



IP66

DIMMING
FUNCTION

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

(2 days autonomy)



Casing Material

Aluminium Alloy

Dimming System

4H 100% + 2H 60% + 6H 40%

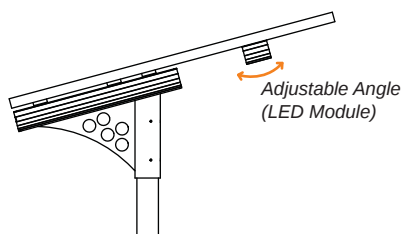
Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size	: 900*410*125MM (Luminaire)
	: 640*167*247MM (Bracket)
Packing Size	: 980*490*225MM (Luminaire)
	: 660*187*267MM (Bracket)
Net Weight	: 31.3KG (Luminaire)
	: 3.4KG (Bracket)
Gross Weight	: 33.8KG (Luminaire)
	: 3.9KG (Bracket)

Mounting Bracket Type



Solar Panel

Type	: Imported High Efficiency Monocrystalline Silicon
Max Power	: 36V 70W (Type B)
Lifetime	: 25 Years

Battery

Type	: LiFePO4 Battery
Rating	: 25.6V 30AH
Lifetime	: 5 Years

LED Lamp

Max Power	: 40W
LED Chip	: Lumileds 5050
Chip Quantity	: 28 PCS
System Efficacy	: Typical 175 lm/W - 200 lm/W
Total Lumen	: Typical 7,000 lm - 8000 lm
Lifetime	: 50,000 Hours

Ingress Protection

IP66 Optical Compartment

Charge Time

By Sun : 4.5 Hours

Discharge Time

2 Cloud / Rainy Days / 24 hours

Working Temperature

Range : -25°C ~ +65°C

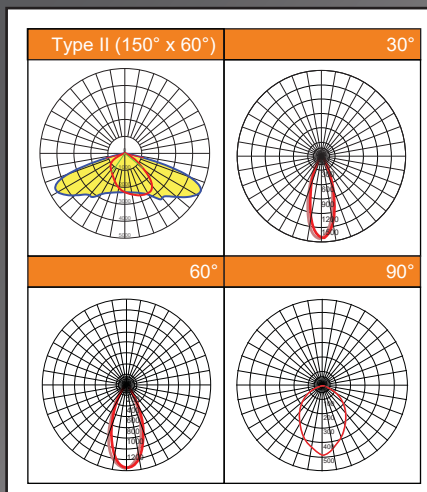
Colour Temperature

Range : 3000K - 6500K

Mounting Recommendation

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

Light Distribution Curve



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

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

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



Casing Material

Aluminium Alloy

Dimming System

4H 100% + 2H 60% + 6H 40%

Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size : 1800*410*125MM (Luminaire)
(Type A & Type B) : 640*167*247MM (Bracket)
Packing Size : 1880*490*225MM (Luminaire)
(Type A & Type B) : 1759*187*267MM (Bracket)

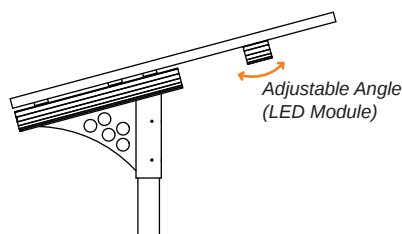
Net Weight

Luminaire : 43KG (Type A) / 40.6KG (Type B)
Bracket : 3.4KG (Type A & Type B)

Gross Weight

Luminaire : 45.5KG (Type A) / 43.1KG (Type B)
Bracket : 4.1KG (Type A & Type B)

Mounting Bracket Type



Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon
Max Power : 36V 135W (Type A & Type B)
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 25.6V 75AH (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 175 lm/W - 200 lm/W
Total Lumen : Typical 10,500 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

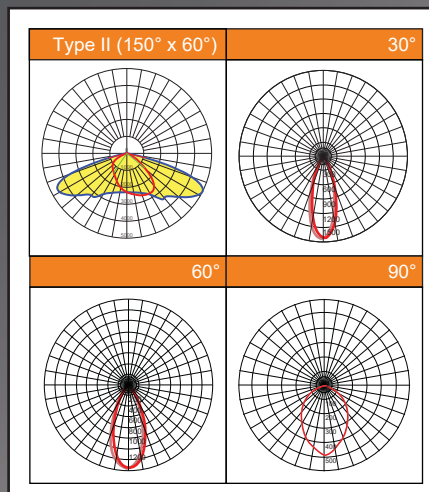
Colour Temperature

Range : 3000K - 6500K

Mounting Recommendation

Height : 6 - 8M
Distance : 23 - 30M

Light Distribution Curve





IP66

DIMMING
FUNCTION

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

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



Casing Material

Aluminium Alloy

Dimming System

4H 100% + 2H 60% + 6H 40%

Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size : 1800*410*125MM (Luminaire)
(Type A & Type B) : 705*240*247MM (Bracket)
Packing Size : 1880*490*225MM (Luminaire)
(Type A & Type B) : 1759*260*267MM (Bracket)

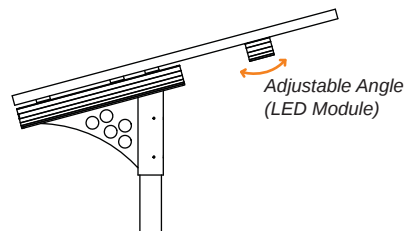
Net Weight

Luminaire : 45.4KG (Type A) / 40.6KG (Type B)
Bracket : 4.0KG (Type A & Type B)

Gross Weight

Luminaire : 47.9KG (Type A) / 43.1KG (Type B)
Bracket : 4.7KG (Type A & Type B)

Mounting Bracket Type



Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon
Max Power : 36V 135W (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 : 80W
LED Chip : Lumileds 5050
Chip Quantity : 56 PCS
System Efficacy : Typical 175 lm/W -200 lm/W
Total Lumen : Typical 14,000 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

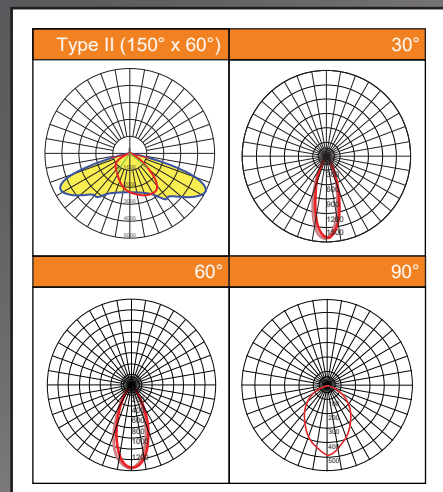
Colour Temperature

Range : 3000K - 6500K

Mounting Recommendation

Height : 8 - 10M
Distance : 23 - 30M

Light Distribution Curve



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

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

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



Casing Material

Aluminium Alloy

Dimming System

4H 100% + 2H 60% + 6H 40%

Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size : 1930*600*125MM (Luminaire)
(Type A & Type B) : 846*400*120.5MM (Bracket)
Packing Size : 2010*680*225MM (Luminaire)
(Type A & Type B) : 1759*410*170MM (Bracket)

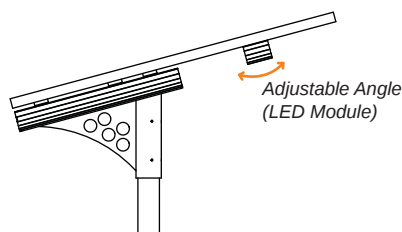
Net Weight

Luminaire : 67.6KG (Type A) / 62.8KG (Type B)
Bracket : 5.0KG (Type A & Type B)

Gross Weight

Luminaire : 70.1KG (Type A) / 65.3KG (Type B)
Bracket : 5.7KG (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 120AH (Type A)
25.6V 90AH (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

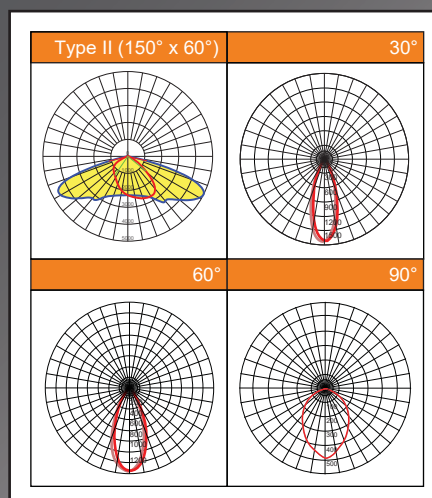
Colour Temperature

Range : 3000K - 6500K

Mounting Recommendation

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

Light Distribution Curve



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

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

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



Casing Material

Aluminium Alloy

Dimming System

4H 100% + 2H 60% + 6H 40%

Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size : 1930*600*125MM (Luminaire)
(Type A & Type B) : 846*650*120.5MM (Bracket)
Packing Size : 2010*680*225MM (Luminaire)
(Type A & Type B) : 1759*770*170MM (Bracket)

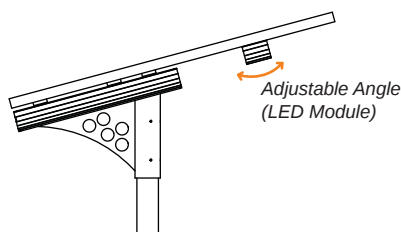
Net Weight

Luminaire : 70KG (Type A) / 62.8KG (Type B)
Bracket : 5.0KG (Type A & Type B)

Gross Weight

Luminaire : 72.5KG (Type A) / 65.3KG (Type B)
Bracket : 5.7KG (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 135AH (Type A)
25.6V 90AH (Type B)
Lifetime : 5 Years

LED Lamp

Max Power : 120W
LED Chip : Lumileds 5050
Chip Quantity : 48 PCS
System Efficacy : Typical 175 lm/W - 200 lm/W
Total Lumen : Typical 21,000 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

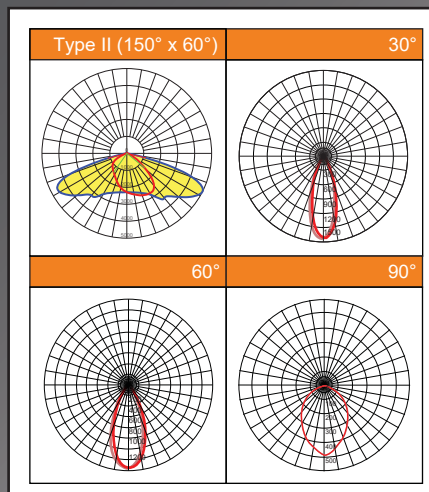
Colour Temperature

Range : 3000K - 6500K

Mounting Recommendation

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

Light Distribution Curve



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

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

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



Casing Material

Aluminium Alloy

Dimming System

4H 100% + 2H 60% + 6H 40%

Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size : 1755*970*125MM (Luminaire)
(Type A & Type B) : 846*650*120.5MM (Bracket)
Packing Size : 1835*1050*225MM (Luminaire)
(Type A & Type B) : 1759*660*170MM (Bracket)

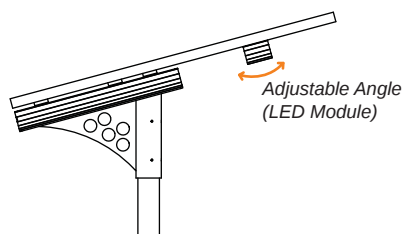
Net Weight

Luminaire : 99.9KG (Type A) / 85.5KG (Type B)
Bracket : 6.0KG (Type A & Type B)

Gross Weight

Luminaire : 102.4KG (Type A) / 88.0KG (Type B)
Bracket : 6.7KG (Type A & Type B)

Mounting Bracket Type



Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon
Max Power : 36V 310W (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 : 150W
LED Chip : Lumileds 5050
Chip Quantity : 48 PCS
System Efficacy : Typical 175 lm/W - 200 lm/W
Total Lumen : Typical 26,250 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

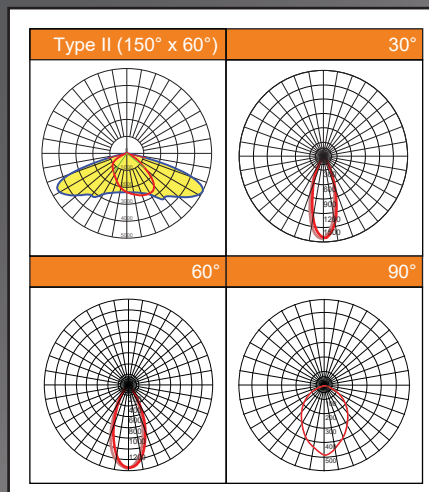
Colour Temperature

Range : 3000K - 6500K

Mounting Recommendation

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

Light Distribution Curve



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