrical system incorporates a high-performance LED driver with input voltage options of 100–277V or 200–480V, power factor >0.90, and total harmonic distortion ≤20%, ensuring stable operation across varying grid conditions. Standard 0–10V dimming allows flexible control, while an integrated 10kV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

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

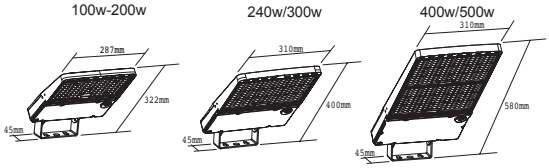
The PX5™ Series is suitable for building façades, parking areas, industrial sites, sports facilities, signage, and general outdoor lighting, delivering a reliable and energy-efficient solution with reduced maintenance requirements.

Dimensions (mm)

Yoke Bracket



Trunnion Bracket



Ordering information

3K/4K/5K

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

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

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

4K/5K/57K

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

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

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

Brackets

Y	Yoke
T	Trunnion

Options

P	Internal photocell
S2	20KV SPD
MS	Motion Sensor
RC	Remote Control
48	200-480V

Housing

Blank	Bronze
B	Black

Notes

- Power & CCT Selectable 3K/4K/5K: Lumens based on 4000K
  5000K = 145 lxw
  4000K = 165 lxw
  3000K = 145 lxw
- Power & CCT Selectable 4K/5K/57K: Lumens based on 5000K
  4000K = 150 lxw
  5000K = 165 lxw
  5700K = 150 lxw
- 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
- Cable: 120-277V = UL certified, SJOW, Black color (Φ7.8±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 (Φ7.4±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 # BRI820
- Remote Control = Part # RC-100
- Internal Photcell Brand = Lifud
- Arm compartment: 40-60mm
- Universal Mount: 4 in 1 Slipfitter, Square Pole, Round Pole Wall Mount
- Optical Distributions: 60° symmetric
  130° x 60° (H x V) asymmetric
  120° x 90° (H x V) asymmetric
- Fixture Complies:
  UL 1598
  IEC 60598-1
  IEC 60598-2-3
  IEC 62031
  IEC 62321-3-1
  IEC TR 62778
  IP66 = IEC 60529
  IK09 = IEC 62262:2002+AMD1:2021
  Salt chamber: 500 hours
  Vibration = ANSI C136.31 2018
  SPD = UL1449 and IEEEC62.41.2 C

Packing information

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



americanlite®



SQS Pro™ Series

Professional Stadium & High Mast
300w /315w /600w / 900w /1200w
Power Selectable & Single Power RGB

Product Overview

CERTIFIED

IP66 | IK08 | LM80

Lumens up to 161LxW | 30°-90° Beam Angle | VOLTS 120-277 200-480

0-10V Dimming | D4i DALI | DMX 512

RGBW | 10kV Surge Protection | CCT 4-57K

PF ≥0.90 | CRI >70 | THD ≤20%

-40°C~50°C | 120,000 | 8 YEAR Warranty

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, 315W, 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.

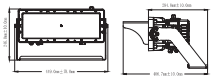
Designed for maximum optical performance, the SQS Pro™ is available with 30°, 40°, 60°, and 90° beam distributions, delivering exceptional uniformity and precise light placement. On multi module models, each LED module can be independently adjusted, allowing lighting designers to optimize beam aiming 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.

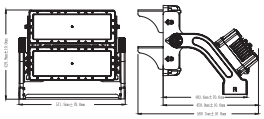
Whether illuminating a professional sports venue or a demanding industrial site, the SQS Pro™ delivers exceptional light output, precision optics, and industrial grade durability. It is the ideal solution for stadiums, sports complexes, soccer fields, baseball and softball fields, tennis courts, high 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*

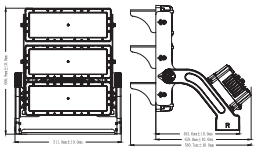
300w/315w



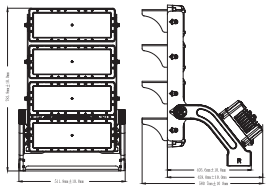
600w



900w



1200w



Ordering information

Power Selectable

Model	Power	Lumens	Beam
AL575300	300/200/100w	46500/31600/16100	30°
AL575301	300/200/100w	46500/31600/16100	40°
AL575302	300/200/100w	46500/31600/16100	60°
AL575303	300/200/100w	46500/31600/16100	90°
AL575304	600/500/400w	90000/76500/62400	30°
AL575305	600/500/400w	90000/76500/62400	40°
AL575306	600/500/400w	90000/76500/62400	60°
AL575307	600/500/400w	90000/76500/62400	90°
AL575308	900/800/700w	135000/122400/109200	30°
AL575309	900/800/700w	135000/122400/109200	40°
AL575310	900/800/700w	135000/122400/109200	60°
AL575311	900/800/700w	135000/122400/109200	90°
AL575312	1200/1000/800w	180000/154000/126400	30°
AL575313	1200/1000/800w	180000/154000/126400	40°
AL575314	1200/1000/800w	180000/154000/126400	60°
AL575315	1200/1000/800w	180000/154000/126400	90°

Single Power

Model	Power	Lumens	Beam
AL575316	300w	46500	30°
AL575317	300w	46500	40°
AL575318	300w	46500	60°
AL575319	300w	46500	90°
AL575320	600w	90000	30°
AL575321	600w	90000	40°
AL575322	600w	90000	60°
AL575323	600w	90000	90°
AL575324	900w	135000	30°
AL575325	900w	135000	40°
AL575326	900w	135000	60°
AL575327	900w	135000	90°
AL575328	1200w	180000	30°
AL575329	1200w	180000	40°
AL575330	1200w	180000	60°
AL575331	1200w	180000	90°

RGBW / NO UL

Model	Power	R/G/B/W/RGBW	Beam	Control Sytem
AL575344	315w	6300/44100/3780/40950/23782	30°	DMX
AL575345	1200w	24000/168000/14400/150000/90600	30°	D4i / Dali2
AL575346	1200w	24000/168000/14400/150000/90600	30°	DMX 512

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
- Lumens RGBW:
  Red = 20 lxw / G = 140 lxw
  Blue = 12 lxw / W = 130 lxw
  RGBW = 75.5 lxw
- Lumen Tolerance up to 10%
- With Visor @ 8% less lumens
- LED Chips:Lumileds 2838
  RGB:
  Osram 3030
  White Light = Bridegelux3030
- Complies with DLC Standards
- D4i / Dali2 = No UL
- Modules: UP/Down 15°
  Fixture Tilt: 90° Down / 60° Up
- Drivers: Sosen Brand
  ROHS IP67:
  900w (120-277V / 200-480V)
  1200w (200-480V)
  RGBW = Inventronics
- Driver Qty:
  300w/900w = 1 pc
  600w = 2 pcs
  1200w = 4 pcs
  1200w 200-480V =1 pc
  1200w RGBW = 4 pcs
- 120,000 hours @ TC<70°C
- Housing: Aluminum Alloy
  Thickness: 2.2mm
- Lens: PC, Thickness: 5mm
  Glass, Thickness: 5mm
- Color: Pantone 10103C
  Thickness: 60-120μm
- DMX RGBW 315w:
  NO UL W=4000-5700K
  Driver:HBE #HB-320CE-60-BH
  Led: Osram3030+Bridegelux30303
- DMX RGBW 1200w No UL
  Driver#HB-320CE-60BH (4p)
  Led: Osram3030
- EPA:
  300w / 315w = 1.16ft²
  600w = 2.30ft²
  900w = 3.321ft²
  1200w = 4.30ft²
- SPD part numbers:
  20KV 100-277V: ZYS-P20A
  20KV 277-480V: ZYS-P20H
- Salt Chamber test: 500
- 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

Packing information with different Bracket, box dimension will vary

Model	Pieces per master	Box Dimensions (cm)	CBM (Master)	Gross Weight (KG)
300w / 315w	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	86.5 x 56 x 50.5	0.2445	24



americanlite®



SQR™ Series

600w / 800w

Power Selectable

RGB

CERTIFIED | DLC LISTED PREMIUM | Wet Location | IP66 | IK08 | Power Selectable | LM79 | LM80 | TM21 | Lumens up to 157 LxW | CCT 4-57K | RGB | CRI >70 | Beam 15°- 35° | VOLTS 120-277 200-480 | Dim 0-10V | 20kV SPD | THD ≤20% | PF ≥.90 | SDCM >6 | B4-U0-G4 B5-U0-G4 B4-U0-G5 | 120,000 | -40°C~45°C | 7 YEAR Warranty

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.

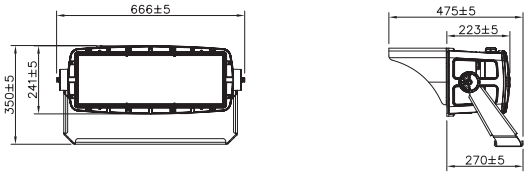
Available with an advanced RGB lighting option, the SQR™ Series transforms sports venues and entertainment facilities into dynamic environments with vibrant color scenes and special event lighting. For even greater flexibility, optional Smart System compatibility enables intelligent fixture control, 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
AL575332	600w/500w/400w	85800/73500/62800	15°
AL575333	600w/500w/400w	85800/73500/62800	20°
AL575334	600w/500w/400w	85800/73500/62800	35°
AL575335	600w/500w/400w	85800/73500/62800	55°
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°

CCT		Housing		Options		Accessories	
Blank	5700K	**Blank**	Black	**48**	200-480V	AL575267	Laser
5	5000K	**G**	Gray	**SM**	Smart System		
4	4000K			**V**	Visor		
				Z	Zhaga Base		

Model	Power	R/G/B/RGB	Beam
AL575340	800w/600w/450w	23200/128000/8800/49600	15°
AL575341	800w/600w/450w	23200/128000/8800/49600	20°
AL575342	800w/600w/450w	23200/128000/8800/49600	35°
AL575343	800w/600w/450w	23200/128000/8800/49600	55°

Housing		Options		Accessories	
Blank	Black	**SM**	Smart System	AL575267	Laser
G	Gray	**V**	Visor		
		Z	Zhaga Base		

Notes

- Lumen & Power tolerance up to 10%
- Lumens base on 5700K:
  800w = up to 143 lxw
  600w = up to 143 lxw
  500w = up to 147 lxw
  450w = up to 152 lxw
  400w = up to 157 lxw
- LED Chips:
  Bridgelux 3030
- RGB Lumens based on 800w:
  Red = 29 lxw
  Green = 160 lxw
  Blue = 11 lxw
  RGB = 62 lxw
- LED Chips:
  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□, 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.