

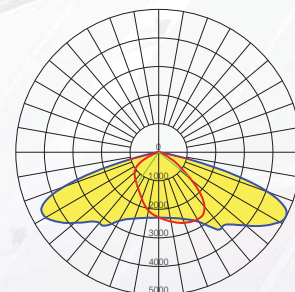
JKC-K-60W **HP**

Integrated Solar LED Street Light

HP Series (2 days autonomy)



LIGHT DISTRIBUTION CURVE



SOLAR PANEL

Type	: Imported High Efficiency Monocrystalline Silicon
Max Power	: 36V 210W
Lifetime	: 25 Years

BATTERY

Type	: LiFePO4 Battery
Rating	: 25.6V 90AH 2304WH
Lifetime	: 5 Years

LED LAMP

Max Power	: 60W
LED Chip	: TYF 5050
Chip Quantity	: 150 PCS
System Efficacy	: Typical 150 lm/W
Total Lumen	: Typical 12,000 lm
Lifetime	: 108,000 hours
Light Distribution Type	: Type II (150° x 60°)

INGRESS PROTECTION

IP66 Optical Compartment

CHARGE TIME

By Sun : 4.5 hours

DISCHARGE TIME

2 cloudy / rainy days / 24 hours

WORKING TEMPERATURE

-25°C ~ +65°C

COLOUR TEMPERATURE

3000K - 6500K

MOUNTING RECOMMENDATION

Height : 6 - 8M
Distance : 20 - 30M

DIMMING SYSTEM

Option A:
4H 100% + 2H 60% + 6H 40%
Option B: 5H 100% + 7H 50%

CASING MATERIAL

Aluminium Alloy

WIRE CONNECTOR

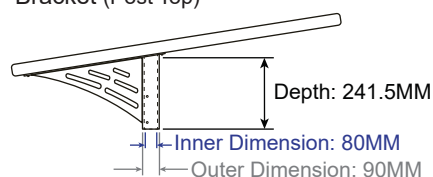
IP68 Waterproof Connector

PACKING & WEIGHT

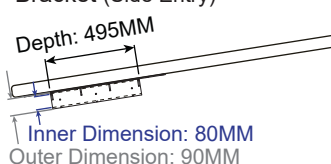
Product Size	: 1940*600*60MM (Luminaire) : 785*167*247MM (Post Top Bracket) : 785*166*247MM (Side Entry Bracket)
Packing Size	: 1980*660*115MM (Luminaire) : 800*180*300MM (Post Top Bracket) : 800*180*165MM (Side Entry Bracket)
Net Weight	
Luminaire	: 35.2KG
Bracket	: 12KG (Post Top) / 16.5KG (Side Entry)
Gross Weight	
Luminaire	: 37.7KG
Bracket	: 12.6KG (Post Top) / 17.1KG (Side Entry)

MOUNTING BRACKET TYPE

Bracket (Post Top)



Bracket (Side Entry)



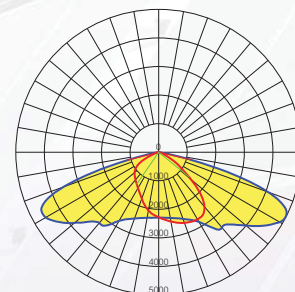
JKC-K-80W **HP**

Integrated Solar LED Street Light

HP Series (2 days autonomy)



LIGHT DISTRIBUTION CURVE



SOLAR PANEL

Type	: Imported High Efficiency Monocrystalline Silicon
Max Power	: 36V 210W
Lifetime	: 25 Years

BATTERY

Type	: LiFePO4 Battery
Rating	: 25.6V 90AH 2304WH
Lifetime	: 5 Years

LED LAMP

Max Power	: 80W
LED Chip	: TYF 5050
Chip Quantity	: 150 PCS
System Efficacy	: Typical 196lm/W
Total Lumen	: Typical 15,680 lm
Lifetime	: 108,000 hours
Light Distribution Type	: Type II (150° x 60°)

INGRESS PROTECTION

IP66 Optical Compartment

CHARGE TIME

By Sun : 4.5 hours

DISCHARGE TIME

2 cloudy / rainy days / 24 hours

WORKING TEMPERATURE

-25°C ~ +65°C

COLOUR TEMPERATURE

3000K - 6500K

MOUNTING RECOMMENDATION

Height : 7 - 8M
Distance : 23 - 30M

DIMMING SYSTEM

Option A:
4H 100% + 2H 60% + 6H 40%
Option B: 5H 100% + 7H 50%

CASING MATERIAL

Aluminium Alloy

WIRE CONNECTOR

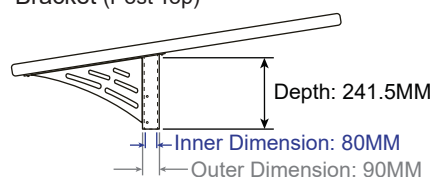
IP68 Waterproof Connector

PACKING & WEIGHT

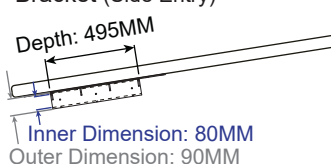
Product Size	: 1940*600*60MM (Luminaire) : 785*167*247MM (Post Top Bracket) : 785*166*247MM (Side Entry Bracket)
Packing Size	: 1980*660*115MM (Luminaire) : 800*180*300MM (Post Top Bracket) : 800*180*165MM (Side Entry Bracket)
Net Weight	
Luminaire	: 35.2KG
Bracket	: 12KG (Post Top) / 16.5KG (Side Entry)
Gross Weight	
Luminaire	: 37.7KG
Bracket	: 12.6KG (Post Top) / 17.1KG (Side Entry)

MOUNTING BRACKET TYPE

Bracket (Post Top)



Bracket (Side Entry)



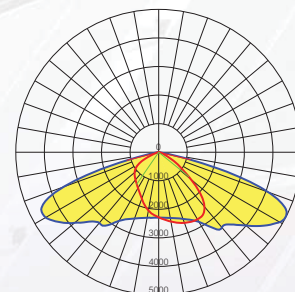
JKC-K-100W HP

Integrated Solar LED Street Light

HP Series (2 days autonomy)



LIGHT DISTRIBUTION CURVE



SOLAR PANEL

Type	: Imported High Efficiency Monocrystalline Silicon
Max Power	: 36V 320W
Lifetime	: 25 Years

BATTERY

Type	: LiFePO4 Battery
Rating	: 25.6V 90AH 2304WH
Lifetime	: 5 Years

LED LAMP

Max Power	: 100W
LED Chip	: TYF 5050
Chip Quantity	: 150 PCS
System Efficacy	: Typical 196lm/W
Total Lumen	: Typical 19,600 lm
Lifetime	: 108,000 hours
Light Distribution Type	: Type II (150° x 60°)

INGRESS PROTECTION

IP66 Optical Compartment

CHARGE TIME

By Sun : 4.5 hours

DISCHARGE TIME

2 cloudy / rainy days / 24 hours

WORKING TEMPERATURE

-25°C ~ +65°C

COLOUR TEMPERATURE

3000K - 6500K

MOUNTING RECOMMENDATION

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

DIMMING SYSTEM

Option A:
4H 100% + 2H 60% + 6H 40%
Option B: 5H 100% + 7H 50%

CASING MATERIAL

Aluminium Alloy

WIRE CONNECTOR

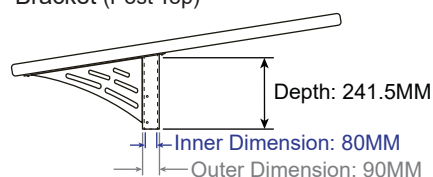
IP68 Waterproof Connector

PACKING & WEIGHT

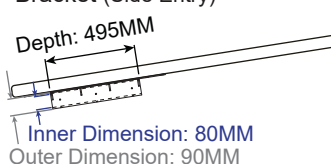
Product Size	: 1765*980*60MM (Luminaire) : 810*240*247MM (Post Top Bracket) : 810*95*240MM (Side Entry Bracket)
Packing Size	: 1830*1050*115MM (Luminaire) : 830*270*300MM (Post Top Bracket) : 830*115*290MM (Side Entry Bracket)
Net Weight	
Luminaire	: 43.36KG
Bracket	: 15.3KG (Post Top) / 19.8KG (Side Entry)
Gross Weight	
Luminaire	: 45.86KG
Bracket	: 16.5KG (Post Top) / 21KG (Side Entry)

MOUNTING BRACKET TYPE

Bracket (Post Top)



Bracket (Side Entry)



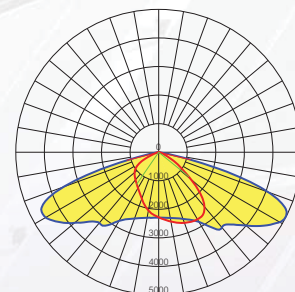
JKC-K-120W HP

Integrated Solar LED Street Light

HP Series (2 days autonomy)



LIGHT DISTRIBUTION CURVE



SOLAR PANEL

Type	: Imported High Efficiency Monocrystalline Silicon
Max Power	: 36V 320W
Lifetime	: 25 Years

BATTERY

Type	: LiFePO4 Battery
Rating	: 25.6V 120AH 3072WH
Lifetime	: 5 Years

LED LAMP

Max Power	: 120W
LED Chip	: TYF 5050
Chip Quantity	: 200 PCS
System Efficacy	: Typical 192 lm/W
Total Lumen	: Typical 23,040 lm
Lifetime	: 108,000 hours
Light Distribution Type	: Type II (150° x 60°)

INGRESS PROTECTION

IP66 Optical Compartment

CHARGE TIME

By Sun : 4.5 hours

DISCHARGE TIME

2 cloudy / rainy days / 24 hours

WORKING TEMPERATURE

-25°C ~ +65°C

COLOUR TEMPERATURE

3000K - 6500K

MOUNTING RECOMMENDATION

Height : 8 - 12M
Distance : 23 - 30M

DIMMING SYSTEM

Option A:
4H 100% + 2H 60% + 6H 40%
Option B: 5H 100% + 7H 50%

CASING MATERIAL

Aluminium Alloy

WIRE CONNECTOR

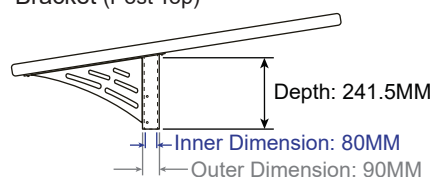
IP68 Waterproof Connector

PACKING & WEIGHT

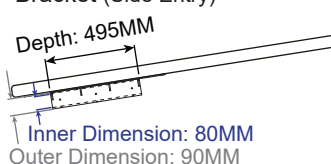
Product Size	: 1765*980*60MM (Luminaire) : 810*240*247MM (Post Top Bracket) : 810*95*240MM (Side Entry Bracket)
Packing Size	: 1830*1050*115MM (Luminaire) : 830*270*300MM (Post Top Bracket) : 830*115*290MM (Side Entry Bracket)
Net Weight	
Luminaire	: 54KG
Bracket	: 15.3KG (Post Top) / 19.8KG (Side Entry)
Gross Weight	
Luminaire	: 56.5KG
Bracket	: 16.5KG (Post Top) / 21KG (Side Entry)

MOUNTING BRACKET TYPE

Bracket (Post Top)



Bracket (Side Entry)



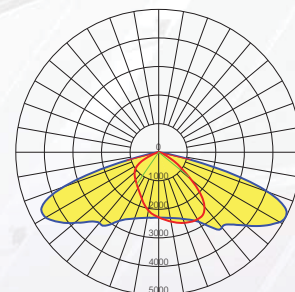
JKC-K-150W HP

Integrated Solar LED Street Light

HP Series (2 days autonomy)



LIGHT DISTRIBUTION CURVE



SOLAR PANEL

Type	: Imported High Efficiency Monocrystalline Silicon
Max Power	: 33V 400W
Lifetime	: 25 Years

BATTERY

Type	: LiFePO4 Battery
Rating	: 25.6V 150AH 3840WH
Lifetime	: 5 Years

LED LAMP

Max Power	: 150W
LED Chip	: TYF 5050
Chip Quantity	: 200 PCS
System Efficacy	: Typical 192 lm/W
Total Lumen	: Typical 28,800 lm
Lifetime	: 108,000 hours
Light Distribution Type	: Type II (150° x 60°)

INGRESS PROTECTION

IP66 Optical Compartment

CHARGE TIME

By Sun : 4.5 hours

DISCHARGE TIME

2 cloudy / rainy days / 24 hours

WORKING TEMPERATURE

-25°C ~ +65°C

COLOUR TEMPERATURE

3000K - 6500K

MOUNTING RECOMMENDATION

Height : 8 - 12M
Distance : 30 - 35M

DIMMING SYSTEM

Option A:
4H 100% + 2H 60% + 6H 40%
Option B: 5H 100% + 7H 50%

CASING MATERIAL

Aluminium Alloy

WIRE CONNECTOR

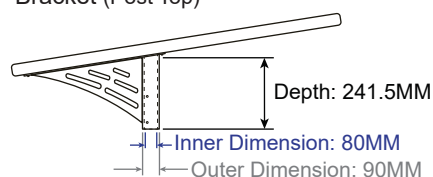
IP68 Waterproof Connector

PACKING & WEIGHT

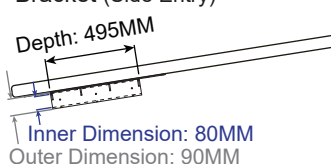
Product Size	: 2165*975*60MM (Luminaire) : 900*240*247MM (Post Top Bracket) : 850*95*360MM (Side Entry Bracket)
Packing Size	: 2199*1050*115MM (Luminaire) : 925*265*300MM (Post Top Bracket) : 925*265*375MM (Side Entry Bracket)
Net Weight	
Luminaire	: 63.5KG
Bracket	: 21.5KG (Post Top) / 26KG (Side Entry)
Gross Weight	
Luminaire	: 66KG
Bracket	: 22.5KG (Post Top) / 27KG (Side Entry)

MOUNTING BRACKET TYPE

Bracket (Post Top)



Bracket (Side Entry)



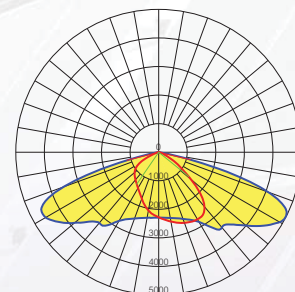
JKC-K-180W HP

Integrated Solar LED Street Light

HP Series (2 days autonomy)



LIGHT DISTRIBUTION CURVE



SOLAR PANEL

Type	: Imported High Efficiency Monocrystalline Silicon
Max Power	: 33V 400W
Lifetime	: 25 Years

BATTERY

Type	: LiFePO4 Battery
Rating	: 25.6V 150AH 3840WH
Lifetime	: 5 Years

LED LAMP

Max Power	: 180W
LED Chip	: TYF 5050
Chip Quantity	: 200 PCS
System Efficacy	: Typical 192 lm/W
Total Lumen	: Typical 34,560 lm
Lifetime	: 108,000 hours
Light Distribution Type	: Type II (150° x 60°)

INGRESS PROTECTION

IP66 Optical Compartment

CHARGE TIME

By Sun : 4.5 hours

DISCHARGE TIME

2 cloudy / rainy days / 24 hours

WORKING TEMPERATURE

-25°C ~ +65°C

COLOUR TEMPERATURE

3000K - 6500K

MOUNTING RECOMMENDATION

Height : 9 - 12M
Distance : 30 - 35M

DIMMING SYSTEM

Option A:
4H 100% + 2H 60% + 6H 40%
Option B: 5H 100% + 7H 50%

CASING MATERIAL

Aluminium Alloy

WIRE CONNECTOR

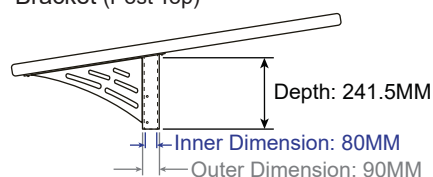
IP68 Waterproof Connector

PACKING & WEIGHT

Product Size	: 2166*975*60MM (Luminaire) : 900*240*247MM (Post Top Bracket) : 850*95*360MM (Side Entry Bracket)
Packing Size	: 2199*1050*115MM (Luminaire) : 925*265*300MM (Post Top Bracket) : 925*265*375MM (Side Entry Bracket)
Net Weight	
Luminaire	: 63.5KG
Bracket	: 21.5KG (Post Top) / 26KG (Side Entry)
Gross Weight	
Luminaire	: 66KG
Bracket	: 22.5KG (Post Top) / 27KG (Side Entry)

MOUNTING BRACKET TYPE

Bracket (Post Top)



Bracket (Side Entry)

