

JKC-F-60W Integrated Solar LED Street Light

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



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 : 130 - 190 lm/W
 Total Lumen : Typical 10,505 lm
 Lifetime : 100,000 Hours
 Light Distribution Type : Type II (150° x 60°)

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 : 22 - 30M

Casing Material

Aluminium Alloy

Dimming System

12H 100%

Wire Connector

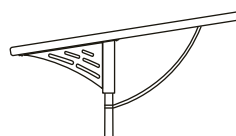
IP68 Waterproof Connector

Packing & Weight

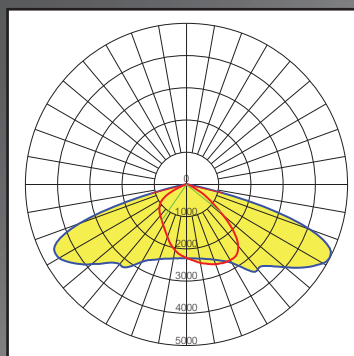
Product Size : 1730*605*60MM (Luminaire)
 (Type A & Type B) : 800*800*300MM (Bracket)
 Packing Size : 1810*685*160MM (Luminaire)
 (Type A & Type B) : 850*810*310MM (Bracket)
 Net Weight
 Luminaire : 38KG (Type A) / 34KG (Type B)
 Bracket : 4.5KG (Type A & Type B)
 Gross Weight
 Luminaire : 40.5KG (Type A) / 36.5KG (Type B)
 Bracket : 5.2KG (Type A & Type B)

Mounting Bracket Type

Bracket (Post Top Type)



Light Distribution Curve



*Optional for GPRS/Zigbee/LoRaWAN Smart System

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

JKC-F-80W Integrated Solar LED Street Light

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



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 : 130 - 190 lm/W
 Total Lumen : Typical 14,850 lm
 Lifetime : 100,000 Hours
 Light Distribution Type : Type II (150° x 60°)

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

Casing Material

Aluminium Alloy

Dimming System

12H 100%

Wire Connector

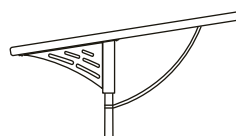
IP68 Waterproof Connector

Packing & Weight

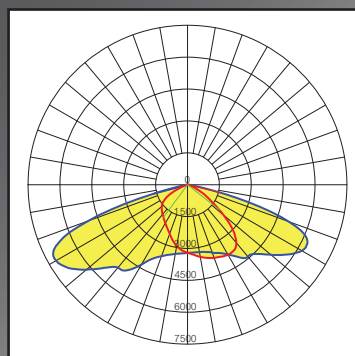
Product Size : 1730*605*60MM (Luminaire)
 (Type A & Type B) : 800*800*300MM (Bracket)
 Packing Size : 1810*685*160MM (Luminaire)
 (Type A & Type B) : 850*810*310MM (Bracket)
 Net Weight
 Luminaire : 45KG (Type A) / 38KG (Type B)
 Bracket : 5KG (Type A) / 4.5KG (Type B)
 Gross Weight
 Luminaire : 47.5KG (Type A) / 40.5KG (Type B)
 Bracket : 5.7KG (Type A) / 5.2KG (Type B)

Mounting Bracket Type

Bracket (Post Top Type)



Light Distribution Curve



*Optional for GPRS/Zigbee/LoRaWAN Smart System

JKC-F-100W Integrated Solar LED Street Light

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



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 : 130 - 190 lm/W
 Total Lumen : Typical 14,735 lm
 Lifetime : 100,000 Hours
 Light Distribution Type : Type II (150° x 60°)

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

Casing Material

Aluminium Alloy

Dimming System

12H 100%

Wire Connector

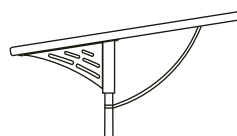
IP68 Waterproof Connector

Packing & Weight

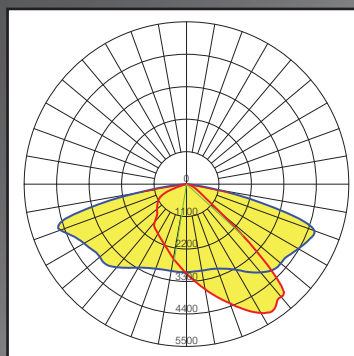
Product Size : 1720*970*60MM (Luminaire)
 (Type A & Type B) : 800*800*300MM (Bracket)
 Packing Size : 1800*1050*160MM (Luminaire)
 (Type A & Type B) : 850*810*310MM (Bracket)
 Net Weight
 Luminaire : 60KG (Type A) / 45KG (Type B)
 Bracket : 5KG (Type A & Type B)
 Gross Weight
 Luminaire : 62.5KG (Type A) / 47.5KG (Type B)
 Bracket : 5.7KG (Type A & Type B)

Mounting Bracket Type

Bracket (Post Top Type)



Light Distribution Curve



*Optional for GPRS/Zigbee/LoRaWAN Smart System

JKC-F-120W Integrated Solar LED Street Light

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



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 : 130 - 190lm/W
 Total Lumen : Typical 16,751 lm
 Lifetime : 100,000 Hours
 Light Distribution Type : Type II (150° x 60°)

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

Casing Material

Aluminium Alloy

Dimming System

12H 100%

Wire Connector

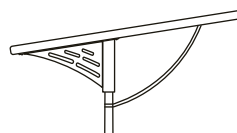
IP68 Waterproof Connector

Packing & Weight

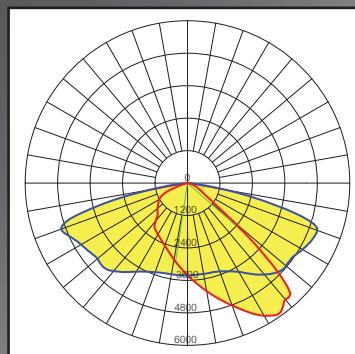
Product Size : 1720*975*60MM (Type A Luminaire)
 : 1720*970*60MM (Type B Luminaire)
 (Bracket) : 800*800*300MM (Type A & Type B)
 Packing Size : 1800*1055*160MM (Type A Luminaire)
 : 1800*1050*160MM (Type B Luminaire)
 (Bracket) : 850*810*310MM (Type A & Type B)
 Net Weight :
 Luminaire : 65KG (Type A) / 47KG (Type B)
 Bracket : 8.5KG (Type A) / 5KG (Type B)
 Gross Weight :
 Luminaire : 67.5KG (Type A) / 49.5KG (Type B)
 Bracket : 9.2KG (Type A) / 5.7KG (Type B)

Mounting Bracket Type

Bracket (Post Top Type)



Light Distribution Curve



*Optional for GPRS/Zigbee/LoRaWAN Smart System

JKC-F-150W Integrated Solar LED Street Light

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



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 : 130 - 190 lm/W
 Total Lumen : Typical 19,947 lm
 Lifetime : 100,000 Hours
 Light Distribution Type : Type II (150° x 60°)

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 - 38M

Casing Material

Aluminium Alloy

Dimming System

12H 100%

Wire Connector

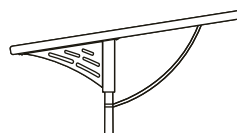
IP68 Waterproof Connector

Packing & Weight

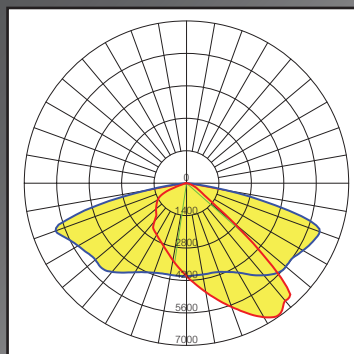
Product Size : 2150*975*60MM (Type A Luminaire)
 : 2150*972*60MM (Type B Luminaire)
 (Bracket) : 800*800*300MM (Type A & Type B)
 Packing Size : 2230*1055*160MM (Type A Luminaire)
 : 2230*1052*160MM (Type B Luminaire)
 (Bracket) : 850*810*310MM (Type A & Type B)
 Net Weight
 Luminaire : 75KG (Type A) / 70KG (Type B)
 Bracket : 8.5KG (Type A) / 7KG (Type B)
 Gross Weight
 Luminaire : 77.5KG (Type A) / 72.5KG (Type B)
 Bracket : 9.2KG (Type A) / 7.7KG (Type B)

Mounting Bracket Type

Bracket (Post Top Type)



Light Distribution Curve



*Optional for GPRS/Zigbee/LoRaWAN Smart System

JKC-F-180W Integrated Solar LED Street Light

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



Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon
 Max Power : 36V 480W (Type A & Type B)
 Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
 Rating : 25.6V 300AH (Type A)
 25.6V 210AH (Type B)
 Lifetime : 5 Years

LED Lamp

Max Power : 180W
 LED Chip : Lumileds 5050
 Chip Quantity : 96 PCS
 System Efficacy : 130 - 190 lm/W
 Total Lumen : Typical 20,053 lm
 Lifetime : 100,000 Hours
 Light Distribution Type : Type II (150° x 60°)

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 - 38M

Casing Material

Aluminium Alloy

Dimming System

12H 100%

Wire Connector

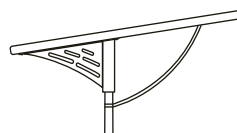
IP68 Waterproof Connector

Packing & Weight

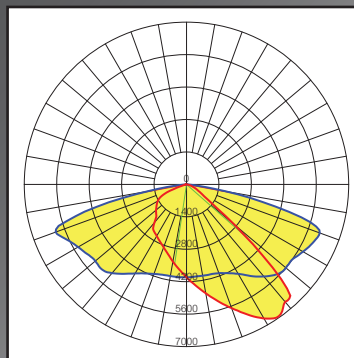
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 : 2016*1100*60MM (Type B Luminaire)
 (Bracket) : 800*800*300MM (Bracket)
 Packing Size : 2526*1055*160MM (Type A Luminaire)
 : 2096*1180*160MM (Type B Luminaire)
 (Bracket) : 850*810*310MM (Bracket)
 Net Weight
 Luminaire : 85KG (Type A) / 82KG (Type B)
 Bracket : 8.5KG (Type A) / 7.5KG (Type B)
 Gross Weight
 Luminaire : 87.5KG (Type A) / 84.5KG (Type B)
 Bracket : 9.2KG (Type A) / 8.2KG (Type B)

Mounting Bracket Type

Bracket (Post Top Type)



Light Distribution Curve



*Optional for GPRS/Zigbee/LoRaWAN Smart System

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