LED®

Floodlite™

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We light your world™

CE

10.15.26

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Product Overview

FLC Pro™ Series

Power & CCT Selectable
10w/20w/30w/50w
100w/150w/200w/300w

IP65 | IK05

Power Selectable | 3CCT Selectable | Lumens up to 120 L/W

120° Beam Angle | VOLTS 100-277 | 2KV Surge Protection

PF 0.90 | THD <20% | CRI >80

SDCM >6 | -20°C to 45°C | 30,000

3 YEARS Warranty

Americanlite® FLC Pro™ Series floodlights are premium, highly adaptable LED luminaires engineered to provide maximum flexibility for a wide range of area-lighting applications. Built on a robust platform with proven thermal and mechanical design, the FLC Pro™ Series is optimized for projects that require field adjustability, simplified specification, and reduced inventory complexity.

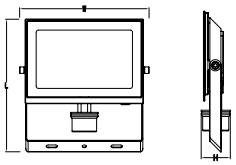
The FLC Pro™ Series features Americanlite® Power and CCT Selectable technology, utilizing integrated on-fixture switching to allow field adjustment of both lumen output and correlated color temperature. Each luminaire is equipped with dual onboard switches that enable selection of 3 wattage settings and 3 correlated color temperature options, allowing a single fixture to support multiple lighting requirements. Available CCT selections include 3000K, 4000K, 5000K / 3000K, 4000K, 6500K, or 4000K, 5000K, 6500K, depending on model configuration.

This field-adjustable architecture allows installers and specifiers to fine-tune light output and color temperature at the job site, reducing the need for multiple SKUs while accommodating changing application requirements. Power selection further enables optimization of energy consumption and illumination levels without fixture replacement.

The luminaire incorporates a durable die-cast aluminum housing with an efficient heat-sink design to maintain stable thermal performance and support long-term operation across specified ambient conditions. A tempered glass lens provides enhanced impact resistance and improved safety compared to standard glass. Each fixture is also equipped with integrated 2KV surge protection, providing added resilience against electrical transients and voltage spikes commonly encountered in outdoor and commercial installations. The FLC Pro™ Series operates on a universal input voltage range of 100–277V, 50/60Hz, supporting broad installation flexibility.

Designed for wall, pole, and ground mounting, the Americanlite® FLC Pro™ Series is suitable for applications such as parking areas, security lighting, building facades, landscaping, and general area illumination. With advanced Power and CCT Selectable functionality, integrated surge protection, and a durable construction platform, the FLC Pro™ Series delivers a premium, adaptable lighting solution for projects requiring flexibility, control, and long-term performance.

Dimensions (mm)



Model	L	W	H
10w	101.7	85.9	26
20w	131.8	107	27.3
30w	163.7	116.9	26
50w	209.8	168.2	28.6
100w	300.1	215.1	27.3
150w	334.1	255.1	29
200w	355	256	37
300w	460	310	50

Ordering information

Item	Power	3000K	4000K	5000K
AL675140	10w	1100	1200	1200
	7w	770	840	840
	5w	550	600	600
AL675141	20w	2200	2400	2400
	15w	1650	1800	1800
	10w	1100	1200	1200
AL675142	30w	3300	3600	3600
	22w	2420	2640	2640
	15w	1650	1800	1800
AL675143	50w	5500	6000	6000
	37w	4070	4440	4440
	25w	2750	3000	3000
AL675144	100w	11000	12000	12000
	75w	8250	9000	9000
	50w	5500	6000	6000
AL675145	150w	16500	18000	18000
	112w	12320	13440	13440
	75w	8250	9000	9000
AL675146	200w	22000	24000	24000
	150w	16500	18000	18000
	100w	11000	12000	12000
AL675147	300w	33000	36000	36000
	225w	24750	27000	27000
	150w	16500	18000	18000

Item	Power	3000K	4000K	6500K
AL675148	10w	1100	1200	1200
	7w	770	840	840
	5w	550	600	600
AL675149	20w	2200	2400	2400
	15w	1650	1800	1800
	10w	1100	1200	1200
AL675150	30w	3300	3600	3600
	22w	2420	2640	2640
	15w	1650	1800	1800
AL675151	50w	5500	6000	6000
	37w	4070	4440	4440
	25w	2750	3000	3000
AL675152	100w	11000	12000	12000
	75w	8250	9000	9000
	50w	5500	6000	6000
AL675153	150w	16500	18000	18000
	112w	12320	13440	13440
	75w	8250	9000	9000
AL675154	200w	22000	24000	24000
	150w	16500	18000	18000
	100w	11000	12000	12000
AL675155	300w	33000	36000	36000
	225w	24750	27000	27000
	150w	16500	18000	18000

Item	Power	4000K	5000K	6500K
AL675156	10w	1200	1200	1200
	7w	840	840	840
	5w	600	600	600
AL675157	20w	2400	2400	2400
	15w	1800	1800	1800
	10w	1200	1200	1200
AL675158	30w	3600	3600	3600
	22w	2640	2640	2640
	15w	1800	1800	1800
AL675159	50w	6000	6000	6000
	37w	4440	4440	4440
	25w	3000	3000	3000
AL675160	100w	12000	12000	12000
	75w	9000	9000	9000
	50w	6000	6000	6000
AL675161	150w	18000	18000	18000
	112w	13440	13440	13440
	75w	9000	9000	9000
AL675162	200w	24000	24000	24000
	150w	18000	18000	18000
	100w	12000	12000	12000
AL675163	300w	36000	36000	36000
	225w	27000	27000	27000
	150w	18000	18000	18000

Housing	
Blank	Black
G	Gray
W	White

Notes

- Lumen & Power tolerance up to 10%
- Lumens:

3K/4K/5K	3K/4K/55K	4K/5K/65K
3K = 110 lxw	3K = 110 lxw	4K = 120 lxw
4K = 120 lxw	4K = 120 lxw	5K = 120 lxw
65K = 120 lxw	5K = 120 lxw	65K = 120 lxw

- LED Chip Brand: BMTC SMD2835
- Die cast Aluminum housing Thickness:
  10w -50w = 1 mm
  100w / 150w = 1.2 mm
  200w / 300w = 1.5 mm
- Tempered Glass Thickness:
  10w -150w = 3.2 mm
  200w / 300w = 4 mm
- Cable:
  Rubber Cable: = 3*0.75mm^2
  Length: 0.21meters
- Recommended use: 12 hours / day to prevent product damage or voided warranty

Packing information

Model	CBM (Master)	Pieces / master	Master Carton Dim. (cm)	G.W. (KGS)
10w	0.0156	20	24 x 39.5 x 16.5	
20w	0.0225	20	30 x 39.5 x 19	
30w	0.3036	20	37.5 x 39.5 x 20.5	
50w	0.4582	20	45.5 x 39.5 x 25.5	

Model	CBM (Master)	Pieces / master	Master Carton Dim. (cm)	G.W. (KGS)
100w	0.0802	20	64.5 x 39.5 x 31.5	
150w	0.5262	10	36.5 x 39.5 x 36.5	
200w	0.0604	10	42.5 x 39.5 x 36	
300w	0.0728	5	47.5 x 46.5 x 33	

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Product Overview

500w/600w 100w-400w 10w-50w

FLX™ Series

10w/20w/30w/50w 100w/150w/200w/300w/400w 500w/600w

IP66 | IK06 | DOB Tech

Lumens up to 120 L/W | CRI >80 | 110° Beam Angle

VOLTS 100-277 | PF 0.90 | THD <20%

up to 4KV Surge Protection | CCT 3K-65K | -10°C-45°C

50,000 | 3 YEARS Warranty

Americanlite® FLX™ Series floodlights are high-performance LED luminaires engineered for demanding arealighting applications requiring exceptional light output, durability, and reliability. Designed around a newgeneration platform, the FLX™ Series combines modern styling, robust construction, and high-efficiency LED technology to deliver up to 120 lumens per watt while supporting wattages up to 600 watts.

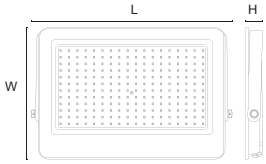
Built for commercial, industrial, and large-area illumination projects, the FLX™ Series provides powerful and uniform light distribution for parking lots, security lighting, warehouses, logistics centers, building facades, ports, recreational facilities, and general outdoor area lighting. The expanded wattage range allows a single family of products to address applications ranging from small security installations to large-scale high-mast and perimeter lighting projects.

The FLX™ Series features a rugged die-cast aluminum housing with an advanced thermal management system designed to maximize heat dissipation and maintain stable LED operating temperatures. This optimized thermal performance contributes to long service life, consistent lumen maintenance, and dependable operation across a wide range of ambient conditions. Corrosion-resistant construction and an IP66 rating make the fixture suitable for challenging outdoor environments.

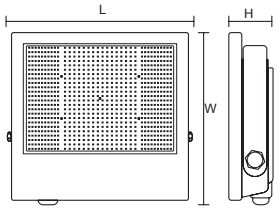
A tempered glass lens provides superior impact resistance and enhanced safety compared to conventional glass. Universal 100-277V operation allows flexibility across a variety of electrical systems, while integrated surge protection of up to 4kV helps protect the luminaire against voltage transients commonly found in outdoor installations.

Available from 10W through 600W, the Americanlite® FLX™ Series delivers the performance, scalability, and reliability required for today's professional lighting projects. Combining high efficacy, rugged construction, and powerful lumen packages of up to 72,000 lumens, the FLX™ Series establishes a new benchmark for valuedriven high-output floodlighting solutions.

Dimensions (mm)



Model	L	W	H
10w	102	70	24
20w	127	90	24
30w	160	110	24
50w	188	132	24
100w	277	192	24
150w	330	224	25
200w	398	266	25
300w	508	317	25
400w	551	345	30



Model	L	W	H
500w	540	469.8	47.7
600w	540	469.8	47.7

Ordering information

Item	Watts	Lumens
AL675180	10w	1200
AL675181	20w	2400
AL675182	30w	3600
AL675183	50w	6000
AL675184	100w	12000
AL675185	150w	18000

Item	Watts	Lumens
AL675186	200w	24000
AL675187	300w	36000
AL675188	400w	48000
AL675189	500w	60000
AL675190	600w	72000

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

Housing	
Blank	Black

Option	
C1	1 m cable

Notes

- Lumen & Power tolerance up to 10%
- Lumens
  6500K = 120 lxw
  5000K = 115 lxw
  4000K = 115 lxw
  3000K = 110 lxw
- LED Chips Brand: Sanan
- Cable spec:
  20AWG
  Length = 20cm
  10w-400w = 0.75mm²
  500w/600w = 1mm²
- Surge Protection:
  10w-200w = 2KV
  300w-600w = 4KV
- Die Cast Aluminum Housing Thickness:
  10w-50w = 0.8 mm
  100w/150w = 0.9 mm
  200w =1mm
  300w =1.2mm
  400w =1.3mm
  500w/60w =1.4mm
- Tempered Glass Thickness:
  10w-30w = 2.7 mm ± 0.25mm
  50w-400w = 3.0 mm ± 0.25mm
  500w/600w = 3.6mm ± 0.3mm
- Recommended use:
  12 hours / day to prevent product damage or voided warranty

Packing information

Model	Pieces / master	Carton Dimensions (cm)	CBM per master	Gross Weight (KG)
10w	60	33 x 32 x 18.5	0.0195	8
20w	48	41.5 x 26 x 22.5	0.0242	9.5
30w	40	34.5 x 32 x 26.5	0.0231	11.8
50w	28	40 x 23 x 21	0.0193	11.8
100w	16	57.5 x 26 x 22	0.0328	13.7
150w	10	34.5 x 32 x 25.5	0.0281	13.3

Model	Pieces / master	Carton Dimensions (cm)	CBM per master	Gross Weight (KG)
200w	8	41 x 26 x 29.5	0.0314	15.5
300w	5	52 x 21.5 x 34.5	0.0385	15
400w	4	57.5 x 19.5 x 38	0.0426	13.5
500w	2	56.5 x 17.5 x 50	0.0494	13.5
600w	2	56.5 x 17.5 x 50	0.0494	13.5

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Product Overview

FLE Max Select™ Series

CCT Selectable
10w/20w/30w /50w
100w/150w/200w/300w

CE | RoHS | IEC | IP65 | IK06 | DOB Tech | Lumens up to 120 L/W | CRI 80 | 110° Beam Angle | VOLTS 100-277 | PF >0.90 | THD <20% | 2KV Surge Protection | 3CCT Selectable | -30°C-40°C | 30,000 | 3 YEARS Warranty

Americanlite® FLE Max Select™ Series floodlights represent the next evolution of the FLE platform, building upon the proven performance of the FLE Max™ Series and enhanced with integrated CCT Selectable technology for maximum on-site flexibility.

Building on high-efficiency LED architecture, the FLE Max Select™ Series delivers up to 120 lumens per watt, providing strong light output with reduced energy consumption. With selectable color temperature, a single fixture can adapt to multiple project requirements—simplifying specification, reducing inventory, and increasing installation versatility.

The luminaire features a compact, modern design with a durable die-cast aluminum housing and an integrated heat-sink system for optimal thermal management. This ensures consistent lumen performance, long service life, and reliable operation across a wide range of ambient conditions. The corrosion-resistant construction makes it suitable for both indoor and outdoor applications.

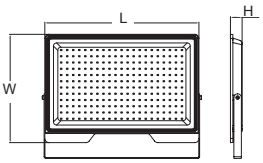
A tempered glass lens enhances durability and safety, while the universal input voltage of 100–277V (50/60Hz) allows for flexible installation across various electrical systems.

The FLE Max Select™ Series incorporates an integrated CCT selection switch, enabling users to easily choose between multiple color temperatures (3K/4K/6.5K or 4K/5K/6.5K) directly on-site. This feature makes it ideal for projects requiring adaptability without increasing SKU complexity.

Designed for wall, pole, or ground mounting, the FLE Max Select™ Series is suitable for parking areas, security lighting, building facades, landscaping, and general area illumination.

By combining maximum performance with maximum flexibility, the FLE Max Select™ Series delivers a versatile, future-ready lighting solution for commercial and institutional applications

Dimensions (mm)



Model	L	W	H
10w	128	98	25
20w	128	98	25
30w	164	128	25
50w	164	128	25
100w	270	185	27
150w	330	220	27
200w	370	260	28
300w	450	330	31

Ordering information

Item	Watts	Lumens	CCT
AL675164	10w	850/1100/900	3K/4K/65K
AL675165	20w	1700/2200/2000	3K/4K/65K
AL675166	30w	2850/3600/3000	3K/4K/65K
AL675167	50w	4750/6000/5000	3K/4K/65K
AL675168	100w	9500/12000/10000	3K/4K/65K
AL675169	150w	14250/18000/15000	3K/4K/65K
AL675170	200w	19000/24000/20000	3K/4K/65K
AL675171	300w	28500/36000/30000	3K/4K/65K

Item	Watts	Lumens	CCT
AL675172	10w	850/1100/900	4K/5K/65K
AL675173	20w	1700/2200/2000	4K/5K/65K
AL675174	30w	2850/3600/3000	4K/5K/65K
AL675175	50w	4750/6000/5000	4K/5K/65K
AL675176	100w	9500/12000/10000	4K/5K/65K
AL675177	150w	14250/18000/15000	4K/5K/65K
AL675178	200w	19000/24000/20000	4K/5K/65K
AL675179	300w	28500/36000/30000	4K/5K/65K

Housing	
Blank	Black
W	White

Notes

- Lumen & Power tolerance up to 10%
- Lumens
  3K/4K/65K & 4K/5K/65K
  95/120/100 lxw
  10w/20w = 85/110/90 lxw
- LED Chips Brand:
  BMTC = 20w, 70w-300w
  PAK = 10w, 30w, 50w
- Cable spec: 0.3m*0.52mm^2
- Cable length: 15 cm
- Surge Protection:
  L-N 2KV; L, N-FG 2KV
- Tempered Glass Thickness:
  10w-30w = 2.5 mm
  50w-100w = 3.5 mm
  150w-400w = 4mm
- Die Cast Aluminum Housing Thickness:
  10w-20w = 0.6 mm
  30w-50w = 0.7 mm
  100w-200w = 0.8 mm
  300w = 1.3mm
- Recommended use:
  12 hours / day to prevent product damage or voided warranty

Packing information

Model	Pieces per master	Carton Dimensions (cm)	CBM per master	Gross Weight (KG)
10w	40	32 x 21 x 25	0.0168	7.2
20w	40	32 x 21 x 25	0.0168	8.2
30w	40	38 x 32 x 30	0.0364	9.3
50w	40	38 x 32 x 30	0.0364	9.3
100w	10	34 x 31 x 21	0.0221	10.6
150w	10	37.5 x 34 x 24.5	0.0312	14.8
200w	10	41 x 35 x 28	0.0401	18.6
300w	4	50 x 16 x 36.5	0.0292	14

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Product Overview

FLE Max™ Series

Ultra High Efficiency Series

10w/20w/30w /50w/70w 100w/150w/200w/300w/400w

CE | RoHS | IEC | IP66 | IK06 | DOB Tech

Lumens 120 L/W	CRI 80	110° Beam Angle
VOLTS 100-277	PF >0.90	THD <20%
2KV Surge Protection	CCT 3K-65K	-30°C-40°C
30,000	3 YEARS Warranty	

Americanlite® FLE Max Pro™ Series floodlights are versatile, high-efficiency LED luminaires engineered to deliver reliable performance and exceptional value across a wide range of area-lighting applications. Utilizing advanced LED technology, the FLE Max™ Series achieves luminous efficacy of up to 120 lumens per watt, providing high light output with reduced energy consumption. Despite its value-focused positioning, the series is designed to meet recognized international standards, offering performance and compliance typically associated with higher-tier products.

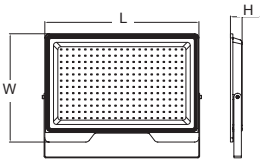
The luminaire features a compact, modern design with a lightweight yet durable die-cast aluminum housing. The housing incorporates an advanced heat-sink architecture to ensure effective thermal management, maintaining LED junction temperatures within rated limits across specified ambient conditions. This design supports consistent light output, long operating life, and dependable performance. The corrosion-resistant construction makes the fixture suitable for both indoor and outdoor environments.

A tempered glass lens provides enhanced impact resistance compared to standard glass and improves safety by minimizing the risk of sharp fragments in the event of breakage. The FLE Max™ Series operates on a universal input voltage range of 100–277V, 50/60Hz, allowing for flexible installation across a wide range of electrical systems.

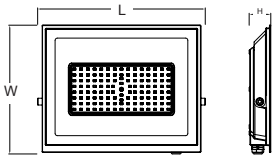
The luminaire complies with CE, RoHS, and IEC standards, demonstrating adherence to international requirements for safety, performance, and environmental responsibility. This level of certification is uncommon in economic floodlight products and reinforces the FLE Max™ Series as a dependable solution for cost-sensitive projects that still demand verified quality and compliance.

Designed for multiple mounting configurations, including wall, pole, and ground mounting, the Americanlite® FLE Max™ Series is ideal for applications such as parking areas, security lighting, building facades, landscaping, schools, and general area illumination. With strong lumen performance, robust construction, and globally recognized certifications, the FLE Max™ Series delivers long-term value for commercial and institutional lighting projects.

Dimensions (mm)



Model	L	W	H
10w	82	67	25
20w	96	80	25
30w	128	98	25
50w	164	128	25
70w	200	152	26
100w	270	185	27
150w	330	220	27
200w	370	260	28
300w	450	330	31



Model	L	W	H
400w	460	310	50

Ordering information

Item	Watts	Lumens	CCT	Housing
AL675130	10w	1200	6500K	Black
AL675131	20w	2400	6500K	Black
AL675132	30w	3600	6500K	Black
AL675133	50w	6000	6500K	Black
AL675134	70w	9600	6500K	Black
AL675135	100w	12000	6500K	Black
AL675136	150w	18000	6500K	Black
AL675137	200w	24000	6500K	Black
AL675138	300w	36000	6500K	Black
AL675139	400w	48000	6500K	Black

CCT		Housing	
Blank	6500K	**Blank**	Black
5	5000K	**W**	White
4	4000K		
3	3000K		

Notes

- Lumen & Power tolerance up to 10%
- 4K/5K/65K = 120 lxw
  3K = 110 lxw
- LED Chips: BMTC

- Cable spec: 0.2m*0.75mm^2
- Cable length: 20 cm
- Surge Protection:
  L-N 2KV; L, N-FG 2KV

- Tempered Glass Thickness:
  10w-30w = 3 mm
  50w-100w = 3.5 mm
  150w-400w = 4mm

- Die Cast Aluminum Housing Thickness:
  10w-20w = 0.6 mm
  30w-70w = 0.7 mm
  100w-200w = 0.8 mm
  300w = 1.3mm
  400w = 3mm

- Recommended use:
  12 hours / day to prevent product damage or voided warranty

Packing information

Model	Pieces per master	Carton Dimensions (cm)	CBM per master	Gross Weight (KG)
10w	90	33.5 x 32 x 27.5	0.0110	14.4
20w	80	40 x 32 x 25	0.0320	15.5
30w	60	35 x 32 x 31	0.0347	16.5
50w	40	39 x 32 x 29	0.0361	17.1
70w	20	45 x 32 x 18	0.0259	16.5
100w	10	34 x 31 x 21	0.0221	10.6
150w	10	37.5 x 34 x 24.5	0.0312	14.8
200w	10	41 x 35 x 28	0.0401	18.6
300w	4	50 x 16 x 36.5	0.0292	14
400w	3	52 x 20 x 32.5	0.0338	15

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Product Overview

FLE Pro™ Series

High Efficiency Series

10w/20w/30w /50w/70w 100w/150w/200w/300w/400w

CE	RoHS	IEC
IP65	IK06	DOB Tech
Lumens 100 L/W	CRI 80	110° Beam Angle
VOLTS 100-277	PF >0.90	THD <20%
2KV Surge Protection	CCT 3K-65K	-30°C-40°C
30,000	3 YEARS Warranty	

Americanlite® FLE Pro™ Series floodlights are versatile, high-efficiency LED luminaires engineered to deliver reliable performance and exceptional value across a wide range of area-lighting applications. Utilizing advanced LED technology, the FLE Pro™ Series achieves luminous efficacy of up to 100 lumens per watt, providing high light output with reduced energy consumption. Despite its value-focused positioning, the series is designed to meet recognized international standards, offering performance and compliance typically associated with higher-tier products.

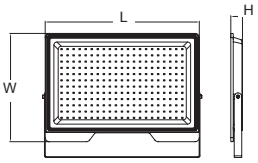
The luminaire features a compact, modern design with a lightweight yet durable die-cast aluminum housing. The housing incorporates an advanced heat-sink architecture to ensure effective thermal management, maintaining LED junction temperatures within rated limits across specified ambient conditions. This design supports consistent light output, long operating life, and dependable performance. The corrosion-resistant construction makes the fixture suitable for both indoor and outdoor environments.

A tempered glass lens provides enhanced impact resistance compared to standard glass and improves safety by minimizing the risk of sharp fragments in the event of breakage. The FLE Pro™ Series operates on a universal input voltage range of 100–277V, 50/60Hz, allowing for flexible installation across a wide range of electrical systems.

The luminaire complies with CE, RoHS, and IEC standards, demonstrating adherence to international requirements for safety, performance, and environmental responsibility. This level of certification is uncommon in economic floodlight products and reinforces the FLE Pro™ Series as a dependable solution for cost-sensitive projects that still demand verified quality and compliance.

Designed for multiple mounting configurations, including wall, pole, and ground mounting, the Americanlite® FLE Pro™ Series is ideal for applications such as parking areas, security lighting, building facades, landscaping, schools, and general area illumination. With strong lumen performance, robust construction, and globally recognized certifications, the FLE Pro™ Series delivers long-term value for commercial and institutional lighting projects.

Dimensions (mm)



Model	L	W	H
10w	82	67	25
20w	96	80	25
30w	128	98	25
50w	164	128	25

Model	L	W	H
70w	200	152	26
100w	270	185	27
150w	330	220	27
200w	370	260	28
300w/400w	450	330	31

Ordering information

Item	Watts	Lumens	CCT	Housing
AL675120	10w	1000	6500K	Black
AL675121	20w	2000	6500K	Black
AL675122	30w	3000	6500K	Black
AL675123	50w	5000	6500K	Black
AL675124	70w	7000	6500K	Black
AL675125	100w	10000	6500K	Black
AL675126	150w	15000	6500K	Black
AL675127	200w	20000	6500K	Black
AL675128	300w	30000	6500K	Black
AL675129	400w	40000	6500K	Black

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

Housing	
Blank	Black
W	White

Notes

- Lumen & Power tolerance up to 10%
- 4K/5K/65K = 100 lxw
  3K = 90 lxw
- LED Chips: BMTC

- Cable spec: 0.2m*0.75mm^2
- Cable length: 20 cm
- Surge Protection:
  L-N 2KV; L, N-FG 2KV

- Tempered Glass Thickness:
  10w-30w = 3 mm
  50w-100w = 3.5 mm
  150w-400w = 4mm

- Die Cast Aluminum Housing Thickness:
  10w-20w = 0.6 mm
  30w-70w = 0.7 mm
  100w-200w = 0.8 mm
  300w-400w = 1.3mm

- Recommended use:
  12 hours / day to prevent product damage or voided warranty

Packing information

Model	Pieces per master	Carton Dimensions (cm)	CBM per master	Gross Weight (KG)
10w	90	33.5 x 12 x 27.5	0.0110	14.4
20w	80	40 x 32 x 25	0.0320	15.5
30w	60	35 x 32 x 31	0.0347	16.5
50w	40	39 x 32 x 29	0.0361	17.1
70w	20	45 x 32 x 18	0.0259	16.5
100w	10	34 x 31 x 21	0.0221	10.6
150w	10	37.5 x 34 x 24.5	0.0312	14.8
200w	10	41 x 35 x 28	0.0401	18.6
300w / 400w	4	50 x 16 x 36.5	0.0292	14

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Product Overview

FLE™ Series

Economic Series

10w/20w/30w /50w/70w
100w/150w/200w/300w/400w

CE | RoHS | IEC | IP65 | IK06 | DOB Tech

Lumens 80 L/W | CRI 80 | 110° Beam Angle

VOLTS 100-277 | PF >0.90 | THD <20%

2KV Surge Protection | CCT 3K-65K | -30°C-40°C

30,000 | 3 YEARS Warranty

Americanlite® FLE™ Series floodlights are economical, general-purpose LED luminaires designed to provide reliable illumination and cost-effective performance across a wide range of area-lighting applications. Utilizing proven LED technology, the FLE™ Series delivers luminous efficacy of up to 80 lumens per watt, offering a practical balance between light output, energy efficiency, and upfront cost. The series is optimized for projects where budget considerations are a primary driver while maintaining dependable performance and verified compliance.

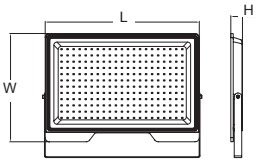
The luminaire features a compact, modern design with a lightweight yet durable die-cast aluminum housing. The housing incorporates an efficient heat-sink design to support thermal stability and maintain LED operation within rated temperature limits across specified ambient conditions. This ensures consistent performance and dependable service life. Corrosion-resistant construction makes the fixture suitable for both indoor and outdoor environments.

A tempered glass lens provides increased strength compared to standard glass and improves safety by reducing the risk of sharp fragments in the event of breakage. The FLE™ Series operates on a universal input voltage range of 100–277V, 50/60Hz, allowing flexibility across a wide range of electrical systems.

The luminaire complies with CE, RoHS, and IEC standards, confirming adherence to recognized international requirements for safety, performance, and environmental responsibility. This level of certification supports confidence in the product's quality and reliability, even in cost-sensitive applications.

Designed for multiple mounting configurations, including wall, pole, and ground mounting, the Americanlite® FLE™ Series is suitable for applications such as parking areas, security lighting, building facades, landscaping, schools, and general indoor or outdoor area illumination. With durable construction, verified certifications, and an economical price point, the FLE™ Series provides a dependable lighting solution for projects focused on value and cost efficiency.

Dimensions (mm)



Model	L	W	H
10w	82	67	25
20w	96	80	25
30w	128	98	25
50w	164	128	25

Model	L	W	H
70w	200	152	26
100w	270	185	27
150w	330	220	27
200w	370	260	28
300w/400w	450	330	31

Ordering information

Item	Watts	Lumens	CCT	Housing
AL675110	10w	800	6500K	Black
AL675111	20w	1600	6500K	Black
AL675112	30w	2400	6500K	Black
AL675113	50w	4000	6500K	Black
AL675114	70w	5600	6500K	Black
AL675115	100w	8000	6500K	Black
AL675116	150w	12000	6500K	Black
AL675117	200w	16000	6500K	Black
AL675118	300w	24000	6500K	Black
AL675119	400w	32000	6500K	Black

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

Housing	
Blank	Black
W	White

Notes

- Lumen & Power tolerance up to 10%
- 4K/5K/65K = 80 lxw
  3K = 74 lxw
- LED Chips: BMTC

- Cable spec: 0.2m*0.75mm^2
- Cable length: 20 cm
- Surge Protection:
  L-N 2KV; L, N-FG 2KV

- Tempered Glass Thickness:
  10w-30w = 3 mm
  50w-100w = 3.5 mm
  150w-400w = 4mm

- Die Cast Aluminum Housing Thickness:
  10w-20w = 0.6 mm
  30w-70w = 0.7 mm
  100w-200w = 0.8 mm
  300w-400w = 1.3mm

- Recommended use:
  12 hours / day to prevent product damage or voided warranty

Packing information

Model	Pieces per master	Carton Dimensions (cm)	CBM per master	Gross Weight (KG)
10w	90	33.5 x 12 x 27.5	0.0110	14.4
20w	80	40 x 32 x 25	0.0320	15.5
30w	60	35 x 32 x 31	0.0347	16.5
50w	40	39 x 32 x 29	0.0361	17.1
70w	20	45 x 32 x 18	0.0259	16.5
100w	10	34 x 31 x 21	0.0221	10.6
150w	10	37.5 x 34 x 24.5	0.0312	14.8
200w	10	41 x 35 x 28	0.0401	18.6
300w / 400w	4	50 x 16 x 36.5	0.0292	14

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Product Overview

EXC Pro™ Series

CCT Selectable
50w/100w/150w/200w

DOB Tech

IP65 | IK06 | Lumens up to 120 L/W

3CCT Selectable | 120° Beam Angle | CRI 80

VOLTS 100-277 | PF 0.50 | 2KV Surge Protection

-20°C-40°C | 30,000 | 3 YEARS Warranty

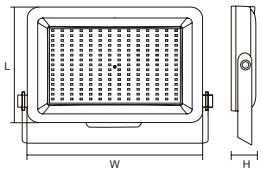
Americanlite® LED Floodlite™ EXC Pro™ Series, a multipurpose, highly efficient, energy saving replacement for HID & halogen fixtures. With a compact and modern design, the latest SMD LED technology, offers high brightness and a high lumen maintenance factor. We have developed an outstanding combination of high performance & bright LED's to create one of the most efficient fixtures.

You have more options with Americanlite® CCT Selectable Technology to satisfy the demands of your project. We have integrated a switch to easily select the CCT of your choice.

Versatile, light and strong housing made of die-cast aluminum, featuring high heat dissipation and superior aesthetics. Corrosion resistant with longer lifetime. Tempered glass, much stronger than regular glass, reduces the risk of injury caused by jagged glass shards. Advanced heat sink design ensures LED does not exceed temperature ratings across all specified ambient conditions. Universal voltage capacity 100-277V 50/60Hz.

Ideal for indoor and outdoor area lighting such as parking, security, landscaping, facades, schools, and many more. Works well for wall mounting, pole or ground mounting.

Dimensions (mm)



Model	L	W	H
50w	188	146	31
100w	272	217	32
150w	327	263	32
200w	378	298	34

Ordering information

Item	Power	CCT	Lumens
AL675090	50w	3K/4K/65K	4750/6000/5000
AL675091	100w	3K/4K/65K	9500/12000/10000
AL675092	150w	3K/4K/65K	14250/18000/15000
AL675093	200w	3K/4K/65K	19000/24000/20000
AL675094	50w	3K/4K/5K	4750/6000/5000
AL675095	100w	3K/4K/5K	9500/12000/10000
AL675096	150w	3K/4K/5K	14250/18000/15000
AL675097	200w	3K/4K/5K	19000/24000/20000
AL675098	50w	4K/5K/65K	4750/6000/5000
AL675099	100w	4K/5K/65K	9500/12000/10000
AL675100	150w	4K/5K/65K	14250/18000/15000
AL675101	200w	4K/5K/65K	19000/24000/20000

Housing		Cable Length	
Blank	Black	**Blank**	0.15m
W	White	**C1**	1m

CCT Switch

Notes

- Lumen & Power tolerance up to 10%
- Lumens:

3K/4K/65K	3K/4K/5K	4K/5K/65K
3K = 95 lxw	3K = 95 lxw	4K = 95 lxw
4K = 120 lxw	4K = 120 lxw	5K = 120 lxw
65K = 100 lxw	5K = 100 lxw	65K = 100 lxw

- Cable spec: = 3x0.52 mm2
- Cable length: 0.15 meters
- Glass Thickness:
  50w / 100w = 2.2mm
  150w / 200w = 3.2mm
- Recommended use: 12 hours / day to prevent product damage or voided warranty

Packing information

Model	CBM (Master)	Pieces per master	Master Carton Dimensions (cm)	G.W. (KGS)
50w	0.0422	30	56 x 22.5 x 33.5	13.74
100w	0.0282	10	38 x 31 x 24	10.17
150w	0.0383	10	38 x 36 x 28	16.30
200w	0.0288	5	41 x 22 x 32	10.50

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Product Overview

EX Pro™ Series

10w/20w/30w /50w
100w/150w/200w/300w/400w

DOB Tech

IP65	IK06	Lumens 120 L/W
CRI 80	110° Beam Angle	VOLTS 100-277
PF 0.90	1.5KV Surge Protection	CCT 3K-65K
-20°C-40°C	30,000	3 YEARS Warranty

Americanlite® LED Floodlite™ EX Pro™ Series, a multipurpose, highly efficient, energy saving replacements for HID & halogen fixtures. With a compact and modern design, the latest SMD LED technology, offers high brightness and a high lumen maintenance factor. We have developed an outstanding combination of high performance & bright LED's to create one of the most efficient fixtures with up to 120 lxw.

Versatile, light and strong housing made of die-cast aluminum, featuring high heat dissipation and superior aesthetics. Corrosion resistant with longer lifetime. Tempered glass, much stronger than regular glass, reduces the risk of injury caused by jagged glass shards. Advanced heat sink design ensures LED does not exceed temperature ratings across all specified ambient conditions. Universal voltage capacity 100-277V 50/60Hz.

Ideal for indoor and outdoor area lighting such as parking, security, landscaping, facades, schools, and many more. Works well for wall mounting, pole or ground mounting.

Dimensions (mm)

Model	L	W	H
10w	72	70	21.5
20w	103	89	22
30w	113	98	23
50w	162	134	24.5
80w	210	181	24.5

Model	L	W	H
100w	230	178	24.5
150w	288	244	26
200w	326	247	26
300w	381	339	31
400w	445	390	45

Ordering information

Item	Watts	Lumens	CCT	Housing
AL675080	10w	1200	6500K	Black
AL675081	20w	2400	6500K	Black
AL675082	30w	3600	6500K	Black
AL675083	50w	6000	6500K	Black
AL675084	80w	9600	6500K	Black
AL675085	100w	12000	6500K	Black
AL675086	150w	18000	6500K	Black
AL675087	200w	24000	6500K	Black
AL675088	300w	36000	6500K	Black
AL675089	400w	48000	6500K	Black

CCT

Blank	6500K
5	5000K
4	4000K
3	3000K

Housing

W White housing

Cable Length

Blank	10w-30w = .12m 50w-200w = .15m 300w/400w = .20m
1M	1m

Notes

- Lumen & Power tolerance ±10%
- PF: 10w/20w/30w = 0.50
- Surge Protection: 10w/20w = 1KV
  30w-400w = 1.5Kv
- Cable spec: 10w-100w = 3x0.52 mm2
  150w-400w = 3x0.75 mm2
- Cable length:
  10w-30w = .12m
  50w-200w = .15m
  300w/400w = .20m
- Glass Thickness: Tolerance ± 0.3mm
  10w = 2.5-2.7mm
  20w/30w = 3.0-3.2mm
  50w-400w = 3.3-3.5mm
- Recommended use: 12 hours / day
  to prevent product damage or voided warranty

Packing information

Model	CBM (Master)	Pieces per master	Master Carton Dimensions (cm)	Gross Weight
10w	0.0210	100	40 x 30 x 17.5	9.5
20w	0.0215	60	33 x 29 x 22.5	9
30w	0.0195	40	32 x 25.5 x 24	7.6
50w	0.0254	30	51.5 x 16.5 x 30	10.5
80w	0.0295	20	44 x 32 x 21	12.6
100w	0.0305	20	48.5 x 30 x 21	13.2
150w	0.0264	10	32 x 30 x 27.5	12.1
200w	0.0279	8	34 x 27 x 30.5	11.4
300w	0.0335	5	40 x 23 x 36.5	13.1
400w	0.0454	4	46 x 23.5 x 42	14.44

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Product Overview

EX™ Series

10w/20w/30w /50w/80w
100w/150w/200w/300w/400w

DOB Tech

IP65	IK06	Lumens 100 L/W
CRI 80	110° Beam Angle	VOLTS 100-277
PF 0.90	1.5KV Surge Protection	CCT 6500K
-20°C-40°C	30,000	3 YEARS Warranty

Americanlite® LED Floodlite™ EX™ Series, a multipurpose, highly efficient, energy saving replacements for HID & halogen fixtures. With a compact and modern design, the latest SMD LED technology, offers high brightness and a high lumen maintenance factor. We have developed an outstanding combination of high performance & bright LED's to create one of the most efficient fixtures with up to 100 lxw.

Versatile, light and strong housing made of die-cast aluminum, featuring high heat dissipation and superior aesthetics. Corrosion resistant with longer lifetime. Tempered glass, much stronger than regular glass, reduces the risk of injury caused by jagged glass shards. Advanced heat sink design ensures LED does not exceed temperature ratings across all specified ambient conditions. Universal voltage capacity 100-277V 50/60Hz.

Ideal for indoor and outdoor area lighting such as parking, security, landscaping, facades, schools, and many more. Works well for wall mounting, pole or ground mounting.

Dimensions (mm)

Model	L	W	H
10w	72	70	21.5
20w	90	80	21.5
30w	113	98	23
50w	152	123	23.5

Model	L	W	H
100w	210	181	24.5
150w	285	242	26
200w	326	246	26
300w	380	336	31
400w	445	390	32

Ordering information

Item	Watts	Lumens	CCT	Housing
AL675070	10w	1000	6500K	Black
AL675071	20w	2000	6500K	Black
AL675072	30w	3000	6500K	Black
AL675073	50w	5000	6500K	Black
AL675074	100w	10000	6500K	Black
AL675075	150w	15000	6500K	Black
AL675076	200w	20000	6500K	Black
AL675078	300w	30000	6500K	Black
AL675079	400w	40000	6500K	Black

Housing

W White housing

Cable Length

Blank 10w-30w = .12m
50w-200w = .15m
300w/400w = .20m

1M 1m

Notes

- Lumen & Power tolerance ±10%
- PF: 10w/20w/30w = 0.50
- Surge Protection: 10w/20w = 1KV
  30w-400w = 1.5Kv
- Cable spec: 10w-100w = 3x0.52 mm2
  150w-400w = 3x0.75 mm2
- Cable length:
  10w-30w = .12m
  50w-200w = .15m
  300w/400w = .20m
- Glass Thickness: Tolerance ± 0.3mm
  10w-30w = 2.5-2.7mm
  50w-200w = 3.0-3.2mm
  300w/400w = 3.0-3.2mm
- Recommended use: 12 hours / day
  to prevent product damage or voided warranty

Packing information

Model	CBM (Master)	Pieces per master	Master Carton Dimensions (cm)	Gross Weight
10w	0.0210	100	40 x 30 x 17.5	9.5
20w	0.0210	80	38.5 x 28 x 19.5	14.4
30w	0.0195	40	32 x 25.5 x 24	7.6
50w	0.0212	30	48 x 15.5 x 28.5	8.9
100w	0.0295	20	44 x 32 x 21	12.6
150w	0.0264	10	32 x 30 x 27.5	12.1
200w	0.0238	8	34 x 25 x 28	11.4
300w	0.0335	5	40 x 23 x 36.5	13.1
400w	0.0450	4	46 x 23.5 x 42	14.44

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Product Overview

ES Series

10w/20w/30w/50w/80w
100w/150w/200w/300w/400w

DOB Tech

IP65 | IK06 | Lumens 80 L/W

CRI >80 | 110° Beam Angle | VOLTS 100-265

PF >0.50 | 1KV Surge Protection | CCT 6500K

-20°C-40°C | 30,000 | 3 YEARS Warranty

Americanlite® LED Floodlite™ ES Series, a multipurpose, highly efficient, energy saving replacements for HID & halogen fixtures. With a compact and modern design, the latest SMD LED technology, offers high brightness and a high lumen maintenance factor. We have developed an outstanding combination of high performance & bright LED's to create one of the most efficient fixtures.

Versatile, light and strong housing made of die-cast aluminum, featuring high heat dissipation and superior aesthetics. Corrosion resistant with longer lifetime. Tempered glass, much stronger than regular glass, reduces the risk of injury caused by jagged glass shards. Advanced heat sink design ensures LED does not exceed temperature ratings across all specified ambient conditions. Universal voltage capacity 100-265V 50/60Hz.

Ideal for indoor and outdoor area lighting such as parking, security, landscaping, facades, schools, and many more. Works well for wall mounting, pole or ground mounting.

Dimensions (mm)

Model	L	W	H
10w	70	58	21.5
20w	90	80	21.5
30w	113	98	23
50w	152	123	23.5

Model	L	W	H
100w	210	181	24.5
150w	285	242	26
200w	326	246	26
300w	326	336	31
400w	445	390	32

Ordering information

Item	Watts	Lumens	CCT	Housing
AL675060	10w	800	6500K	Black
AL675061	20w	1600	6500K	Black
AL675062	30w	2400	6500K	Black
AL675063	50w	4000	6500K	Black
AL675065	100w	8000	6500K	Black
AL675066	150w	12000	6500K	Black
AL675067	200w	16000	6500K	Black
AL675068	300w	24000	6500K	Black
AL675069	400w	32000	6500K	Black

CCT

Blank	6500K
3	3000K

Housing

W White housing

Cable Length

Blank	10w-30w = .12m 50w-200w = .15m 300w/400w = .20m
1M	1m

Notes

- Lumen & Power tolerance ±10%
- Cable spec: 10w-100w = 3x0.52 mm2
  150w-400w = 3x0.75 mm2
- Cable length:
  10w-30w = .12m
  50w-200w = .15m
  300w/400w = .20m
- Glass Thickness: Tolerance ± 0.3mm
  10w-50w = 2.5-2.7mm
  80w-400w = 3.0-3.2mm
- Recommended use: 12 hours / day
  to prevent product damage or voided warranty

Packing information

Model	CBM (Master)	Pieces per master	Master Carton Dimensions (cm)	Gross Weight
10w	0.0173	100	40 x 28 x 15.5	12.2
20w	0.0210	80	38.5 x28 x 19.5	14.4
30w	0.0195	40	32 x 25.5 x 24	7.6
50w	0.0212	30	48 x 15.5 x 28.5	8.9
100w	0.0295	20	44 x 32 x 21	12.6
150w	0.0264	10	32 x 30 x 27.5	12.1
200w	0.0238	8	34 x 25 x 28	11.4
300w	0.0335	5	40 x 23 x 36.5	13.1
400w	0.0450	4	46 x 23.5 x 42	14.44

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E Series RGB

with Remote Control

10w/20w/30w/50w
100w/150w/200w

DOB Tech

CE | IP65 | IK06

120° Beam Angle | VOLTS 100-265 | Up to 2.5KV Surge Protection

PF >0.50 | CCT RGB | -20°C-40°C

>30,000 | 3 YEARS Warranty

Americanlite® LED Floodlite™ E Series RGB can be controlled remotely with an included remote. Create custom lighting effects with remote control : Adjust brightness, color, fade in/out, and flash rate. Can be controlled up to 6m.

Our unique technology DOB, includes built in memory chips which store the last lighting settings used even after turning it OFF or when disconnecting it from the power source. This allows users to set the color tones and effects desired and not worry about power outages, lighting relocation or having photocells control the hours of operation by having to reset the settings each time.

24-Key remote control functions

Brightness+ (7 steps)	Brightness- (7 steps)	Off	On
Static Red	Static Green	Static Blue	Static White
Static Orange	Static Pea Green	Static Dark Orchid	7 Color Flash
Static Dark Yellow	Static Cyan	Static Magenta	All Fade Out/In
Static Yellow	Static Light Blue	Static Pink	7 Color Fade
Static Yellow Light	Static Sky Blue	Static Purple	3 Color Transition

Dimensions (mm)

Model	L	H	W
10w	110	76	29
20w	110	76	29
30w	140	101	30
50w	195	142	30

Model	L	H	W
100w	255	175	30
150w	320	230	32
200w	336	242	32

Ordering information

Item	Watts	Housing
AL575250	10w	Black
AL575251	20w	Black
AL575252	30w	Black
AL575253	50w	Black

Item	Watts	Housing
AL575254	100w	Black
AL575256	150w	Black
AL575257	200w	Black

Notes

- Surge Protection:
  10w =1KV
  20w/30w = 1.5KV
  50w-200w=2.5KV
- Cable spec: 10w-30w = 0.5cm^2 PVC wire
  50w-200w = 0.75cm^2 PVC wire
- Battery: Lithium battery-3V 150mAH-CR2025 included in remote control
- Recommended use: 10-12 hours / day
  To avoid product damage or voided warranty

Packing information

Model	CBM (Master)	Pieces per master	Master Carton Dimensions (cm)
10w	0.0317	60	36 x 28 x 31.5
20w	0.0317	60	36 x 28 x 31.5
30w	0.0335	40	38 x 34 x 26
50w	0.0308	20	38 x 23.5 x 34.5
100w	0.0470	20	37 x 31 x 41
150w	0.0349	10	36 x 36 x 27
200w	0.0435	10	42 x 37 x 28

americanlite®

EX RGB Series

with Remote Control

10w/20w/30w/50w
100w/150w/200w

Product Overview

DOB Tech

IP65 | IK04 | 120° Beam Angle

VOLTS 100-265 | Up to 2KV Surge Protection | PF >0.50

RGB | -20°C-40°C | 25,000

2 YEARS Warranty

Americanlite® LED Floodlite™ EX Series RGB can be controlled remotely with an included remote. Create custom lighting effects with remote control : Adjust brightness, color, fade in/out, and flash rate. Can be controlled up to 6m.

Our unique technology DOB, includes built in memory chips which store the last lighting settings used even after turning it OFF or when disconnecting it from the power source. This allows users to set the color tones and effects desired and not worry about power outages, lighting relocation or having photocells control the hours of operation by having to reset the settings each time.

24-Key remote control functions

Brightness+ (7 steps)	Brightness- (7 steps)	Off	On
Static Red	Static Green	Static Blue	Static White
Static Orange	Static Pea Green	Static Dark Orchid	7 Color Flash
Static Dark Yellow	Static Cyan	Static Magenta	All Fade Out/In
Static Yellow	Static Light Blue	Static Pink	7 Color Fade
Static Yellow Light	Static Sky Blue	Static Purple	3 Color Transition

Dimensions (mm)

Model	L	H	W
10w	130	98	25
20w	130	98	25
30w	160	120	27
50w	210	160	30

Model	L	H	W
100w	271	210	34
150w	320	230	36
200w	380	281	38

Ordering information

Item	Watts	Housing
AL675050	10w	Black
AL675051	20w	Black
AL675052	30w	Black
AL675053	50w	Black

Item	Watts	Housing
AL675054	100w	Black
AL675055	150w	Black
AL675056	200w	Black

Notes

- Surge Protection:
  10w-50W =1.5KV
  100w-200w=2KV
- Cable spec:
  10w-30w = 0.5cm^2 PVC wire
  50w-200w = 0.75cm^2 PVC wire
- Battery: Lithium battery-3V 150mAH-CR2025 included in remote control
- Recommended use: 10-12 hours / day
  To avoid product damage or voided warranty

Packing information

Model	CBM (Master)	Pieces per master	Master Carton Dimensions (cm)
10w	0.0328	60	36 x 31.5 x 29
20w	0.0328	60	36 x 31.5 x 29
30w	0.0334	40	36 x 32 x 29
50w	0.0328	20	37 x 37 x 24
100w	0.0306	10	41 x 30.5 x 24.5
150w	0.0398	10	43 x 35 x 26.5
200w	0.0581	10	45 x 41 x 31.5

Warranty

Americanlite® is pleased to provide up to a 3 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.