



SOLAR LED STREET LIGHT



SOLAR LED BROCHURE
WWW.SOLAR-LED-STREET-LIGHT.COM

TABLE OF CONTENTS

03 COMPANY INTRODUCTION

04 QUALIFICATIONS

05 PRODUCT INTRODUCTION

06 QUALITY CONTROL

07 STRUCTURE ILLUSTRATION

08 TECHNOLOGICAL PARAMETER

TABLE OF CONTENTS

DEL ILLUMINATION CO., LTD. is a joint company between Germany and China. We have Research and Development office in Dresden, Germany; Sales and Marketing office in Shenzhen, China; 4000m² manufacture plant in Changzhou, China. The production ability for us can be 10,000 pcs/month.

We only specialize in Solar LED Street light. Our product is designed by professional Germany R&D team. They have been in this field for more than 8

years. Our production management system is strictly conducted according to ISO9001-2005 standard so we always stay ahead of this field due to our unique designs and high quality. Our products have passed TUV, CE, ROHS, IP65, MSDS, SASO, SONCAP, IK10, CIQ etc certification.

Being an LED Lighting Artist is the dream for every DELer. We believe, with our serious attitude, all of our partners will achieve a successful market all over around the world.



COMPANY STRUCTURE



PRODUCT INTRODUCTION

All-in-One solar LED street light is a new kind of solar LED street light for the road lighting. Its solar panel, LED lamp, controller, battery are all integrated inside the lamp then it is very easy for the installation. In addition, there is a brightness sensor inside the lamp. If the sunshine brightness is enough, the solar panel can absorb the solar energy for battery charging, while if the brightness is not enough, the LED lamp will be on automatically and the battery will supply the energy to the lamp for area illumination. What's more, the lamp can be customized with motion sensor or time control mode. Its brightness standard can be adjusted by movement or time schedule. It has solved the problem of complex installation and expensive transportation compared with traditional solar LED street light.



PRODUCT MAIN FEATURE:

- Solar panel, LED Lamp, Battery, Controller, all-in-one design
- Easy and cheap Installation, no need for cable
- Automatically turn on and off according to brightness
- Motion Sensor and Time Control Intelligent Mode Available
- High-brightness LM80 LED inside, the luminous efficiency > 210LM/W
- High efficient Sunpower(24%) mono-crystalline solar panel
- MSDS Passed High lifespan LiFePO4 battery
- High Charging Efficiency MPPT Controller
- Battery, controller, LED lamp Easy Maintenance
- Cheaper and easier for transportation
- Anti-storm and safe design
- CE,ROHS,IP65 Certificated

QUALITY CONTROL

Defective Rate < 0.1%

(Amazing Only 1 Out Of 1000 Pcs)

Strictly Comply With Iso9001 Quality Management System



Incoming Components Inspection



LED Parameter Inspection



Automatically Brush Soldering Paste on PCB



Full Automatically SMT Process



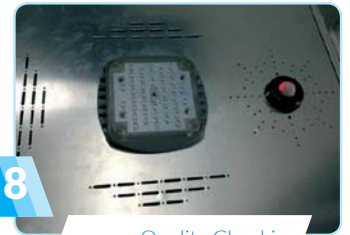
Reflow Soldering Process



Solar Panel Inspection



Hardware Workshop for Aluminum Parts



Quality Checking During Assembling



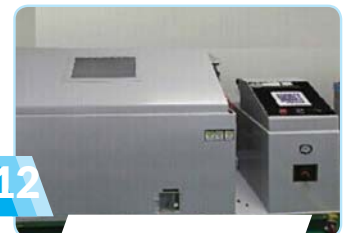
Automatic Aging Process for 24 hours



Waterproof (IP Rate) Test



Temperature and Humidity Test



Salt Spray Test



Integrated Sphere Testing for record



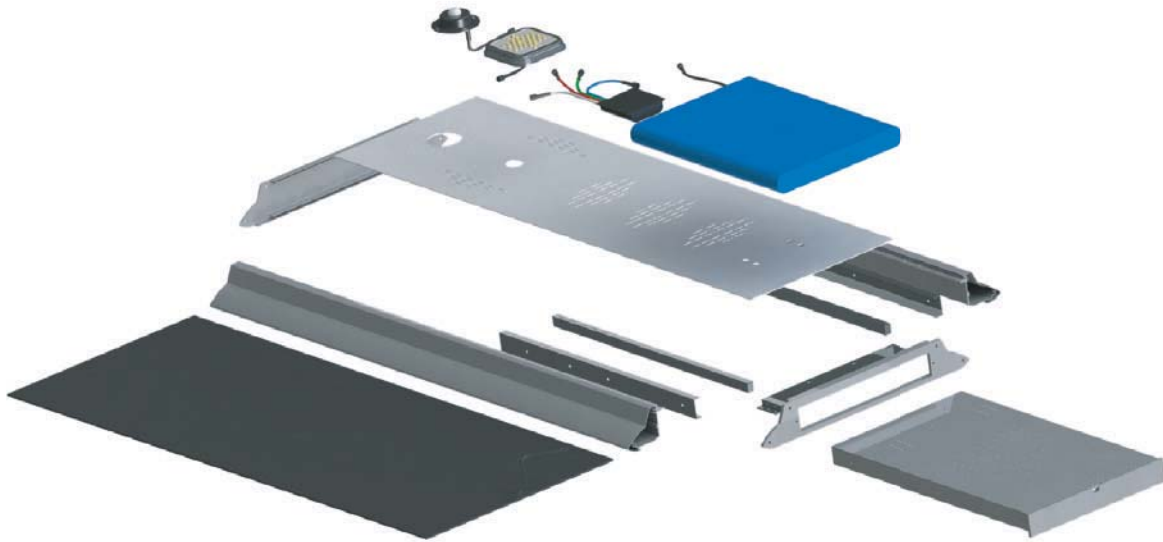
IES Testing for record



Anti Vibration Test for Package



An Finished Package for Delivery



WORKING PROCESS INSTRUCTIONS



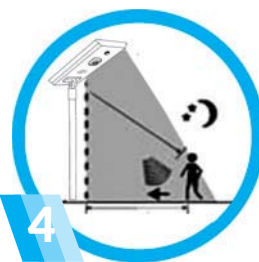
Step 1
Please press the "on/off" socket on the bottom of lamp to unlock the battery.



Step 2
Lamp will be off automatically for solar charging during daytime.



Step 3
When the night comes, the lamp will be on automatically because of a brightness sensor inside.



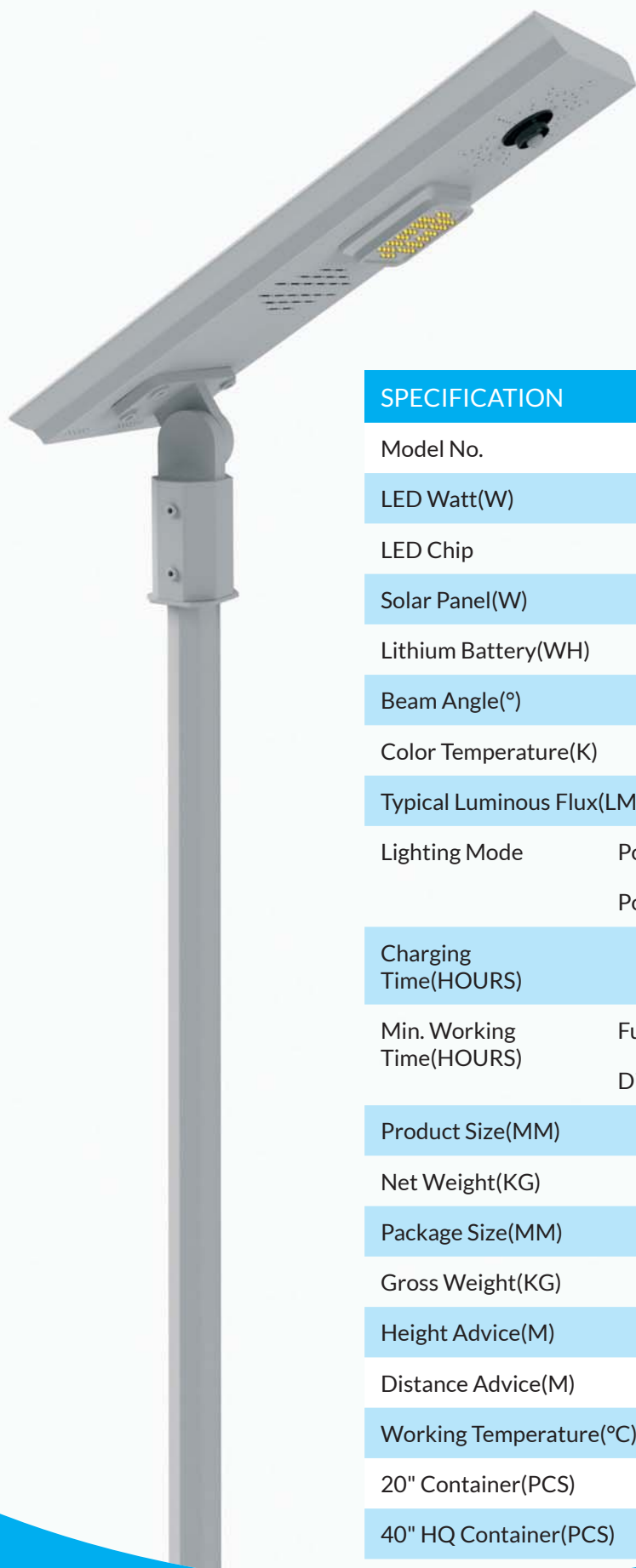
Step 4
When someone comes near the lamp, it will be 100% brightness.



Step 5
When someone leaves away from the lamp more than 30s, it will be only 30% brightness to save the battery energy. All the delay time and brightness standard can be customized.



Step 6
It is also available for time control with time schedule and centre control with GPRS.



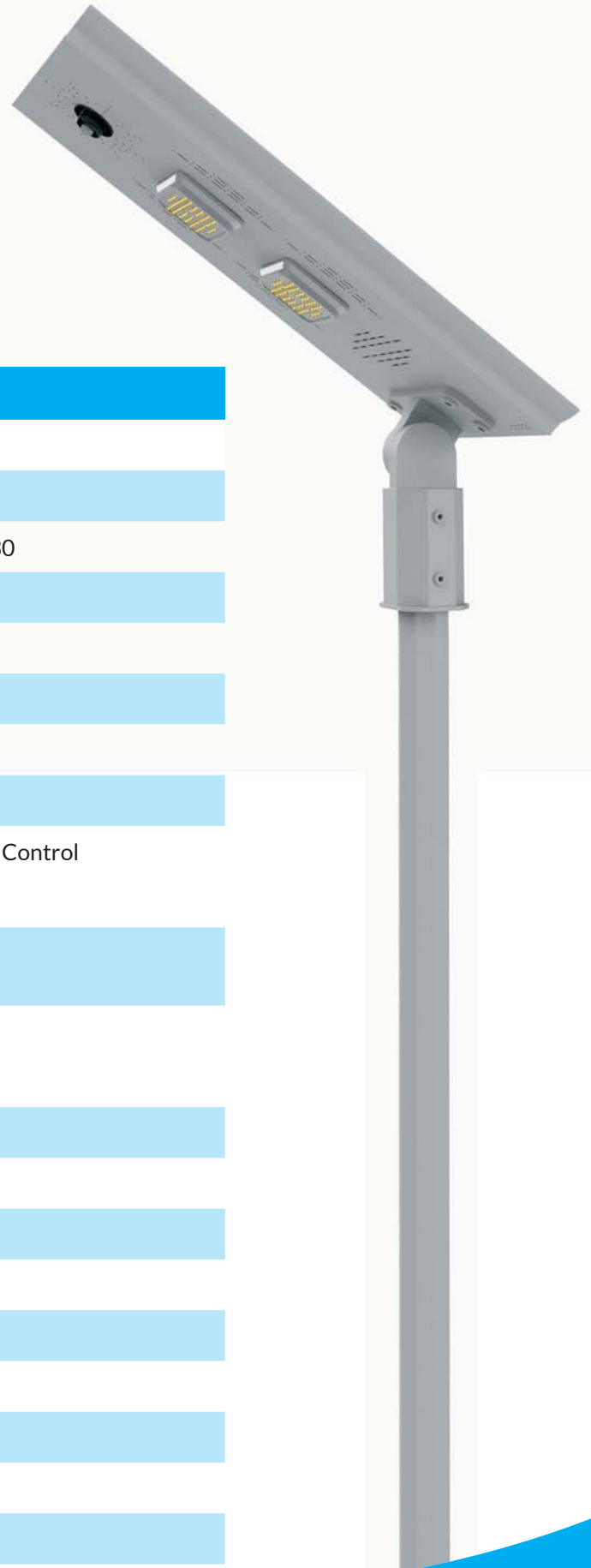
15W SOLAR LED STREET LIGHT

SPECIFICATION

Model No.	DEL-DN2-15W	
LED Watt(W)	15	
LED Chip	LM80 Nichia 3030	
Solar Panel(W)	30	
Lithium Battery(WH)	192	
Beam Angle(°)	150*80	
Color Temperature(K)	2700-6500	
Typical Luminous Flux(LM)	2400-2550	
Lighting Mode	Pole(≤8M)	PIR Sensor/Time Control
	Pole(>8M)	Time Control
Charging Time(HOURS)	6	
Min. Working Time(HOURS)	Full Bright	12
	Dim Mode	48
Product Size(MM)	690*298*65	
Net Weight(KG)	12	
Package Size(MM)	860*398*160	
Gross Weight(KG)	15	
Height Advice(M)	4-5	
Distance Advice(M)	12-15	
Working Temperature(°C)	-20~65	
20" Container(PCS)	551	
40" HQ Container(PCS)	1297	

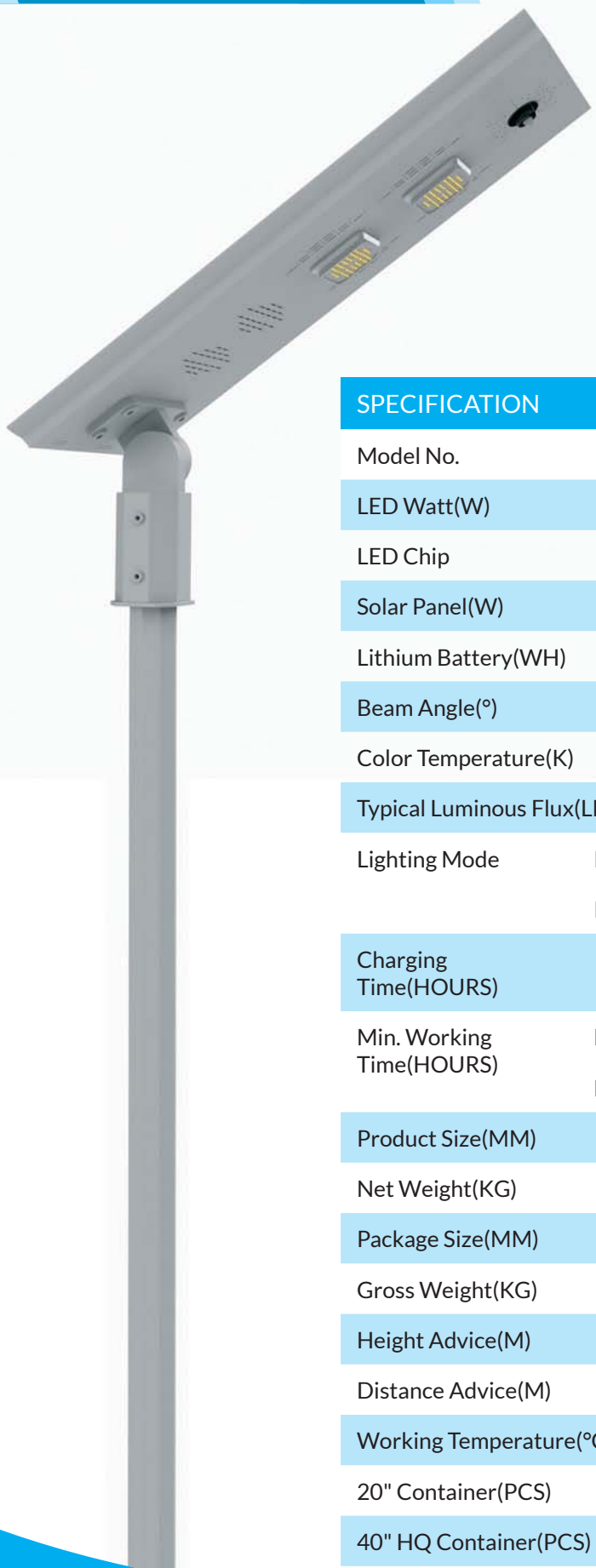
20W

SOLAR LED STREET LIGHT



SPECIFICATION

Model No.	DEL-DN2-20W	
LED Watt(W)	20	
LED Chip	LM80 Nichia 3030	
Solar Panel(W)	50	
Lithium Battery(WH)	256	
Beam Angle(°)	150*80	
Color Temperature(K)	2700-6500	
Typical Luminous Flux(LM)	3200-3400	
Lighting Mode	Pole(≤8M)	PIR Sensor/Time Control
	Pole(>8M)	Time Control
Charging Time(HOURS)	6	
Min. Working Time(HOURS)	Full Bright	11
	Dim Mode	44
Product Size(MM)	830*424*65	
Net Weight(KG)	16	
Package Size(MM)	1002*524*160	
Gross Weight(KG)	19	
Height Advice(M)	5-6	
Distance Advice(M)	15-20	
Working Temperature(°C)	-20~65	
20" Container(PCS)	358	
40" HQ Container(PCS)	835	



30W

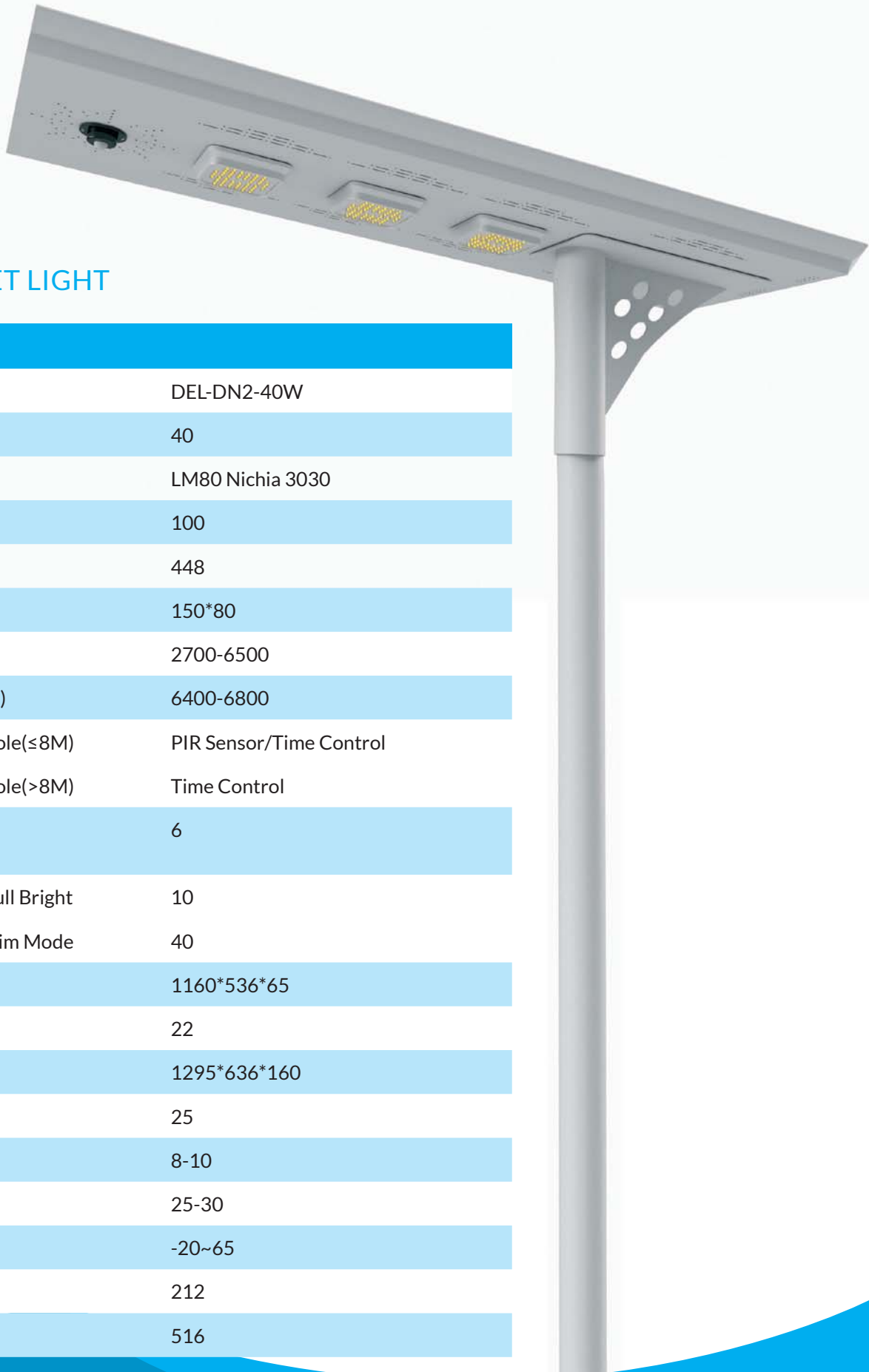
SOLAR LED STREET LIGHT

SPECIFICATION

Model No.	DEL-DN2-30W	
LED Watt(W)	30	
LED Chip	LM80 Nichia 3030	
Solar Panel(W)	70	
Lithium Battery(WH)	320	
Beam Angle(°)	150*80	
Color Temperature(K)	2700-6500	
Typical Luminous Flux(LM)	4800-5100	
Lighting Mode	Pole(≤8M)	PIR Sensor/Time Control
	Pole(>8M)	Time Control
Charging Time(HOURS)	6	
Min. Working Time(HOURS)	Full Bright	10
	Dim Mode	40
Product Size(MM)	1080*424*65	
Net Weight(KG)	19	
Package Size(MM)	1252*524*160	
Gross Weight(KG)	22	
Height Advice(M)	7-8	
Distance Advice(M)	20-25	
Working Temperature(°C)	-20~65	
20" Container(PCS)	282	
40" HQ Container(PCS)	670	

40W

SOLAR LED STREET LIGHT



SPECIFICATION

Model No.	DEL-DN2-40W	
LED Watt(W)	40	
LED Chip	LM80 Nichia 3030	
Solar Panel(W)	100	
Lithium Battery(WH)	448	
Beam Angle(°)	150*80	
Color Temperature(K)	2700-6500	
Typical Luminous Flux(LM)	6400-6800	
Lighting Mode	Pole(≤8M)	PIR Sensor/Time Control
	Pole(>8M)	Time Control
Charging Time(HOURS)	6	
Min. Working Time(HOURS)	Full Bright	10
	Dim Mode	40
Product Size(MM)	1160*536*65	
Net Weight(KG)	22	
Package Size(MM)	1295*636*160	
Gross Weight(KG)	25	
Height Advice(M)	8-10	
Distance Advice(M)	25-30	
Working Temperature(°C)	-20~65	
20" Container(PCS)	212	
40" HQ Container(PCS)	516	

50W

SOLAR LED STREET LIGHT

SPECIFICATION

Model No.	DEL-DN2-50W	
LED Watt(W)	50	
LED Chip	LM80 Nichia 3030	
Solar Panel(W)	120	
Lithium Battery(WH)	512	
Beam Angle(°)	150*80	
Color Temperature(K)	2700-6500	
Typical Luminous Flux(LM)	8000-8500	
Lighting Mode	Pole(≤8M)	PIR Sensor/Time Control
	Pole(>8M)	Time Control
Charging Time(HOURS)	6	
Min. Working Time(HOURS)	Full Bright	10
	Dim Mode	40
Product Size(MM)	1316*536*65	
Net Weight(KG)	24	
Package Size(MM)	1451*636*160	
Gross Weight(KG)	27	
Height Advice(M)	10-12	
Distance Advice(M)	30-35	
Working Temperature(°C)	-20~65	
20" Container(PCS)	195	
40" HQ Container(PCS)	457	



GET IN TOUCH

4 Floor, B Block,
Hongshengrui Industrial Zone,
Jiazitang Town,
Guangming District, Shenzhen, China

+86-13006686213
86-755-23244541
86-755-23244540

www.solar-led-street-light.com
sales@solar-led-street-light.com