



IP66

FULL
BRIGHTNESS

JKC-AF-40W Integrated Solar LED Floodlight/ Street Light

(2 days autonomy)



Casing Material

Aluminium Alloy

Dimming System

12H 100%

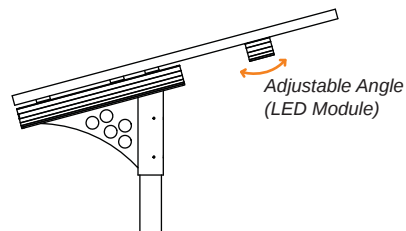
Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size	: 1800*410*125MM (Luminaire)
	: 640*167*247MM (Bracket)
Packing Size	: 1880*490*225MM (Luminaire)
	: 1040*277*342MM (Bracket)
Net Weight	: 37.2KG (Luminaire)
	: 3.4KG (Bracket)
Gross Weight	: 39.7KG (Luminaire)
	: 4.1KG (Bracket)

Mounting Bracket Type



Solar Panel

Type	: Imported High Efficiency Monocrystalline Silicon
Max Power	: 36V 110W (Type B)
Lifetime	: 25 Years

Battery

Type	: LiFePO4 Battery
Rating	: 25.6V 45AH
Lifetime	: 5 Years

LED Lamp

Max Power	: 40W
LED Chip	: Lumileds 5050
Chip Quantity	: 28 PCS
System Efficacy	: Typical 170 lm/W - 200 lm/W
Total Lumen	: Typical 6,800 lm - 8,000 lm
Lifetime	: 50,000 Hours

Ingress Protection

IP66 Optical Compartment

Charge Time

By Sun	: 4.5 Hours
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Discharge Time

2 Cloud / Rainy Days / 24 hours

Working Temperature

Range	: -25°C ~ +65°C
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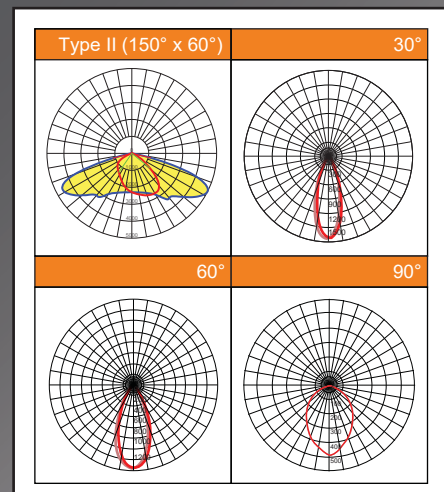
Colour Temperature

Range	: 3000K - 6500K
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Mounting Recommendation

Height	: 4 - 6M
Distance	: 16 - 25M

Light Distribution Curve



* Size and weight may have a tolerance of +-10%

JKC-AF-60W Integrated Solar LED Floodlight/ Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Casing Material

Aluminium Alloy

Dimming System

12H 100%

Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size : 1930*600*125MM (Luminaire)
(Type A & Type B) : 640*167*247MM (Bracket)
Packing Size : 2010*680*225MM (Luminaire)
(Type A & Type B) : 1040*277*342MM (Bracket)

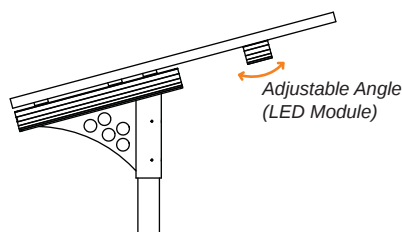
Net Weight

Luminaire : 61.3KG (Type A) / 56.5KG (Type B)
Bracket : 3.4KG (Type A & Type B)

Gross Weight

Luminaire : 73.4KG (Type A) / 63.8KG (Type B)
Bracket : 4.7KG (Type A & Type B)

Mounting Bracket Type



Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon
Max Power : 36V 210W (Type A & Type B)
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 25.6V 90AH (Type A)
25.6V 60AH (Type B)
Lifetime : 5 Years

LED Lamp

Max Power : 60W
LED Chip : Lumileds 5050
Chip Quantity : 28 PCS
System Efficacy : Typical 170 lm/W - 200 lm/W
Total Lumen : Typical 10,200 lm - 12,000 lm
Lifetime : 50,000 Hours

Ingress Protection

IP66 Optical Compartment

Charge Time

By Sun : 4.5 Hours

Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)
2 Cloud / Rainy Days / 24 hours (Type B)

Working Temperature

Range : -25°C ~ +65°C

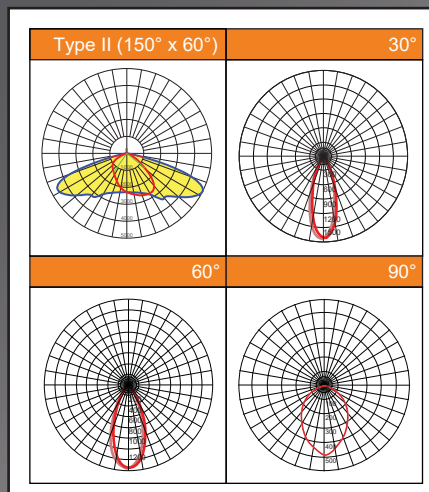
Colour Temperature

Range : 3000K - 6500K

Mounting Recommendation

Height : 7 - 8M
Distance : 23 - 34M

Light Distribution Curve



* Size and weight may have a tolerance of +-10%

JKC-AF-80W Integrated Solar LED Floodlight/ Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Casing Material

Aluminium Alloy

Dimming System

12H 100%

Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size : 1930*600*125MM (Luminaire)
(Type A & Type B) : 640*167*247MM (Bracket)
Packing Size : 2010*680*225MM (Luminaire)
(Type A & Type B) : 1040*277*342MM (Bracket)

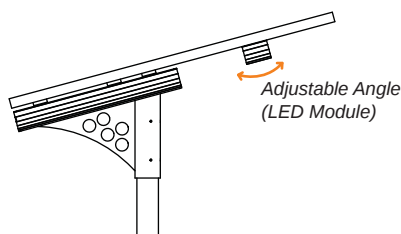
Net Weight

Luminaire : 70.9KG (Type A) / 61.3KG (Type B)
Bracket : 4.0KG (Type A & Type B)

Gross Weight

Luminaire : 73.4KG (Type A) / 63.8KG (Type B)
Bracket : 4.7KG (Type A & Type B)

Mounting Bracket Type



Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon
Max Power : 36V 210W (Type A & Type B)
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 25.6V 150AH (Type A)
25.6V 90AH (Type B)
Lifetime : 5 Years

LED Lamp

Max Power : 80W
LED Chip : Lumileds 5050
Chip Quantity : 48 PCS
System Efficacy : Typical 170 lm/W - 200 lm/W
Total Lumen : Typical 13,600 lm - 16,000 lm
Lifetime : 50,000 Hours

Ingress Protection

IP66 Optical Compartment

Charge Time

By Sun : 4.5 Hours

Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)
2 Cloud / Rainy Days / 24 hours (Type B)

Working Temperature

Range : -25°C ~ +65°C

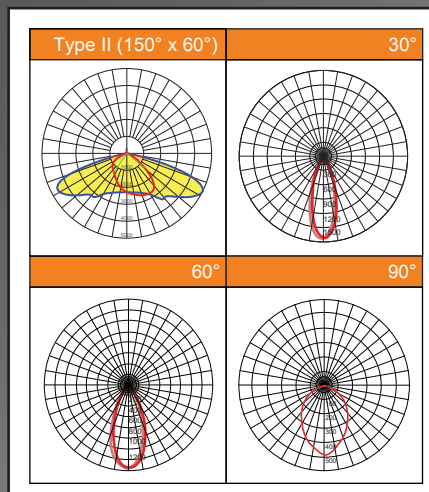
Colour Temperature

Range : 3000K - 6500K

Mounting Recommendation

Height : 8 - 10M
Distance : 23 - 34M

Light Distribution Curve



* Size and weight may have a tolerance of +-10%

JKC-AF-100W Integrated Solar LED Floodlight/ Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Casing Material

Aluminium Alloy

Dimming System

12H 100%

Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size : 1755*970*125MM (Luminaire)
(Type A & Type B) : 640*167*247MM (Bracket)
Packing Size : 1835*1050*225MM (Luminaire)
(Type A & Type B) : 1040*277*342MM (Bracket)

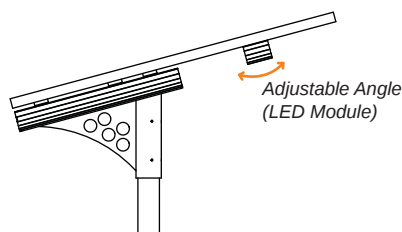
Net Weight

Luminaire : 97.11KG (Type A) / 88.11KG (Type B)
Bracket : 4.17KG (Type A & Type B)

Gross Weight

Luminaire : 100.21KG (Type A) / 90.61KG (Type B)
Bracket : 4.87KG (Type A & Type B)

Mounting Bracket Type



Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon
Max Power : 36V 320W (Type A & Type B)
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 25.6V 180AH (Type A)
25.6V 120AH (Type B)
Lifetime : 5 Years

LED Lamp

Max Power : 100W
LED Chip : Lumileds 5050
Chip Quantity : 48 PCS
System Efficacy : Typical 170 lm/W - 200 lm/W
Total Lumen : Typical 17,000 lm - 20,000 lm
Lifetime : 50,000 Hours

Ingress Protection

IP66 Optical Compartment

Charge Time

By Sun : 4.5 Hours

Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)
2 Cloud / Rainy Days / 24 hours (Type B)

Working Temperature

Range : -25°C ~ +65°C

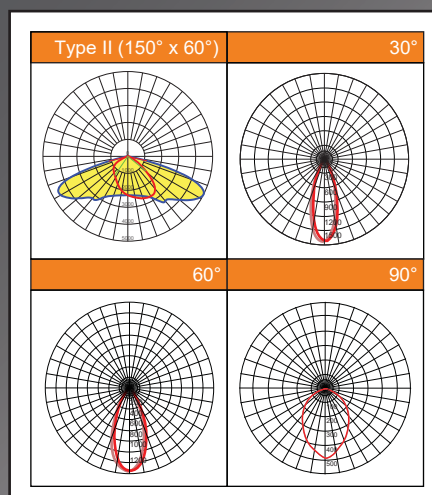
Colour Temperature

Range : 3000K - 6500K

Mounting Recommendation

Height : 9 - 12M
Distance : 23 - 34M

Light Distribution Curve



JKC-AF-120W Integrated Solar LED Floodlight/ Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Casing Material

Aluminium Alloy

Dimming System

12H 100%

Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size : 1755*970*125MM (Luminaire)
(Type A & Type B) : 640*167*247MM (Bracket)
Packing Size : 1835*1330*225MM (Luminaire)
(Type A & Type B) : 1040*277*342MM (Bracket)

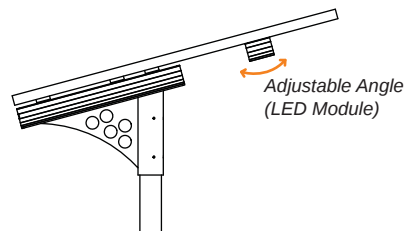
Net Weight

Luminaire : 102.51KG (Type A) / 83.31KG (Type B)
Bracket : 6.0KG (Type A & Type B)

Gross Weight

Luminaire : 105.01KG (Type A) / 85.81KG (Type B)
Bracket : 6.7KG (Type A & Type B)

Mounting Bracket Type



Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon
Max Power : 36V 320W (Type A & Type B)
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 25.6V 210AH (Type A)
25.6V 150AH (Type B)
Lifetime : 5 Years

LED Lamp

Max Power : 120W
LED Chip : Lumileds 5050
Chip Quantity : 48 PCS
System Efficacy : Typical 170 lm/W - 200 lm/W
Total Lumen : Typical 20,400 lm - 24,000 lm
Lifetime : 50,000 Hours

Ingress Protection

IP66 Optical Compartment

Charge Time

By Sun : 4.5 Hours

Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)
2 Cloud / Rainy Days / 24 hours (Type B)

Working Temperature

Range : -30°C ~ +70°C

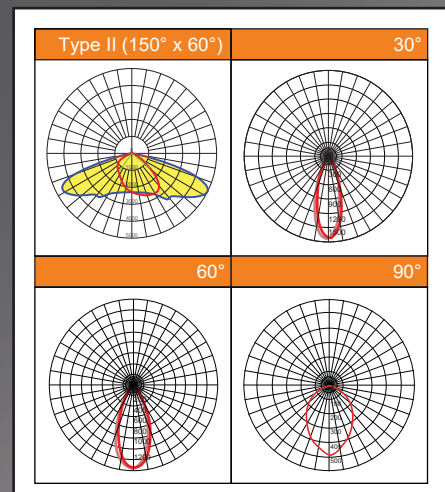
Colour Temperature

Range : 3000K - 6500K

Mounting Recommendation

Height : 9 - 12M
Distance : 30 - 38M

Light Distribution Curve



* Size and weight may have a tolerance of +-10%

JKC-AF-150W Integrated Solar LED Floodlight/ Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



Casing Material

Aluminium Alloy

Dimming System

12H 100%

Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size : 1755*970*125MM (Luminaire)
(Type A & Type B) : 640*167*247MM (Bracket)
Packing Size : 1835*1050*225MM (Luminaire)
(Type A & Type B) : 1040*277*342MM (Bracket)

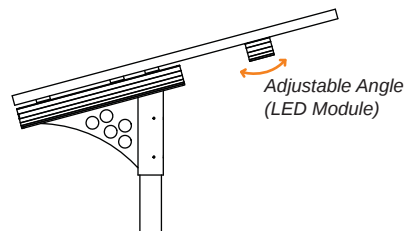
Net Weight

Luminaire : 112.11KG (Type A) / 113.91KG (Type B)
Bracket : 6.0KG (Type A & Type B)

Gross Weight

Luminaire : 114.61KG (Type A) / 114.61KG (Type B)
Bracket : 6.7KG (Type A & Type B)

Mounting Bracket Type



Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon
Max Power : 36V 400W (Type A & Type B)
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 25.6V 270AH (Type A)
25.6V 180AH (Type B)
Lifetime : 5 Years

LED Lamp

Max Power : 150W
LED Chip : Lumileds 5050
Chip Quantity : 48 PCS
System Efficacy : Typical 170 lm/W - 200 lm/W
Total Lumen : Typical 25,500 lm - 30,000 lm
Lifetime : 50,000 Hours

Ingress Protection

IP66 Optical Compartment

Charge Time

By Sun : 4.5 Hours

Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)
2 Cloud / Rainy Days / 24 hours (Type B)

Working Temperature

Range : -30°C ~ +70°C

Colour Temperature

Range : 3000K - 6500K

Mounting Recommendation

Height : 9 - 12M
Distance : 35 - 40M

Light Distribution Curve

