

JKC-KM-20W Integrated Solar LED Street Light

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



Mounting Recommendation

Height : 6 - 7M
Distance : 19 - 22M

Casing Material

Aluminium Alloy

Dimming System

Dimming can be done by dimming schedule or by motion sensor.

Dimming Schedule Mode:

3h at 100% brightness
2h at 80% brightness
7h at 30% brightness

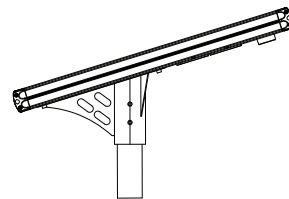
Motion Sensor Mode:

Sensing - 100% brightness
Idle Time - 60 seconds
Standb mode: 25% brightness

Packing & Weight

Product Size : 785*410*60MM (Luminaire)
: 365*170*190MM (Bracket)
Packing Size : 865*490*160MM (Luminaire)
: 845*115*470MM (Bracket)
Net Weight : 7.6KG (Luminaire)
: 2.1KG (Bracket 1)
: 1.7KG (Bracket 2)
Gross Weight : 10.1KG (Luminaire)
: 2.8KG (Bracket 1)
: 2.4KG (Bracket 2)

Mounting Bracket Type



Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon
Max Power : 18V 50W
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 12.8V 15AH
Lifetime : 5 Years

LED Lamp

Max Power : 20W
LED Chip : Bridgelux
Chip Quantity : 56 PCS
System Efficacy : 170 lm/W
Total Lumen : 3,400 lm
Lifetime : 100,000 Hours
Light Distribution Type : 140°

Ingress Protection

IP Protection : IP65

Charge Time

By Sun : 6 Hours

Discharge Time

3 - 5 Cloud/ Rainy Days

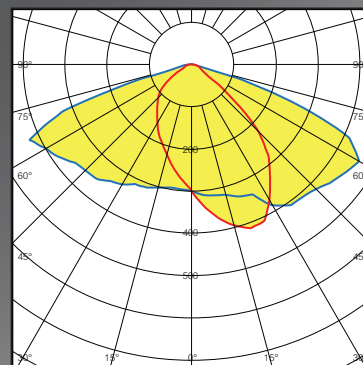
Working Temperature

Range : -30°C ~ +70°C

Colour Temperature

Range : 2700K - 6500K

Light Distribution Curve



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

JKC-KM-40W Integrated Solar LED Street Light

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



Mounting Recommendation

Height : 6 - 7M
Distance : 19 - 22M

Casing Material

Aluminium Alloy

Dimming System

Dimming can be done by dimming schedule or by motion sensor.

Dimming Schedule Mode:

3h at 100% brightness
2h at 80% brightness
7h at 30% brightness

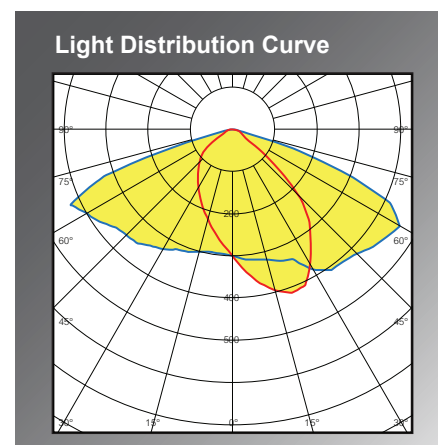
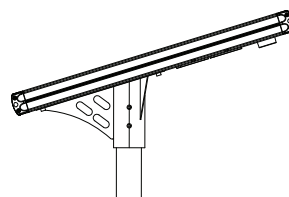
Motion Sensor Mode:

Sensing - 100% brightness
Idle Time - 60 seconds
Standb mode: 25% brightness

Packing & Weight

Product Size : 785*410*60MM (Luminaire)
: 365*170*190MM (Bracket)
Packing Size : 865*490*160MM (Luminaire)
: 380*180*200MM (Bracket)
Net Weight : 7.6KG (Luminaire)
: 2.1KG (Bracket 1)
: 1.7KG (Bracket 2)
Gross Weight : 10.1KG (Luminaire)
: 2.8KG (Bracket 1)
: 2.4KG (Bracket 2)

Mounting Bracket Type



Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon
Max Power : 18V 50W
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 12.8V 15AH
Lifetime : 5 Years

LED Lamp

Max Power : 40W
LED Chip : Bridgelux
Chip Quantity : 56 PCS
System Efficacy : 170 lm/W
Total Lumen : 6,800 lm
Lifetime : 100,000 Hours
Light Distribution Type : 140°

Ingress Protection

IP Protection : IP65

Charge Time

By Sun : 6 Hours

Discharge Time

3 - 5 Cloud/ Rainy Days

Working Temperature

Range : -30°C ~ +70°C

Colour Temperature

Range : 2700K - 6500K

JKC-KM-60W Integrated Solar LED Street Light

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



Mounting Recommendation

Height : 7 - 8M
Distance : 22 - 26M

Casing Material

Aluminium Alloy

Dimming System

Dimming can be done by dimming schedule or by motion sensor.

Dimming Schedule Mode:

3h at 100% brightness
2h at 80% brightness
7h at 30% brightness

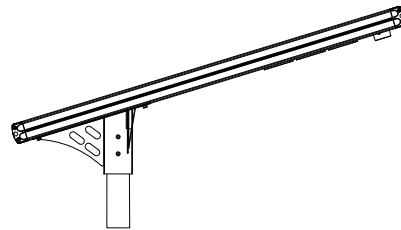
Motion Sensor Mode:

Sensing - 100% brightness
Idle Time - 60 seconds
Standb mode: 25% brightness

Packing & Weight

Product Size : 1220*410*60MM (Luminaire)
: 365*170*190MM (Bracket)
Packing Size : 1300*490*160MM (Luminaire)
: 380*180*200MM (Bracket)
Net Weight : 11.6KG (Luminaire)
: 2.1KG (Bracket 1)
: 1.7KG (Bracket 2)
Gross Weight : 14.1KG (Luminaire)
: 2.8KG (Bracket 1)
: 2.4KG (Bracket 2)

Mounting Bracket Type



Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon
Max Power : 18V 90W
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 12.8V 30AH
Lifetime : 5 Years

LED Lamp

Max Power : 60W
LED Chip : Bridgelux
Chip Quantity : 84 PCS
System Efficacy : 170 lm/W
Total Lumen : 10,200 lm
Lifetime : 100,000 Hours
Light Distribution Type : 140°

Ingress Protection

IP Protection : IP65

Charge Time

By Sun : 6 Hours

Discharge Time

3 - 5 Cloud/ Rainy Days

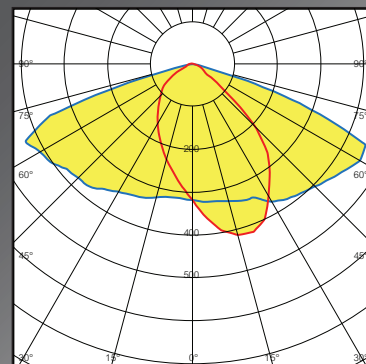
Working Temperature

Range : -30°C ~ +70°C

Colour Temperature

Range : 2700K - 6500K

Light Distribution Curve



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

JKC-KM-80W Integrated Solar LED Street Light

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



Mounting Recommendation

Height : 8 - 9M
Distance : 26 - 29M

Casing Material

Aluminium Alloy

Dimming System

Dimming can be done by dimming schedule or by motion sensor.

Dimming Schedule Mode:

3h at 100% brightness
2h at 80% brightness
7h at 30% brightness

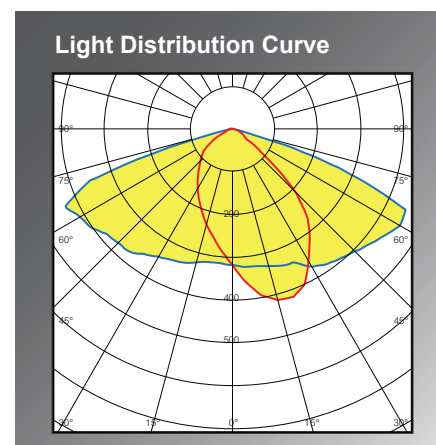
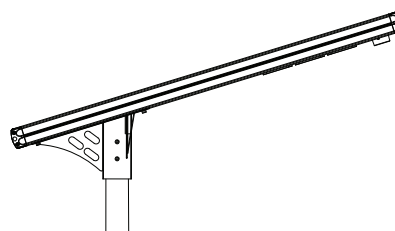
Motion Sensor Mode:

Sensing - 100% brightness
Idle Time - 60 seconds
Standb mode: 25% brightness

Packing & Weight

Product Size : 1220*410*60MM (Luminaire)
: 365*170*190MM (Bracket)
Packing Size : 1300*490*160MM (Luminaire)
: 380*180*200MM (Bracket)
Net Weight : 12.8KG (Luminaire)
: 2.1KG (Bracket 1)
: 1.7KG (Bracket 2)
Gross Weight : 15.3KG (Luminaire)
: 2.8KG (Bracket 1)
: 2.4KG (Bracket 2)

Mounting Bracket Type



Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon
Max Power : 18V 90W
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 12.8V 45AH
Lifetime : 5 Years

LED Lamp

Max Power : 80W
LED Chip : Bridgelux
Chip Quantity : 84 PCS
System Efficacy : 170 lm/W
Total Lumen : 13,600 lm
Lifetime : 100,000 Hours
Light Distribution Type : 140°

Ingress Protection

IP Protection : IP65

Charge Time

By Sun : 6 Hours

Discharge Time

3 - 5 Cloud/ Rainy Days

Working Temperature

Range : -30°C ~ +70°C

Colour Temperature

Range : 2700K - 6500K

JKC-KM-100W Integrated Solar LED Street Light

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



Mounting Recommendation

Height : 8 - 9M
Distance : 26 - 29M

Casing Material

Aluminium Alloy

Dimming System

Dimming can be done by dimming schedule or by motion sensor.

Dimming Schedule Mode:

3h at 100% brightness
2h at 80% brightness
7h at 30% brightness

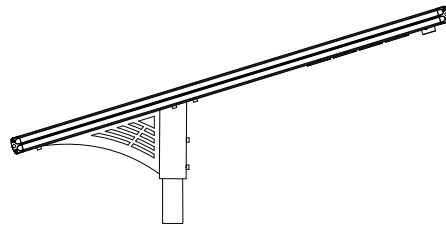
Motion Sensor Mode:

Sensing - 100% brightness
Idle Time - 60 seconds
Standb mode: 25% brightness

Packing & Weight

Product Size : 1675*410*60MM (Luminaire)
: 640*165*240MM (Bracket)
Packing Size : 1755*490*160MM (Luminaire)
: 650*235*290MM (Bracket)
Net Weight : 16.2KG (Luminaire)
: 6.1KG (Bracket 1)
: 5.7KG (Bracket 2)
Gross Weight : 18.7KG (Luminaire)
: 6.8KG (Bracket 1)
: 6.4KG (Bracket 2)

Mounting Bracket Type



Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon
Max Power : 18V 120W
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 12.8V 45AH
Lifetime : 5 Years

LED Lamp

Max Power : 100W
LED Chip : Bridgelux
Chip Quantity : 112 PCS
System Efficacy : 170 lm/W
Total Lumen : 17,000 lm
Lifetime : 100,000 Hours
Light Distribution Type : 140°

Ingress Protection

IP Protection : IP65

Charge Time

By Sun : 6 Hours

Discharge Time

3 - 5 Cloud/ Rainy Days

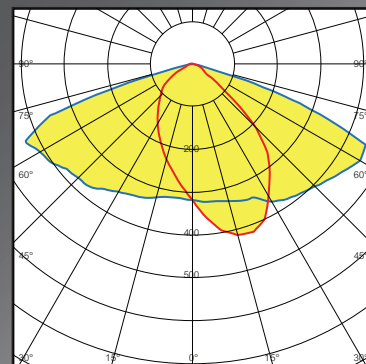
Working Temperature

Range : -30°C ~ +65°C

Colour Temperature

Range : 2700K - 6500K

Light Distribution Curve



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

JKC-KM-120W Integrated Solar LED Street Light

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



Mounting Recommendation

Height : 9 - 10M
Distance : 29 - 32M

Casing Material

Aluminium Alloy

Dimming System

Dimming can be done by dimming schedule or by motion sensor.

Dimming Schedule Mode:

3h at 100% brightness
2h at 80% brightness
7h at 30% brightness

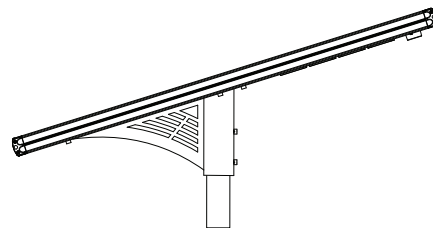
Motion Sensor Mode:

Sensing - 100% brightness
Idle Time - 60 seconds
Standb mode: 25% brightness

Packing & Weight

Product Size : 1445*600*60MM (Luminaire)
: 640*225*290MM (Bracket)
Packing Size : 1525*680*160MM (Luminaire)
: 650*235*300MM (Bracket)
Net Weight : 19.6KG (Luminaire)
: 3.9KG (Bracket 1)
: 3.5KG (Bracket 2)
Gross Weight : 22.1KG (Luminaire)
: 4.6KG (Bracket 1)
: 4.2KG (Bracket 2)

Mounting Bracket Type



Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon
Max Power : 18V 160W (Type A & Type B)
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 12.8V 60AH
Lifetime : 5 Years

LED Lamp

Max Power : 120W
LED Chip : Bridgelux
Chip Quantity : 112 PCS
System Efficacy : 170 lm/W
Total Lumen : 20,400 lm
Lifetime : 100,000 Hours
Light Distribution Type : 140°

Ingress Protection

IP Protection : IP65

Charge Time

By Sun : 6 Hours

Discharge Time

3 - 5 Cloud/ Rainy Days

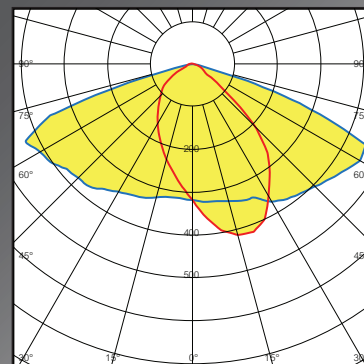
Working Temperature

Range : -30°C ~ +70°C

Colour Temperature

Range : 2700K - 6500K

Light Distribution Curve



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

JKC-KM-150W Integrated Solar LED Street Light

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



Mounting Recommendation

Height : 9 - 10M
Distance : 29 - 32M

Casing Material

Aluminium Alloy

Dimming System

Dimming can be done by dimming schedule or by motion sensor.

Dimming Schedule Mode:

3h at 100% brightness
2h at 80% brightness
7h at 30% brightness

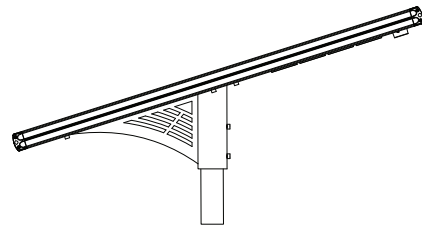
Motion Sensor Mode:

Sensing - 100% brightness
Idle Time - 60 seconds
Standb mode: 25% brightness

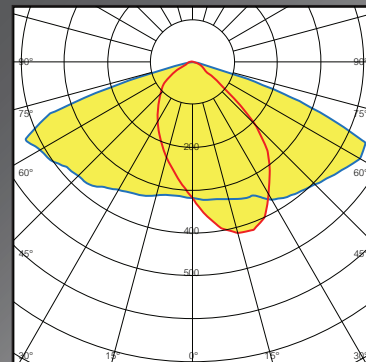
Packing & Weight

Product Size : 1615*600*60MM (Luminaire)
: 640*225*290MM (Bracket)
Packing Size : 1695*680*160MM (Luminaire)
: 650*235*300MM (Bracket)
Net Weight : 22KG (Luminaire)
: 6.1KG (Bracket 1)
: 5.7KG (Bracket 2)
Gross Weight : 24.5KG (Luminaire)
: 6.8KG (Bracket 1)
: 6.4KG (Bracket 2)

Mounting Bracket Type



Light Distribution Curve



Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon
Max Power : 18V 180W
Lifetime : 25 Years

Battery

Type : LiFePO4 Battery
Rating : 12.8V 75AH
Lifetime : 5 Years

LED Lamp

Max Power : 150W
LED Chip : Bridgelux
Chip Quantity : 140 PCS
System Efficacy : 170 lm/W
Total Lumen : 25,500 lm
Lifetime : 100,000 Hours
Light Distribution Type : 140°

Ingress Protection

IP Protection : IP65

Charge Time

By Sun : 6 Hours

Discharge Time

3 - 5 Cloud/ Rainy Days

Working Temperature

Range : -30°C ~ +70°C

Colour Temperature

Range : 2700K - 6500K