Geowete Enterprise Limited

RENEWABLE ENERGY · PRODUCT CATALOGUE

SOLAR STREET LIGHTS 2026 CATALOGUE

Street, highway and area lighting solutions

House No. 7 Sable Road, Lusaka, Zambia | +260 971 164 668 | info@geoweteenterprise.com | www.geoweteenterprise.com

2026 EDITION

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ABOUT GEOWETE ENTERPRISE LIMITED

Powering Zambia's renewable energy transition

Geowete Enterprise Limited is a diversified Zambian enterprise operating as an active project developer and strategic investment platform. Headquartered in Lusaka, we address Zambia's structural development needs through commercially viable, well-governed and impact-oriented ventures.

Our renewable energy division designs, structures and delivers solar installations from 20MW to 960MW, together with solar backup systems, hybrid energy solutions and energy efficiency initiatives for institutional, commercial and community clients.

Every engagement combines technical excellence, sound financial design and robust governance, creating long-term value for investors, partners and communities.

AT A GLANCE

100+
PROJECTS COMPLETED

1K+
CUSTOMERS SERVED

20MW·960MW
SOLAR CAPACITY RANGE

5
BUSINESS LINES

CAPABILITIES

- Renewable Energy
- Water Security
- ICT Consultancy
- Construction
- Mining & Investment

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AREAS OF EXPERTISE

SOLAR LIGHT







ESS CABINET




SOLAR SYSTEM







SOLAR FARM






BATTERY INVERTER








WATER PUMP

COMPANY CREDENTIALS




EPR Certificate


NO.:5148440


NO.:5197614


NO.:37122Q0340R0M



WST21N010009R



NST21N010009R


CQC170241795991


STON210901397-S



BKC22010038AC


CS1604272280E


NO.:EC623681C


NO.:IEC60598_2_5G


2019171001002830



STON211215575-EC


TUV017106EA



CE FOR INVERTER


CE FOR LITHIUM BATTERY



TUV FOR PANEL


CQC FOR PANEL(IEC61730)


CQC FOR PANEL(IEC61215)



ISO9001

ISO14001

OHSAS18001

CB FOR INVERTER

CB FOR LITHIUM BATTERY

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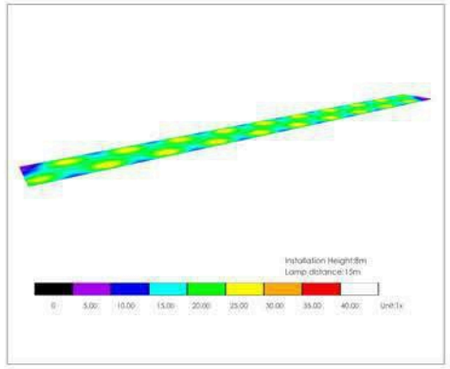
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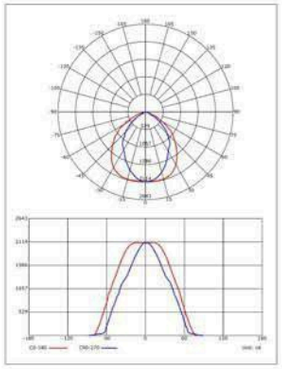


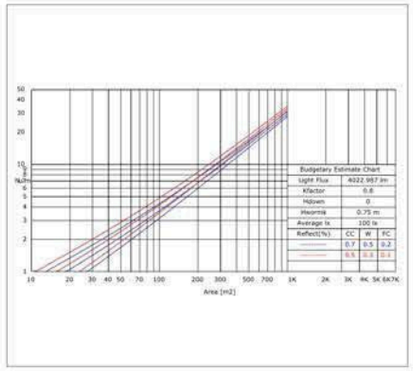
PRODUCT SPECIFICATION

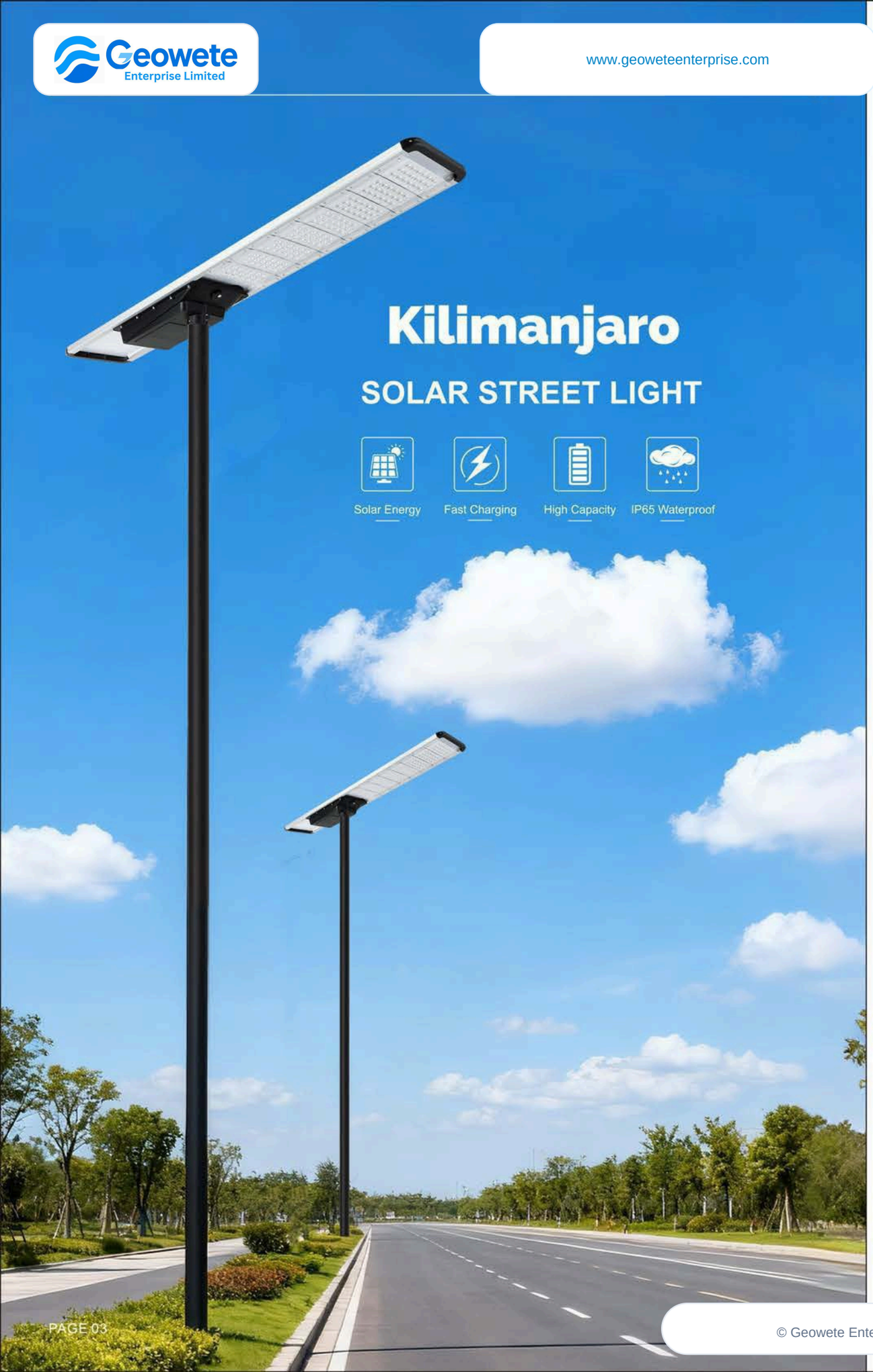
Model	0501D400-01	0501D400-02	0501D400-10	0501E600-01
LED Lamp	3030 LED 144PCS	3030 LED 144PCS	3030 LED 144PCS	3030 LED 216PCS
Solar Panel	26V 200W, Mono-crystalline			24.5V 245W, Mono-crystalline
Battery Type	LiFePO4 12.8V 150AH	LiFePO4 12.8V 142AH	LiFePO4 12.8V 100AH	LiFePO4 12.8V 150AH
Charging time	6-8 hours	6-8 hours	6-8 hours	6-8 hours
Discharging time	12-24 hours	12-24 hours	12-24 hours	12-24 hours
Control Way	Time Control	Time Control	Time Control	Time Control
Led	160 lm/w	160 lm/w	160 lm/w	160 lm/w
Material	Aluminum+Iron	Aluminum+Iron	Aluminum+Iron	Aluminum+Iron
Product Size	1283*810*303mm	1283*810*303mm	1283*810*303mm	1549*810*303mm
Install Height	10-12m	10-12m	10-12m	10-12m
IP Rate	IP65	IP65	IP Rate: IP65	IP65
Warranty	3 years	3 years	3 years	3 years

PHOTOMETRICS









100W/150W/200W/250W/300W/350W



PRODUCT SPECIFICATION

Model	0477A100-01	0477B150-01	0477C200-01
LED Lamp	3030 LED 108PCS	3030 LED 144PCS	3030LED 180PCS
Color Temperature	6000K	6000K	6000K
Solar Panel	18V 81W, Mono-crystalline	18V 116W, Mono-crystalline	18V 120W, Mono-crystalline
Battery Type	LiFePO4 12.8V 36AH	LiFePO4 12.8V 54AH	LiFePO4 12.8V 57AH
Charging Time	6-8 hours	6-8 hours	6-8 hours
Luminous Efficiency	160 lm/w	160 lm/w	160 lm/w
IP Rate	IP65	IP65	IP65
Material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
Product Size	1079*386*153mm	1489*386*153mm	1539*386*153mm
Warranty	3 Years	3 Years	3 Years

Model	0477D250-01	0477E300-01	0477F350-01
LED Lamp	3030 LED 216PCS	3030LED 252PCS	3030 LED 288PCS
Color Temperature	6000K	6000K	6000K
Solar Panel	18V 129W, Mono-crystalline	18V 140W, Mono-Crystalline	18V 162W, Mono-crystalline
Battery Type	LiFePO4 12.8V 66AH	LiFePO4 12.8V 72AH	LiFePO4 12.8V 84AH
Charging Time	6-8 hours	6-8 hours	6-8 hours
Luminous Efficiency	160 lm/w	160 lm/w	160 lm/w
IP Rate	IP65	IP65	IP65
Material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
Product Size	1629*386*153mm	1869*386*153mm	2029*386*153mm
Warranty	3 Years	3 Years	3 Years

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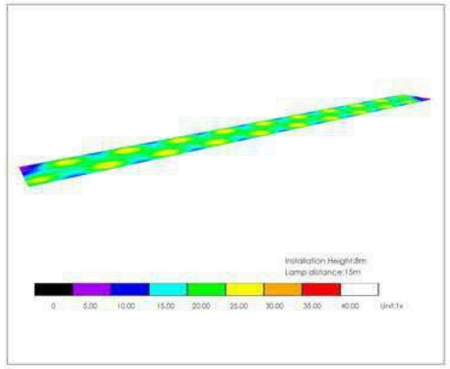
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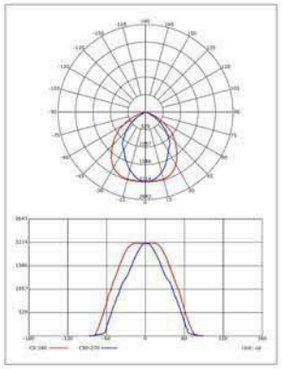


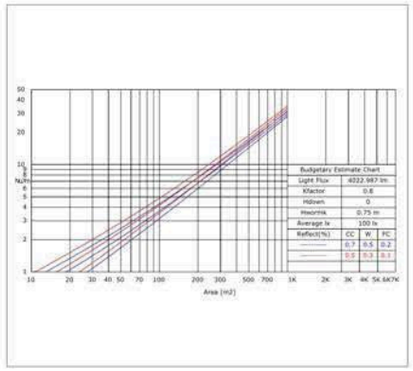
PRODUCT SPECIFICATION

Model	0496B120-01	0496C150-01
LED Lamp	3030 LED 96PCS 6000K	3030 LED 120PCS 6000K
Solar Panel	6V 100W, Mono-crystalline	6V 120W, Mono-crystalline
Battery Type	LiFePO4 3.2V 86AH	LiFePO4 3.2V 120AH
Charging time	6-8 hours	6-8 hours
Discharging time	12-24 hours	12-24 hours
Control Way	PIR Detection	PIR Detection
Led	160 lm/w	160 lm/w
Material	Iron	Iron
Product Size	1422*380*228mm	1576*380*228mm
Install Height	4-7m	6-8m
Warranty	3 years	3 years

PHOTOMETRICS







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Bulldozer

SOLAR STREET LIGHT

5 Busbar Cell

High Efficiency

Low-Light Performance

Serve Weather Resilience

60W/90W/120W/150W



PRODUCT SPECIFICATION

Model	0418A60-04	0418B90-04
LED Lamp	3030 LED 48PCS 6000K	3030 LED 72PCS 6000K
Solar Panel	6V 60W,Mono-crystalline	6V 80W,Mono-crystalline
Battery Type	LiFePO4 3.2V 43AH	LiFePO4 3.2V 86AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	12-15hours	12-15hours
Control Way	Motion Sensor+Light Control	Motion Sensor+Light Control
Led	160 lm/w	160 lm/w
Material	Aluminium alloy	Aluminium alloy
Product Size	811*407*209mm	1127*407*209mm
Install Height	3-5m	4-6m
Warranty	3 years	3 years

Model	0418C120-04	0418D150-04
LED Lamp	3030 LED 96PCS 6000K	3030 LED 120PCS 6000K
Solar Panel	6V 100W,Mono-crystalline	6V 120W, Mono-crystalline
Battery Type	LiFePO4 3.2V 86AH	LiFePO4 3.2V 129AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	12-15hours	12-15hours
Control Way	Motion Sensor+Light Control	Motion Sensor+Light Control
Led	160 lm/w	160 lm/w
Material	Aluminium alloy	Aluminium alloy
Product Size	1496*407*209mm	1651*407*209mm
Install Height	6-8m	8-10m
Warranty	3 years	3 years

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50W/100W/150W/200W/250W/300W



PRODUCT SPECIFICATION

Model	0426A50-01	0426B100-01	0426C150-01
LED Chip	5730 LED 44PCS 3000-6000K	5730 LED 88PCS 3000-6000K	5730 LED 132PCS 3000-6000K
Solar Panel	4.5V 4.5W, Polycrystalline	4.5V 7W, Polycrystalline	4.5V 9W, Polycrystalline
Battery Type	LiFePO4 3.2V 5AH	LiFePO4 3.2V 6AH	LiFePO4 3.2V 10AH
Charging Time	6-8 Hours	6-8 Hours	6-8 Hours
Discharging Time	12-15 Hours	12-15 Hours	12-15 Hours
LED	160lm/w	160lm/w	160lm/w
Material	ABS	ABS	ABS
Product Size	292*195*64mm	384*190*64mm	478*211*71mm
Install Height	3-5m	4-6m	5-7m
Warranty	2 years	2 years	2 years

Model	0426D200-01	0426E250-01	0426F300-01
LED Chip	5730 LED 176PCS 3000-6000K	5730 LED 220PCS 3000-6000K	5730 LED 264PCS 3000-6000K
Solar Panel	4.5V 15W,Polycrystalline	4.5V 16W,Polycrystalline	4.5V 18W,Polycrystalline
Battery Type	LiFePO4 3.2V 12AH	LiFePO4 3.2V 15AH	LiFePO4 3.2V 18AH
Charging Time	6-8 Hours	6-8 Hours	6-8 Hours
Discharging Time	12-15 Hours	12-15 Hours	12-15 Hours
LED	160lm/w	160 lm/w	160 lm/w
Material	ABS	ABS	ABS
Product Size	624*225*71mm	704*226*72mm	785*226*72mm
Install Height	6-8m	7-8m	8-9m
Warranty	2 years	2 Years	2 Years

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SmartBeam

SOLAR STREET LIGHT

Solar Energy | Fast Charging | High Capacity | IP65 Waterproof

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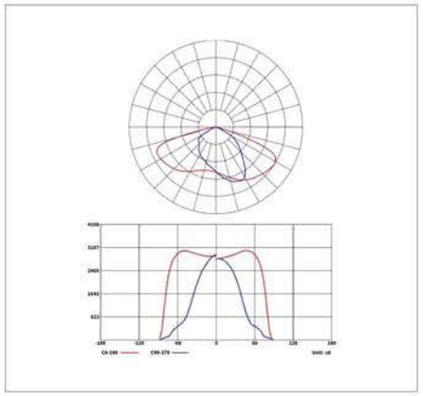
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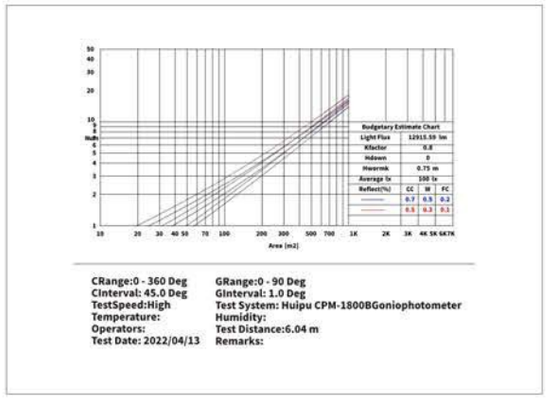


PRODUCT SPECIFICATION

Model	0412A400-01	0412C600-01	0412C600-02
LED Lamp	3030LED 576PCS 6000K	3030 LED 864PCS 6000K	5050 LED 216PCS 6000K
Solar Panel	20V 180W Mono-crystalline	30V 245W Mono-crystalline	30V 245W Mono-crystalline
Battery Type	LiFePO4 12.8V 72AH	LiFePO4 12.8V 100AH	LiFePO4 12.8V 130AH
IP Rating	IP65	IP65	IP65
Charging time	6-8 Hours	6-8 Hours	6-8 Hours
Discharging time	2 Rainy days	2 Rainy days	2 Rainy days
Lumen	160lm/w	160lm/w	160lm/w
Material	Aluminum alloy	Aluminum alloy	Aluminum alloy
Lamp Size	1917*420*365.5mm	1917*604*366.5mm	1917*604*366.5mm
Warranty	3Years	3Years	3Years

PHOTOMETRICS





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Sahara

SOLAR STREET LIGHT

Solar Chgaring

Environment friendly

Withstands shock & vibration

No UV emissions

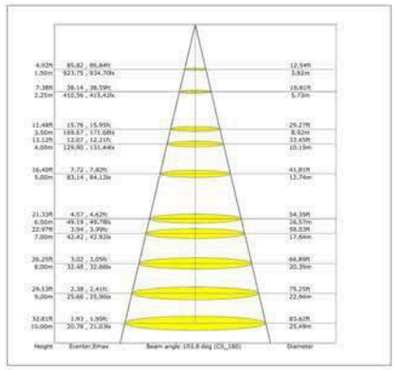
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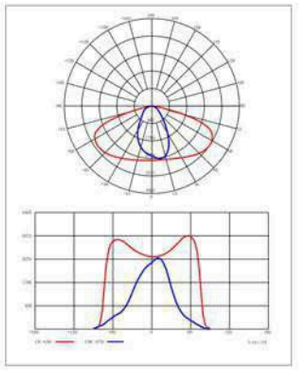


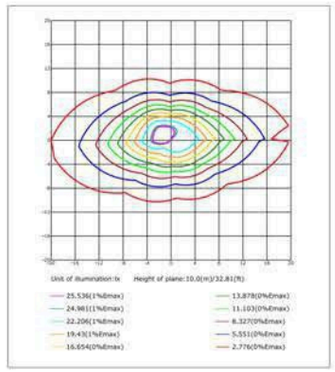
PRODUCT SPECIFICATION

Model	0460A100-01	0460B200-01
LED Lamp	2835 LED 152PCS 6000K	2835 LED 304PCS 6000K
Solar Panel	5V 10W, Mono-crystalline	5V 20W, Mono-crystalline
Battery Type	LiFePO4 3.2V 10AH	LiFePO4 3.2V 18AH
Charging Tme	6-8 hours	6-8 hours
Discharging Time	12-15 hours	12-15 hours
Led	160 lm/w	160 lm/w
Material	ABS	ABS
Product Size	280*251.5*48mm	508.5*252.5*48mm
Install Height	3-4m	4-5m
Warranty	2 Years	2 Years

PHOTOMETRICS



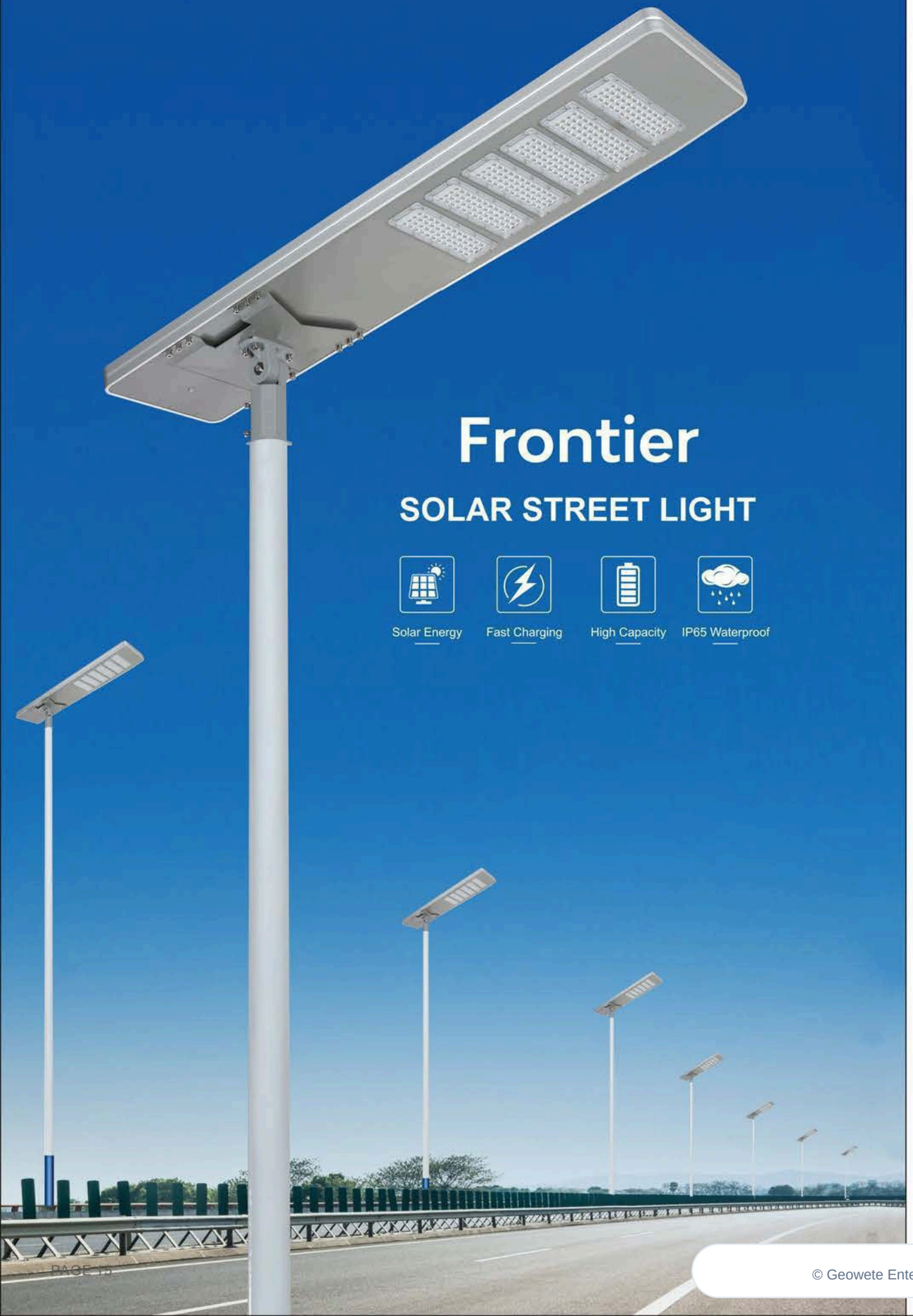




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Frontier

SOLAR STREET LIGHT

Solar Energy | Fast Charging | High Capacity | IP65 Waterproof

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50W/100W/150W/200W/250W/300W



PRODUCT SPECIFICATION

Item No.	0911A50-01	0911B100-01	0911C150-01
LED Lamp	3030 LED 48PCS 6000K	3030 LED 96PCS 6000K	3030 LED 144PCS 6000K
Solar Panel	18V 36W, Mono-Crystalline	18V 45W,Mono-Crystalline	18V 65W, Mono-Crystalline
Battery Type	LiFePO4 12.8V 18AH	LiFePO4 12.8V 30AH	LiFePO4 12.8V 42AH
Charging Time	6 8 hours	6-8 hours	6-8 hours
Discharging Time	30-36 hours	30-36 hours	30-36 hours
LED	160 lmw	160 lmw	160 lmlw
Material	Aluminium Alloy	Aluminium Alloy	Aluminium Alloy
Install Height	3-5m	5-7m	7-9m
Dimensions	532*343*150mm	642*343*150mm	1004*343*150mm
Warranty	3 years	3 years	3 years

Item No.	0911D200-01	0911E250-01	0911F300-01
LED Lamp	3030 LED 192PCS 6000K	3030 LED 240PCS 6000K	3030 LED 288PCS 6000K
Solar Panel	18V 88W,Mono-Crystalline	18V 100W, Mono-Crystalline	16.5V 130W,Mono-Crystalline
Battery Type	LiFePO4 12.8V 54AH	LiFePO4 12.8V 60AH	LiFePO4 12.8V 72AH
Charging Time	6-8 hours	6-8 hours	6-8 hours
Discharging Time	30-36 hours	30-36 hours	30-36 hours
LED	160 lm/w	160 lmw	160 lmlw
Material	Aluminium Alloy	Aluminium Alloy	Aluminium Alloy
Install Height	9-12m	8-12m	8-12m
Dimensions	1192*343*150mm	1472*343*150mm	1783*384*150mm
Warranty	3 years	3years	3 years

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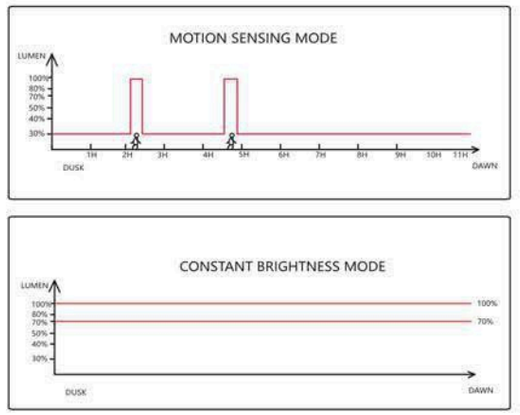
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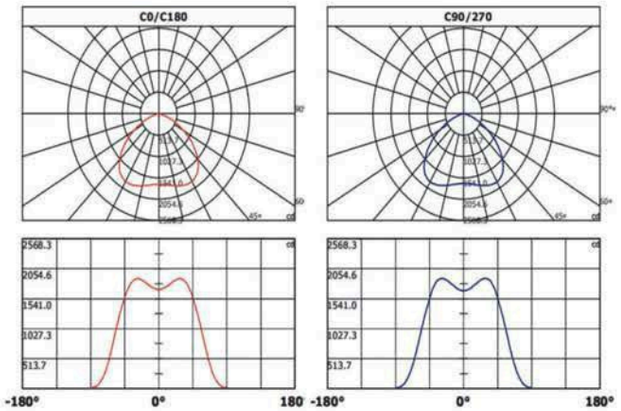


PRODUCT SPECIFICATION

Item No.	0917A80-01	0917B160-01	0917C240-01
LED Lamp	3030 LED 80PCS 6000K	3030LED 160PCS 6000K	3030 LED 240PCS
Solar Panel	18V 68W, Polycrystalline	18V 100W, Polycrystalline	25V 165W, Polycrystalline
Battery Type	12.8V 30AH LiFePO4	12.8V 60AH LIFePO4	LiFePO4 12.8V 78AH
Charging Time	6-8 hours	6-8 hours	6-8 hours
Discharging Time	30-36 hours	30-36 hours	30-36 hours
LED	160 lm/w	160 lm/w	160 lm/w
Material	Aluminium alloy	Aluminium alloy	Aluminium alloy
Install Height	5-7m	8-10m	8-10m
Dimensions	1085*378*280mm	1560*378*280mm	1737*467*330mm
Warranty	3 years	3 years	3 years

PHOTOMETRICS





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Atlas

SOLAR STREET LIGHT

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180W/200W



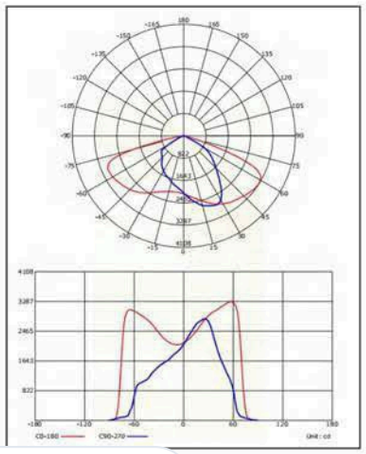


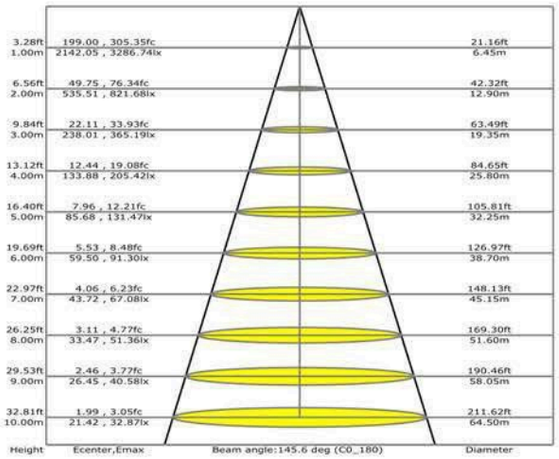


PRODUCT SPECIFICATION

Model	0348B180-01	0950H200-02
LED Lamp	3030LED 216PCS 6000K	3030LED 288PCS 6000K
Solar Panel	24V 130W, Mono-Crystalline	18V 180W, Mono-Crystalline
Battery Type	LiFePO4 12.8V 60AH	LiFePO4 12.8V 72AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	2rainy days	30-36 hours
LED	160 lm/w	160 lm/w
Material	Aluminum alloy	Aluminum
Product Size	1338*545*370mm	1478*702*370mm
Install Height	8-10m	8-10m
Warranty	3 Years	3 Years

PHOTOMETRICS





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All-In-One SOLAR STREET LIGHT

Solar Energy | Fast Charging | High Capacity | IP65 Waterproof

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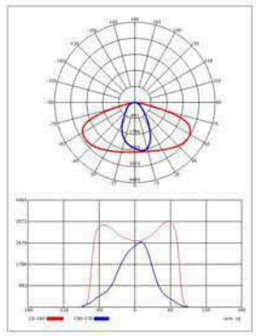
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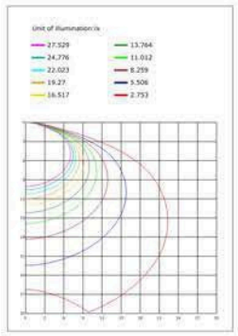


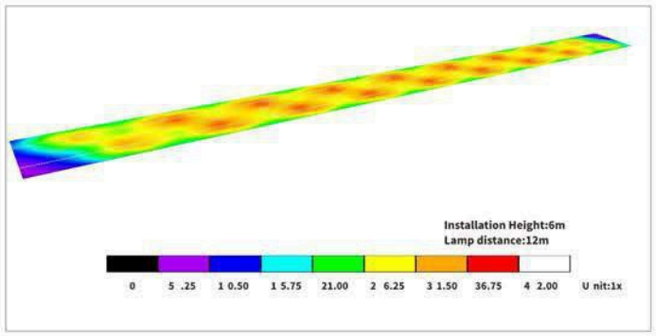
PRODUCT SPECIFICATION

Item No.	0911D200-08	0911E250-08
LED Lamp	3030 LED 80PCS 6000K	3030 LED 160PCS 6000K
Solar Panel	18V 88W, Monocrystalline	18V 100W, Monocrystalline
Battery Type	LiFePO4 12.8V 54AH	LiFePO4 12.8V 60AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	20-24 hours	30-36 hours
LED	160 lm/w	160 lm/w
Material	Aluminum	Aluminum
Install Height	6-8m	8-10m
Dimensions	1192*343*150mm	1472*343*150mm
Warranty	3 years	3 years

PHOTOMETRICS







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150W/180W



PRODUCT SPECIFICATION

Item No.	0310E150-03	0310E180-02
LED Lamp	3535 LED 84PCS 6000K	5050 LED 112PCS 6000K
Solar Panel	18V 85W, Mono-Crystalline	17.5V100W, Mono-Crystalline
Battery Type	LiFePO4 12.8V 54AH	LiFePO4 12.8V 54AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	30-36 hours	30-36 hours
LED	160 lm/w	160 lm/w
Material	Die-cast Aluminum	Die-cast Aluminum
Install Height	6-8m	9-12m
Dimensions	1063*401*133mm	1221*401*133mm

Item No.	0310E150-01	0310E180-01
LED Lamp	3535 LED 84PCS 6000K	5050 LED 112PCS 6000K
LED Lamp	5730 LED 48PCS Green Glow	5730 LED 48PCS Green Glow
Solar Panel	18V 85W,Mono-Crystalline	17.5V 100W.Mono-Crvctollin
Battery Type	LiFePO4 12.8V 54AH	LiFePO4 12.8V 54AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	30-36 hours	30-36 hours
LED	160 lm/w	160 lm/w
Material	Die-cast Aluminum	Die-cast Aluminum
Install Height	6-8m	9-12m
Dimensions	1224*401*133mm	1382*401*133mm

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50W/100W/150W/200W/250W/300W



PRODUCT SPECIFICATION

Item No.	0271A50-01	0271B100-01	0271C150-01
LED Lamp	5730 LED 60PCS 6000K	5730 LED 120PCS 6000K	5730 LED 180PCS 6000K
Solar Panel	5V 9W, Polycrystalline	5V 12W,Polycrystalline	5V 16W, Polycrystalline
Battery Type	LiFePO4 3.2V 12AH	LiFePO4 3.2V 15AH	LiFePO4 3.2V 20AH
Charging Time	6-8 hours	6-8 hours	6-8 hours
Discharging Time	20-24 hours	20-24 hours	20-24 hours
LED	160 lm/w	160 llm/w	160lmlw
Material	ABS	ABS	ABS
Dimensions	455*250*85mm	589*250*85mm	707*250*85mm
Install Height	2-4m	2-4m	3-5m

Item No.	0271D200-01	0271E250-01	0271F300-01
LED Lamp	5730 LED 240PCS 6000K	5730 LED 300PCS 6000K	5730 LED 360PCS 6000K
Solar Panel	5V 20W, Polycrystalline	5V 24W,Polycrystalline	5V 28W, Polycrystalline
Battery Type	LiFePO4 3.2V 24AH	LiFePO4 3.2V 30AH	LiFePO4 3.2V 45AH
Charging Time	6-8 hours	6-8 hours	6-8 hours
Discharging Time	20-24 hours	20-24 hours	20-24 hours
LED	160 lm/w	160 lm/w	160 lmlw
Material	ABS	ABS	ABS
Dimensions	810*250*85mm	923*250*85mm	1026*250*85mm
Install Height	4-6m	5-7m	6-8m

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SOLAR STREET LIGHT

Solar Energy | Fast Charging | High Capacity | IP65 Waterproof

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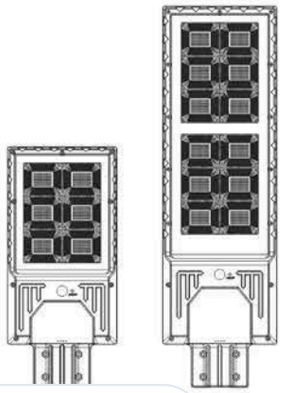
300W/600W



PRODUCT SPECIFICATION

Item No.	0315A300-01	0315B600-01
LED Lamp	5730 LED 270PCS 6000K	5730 LED 540PCS 6000K
Solar Panel	6V 9W, Polycrystalline	6V 22W, Polycrystalline
Battery Type	LiFePO4 3.2V 12AH	LiFePO4 3.2V 24AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	12-15 hours	12-15 hours
LED	160 lm/w	160 lm/w
Material	ABS	ABS
Dimensions	528*240*75mm	837*250*75mm
Install Height	4-6m	5-7m
Warranty	2 years	2 years

USER GUIDE



Tips: 1.Please install the solar panel in the sun direction to avoid affecting the power generation efficiency.
2.Please ensure the installation is stable.

1.Insert the lamp arm into the lamp body and tighten thescrew.
2.Make sure the solar panel is installed towards the south andit isn't blocked by obstacles.

(A diagram for how the orientation impacts on power generation efficiecy)



Wall Installation | **Holding Pole Installation** | **100% charging efficiency** | **65% charging efficiency**

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60W/120W/180W/240W

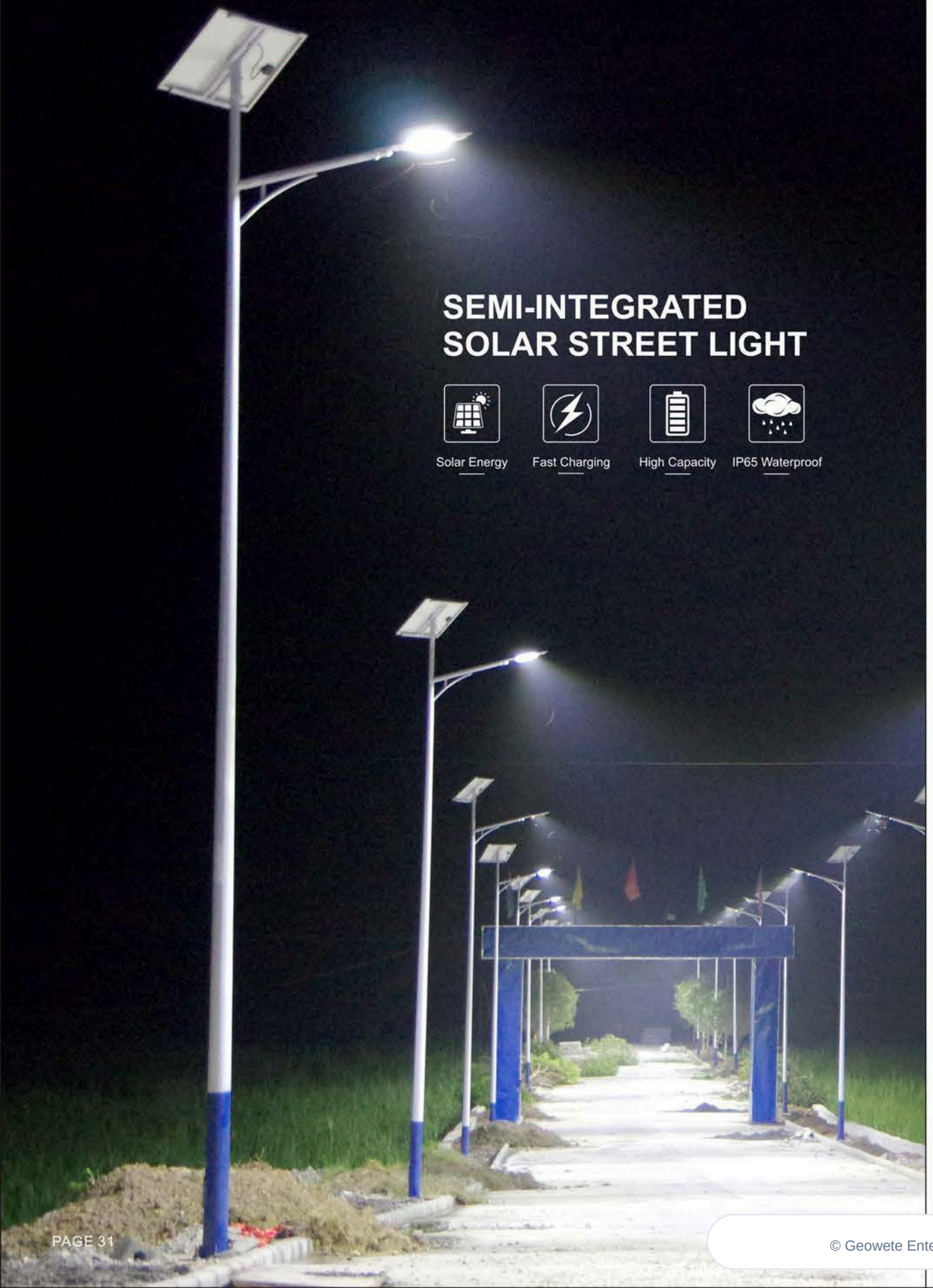


PRODUCT SPECIFICATION

Item No.	0335A60-01	0335B120-01
LED Lamp	3030 LED 60PCS 6000K	3030 LED 120PCS 6000K
Solar Panel	18V 65W, Mono-Crystalline	18V 92W, Mono-Crystalline
Battery Type	LiFePO4 12.8V 36AH	LiFePO4 12.8V 48AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	30-36 hours	30-36 hours
LED	160 lm/w	160 lm/w
Material	Die-Casting Aluminium	Die-Casting Aluminium
Install Height	3-5m	5-7m
Dimensions	503*169*85 mm	568*210*75 mm
Warranty	3 years	3 years

Item No.	0335C180-12	0335D240-01
LED Lamp	3030 LED 180PCS 6000K	3030 LED 240PCS 6000K
Solar Panel	18V 130W, Mono-Crystalline	18V 156W, Mono-Crystalline
Battery Type	LiFePO4 12.8V 54AH	LiFePO4 12.8V 60AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	30-36 hours	30-36 hours
LED	160 lm/w	160 lmlw
Material	Die-Casting Aluminium	Die-Casting Aluminium
Install Height	7-9m	9-12m
Dimensions	659*250*88 mm	734*300*95mm
Warranty	3 years	3 years

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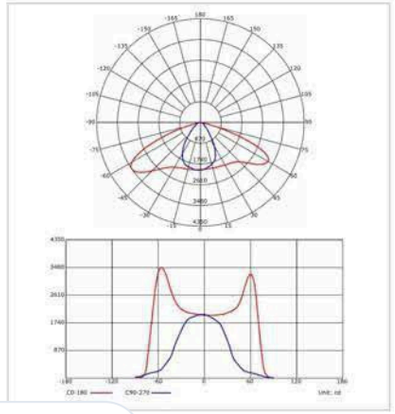
100W/150W/200W

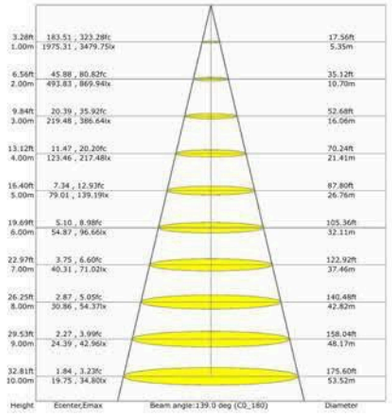


PRODUCT SPECIFICATION

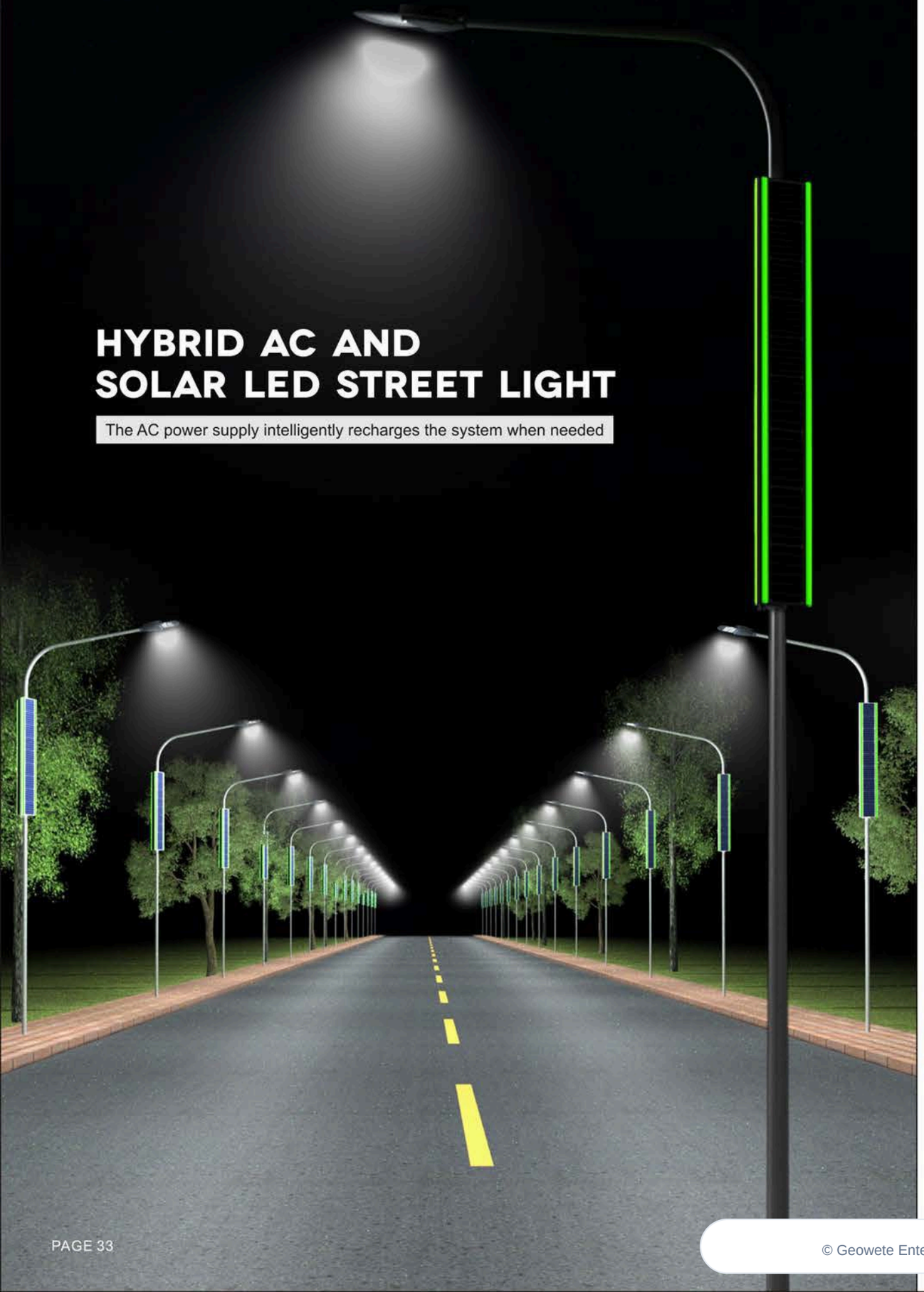
Item No.	0277A100-01	0277B150-01	0277C200-01
LED Lamp	3030 LED 100PCS 6000K	3030 LED 150PCS 6000K	3030 LED 200PCS 6000K
Solar Panel	18V 90W,Polycrystalline	18V 130W, Polycrystalline	18V 150W, Polycrystalline
Battery Type	LiFePO4 12.8V 48AH	LiFePO4 12.8V 54AH	LiFePO4 12.8V 60AH
Charging Time	6-8 hours	6-8 hours	6-8 hours
Discharging Time	20-24 hours	20-24 hours	20-24 hours
Control Way	Timer Control	Timer Control	Timer Control
LED	160 lm/w	160 lmlw	160 lm/w
Material	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum
Install Height	6-8m	8-10m	10-12m
Dimensions	595*300*110mm	677*300*110mm	765*300*110mm
Warranty	3 years	3 years	3 years

PHOTOMETRICS





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HYBRID AC AND SOLAR LED STREET LIGHT

The AC power supply intelligently recharges the system when needed

100W/150W/180W/250W

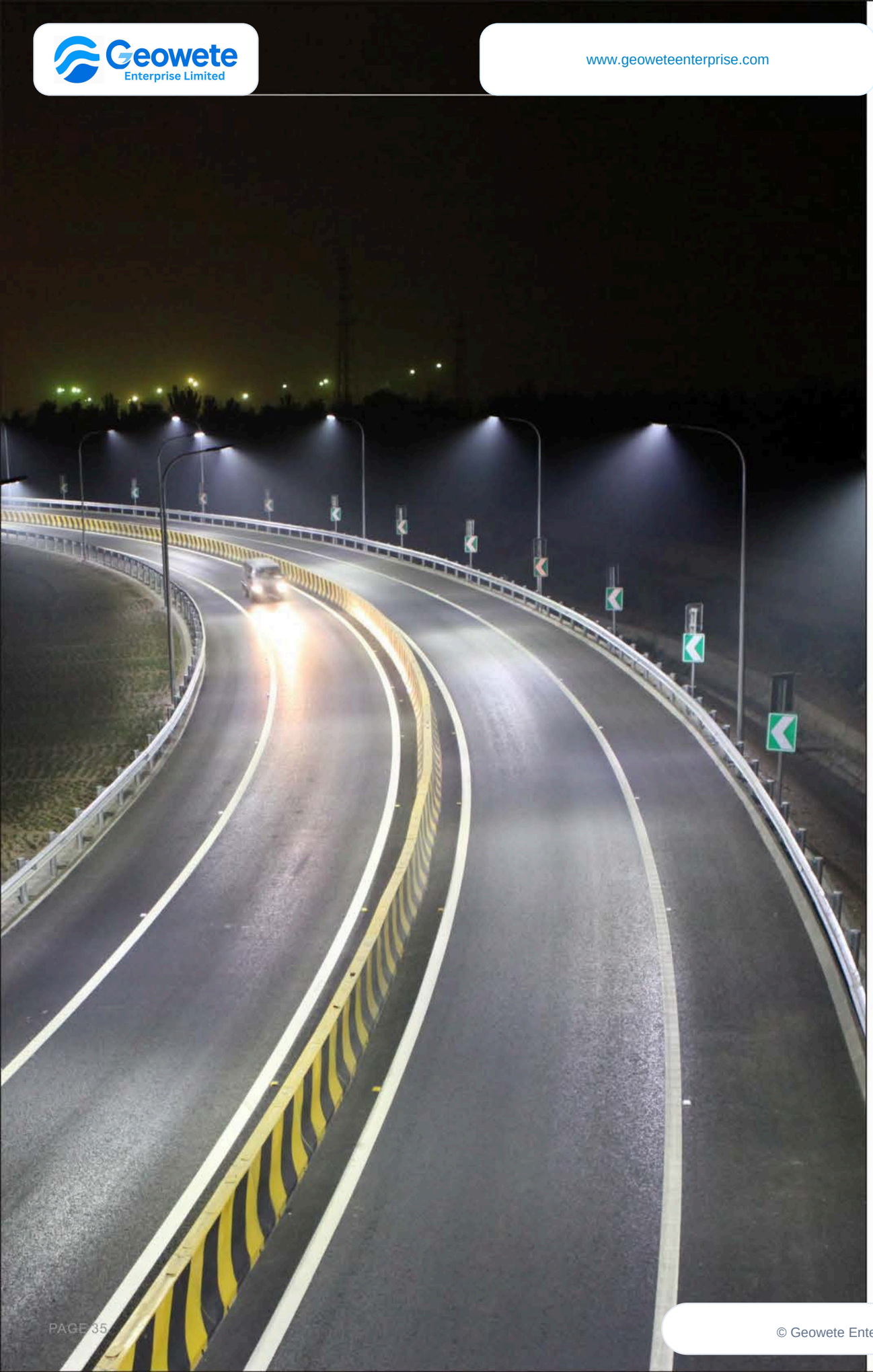


PRODUCT SPECIFICATION

Model	0411A180-01	0339A100-01	0339A100-02
LED Lamp	5050LED 112PCS	3030 LED 100PCS/3014 LED 1680PCS	3030 LED 120PCS/3014 LED 1800PCS Green light
Color Temperature	6000K	6000K	6000K
Solar Panel	17.5V 175W,Mono-crystalline	17.5V 105W,Mono-crystalline	36V 216W,Mono-crystalline
Battery Type	LiFePO4 12.8V 80AH	LiFePO4 12.8V 54AH	LiFePO4 25.6V 81AH
Controller	15A*1PCS	15A*1PCS	15A*1PCS
Charging Time	6-8 hours	6-8 hours	6-8 hours
Discharging Time	12-15hours	12-15hours	12-15hours
LED	160lm/w	160lm/w	160lm/w
Material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
lamp Size	711*269*111mm	595*300*110mm	510*286*77mm
Solar Panel Size	1185*180*4mm*5pcs	1185*180*4mm	1955*180*4mm
Install Height	10-12m	10-12m	10-12m
Warranty	2 Years	2 Years	2 Years

Model	0339B150-01	0339D250-01
LED Lamp	3030LED 150PCS/5730LED 780PCS	3030LED 250PCS / 5730LED 1152PCS Green light
Color Temperature	6000K	6000K
Solar Panel	18V 216W,Mono-crystalline	36V 216W,Mono-crystalline
Battery Type	LiFePO4 12.8V 81AH	LiFePO4 25.6V 81AH
Controller	15A*1PCS	15A*1PCS
Charging Time	6-8 hours	6-8 hours
Discharging Time	12-15hours	12-15hours
LED	160lm/w	160lm/w
Material	Die-casting Aluminum	Die-casting Aluminum
lamp Size	677*300*110mm	850*300*110mm
Solar Panel Size	1955*180*4mm	1995*180*4mm
Install Height	10-12m	10-12m
Warranty	2 Years	2 Years

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100W/200W/300W/400W



PRODUCT SPECIFICATION

Item No.	0363A100-05	0363B200-05
LED Lamp	3030 LED 30PCS 6000K	3030 LED 60PCS 6000K
Solar Panel	5V 25W,Monocrystalline	5V 30W,Monocrystalline
Battery Type	LiFePO4 3.2V 24AH	LiFePO4 3.2V 30AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	12-15 hours	12-15 hours
LED	160 lm/w	160 lm/w
Material	Die-casting Aluminium	Die-casting Aluminium
Install Height	656*237*176mm	770*237*176mm
Dimensions	3-5m	4-6m
Warranty	3 years	3 years

Item No.	0363C300-05	0363D400-05
LED Lamp	3030 LED 90PCS 6000K	3030 LED 120PCS 6000K
Solar Panel	5V 40W,Monocrystalline	5V 45W,Monocrystalline
Battery Type	LiFePO4 3.2V 36AH	LiFePO4 3.2V 48AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	12-15 hours	12-15 hours
LED	160 lm/w	160 lm/w
Material	Die-casting Aluminium	Die-casting Aluminium
Install Height	878*237*178mm	999*238*175mm
Dimensions	5-7m	5-7m
Warranty	3 years	3 years

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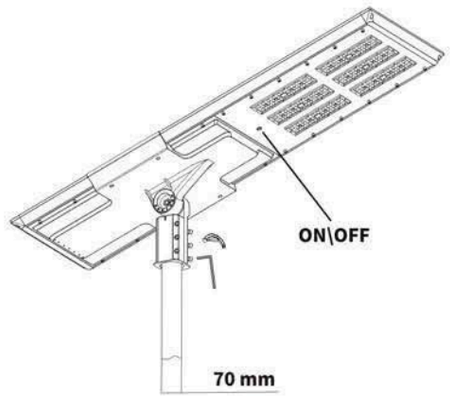
200W/300W



PRODUCT SPECIFICATION

Item No.	0310F200-08	0310G300-01
LED Lamp	5050 LED 168PCS 6000K	5050 LED 252PCS 6000K
Solar Panel	16.5V 180W, Mono-Crystalline	18V 200W, Mono-Crystalline
Battery Type	LiFePO4 12.8V 90AH	LiFePO4 12.8V 108AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	30-36 hours	30-36 hours
LED	200 lm/w	200 lm/w
Material	Die-Casting Aluminium	Die-Casting Aluminium
Install Height	8-10m	10-12m
Dimensions	1550*534*174mm	1767*534*174mm
Warranty	3 years	3 years

INSTALLATION GUIDE



WARNING

- Please avoid looking directly at the light.
- The charging and dismantling process must be carried out in a safe place.
- Do not short-circuit, disassemble ; do not put in the water and near the fire.
- without professionals, do not attempt to repair or replace the battery , the supplier shall not be responsible for any damage of the consequence of replacing or repairing the battery that not conducting by supplier.

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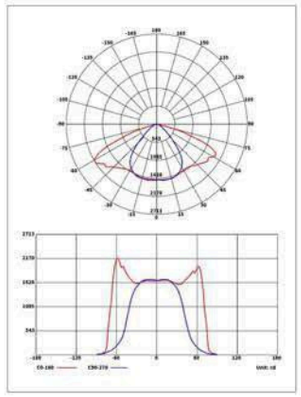
200W/300W/400W

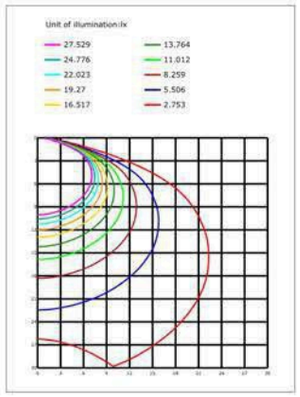


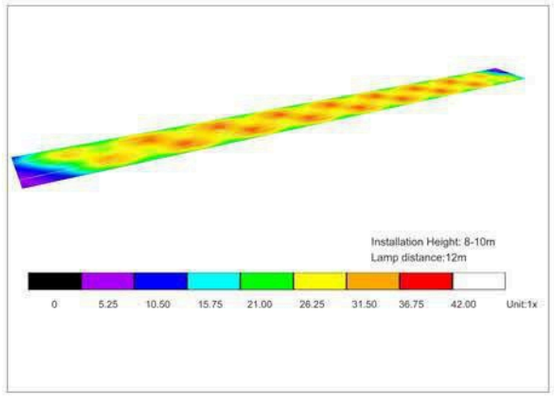
PRODUCT SPECIFICATION

Item No.	0278B200-11	0278C300-01	0278D400-08
LED Lamp	3030 LED 288PCS 6000K	3030 LED 432PCS 6000K	3030 LED 576PCS 6000K
Solar Panel	18v 88W Mono-Crystalline	18V 100W Mono-Crystalline	16.5V 130W Mono-Crystalline
Battery Type	LiFePO4 12.8V 64AH	LiFePO4 12.8V 80AH	LiFePO4 12.8V 96AH
Charging Time	6-8 hours	6-8 hours	6-8 hours
Discharging Time	30-36 hours	30-36 hours	30-36 hours
LED	160 lm/w	160 lmlw	160 lmw
Material	Aluminium	Aluminium	Aluminium
Install Height	1207*358*303mm	1487*358*303mm	1800*400*303mm
Dimensions	6-8m	8-10m	10-12m

PHOTOMETRICS







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360W



PRODUCT ADVANTAGE

- **High Quality Solar Panels**

Fast energy storage, 21% higher photoelectric conversion rate, and with a built-in lithium battery it only takes 6-8 hours to fully charge.

- **High Brightness Solar Light**

This street light has high-brightness energy-saving LED chips, suitable for outdoor places such as courtyards, gardens, patios, parking lots etc.

- **Easy To Installa**

The solar street light is easy to install and can be mounted on a wall or a pole, it can save intallation costs and maintenance costs ,electicity bill

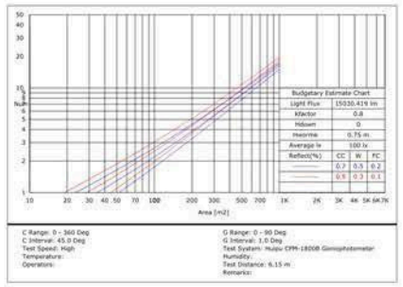
- **Reliable After-sale Service**

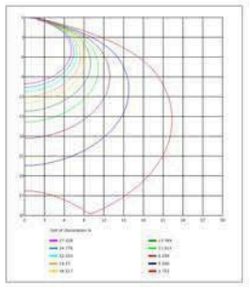
Anything goes wrong. free to call or email us any time.

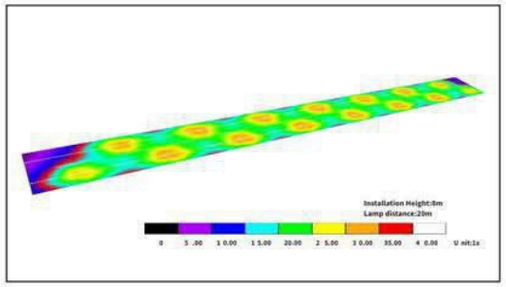
PRODUCT SPECIFICATION

Model	0386A360-01
LED Lamp	3030 LED 300W
CCT	3000K~6000K
Solar Panel	18V 230W, Mono-Crystalline
Battery Type	LiFePO4 12.8V 100AH
Charging Time	6-8 hours
Discharging Time	30-36 hours
Led	160 lm/w
Material	Aluminum Alloy
Product size	1500*1103*210mm
Install Height	8-12m
Warranty	3 Years

PHOTOMETRICS







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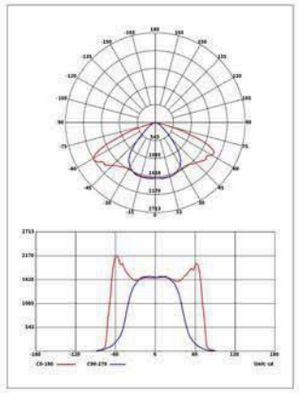
40W/60W/100W

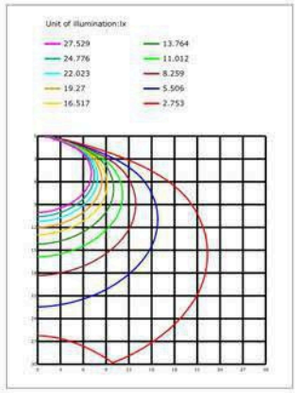


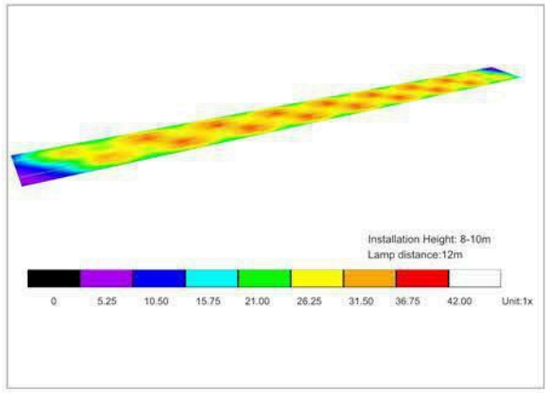
PRODUCT SPECIFICATION

Item No.	0310B40-11	0310C60-29	0310D100-09
LED Lamp	5050 LED 28PCS 6000K	5050 LED 28PCS 6000K	5050 LED 56PCS 6000K
Solar Panel	16V 38W, Mono-Crystalline	16V 48W, Mono-Crystalline	16V 64W, Mono-Crystalline
Battery Type	LiFePO4 12.8V 18AH	LiFePO4 12.8V 24AH	LifePO4 12.8V 42AH
Charging Time	6-8 hours	6-8 hours	6-8 hours
Discharging Time	30-36 hours	30-36 hours	30-36 hours
LED	160lm/w	160lm/w	160lm/w
Material	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum
Install Height	4-6m	5-7m	6-8m
Dimensions	740*340*82 mm	860*360*82mm	980*360*125mm

PHOTOMETRICS







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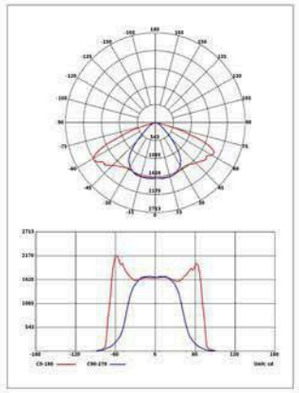
40W/60W/100W

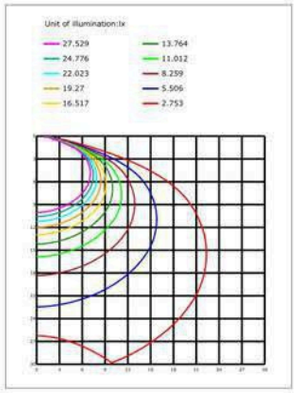


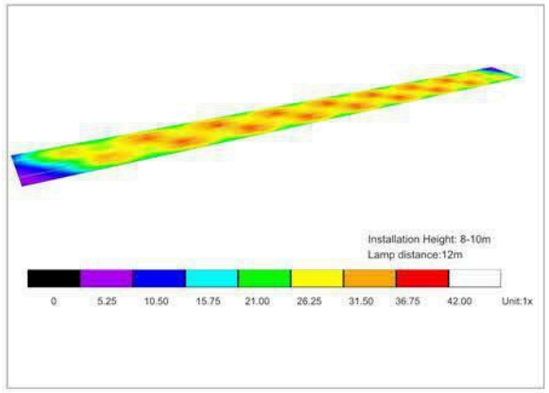
PRODUCT SPECIFICATION

Item No.	0310B40-03	0310C60-12	0310D100-03
LED Lamp	5730 LED 200PCS 3000K-6000K	5730 LED 200PCS 3000K-6000K	5730 LED 400PCS 3000K-6000K
Solar Panel	16V 38W, Mono-Crystalline	16V 48W,Mono-Crystalline	16V 64W, Mono-Crystalline
Battery Type	LiFePO4 12.8V 18AH	LiFePO4 12.8V 24AH	LiFePO4 12.8V 42AH
Charging Time	6-8 hours	6-8 hours	6-8 hours
Discharging Time	30-36 hours	30-36 hours	30-36 hours
LED	160 lm/w	160 lm/w	160 lm/w
Material	Die-Casting Aluminium	Die-Casting Aluminium	Die-Casting Aluminium
Install Height	4-7m	5-8m	6-9m
Dimensions	740*340*82 mm	860*360*82mm	980*360*125 mm

PHOTOMETRICS







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SOLAR STREET LIGHT

150W

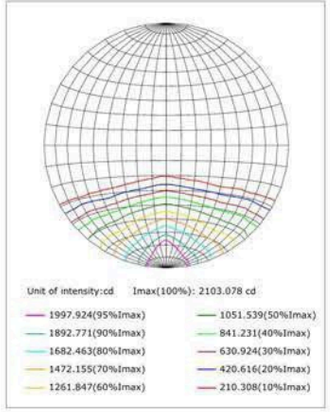




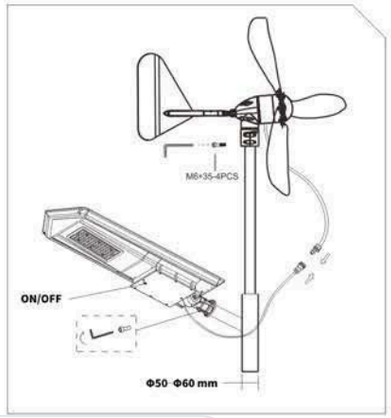
PRODUCT SPECIFICATION

Item No.	0310E150-05
LED Lamp	3535 LED 84PCS 6000K
LED Lamp	5730 LED 48PCS Green Glow
Solar Panel	18V 85W,Mono-Crystalline
Battery Type	LiFePO4 12.8V 54AH
Charging Time	6-8 hours
Discharging Time	30-36 hours
LED	160 lm/w
Material	Die-cast Aluminum
Install Height	6-8m
Dimensions	1224*401*133mm
Warranty	3 years

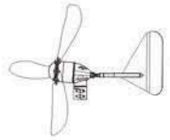
PHOTOMETRICS



INSTALLATION GUIDE



Wind Turbine



Solar LED Street Light



Step 1 :Fix the upper part of the light pole, pay attention to the direction of solar radiation when fixing, to ensure the effective light absorption of the solar panels installed behind;Step
2: Fix the wind turbine to the top of the pole, and pull the wire out of theside hole of the pole;Step
3: Put the lamp on the arm;Step
4: Connect according to the diagram above, make sure it is correct and then turn on the switch.

Warning:
► Please avoid looking directly at the light.
► Dismantling process must be carried out in a safe place.
► Do not short-circuit, disassemble ; do not put in the water and near the re.
► **Without the guidance of experts, users are forbidden to repair or dismantle the lights; The supplier shall not be responsible for any consequences owing to incorrect operation or wrong maintained by users.**

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60W/120W/180W/240W



PRODUCT SPECIFICATION

Item No.	0856A60-02	0856B120-02
LED Lamp	5730 LED 108PCS 6000K	5730LED 216PCS 6000K
Solar Panel	10V 16W, Polycrystalline	10V 22W, Polycrystalline
Battery Type	LiFePO4 6.4V 12AH	LiFePO4 6.4V 18AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	20-24 hours	20-24 hours
LED	160 lm/w	160 lm/w
Material	Aluminum	Aluminum
Install Height	4-6m	6-8m
Dimensions	502*220*123mm	702*220*123 mm
Warranty	3 years	3 years

Item No.	0856C180-02	0856D240-02
LED Lamp	5730 LED 324PCS 6000K	5730 LED 432PCS 6000K
Solar Panel	10V 28W,Polycrystalline	10v 39W, Polycrystalline
Battery Type	LiFePO4 6.4V 24AH	LiFePO4 6.4V 30AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	20-24 hours	20-24 hours
LED	160 lm/w	160 lm/w
Material	Aluminum	Aluminum
Install Height	8-10m	8-12m
Dimensions	902*220123 mm	1117*220*53mm
Warranty	3years	3 years

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60W/90W/120W/150W/180W

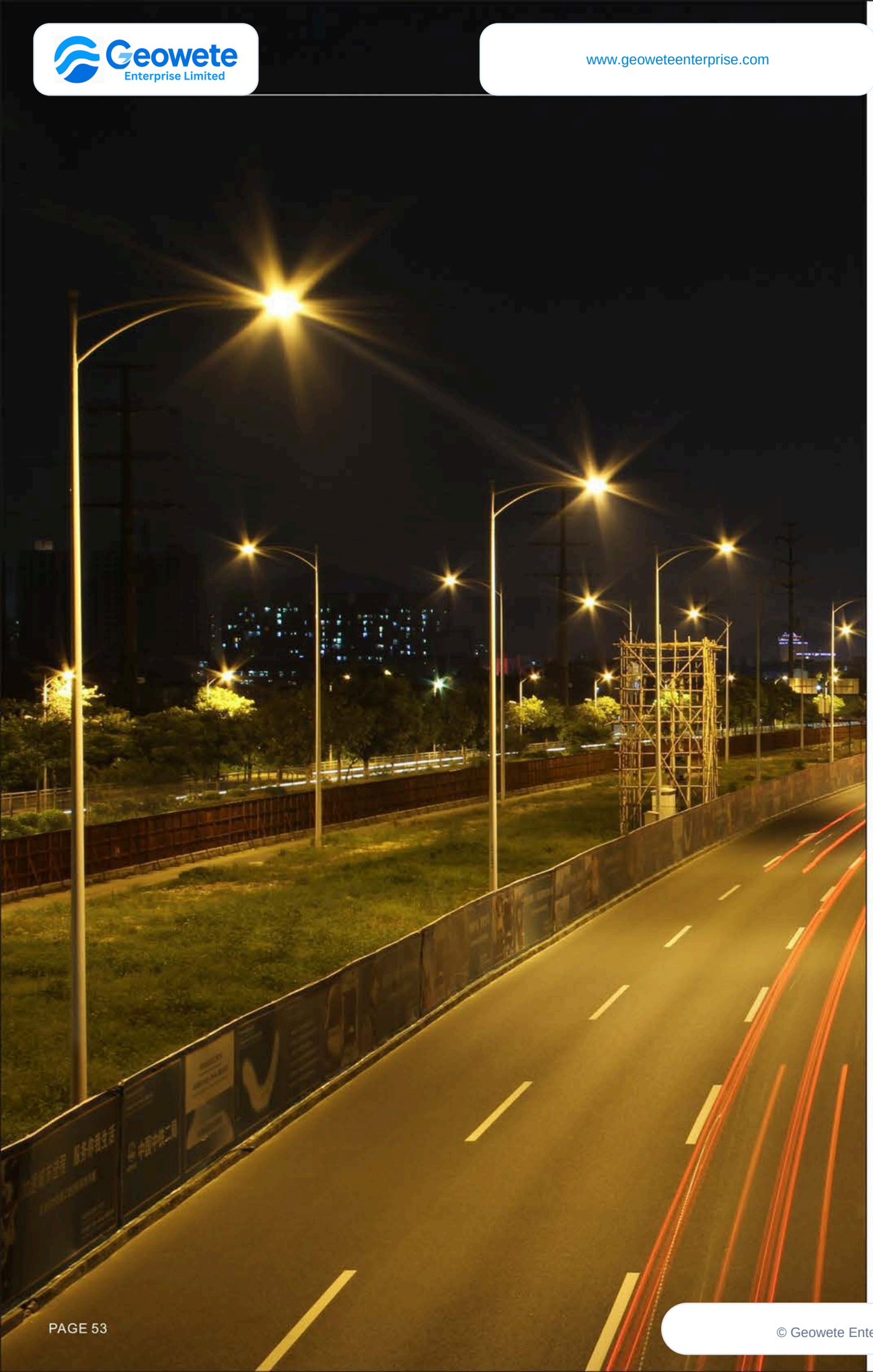


PRODUCT SPECIFICATION

Item No.	0318A60-01	0318B90-01	0318C120-01
LED Lamp	3030 LED 60PCS 6000K	3030 LED 90PCS 6000K	3030 LED 120PCS 6000K
Solar Panel	16V 48W, Monocrystalline	16V 64W,Monocrystalline	18V 85W, Monocrystalline
Battery Type	LiFePO4 12.8V 18AH	LiFePO4 12.8V 24AH	LiFePO4 12.8V 30AH
Charging Time	6-8 hours	6-8 hours	6-8 hours
Discharging Time	20-24 hours	20-24 hours	20-24 hours
LED	160 lmw	160 lm/w	160 lm/w
Material	Aluminium Alloy	Aluminium Alloy	Aluminium Alloy
Install Height	4-6m	5-7m	6-8m
Dimensions	726*362*148mm	935*362*148mm	1039*425*148mm
Warranty	3 years	3 years	3 years

Item No.	0318D150-01	0318E180-01
LED Lamp	3030LED 150PCS 6000K	3030LED 180PCS 6000K
Solar Panel	17.5V 100W, Monocrystalline	20V 120W, Monocrystalline
Battery Type	LiFePO4 12.8V 36AH	LiFePO4 12.8V 42AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	20-24 hours	20-24 hours
LED	160 lm/w	160 lm/w
Material	Aluminium Alloy	Aluminium Alloy
Install Height	8-10m	10-12m
Dimensions	1197*425*148mm	1354*425*148mm
Warranty	3 years	3 years

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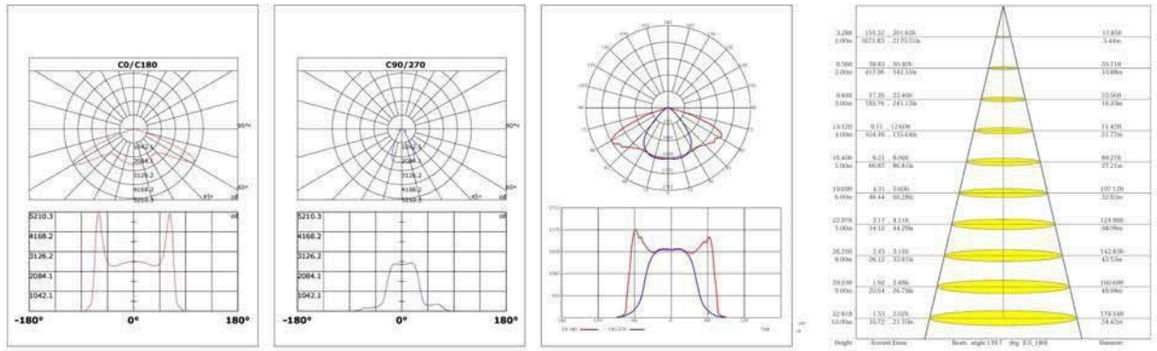
120W/180W



PRODUCT SPECIFICATION

Model	0381B120-20	0381C180-20
LED Lamp	3030 LED 120PCS 6000K	2835 LED 200PCS 3000-6000K
Solar Panel	5V 30W Mono-crystalline	5V 39W Mono-crystalline
Battery Type	LiFePO4 3.2V 35AH	LiFePO4 3.2V 55AH
IPRating	IP65	IP65
Charging time	6-8 Hours	6-8 Hours
Discharging time	12-15 Hours	2 Rainy days
Lumen	160 lm/w	160 lm/w
Material	Aluminum alloy	Aluminum alloy
Lamp Size	905*210*145mm	1116*229*138mm
Install Height	4-6m	6-8m
Warranty	3 Years	3 Years

PHOTOMETRICS





30W/60W/90W/120W/150W



PRODUCT SPECIFICATION

Item No.	0845A30-01	0845B60-01	0845C90-01
LED Lamp	5730 LED 60PCS 6000K	5730 LED 120PCS 6000K	5730 LED 180PCS 6000K
Solar Panel	6V 7W,Polycrystalline	6V 9W, Polycrystalline	6V 12W,Polycrystalline
Battery Type	LiFePO4 3.2V 12AH	LiFePO4 3.2V 18AH	LiFePO4 3.2V 24AH
Charging Time	6-8 hours	6-8 hours	6-8 hours
Discharging Time	20-24hours	20-24 hours	20-24 hours
LED	160 lm/w	160 lm/w	160 lm/w
Material	ABS	ABS	ABS
Dimensions	400*230*65 mm	530*240*65 mm	645*250*65 mm
Install Height	3-5m	4-6m	5-8m
Warranty	3 years	3 years	3 years

Model	0845D120-01	0845E150-01
LED Chip	5730 LED 240PCS 6000K	5730 LED 300PCS 6000K
Solar Panel	6V 18W, Polycrystalline	6V 22W,Polycrystalline
Battery Type	LiFePO4 3.2V 30AH	PO4 3.2V 36AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	30-36 hours	30-36 hours
LED	160 lm/w	160 lm/w
Material	ABS	ABS
Product Size	750*250*65 mm	838*250*65mm
Install Height	5-8m	5-8m
Warranty	3 years	3 years

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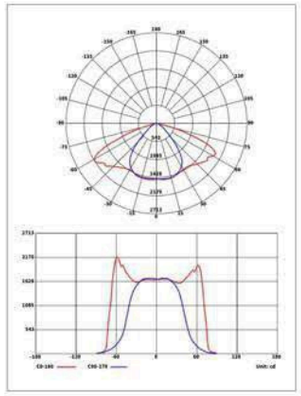
90W/180W

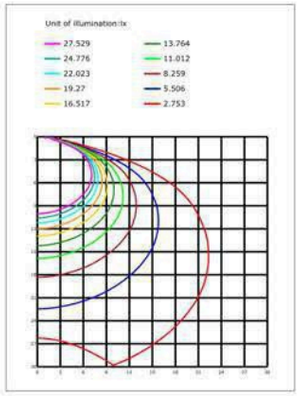


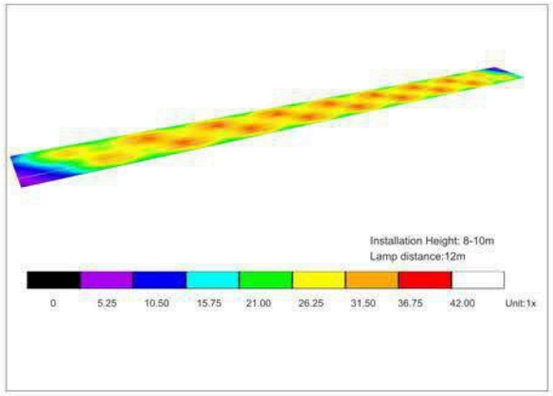
PRODUCT SPECIFICATION

Item No.	0865A90-02	0865A180-02
LED Lamp	5050 LED 56PCS 6000K	5050 LED 112PCS 6000K
Solar Panel	18V 90W,Polycrystalline	18V 180W,Polycrystalline
Battery Type	LiFePO4 12.8V 60AH	LiFePO4 12.8V 60AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	30-36 hours	30-36 hours
LED	160 lm/w	160 lm/w
Material	Die-Casting Aluminium	Die-Casting Aluminium
Install Height	7-9m	10-12m
Dimensions	711*269*111 mm	711*269*111mm

PHOTOMETRICS







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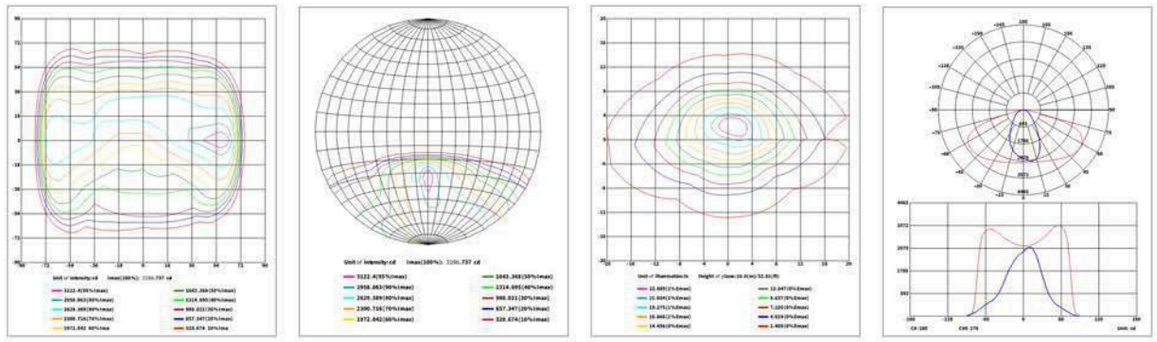
100W/200W



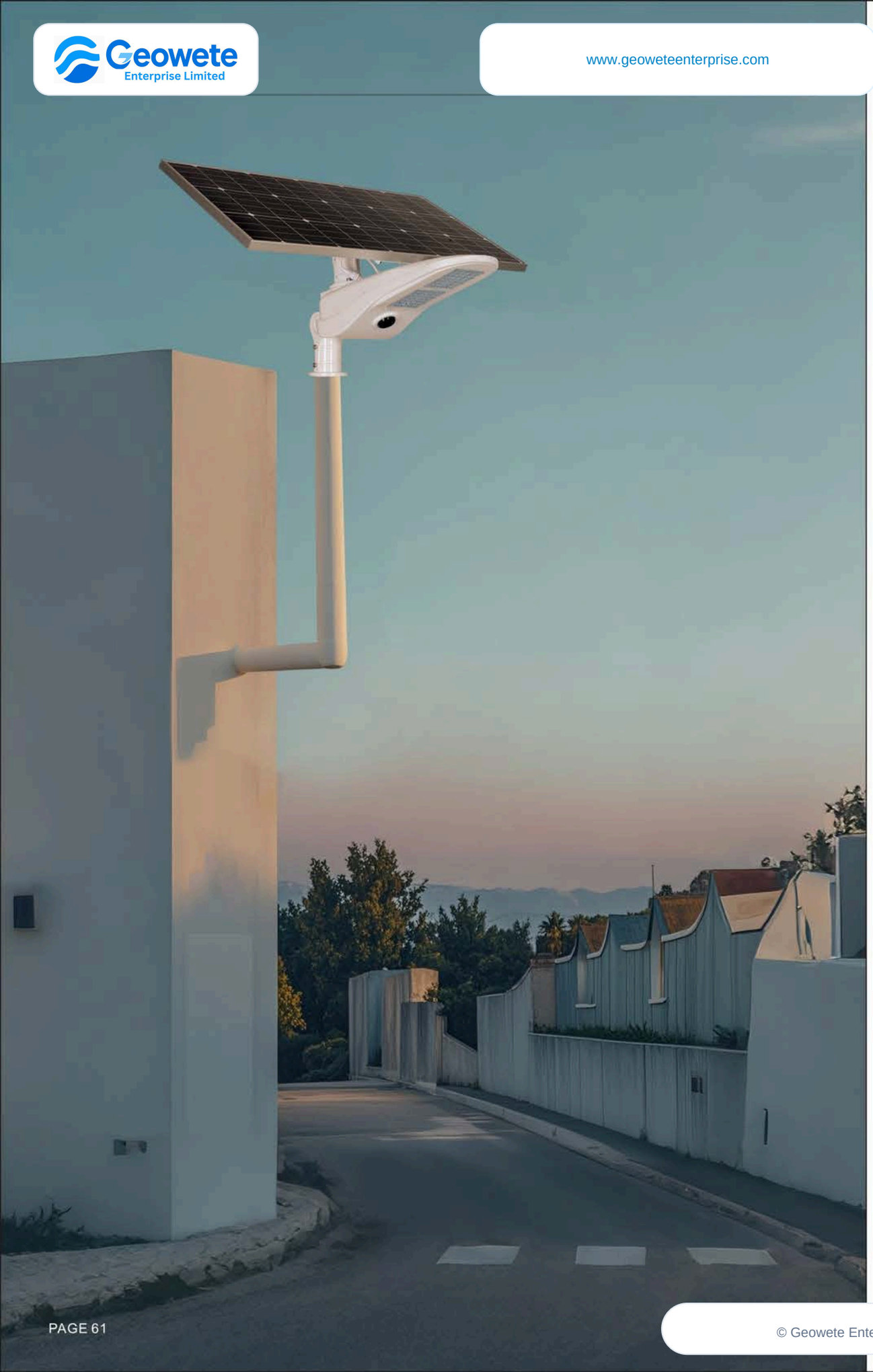
PRODUCT SPECIFICATION

Model	0357A100-21	0357B200-21
LED Chip	3030 LED 50PCS	3030 LED 80PCS
Solar Panel	6V 30W, Polycrystalline	6V 35W, Polycrystalline
Battery Type	LiFePO4 3.2V 35AH	LiFePO4 3.2V 43AH
LED Lifespan	50000Hours	50000Hours
Charging Time	6-8 Hours	6-8 Hours
Discharging Time	12-15 Hours	12-15 Hours
IP Rating	IP65	IP65
LED	160lm/w	160lm/w
Material	Aluminum Alloy	Aluminum Alloy
Product Size	608.5*220*74mm	710*234.5*74mm
Install Height	3-5m	4-6m
Warranty	3 Years	3 Years

PHOTOMETRICS



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SOLAR STREET LIGHT

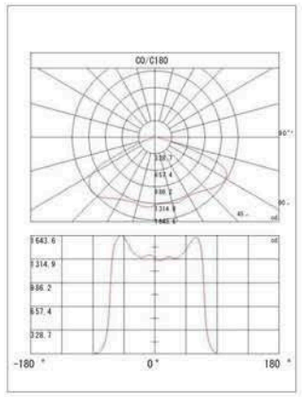
50W



PRODUCT SPECIFICATION

Item No.	0875A50-01	0875A50-04
LED Lamp	Bridgelux LED 48PCS 6000K	5730LED 216PCS 6000K
Solar Panel	16.5V 100W, Mono-Crystalline	9V 65W, Polycrystalline
Battery Type	LiFePO4 12.8V 24AH	LiFePO4 6.4V 48AH
Charging Time	6-8 hours	6-8 hours
Discharging Time	20-24 hours	20-24 hours
LED	160 lm/w	160 lm/w
Material	Die-casting Aluminium	Die-Casting Aluminium
Install Height	4-7m	4-7m
Warranty	3 years	3 years
Dimensions	904*735*350mm	670*735*350mm

PHOTOMETRICS



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PROJECT HIGHTLIGHTS

With extensive experience in solar street lighting projects worldwide, we have delivered reliable solutions across a wide range of environments and application scenarios. Every project stand as a testament to strong manufacturing capability and trusted quality.



120W Remote Rural Solar Street Light Project in Côte d'Ivoire

Date: 16th December. 2025
Project Site: Côte d'Ivoire



300W Main Road Solar Street Light Project in Tanzania

Date: 3th January. 2026
Project Site: Arusha Tanzania



300W Rural Main Road Solar Street Light Project in Congo

Date: 28th March. 2026
Project Site: Congo



150W School Solar Street Light Project in Cameroon

Date: 23th July. 2025
Project Site: Tiko Cameroon



120W Main Road Solar Street Light Project in Kenya

Date: 1st June. 2025
Project Site: Kenya



180W Main Road Solar Street Light Project in Thailand

Date: 1st Feb. 2024
Project Site: Thailand

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