

JKC-KM-20W 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	: 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
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Charge Time

By Sun	: 6 Hours
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Discharge Time

3 - 5 Cloud/ Rainy Days

Working Temperature

Range	: -30°C ~ +70°C
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Colour Temperature

Range	: 2700K - 6500K
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Mounting Recommendation

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

Casing Material

Aluminium Alloy

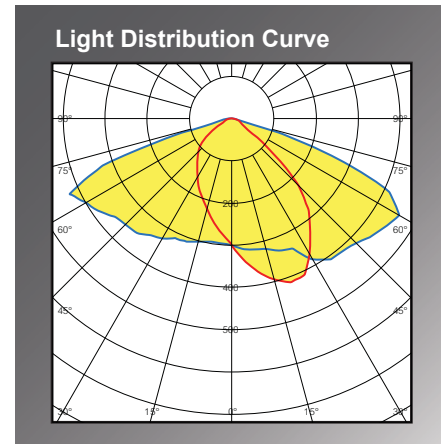
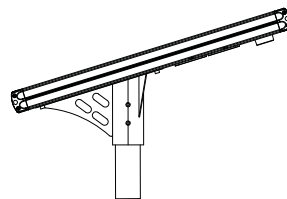
Dimming System

15% Brightness on Standby,
100% Brightness on Induction,
Idle for 60 seconds, back to Standby Mode

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



*Optional for GPRS/Zigbee/LoRaWAN Smart System

* 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

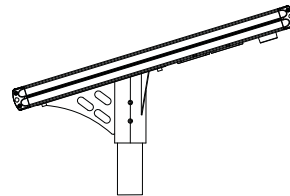
Dimming System

15% Brightness on Standby,
100% Brightness on Induction,
Idle for 60 seconds, back to Stand by Mode

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

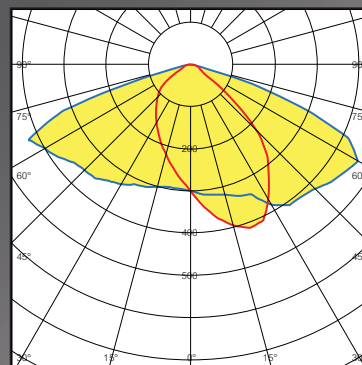
Working Temperature

Range : -30°C ~ +70°C

Colour Temperature

Range : 2700K - 6500K

Light Distribution Curve



*Optional for GPRS/Zigbee/LoRaWAN Smart System

JKC-KM-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	: 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
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Charge Time

By Sun	: 6 Hours
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Discharge Time

3 - 5 Cloud/ Rainy Days

Working Temperature

Range	: -30°C ~ +70°C
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Colour Temperature

Range	: 2700K - 6500K
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Mounting Recommendation

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

Casing Material

Aluminium Alloy

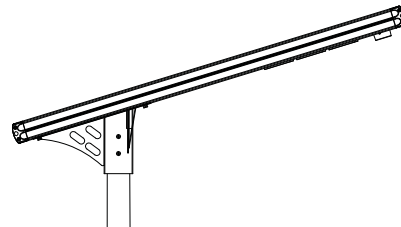
Dimming System

15% Brightness on Standby,
100% Brightness on Induction,
Idle for 60 seconds, back to Standby Mode

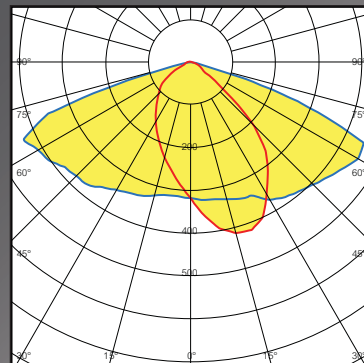
Packing & Weight

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



Light Distribution Curve



*Optional for GPRS/Zigbee/LoRaWAN Smart System

JKC-KM-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	: 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
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Charge Time

By Sun	: 6 Hours
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Discharge Time

3 - 5 Cloud/ Rainy Days

Working Temperature

Range	: -30°C ~ +70°C
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Colour Temperature

Range	: 2700K - 6500K
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Mounting Recommendation

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

Casing Material

Aluminium Alloy

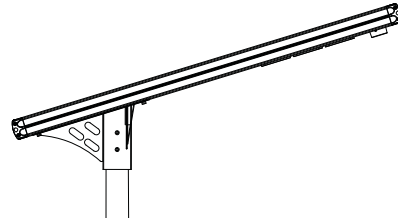
Dimming System

15% Brightness on Standby,
100% Brightness on Induction,
Idle for 60 seconds, back to Standby Mode

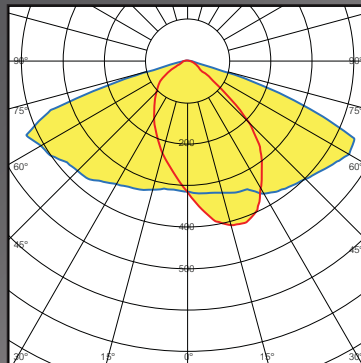
Packing & Weight

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



Light Distribution Curve



*Optional for GPRS/Zigbee/LoRaWAN Smart System

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

JKC-KM-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	: 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
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Charge Time

By Sun	: 6 Hours
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Discharge Time

3 - 5 Cloud/ Rainy Days

Working Temperature

Range	: -30°C ~ +65°C
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Colour Temperature

Range	: 2700K - 6500K
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Mounting Recommendation

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

Casing Material

Aluminium Alloy

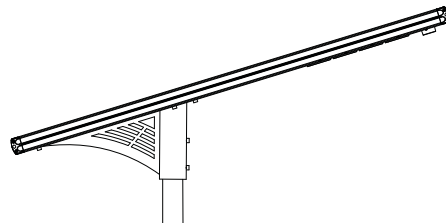
Dimming System

15% Brightness on Standby,
100% Brightness on Induction,
Idle for 60 seconds, back to Standby Mode

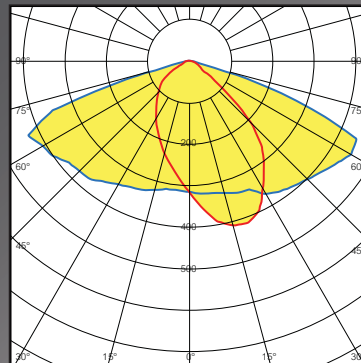
Packing & Weight

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)
Gross Weight	: 5.7KG (Bracket 2)
	: 18.7KG (Luminaire)
	: 6.8KG (Bracket 1)
	: 6.4KG (Bracket 2)

Mounting Bracket Type



Light Distribution Curve



*Optional for GPRS/Zigbee/LoRaWAN Smart System

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

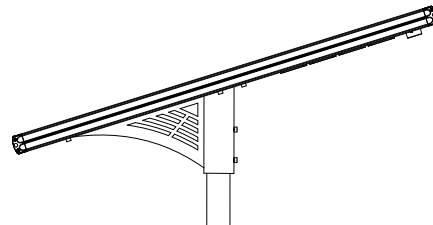
Dimming System

15% Brightness on Standby,
100% Brightness on Induction,
Idle for 60 seconds, back to Standby Mode

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

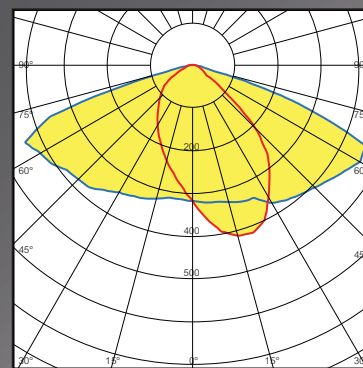
Working Temperature

Range : -30°C ~ +70°C

Colour Temperature

Range : 2700K - 6500K

Light Distribution Curve



*Optional for GPRS/Zigbee/LoRaWAN Smart System

JKC-KM-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	: 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
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Charge Time

By Sun	: 6 Hours
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Discharge Time

3 - 5 Cloud/ Rainy Days

Working Temperature

Range	: -30°C ~ +70°C
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Colour Temperature

Range	: 2700K - 6500K
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Mounting Recommendation

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

Casing Material

Aluminium Alloy

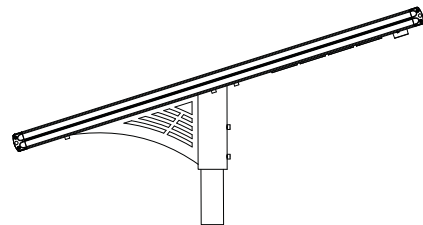
Dimming System

15% Brightness on Standby,
100% Brightness on Induction,
Idle for 60 seconds, back to Standby Mode

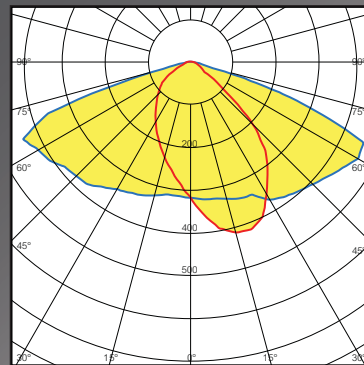
Packing & Weight

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



*Optional for GPRS/Zigbee/LoRaWAN Smart System

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