IP66

MOTION SENSOR

OLE Integrated Solar LED Street Lighting

JKC-FX-40W Integrated Solar LED Street Light
(Type A: 3 days autonomy / Type B: 2 days autonomy)

Casing Material

Aluminium Alloy

Motion Sensor Setting

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

Dimming Schedule Mode:	Motion Sensor Mode:
3h at 100% brightness	Sensing - 100% brightness
2h at 80% brightness	Idle Time - 60 seconds
7h at 30% brightness	Standb mode: 25% brightness

Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size	: 848*385*108MM (Luminaire)
	: 560*310*125MM (Bracket Axle)
Packing Size	: 905*435*160MM (Luminaire)
	: 620*370*140MM (Bracket Axle)
Net Weight	: 10KG (Luminaire)
	: 5.4KG (Bracket Axle)
Gross Weight	: 11.5KG (Luminaire)
	: 6.1KG (Bracket Axle)

Mounting Bracket Type
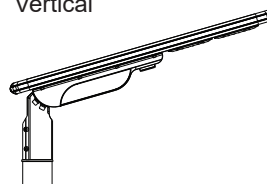
Vertical

Horizontal
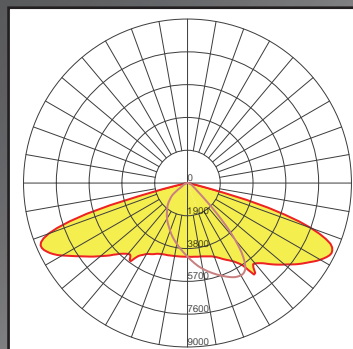
Solar Panel

Type	: Imported High Efficiency Monocrystalline Silicon
Max Power	: 18V 65W
Lifetime	: 25 Years

Battery

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

LED Lamp

Max Power	: 40W
LED Chip	: Bridgelux 3030
Chip Quantity	: 96 PCS
System Efficacy	: 170 lm/W
Total Lumen	: 6,800 lm
Lifetime	: 50,000 Hours
Light Distribution Type	: 140° x 70°

Ingress Protection

IP65 Optical Compartment

Charge Time

By Sun	: 8 Hours

Discharge Time

Full Power	: > 15 hours
Half Power	: > 30 hours

Working Temperature

Range	: -25°C ~ +65°C

Colour Temperature

Range	: 2700K - 6500K

Mounting Recommendation

Height	: 4 - 7M
Distance	: 13 - 23M

Light Distribution Curve

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

IP66

MOTION SENSOR

QLE Integrated Solar LED Street Lighting

JKC-FX-60W Integrated Solar LED Street Light
(Type A: 3 days autonomy / Type B: 2 days autonomy)

Casing Material

Aluminium Alloy

Motion Sensor Setting

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
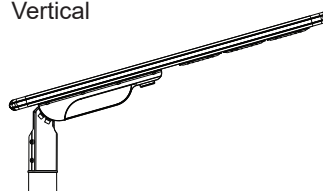Idle Time - 60 seconds
Standb mode: 25% brightness

Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size	: 1548*385*68MM (Luminaire)
	: 560*310*125MM (Bracket Axle)
Packing Size	: 1605*435*160MM (Luminaire)
	: 620*370*140MM (Bracket Axle)
Net Weight	: 17.0KG (Luminaire)
	: 6.5KG (Bracket Axle)
Gross Weight	: 18.3KG (Luminaire)
	: 7.2KG (Bracket Axle)
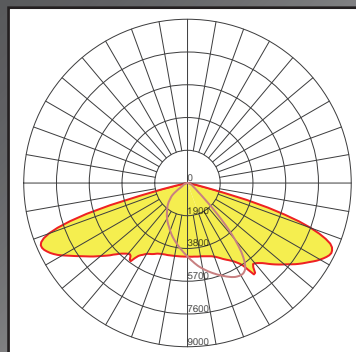
Solar Panel

Type	: Imported High Efficiency Monocrystalline Silicon
Max Power	: 18V 80W
Lifetime	: 25 Years

Battery

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

LED Lamp

Max Power	: 60W
LED Chip	: Bridgelux 3030
Chip Quantity	: 144 PCS
System Efficacy	: 170 lm/W
Total Lumen	: 10,200 lm
Lifetime	: 50,000 Hours
Light Distribution Type	: 140° x 70°

Ingress Protection

IP65 Optical Compartment

Charge Time

By Sun	: 8 Hours

Discharge Time

Full Power	: > 15 hours
Half Power	: > 30 hours

Working Temperature

Range	: -25°C ~ +65°C

Colour Temperature

Range	: 2700K - 6500K

Mounting Recommendation

Height	: 5 - 7M
Distance	: 21 - 24M

Mounting Bracket Type

Vertical

Horizontal

Light Distribution Curve

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

IP66 | **MOTION SENSOR**

Integrated Solar LED Street Lighting

JKC-FX-80W Integrated Solar LED Street Light
(Type A: 3 days autonomy / Type B: 2 days autonomy)

Casing Material

Aluminium Alloy

Motion Sensor Setting

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

Dimming Schedule Mode:	Motion Sensor Mode:
3h at 100% brightness	Sensing - 100% brightness
2h at 80% brightness	Idle Time - 60 seconds
7h at 30% brightness	Standb mode: 25% brightness

Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size	: 1548*385*108MM (Luminaire)
	: 560*310*125MM (Bracket Axle)
Packing Size	: 1605*435*160MM (Luminaire)
	: 620*370*140MM (Bracket Axle)
Net Weight	: 17KG (Luminaire)
	: 6.5KG (Bracket Axle)
Gross Weight	: 18.3KG (Luminaire)
	: 7.2KG (Bracket Axle)
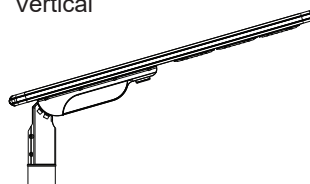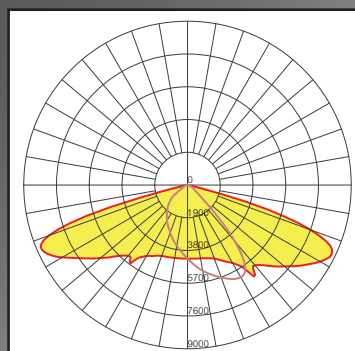
Solar Panel

Type	: Imported High Efficiency Monocrystalline Silicon
Max Power	: 18V 95W
Lifetime	: 25 Years

Battery

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

LED Lamp

Max Power	: 80W
LED Chip	: Bridgelux 3030
Chip Quantity	: 144 PCS
System Efficacy	: 170 lm/W
Total Lumen	: 13,600 lm
Lifetime	: 50,000 Hours
Light Distribution Type	: 140° x 70°

Ingress Protection

IP65 Optical Compartment

Charge Time

By Sun	: 8 Hours

Discharge Time

Full Power	: > 15 hours
Half Power	: > 30 hours

Working Temperature

Range	: -25°C ~ +65°C

Colour Temperature

Range	: 2700K - 6500K

Mounting Recommendation

Height	: 5 - 8M
Distance	: 17 - 27M

Mounting Bracket Type

Vertical

Horizontal

Light Distribution Curve

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

IP66

MOTION SENSOR

 Integrated Solar LED Street Lighting

JKC-FX-100W Integrated Solar LED Street Light

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

Casing Material

Aluminium Alloy

Motion Sensor Setting

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
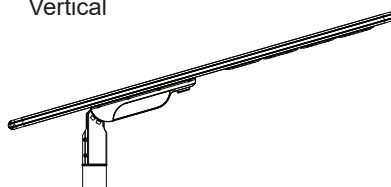Idle Time - 60 seconds
Standb mode: 25% brightness

Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size	: 1863*385*108MM (Luminaire)
	: 560*310*125MM (Bracket Axle)
Packing Size	: 1925*435*160MM (Luminaire)
	: 620*370*140MM (Bracket Axle)
Net Weight	: 8.5KG (Luminaire)
	: 18KG (Bracket Axle)
Gross Weight	: 11KG (Luminaire)
	: 19.8KG (Bracket Axle)
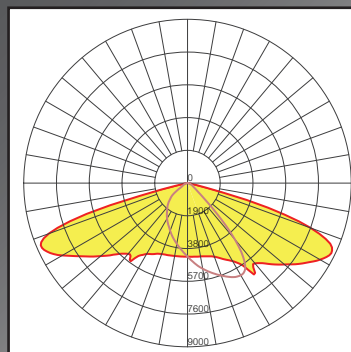
Solar Panel

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 3030
Chip Quantity	: 192 PCS
System Efficacy	: 170 lm/W
Total Lumen	: 17,000 lm
Lifetime	: 50,000 Hours
Light Distribution Type	: 140° x 70°

Ingress Protection

IP65 Optical Compartment

Charge Time

By Sun	: 8 Hours

Discharge Time

Full Power	: > 15 hours
Half Power	: > 30 hours

Working Temperature

Range	: -25°C ~ +65°C

Colour Temperature

Range	: 2700K - 6500K

Mounting Recommendation

Height	: 6 - 9M
Distance	: 20 - 30M

Mounting Bracket Type

Vertical

Horizontal

Light Distribution Curve

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

IP66

MOTION SENSOR

QLE Integrated Solar LED Street Lighting

JKC-FX-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	: 18V 120W
Lifetime	: 25 Years

Battery

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

LED Lamp

Max Power	: 120W
LED Chip	: Bridgelux 3030
Chip Quantity	: 192 PCS
System Efficacy	: 170 lm/W
Total Lumen	: 20,400 lm
Lifetime	: 50,000 Hours
Light Distribution Type	: 140° x 70°

Ingress Protection

IP65 Optical Compartment

Charge Time

By Sun	: 8 Hours

Discharge Time

Full Power	: > 15 hours
Half Power	: > 30 hours

Working Temperature

Range	: -25°C ~ +65°C

Colour Temperature

Range	: 2700K - 6500K

Mounting Recommendation

Height	: 7 - 10M
Distance	: 23 - 34M

Casing Material

Aluminium Alloy

Motion Sensor Setting

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
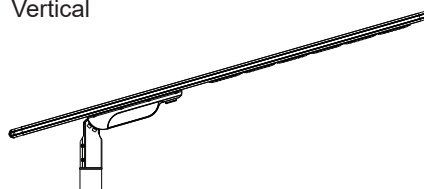Idle Time - 60 seconds
Standb mode: 25% brightness

Wire Connector

IP68 Waterproof Connector

Packing & Weight

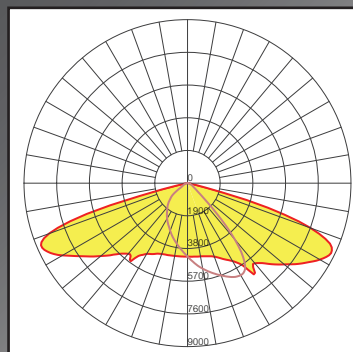|	
Product Size	: 1563*385*108MM (Luminaire)
	: 560*310*125MM (Bracket Axle)
Packing Size	: 1925*435*160MM (Luminaire)
	: 620*370*140MM (Bracket Axle)
Net Weight	: 19.3KG (Luminaire)
	: 12.5KG (Bracket Axle)
Gross Weight	: 21.2KG (Luminaire)
	: 13.2KG (Bracket Axle)

Mounting Bracket Type

Vertical

Horizontal

Light Distribution Curve

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

IP66

MOTION SENSOR

OLE Integrated Solar LED Street Lighting

JKC-FX-150W Integrated Solar LED Street Light
(Type A: 3 days autonomy / Type B: 2 days autonomy)

Casing Material

Aluminium Alloy

Motion Sensor Setting

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

Dimming Schedule Mode:	Motion Sensor Mode:
3h at 100% brightness	Sensing - 100% brightness
2h at 80% brightness	Idle Time - 60 seconds
7h at 30% brightness	Standb mode: 25% brightness

Wire Connector

IP68 Waterproof Connector

Packing & Weight

Product Size	: 2280*385*108MM (Luminaire)
	: 560*310*125MM (Bracket Axle)
Packing Size	: 2325*435*160MM (Luminaire)
	: 620*370*140MM (Bracker Axle)
Net Weight	: 22KG (Luminaire)
	: 13.1KG (Bracket Axle)
Gross Weight	: 24KG (Luminaire)
	: 13.8KG (Bracket Axle)
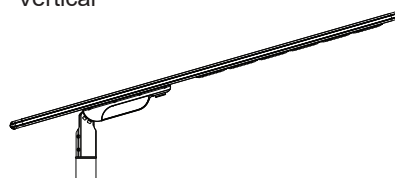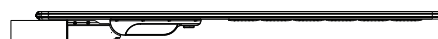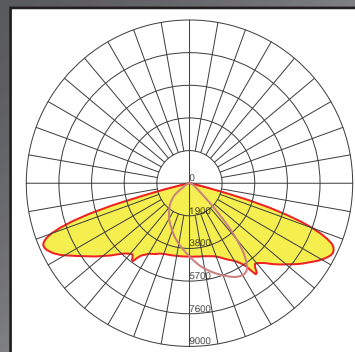
Solar Panel

Type	: Imported High Efficiency Monocrystalline Silicon
Max Power	: 18V 145W
Lifetime	: 25 Years

Battery

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

LED Lamp

Max Power	: 150W
LED Chip	: Bridgelux 3030
Chip Quantity	: 288 PCS
System Efficacy	: 170 lm/W
Total Lumen	: 20,400 lm
Lifetime	: 50,000 Hours
Light Distribution Type	: 140° x 70°

Ingress Protection

IP65 Optical Compartment

Charge Time

By Sun	: 8 Hours

Discharge Time

Full Power	: > 15 hours
Half Power	: > 30 hours

Working Temperature

Range	: -25°C ~ +65°C

Colour Temperature

Range	: 2700K - 6500K

Mounting Recommendation

Height	: 9 - 10M
Distance	: 31 - 34M

Mounting Bracket Type

Vertical

Horizontal

Light Distribution Curve

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