

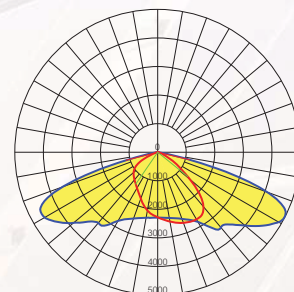
JKC-K-40W **HE**

Integrated Solar LED Street Light

HE Series (2 days autonomy / 3 days autonomy)



LIGHT DISTRIBUTION CURVE



SOLAR PANEL

Type	: Imported High Efficiency Monocrystalline Silicon
Max Power	: 36V 135W
Lifetime	: 25 Years

BATTERY

Type	: LiFePO4 Battery
Rating	: 25.6V 30AH 768WH (2 days) : 25.6V 45AH 1152WH (3 days)
Lifetime	: 5 Years

LED LAMP

Max Power	: 40W
LED Chip	: TYF 5050
Chip Quantity	: 50 PCS
System Efficacy	: Typical 200 lm/W
Total Lumen	: Typical 8,000 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
- 3 cloudy / rainy days / 36 hours

WORKING TEMPERATURE

-25°C ~ +65°C

COLOUR TEMPERATURE

3000K - 6500K

MOUNTING RECOMMENDATION

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

DIMMING SYSTEM

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

CASING MATERIAL

Aluminium Alloy

WIRE CONNECTOR

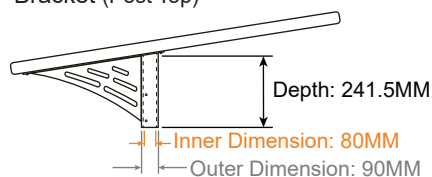
IP68 Waterproof
Connector

PACKING & WEIGHT

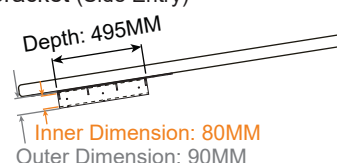
Product Size	: 1810*410*60MM (Luminaire) : 785*167*247MM (Post Top Bracket) : 785*166*247MM (Side Entry Bracket)
Packing Size	: 1860*475*115MM (Luminaire) : 800*180*300MM (Post Top Bracket) : 800*180*165MM (Side Entry Bracket)
Net Weight	
Luminaire	: 18.24KG (2 days) / 22.97KG (3 days)
Bracket	: 12KG (Post Top) / 16.5KG (Side Entry)
Gross Weight	
Luminaire	: 20.74KG (2 days) / 25.47KG (3 days)
Bracket	: 12.6KG (Post Top) / 17.1KG (Side Entry)

MOUNTING BRACKET TYPE

Bracket (Post Top)



Bracket (Side Entry)



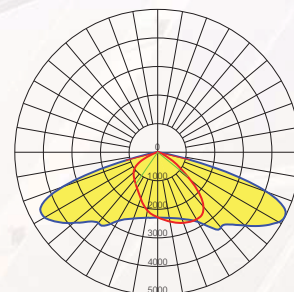
JKC-K-60W **HE**

Integrated Solar LED Street Light

HE Series (2 days autonomy / 3 days autonomy)



LIGHT DISTRIBUTION CURVE



SOLAR PANEL

Type	: Imported High Efficiency Monocrystalline Silicon
Max Power	: 36V 135W
Lifetime	: 25 Years

BATTERY

Type	: LiFePO4 Battery
Rating	: 25.6V 60AH 1536WH (2 days) : 25.6V 75AH 1920WH (3 days)
Lifetime	: 5 Years

LED LAMP

Max Power	: 60W
LED Chip	: TYF 5050
Chip Quantity	: 100 PCS
System Efficacy	: Typical 200 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
- 3 cloudy / rainy days / 36 hours

WORKING TEMPERATURE

-25°C ~ +65°C

COLOUR TEMPERATURE

3000K - 6500K

MOUNTING RECOMMENDATION

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

CASING MATERIAL

Aluminium Alloy

DIMMING SYSTEM

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

WIRE CONNECTOR

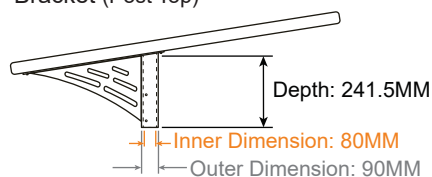
IP68 Waterproof Connector

PACKING & WEIGHT

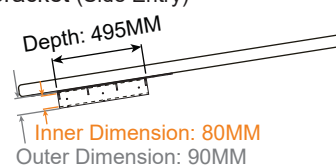
Product Size	: 1810*410*60MM (Luminaire) : 785*170*250MM (Post Top Bracket) : 785*166*247MM (Side Entry Bracket)
Packing Size	: 1860*475*115MM (Luminaire) : 800*180*300MM (Post Top Bracket) : 800*180*165MM (Side Entry Bracket)
Net Weight	
Luminaire	: 24.4KG (2 days) / 27.3KG (3 days)
Bracket	: 12KG (Post Top) / 16.5KG (Side Entry)
Gross Weight	
Luminaire	: 26.9KG (2 days) / 29.8KG (3 days)
Bracket	: 12.6KG (Post Top) / 17.1KG (Side Entry)

MOUNTING BRACKET TYPE

Bracket (Post Top)



Bracket (Side Entry)



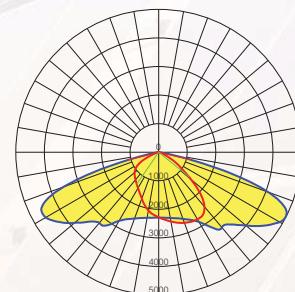
JKC-K-80W **HE**

Integrated Solar LED Street Light

HE Series (2 days autonomy / 3 days autonomy)



LIGHT DISTRIBUTION CURVE



SOLAR PANEL

Type	: Imported High Efficiency Monocrystalline Silicon
Max Power	: 36V 135W
Lifetime	: 25 Years

BATTERY

Type	: LiFePO4 Battery
Rating	: 25.6V 60AH 1536WH (2 days) : 25.6V 90AH 2304WH (3 days)
Lifetime	: 5 Years

LED LAMP

Max Power	: 80W
LED Chip	: TYF 5050
Chip Quantity	: 100 PCS
System Efficacy	: Typical 196 lm/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
- 3 cloudy / rainy days / 36 hours

WORKING TEMPERATURE

-25°C ~ +65°C

COLOUR TEMPERATURE

3000K - 6500K

MOUNTING RECOMMENDATION

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

DIMMING SYSTEM

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

CASING MATERIAL

Aluminium Alloy

WIRE CONNECTOR

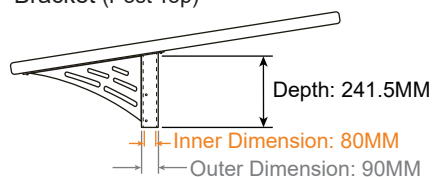
IP68 Waterproof Connector

PACKING & WEIGHT

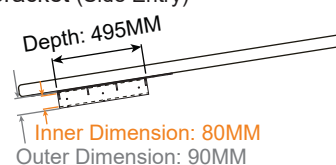
Product Size	: 1810*410*60MM (Luminaire) : 785*170*250MM (Post Top Bracket) : 785*166*95MM (Side Entry Bracket)
Packing Size	: 1860*475*115MM (Luminaire) : 800*180*300MM (Post Top Bracket) : 800*180*165MM (Side Entry Bracket)
Net Weight	
Luminaire	: 24.4KG (2 days) / 29.7KG (3 days)
Bracket	: 12KG (Post Top) / 16.5KG (Side Entry)
Gross Weight	
Luminaire	: 26.9KG (2 days) / 32.2KG (3 days)
Bracket	: 12.6KG (Post Top) / 17.1KG (Side Entry)

MOUNTING BRACKET TYPE

Bracket (Post Top)



Bracket (Side Entry)



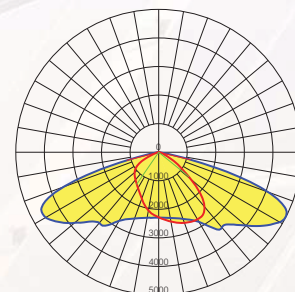
JKC-K-100W **HE**

Integrated Solar LED Street Light

HE Series (2 days autonomy / 3 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 (2 days) : 25.6V 120AH 3072WH (3 days)
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
- 3 cloudy / rainy days / 36 hours

WORKING TEMPERATURE

-25°C ~ +65°C

COLOUR TEMPERATURE

3000K - 6500K

MOUNTING RECOMMENDATION

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

DIMMING SYSTEM

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

CASING MATERIAL

Aluminium Alloy

WIRE CONNECTOR

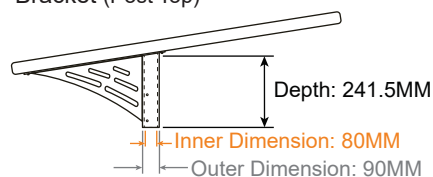
IP68 Waterproof Connector

PACKING & WEIGHT

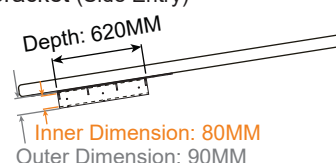
Product Size	: 1940*600*60MM (Luminaire) : 810*240*250MM (Post Top Bracket) : 810*95*240MM (Side Entry Bracket)
Packing Size	: 1980*660*115MM (Luminaire) : 830*270*300MM (Post Top Bracket) : 830*115*290MM (Side Entry Bracket)
Net Weight	
Luminaire	: 35.2KG (2 days) / 43.6KG (3 days)
Bracket	: 15.3KG (Post Top) / 19.8KG (Side Entry)
Gross Weight	
Luminaire	: 37.7KG (2 days) / 46.1KG (3 days)
Bracket	: 16.5KG (Post Top) / 21KG (Side Entry)

MOUNTING BRACKET TYPE

Bracket (Post Top)



Bracket (Side Entry)



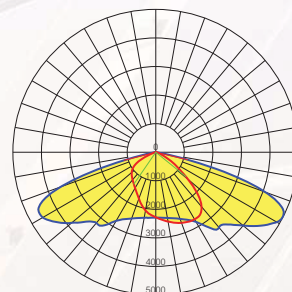
JKC-K-120W **HE**

Integrated Solar LED Street Light

HE Series (2 days autonomy / 3 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 (2 days) : 25.6V 135AH 3456WH (3 days)
Lifetime	: 5 Years

LED LAMP

Max Power	: 120W
LED Chip	: TYF 5050
Chip Quantity	: 150 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
- 3 cloudy / rainy days / 36 hours

WORKING TEMPERATURE

-25°C ~ +65°C

COLOUR TEMPERATURE

3000K - 6500K

MOUNTING RECOMMENDATION

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

CASING MATERIAL

Aluminium Alloy

DIMMING SYSTEM

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

WIRE CONNECTOR

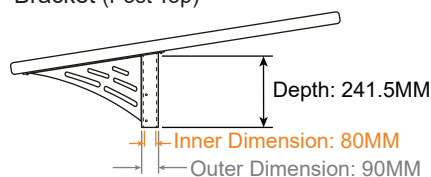
IP68 Waterproof Connector

PACKING & WEIGHT

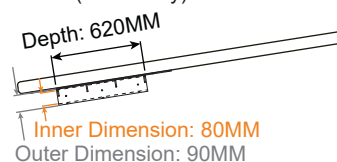
Product Size	: 1940*600*60MM (Luminaire) : 810*240*250MM (Post Top Bracket) : 810*95*240MM (Side Entry Bracket)
Packing Size	: 1980*660*115MM (Luminaire) : 830*270*300MM (Post Top Bracket) : 830*115*290MM (Side Entry Bracket)
Net Weight	
Luminaire	: 35.2KG (2 days) / 43.6KG (3 days)
Bracket	: 15.3KG (Post Top) / 19.8KG (Side Entry)
Gross Weight	
Luminaire	: 37.7KG (2 days) / 46.1KG (3 days)
Bracket	: 16.5KG (Post Top) / 21KG (Side Entry)

MOUNTING BRACKET TYPE

Bracket (Post Top)



Bracket (Side Entry)



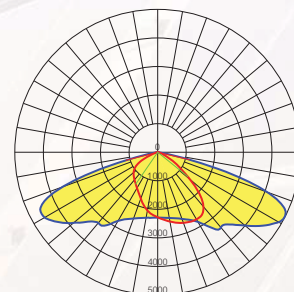
JKC-K-150W **HE**

Integrated Solar LED Street Light

HE Series (2 days autonomy / 3 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 (2 days) : 25.6V 180AH 4608WH (3 days)
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
- 3 cloudy / rainy days / 36 hours

WORKING TEMPERATURE

-25°C ~ +65°C

COLOUR TEMPERATURE

3000K - 6500K

MOUNTING RECOMMENDATION

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

CASING MATERIAL

Aluminium Alloy

DIMMING SYSTEM

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

WIRE CONNECTOR

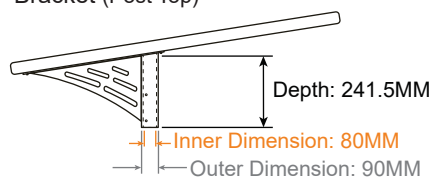
IP68 Waterproof Connector

PACKING & WEIGHT

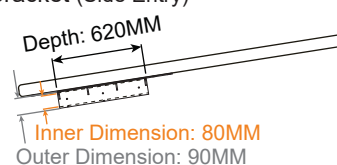
Product Size	: 1765*980*60MM (Luminaire) : 900*360*250MM (Post Top Bracket)
Packing Size	: 850*95*360MM (Side Entry Bracket) : 1830*1050*115MM (Luminaire) : 925*300*265MM (Post Top Bracket) : 925*265*375MM (Side Entry Bracket)
Net Weight	: 54KG (2 days) / 66KG (3 days)
Luminaire	: 21.5KG (Post Top) / 26KG (Side Entry)
Bracket	
Gross Weight	: 56.5KG (2 days) / 68.5KG (3 days)
Luminaire	: 22.5KG (Post Top) / 27KG (Side Entry)
Bracket	

MOUNTING BRACKET TYPE

Bracket (Post Top)



Bracket (Side Entry)



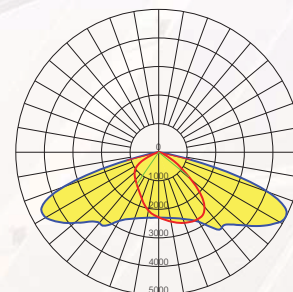
JKC-K-180W **HE**

Integrated Solar LED Street Light

HE Series (2 days autonomy / 3 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 150AH 3840WH (2 days) : 25.6V 210AH 5376WH (3 days)
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
- 3 cloudy / rainy days / 36 hours

WORKING TEMPERATURE

-25°C ~ +65°C

COLOUR TEMPERATURE

3000K - 6500K

MOUNTING RECOMMENDATION

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

DIMMING SYSTEM

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

CASING MATERIAL

Aluminium Alloy

WIRE CONNECTOR

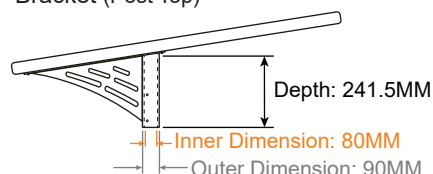
IP68 Waterproof Connector

PACKING & WEIGHT

Product Size	: 1765*980*60MM (Luminaire) : 900*360*247MM (Post Top Bracket)
Packing Size	: 850*95*360MM (Side Entry Bracket) : 1830*1050*115MM (Luminaire) : 925*265*300MM (Post Top Bracket) : 925*265*375MM (Side Entry Bracket)
Net Weight	
Luminaire	: 60.44KG (2 days) / 70.8KG (3 days)
Bracket	: 21.5KG (Post Top) / 26KG (Side Entry)
Gross Weight	
Luminaire	: 62.9KG (2 days) / 73.3KG (3 days)
Bracket	: 22.5KG (Post Top) / 27KG (Side Entry)

MOUNTING BRACKET TYPE

Bracket (Post Top)



Bracket (Side Entry)