



IP66

DIMMING
FUNCTIONIEC
60598-2-3

JKC-K-60W Integrated Solar LED Street Light

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



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

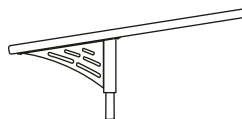
Product Size : 1800*410*60MM (Luminaire)
(Type A & Type B) : 785*167*247MM (Bracket)
Packing Size : 1860*475*115MM (Luminaire)
(Type A & Type B) : 800*180*300MM (Bracket)

Net Weight

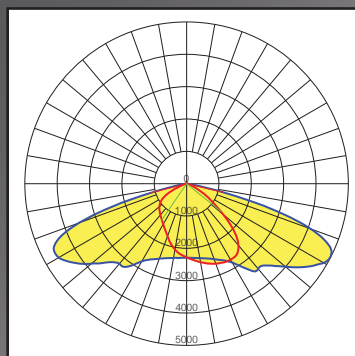
Luminaire : 25KG (Type A) / 22.6KG (Type B)
Bracket : 12KG (Type A & Type B)
Gross Weight
Luminaire : 27.3KG (Type A) / 24.9KG (Type B)
Bracket : 12.6KG (Type A & Type B)

Mounting Bracket Type

Bracket (Post Top Type)



Light Distribution Curve



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
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



IP66

DIMMING
FUNCTIONIEC
60598-2-3

JKC-K-80W Integrated Solar LED Street Light

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



Mounting Recommendation

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

Casing Material

Aluminium Alloy

Dimming System

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

Wire Connector

IP68 Waterproof Connector

Packing & Weight

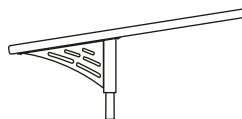
Product Size : 1800*410*60MM (Luminaire)
(Type A & Type B) : 785*167*247MM (Bracket)
Packing Size : 1860*475*115MM (Luminaire)
(Type A & Type B) : 800*180*300MM (Bracket)

Net Weight

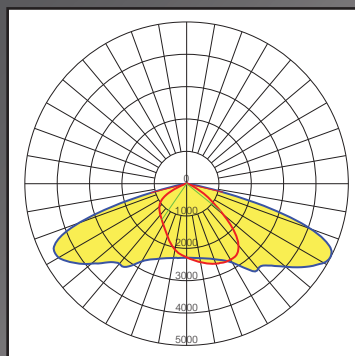
Luminaire : 27.4KG (Type A) / 22.6KG (Type B)
Bracket : 12.0KG (Type A & Type B)
Gross Weight : 29.7KG (Type A) / 24.9KG (Type B)
Bracket : 12.6KG (Type A & Type B)

Mounting Bracket Type

Bracket (Post Top Type)



Light Distribution Curve



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 - 200lm/W
Total Lumen : Typical 14,000 lm - 16,000 lm
Lifetime : 50,000 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



IP66

DIMMING
FUNCTIONIEC
60598-2-3

JKC-K-100W Integrated Solar LED Street Light

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



Mounting Recommendation

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

Casing Material

Aluminium Alloy

Dimming System

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

Wire Connector

IP68 Waterproof Connector

Packing & Weight

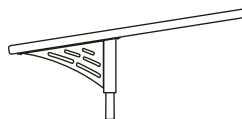
Product Size : 1930*600*60MM (Luminaire)
(Type A & Type B) : 810*240*247MM (Bracket)
Packing Size : 1980*660*115MM (Luminaire)
(Type A & Type B) : 830*270*300MM (Bracket)

Net Weight

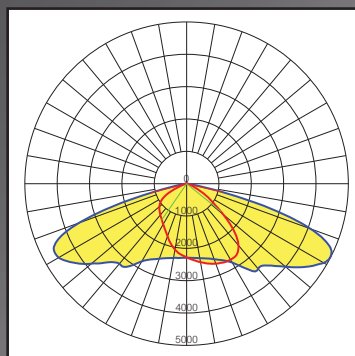
Luminaire : 38.6KG (Type A) / 33.8KG (Type B)
Bracket : 15.3KG (Type A & Type B)
Gross Weight : 41.4KG (Type A) / 36.3KG (Type B)
Bracket : 16.5KG (Type A & Type B)

Mounting Bracket Type

Bracket (Post Top Type)



Light Distribution Curve



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 175 lm/W - 200 lm/W
Total Lumen : Typical 17,500 lm - 20,000 lm
Lifetime : 50,000 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



IP66

DIMMING
FUNCTIONIEC
60598-2-3

JKC-K-120W Integrated Solar LED Street Light

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



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

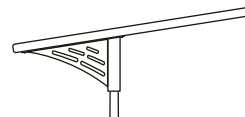
Product Size : 1930*600*60MM (Luminaire)
(Type A & Type B) : 810*240*247MM (Bracket)
Packing Size : 1980*660*115MM (Luminaire)
(Type A & Type B) : 830*270*300MM (Bracket)

Net Weight

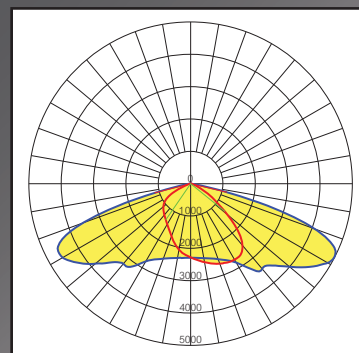
Luminaire : 41.0KG (Type A) / 33.8KG (Type B)
Bracket : 15.3KG (Type A & Type B)
Gross Weight : 43.6KG (Type A) / 36.3KG (Type B)
Bracket : 16.5KG (Type A & Type B)

Mounting Bracket Type

Bracket (Post Top Type)



Light Distribution Curve



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
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



IP66

DIMMING
FUNCTIONIEC
60598-2-3

JKC-K-150W Integrated Solar LED Street Light

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



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

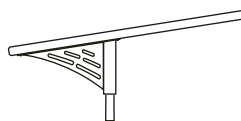
Product Size : 1765*970*60MM (Luminaire)
(Type A & Type B) : 900*280*247MM (Bracket)
Packing Size : 1830*1050*115MM (Luminaire)
(Type A & Type B) : 925*300*265MM (Bracket)

Net Weight

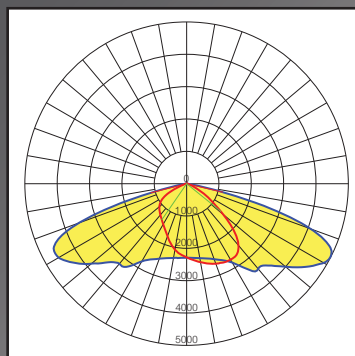
Luminaire : 62.2KG (Type A) / 52.5KG (Type B)
Bracket : 21.5KG (Type A & Type B)
Gross Weight : 66.0KG (Type A) / 56.3KG (Type B)
Bracket : 22.5KG (Type A & Type B)

Mounting Bracket Type

Bracket (Post Top Type)



Light Distribution Curve



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 : 150W
LED Chip : Lumileds 5050
Chip Quantity : 48 PCS
System Efficacy : Typical 175 lm/W - 200 lm/W
Total Lumen : Typical 26,500 lm - 30,000 lm
Lifetime : 50,000 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

JKC-K-180W Integrated Solar LED Street Light

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



Mounting Recommendation

Height : 9 - 12M
Distance : 30 - 40M

Casing Material

Aluminium Alloy

Dimming System

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

Wire Connector

IP68 Waterproof Connector

Packing & Weight

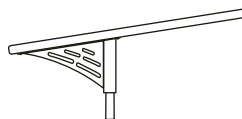
Product Size : 1765*970*60MM (Luminaire)
(Type A & Type B) : 900*280*247MM (Bracket)
Packing Size : 1830*1050*115MM (Luminaire)
(Type A & Type B) : 925*300*265MM (Bracket)

Net Weight

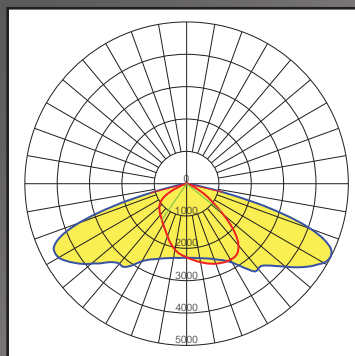
Luminaire : 67.0KG (Type A) / 54.9KG (Type B)
Bracket : 21.5KG (Type A & Type B)
Gross Weight : 70.8KG (Type A) / 58.7KG (Type B)
Bracket : 22.5KG (Type A & Type B)

Mounting Bracket Type

Bracket (Post Top Type)



Light Distribution Curve



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 135AH (Type B)
Lifetime : 5 Years

LED Lamp

Max Power : 180W
LED Chip : Lumileds 5050
Chip Quantity : 96 PCS
System Efficacy : Typical 175 lm/W - 200 lm/W
Total Lumen : Typical 31,500 lm - 36,000 lm
Lifetime : 50,000 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