



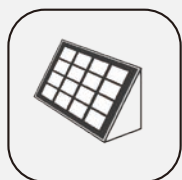
ALL IN ONE

► LRC20W

Solar Street Light



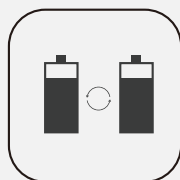
WAYS OF LIGHT
שירותים מקצועיים לענף החשמל והתאורה



Monocrystalline Solar Module



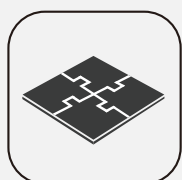
Efficient Controller



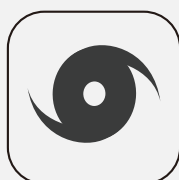
Battery system



CREE LED



All-in-One



Anti-Typhoon



PIR motion Sensor

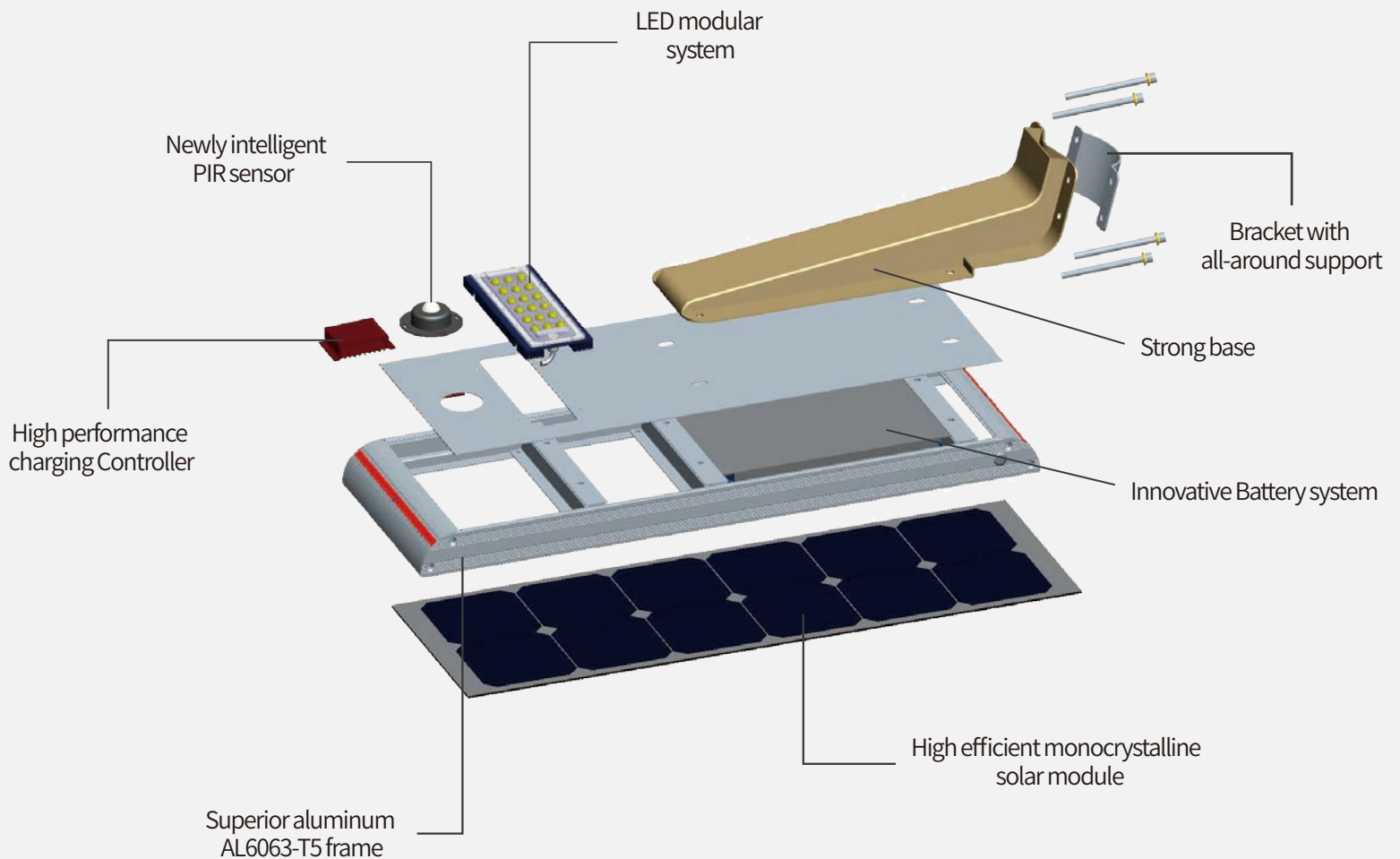


IP65



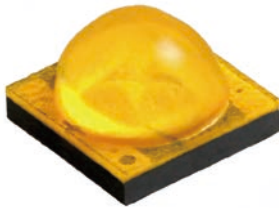
Patent Design, Globe First
LED Modular Thermal Design
Innovative Battery Protection System
Typhoon Resistant

Simple installation, easy maintenance.
Each part is imaginative,
all materials are carefully selected.
Protected against all weathers.



Our Advantages

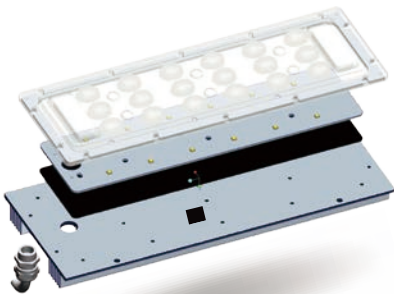
About LED



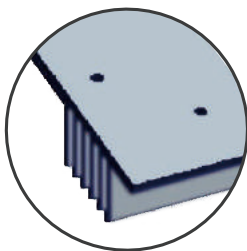
Cree® XLamp® XT-E LEDs

- ◆ CREE LED without gold wire packaging, creates a first-class light source
- ◆ 140Lm/W, 30% brighter than other similar products
- ◆ Longer working hours, 15% longer than other similar products

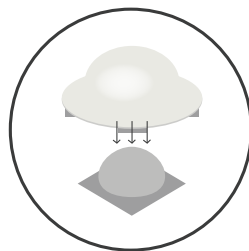
LED Modular System Design



- ◆ Rectangular beam design for road lighting, with bat wing light distribution
- ◆ The well optimized light distribution, made for a more uniform and wider lighting area.
- ◆ Lens with exhaust valve, prevent water vapor gathered & makes longer lifespan
- ◆ Original thermal system design, innovative heat sink with IP67 PG head



Innovative heat sink



Rectangular beam design

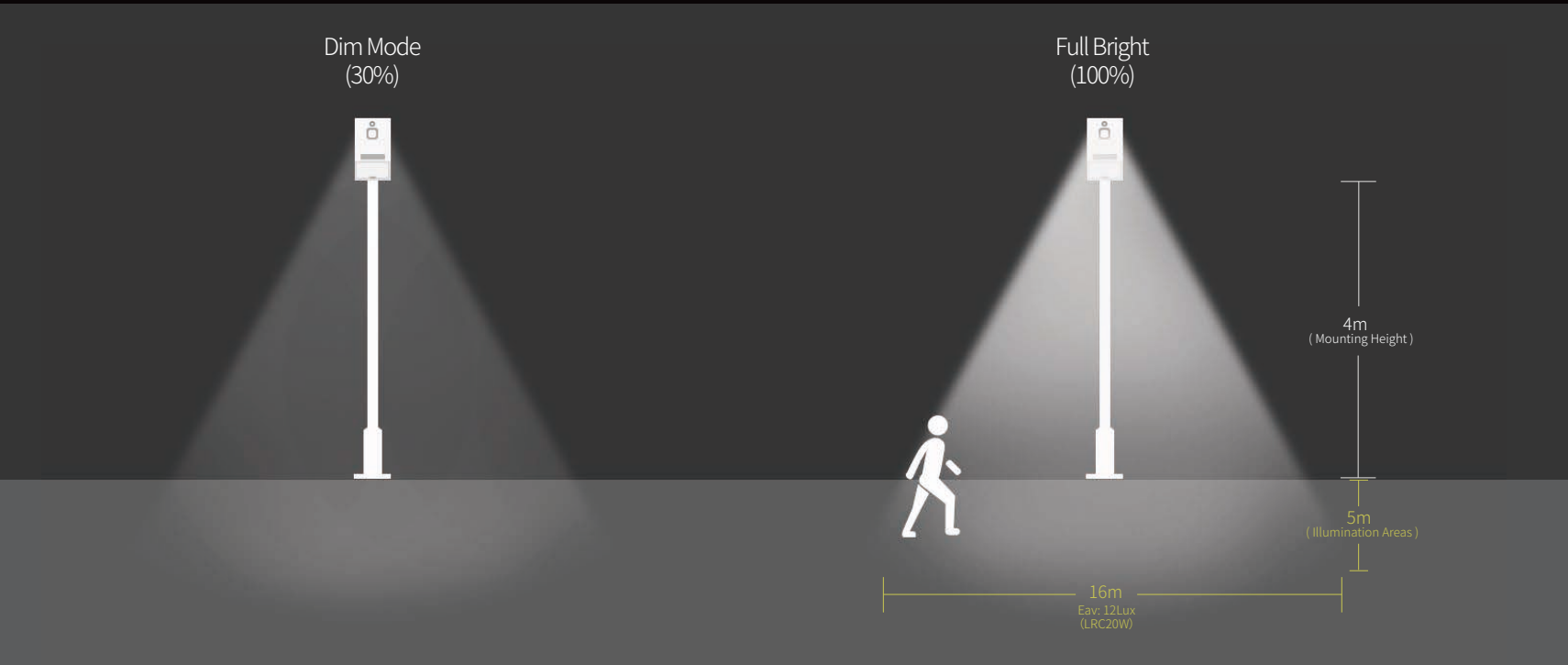
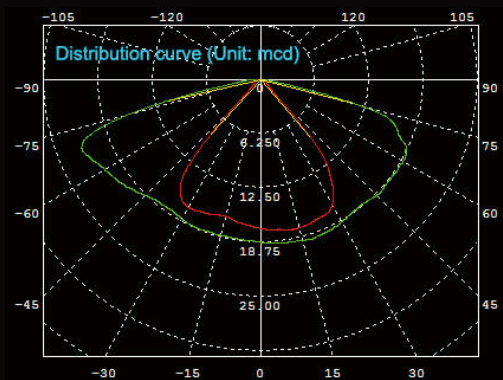


Advanced exhaust valve



IP67 PG head

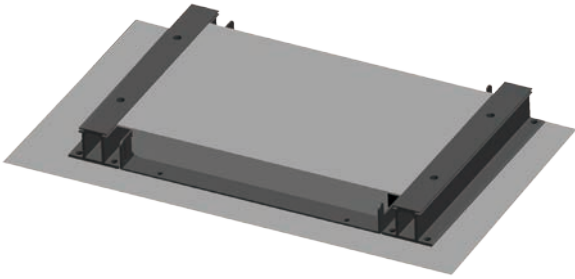
Bat wing light distribution curve



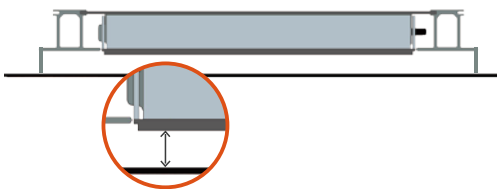
LRC series comes complete with built-in PIR sensor system
Regular automatically the light source from 100% full bright (when people move onto the lamp) to 30% dim mode (when people move away) for energy saving

Model No.		Lighting Data Table				
LRC20W	Mounting Height	3M	4M	5M	6M	Recommended Height
	Illumination Area	15.5*4.5=70 m ²	16*5=80 m ²	17*5.5=93.5 m ²	18*6=108 m ²	4~6M
	Eav (lx)	14Lux	12Lux	11Lux	9Lux	

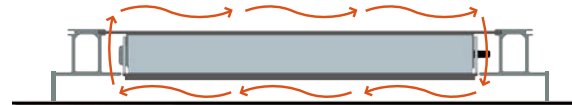
Innovative Battery Protection System



- ◆ Built-in LiFePO4 class A battery, single cell with PTC
- ◆ Superior IC with military standards in battery protection board
- ◆ Waterproof, damp proof, explosion proof
- ◆ Over charging & over discharging protection

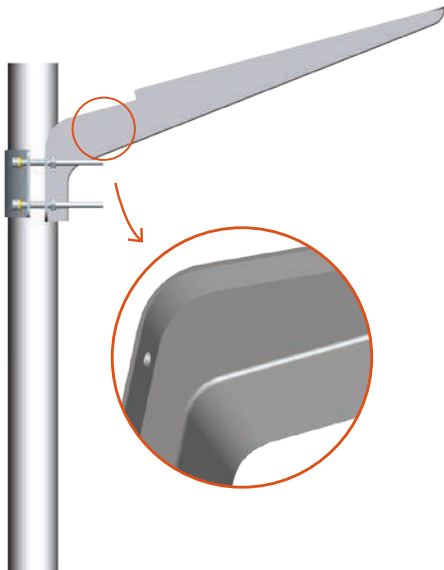


Original separate design with 5mm gap between battery and solar panel



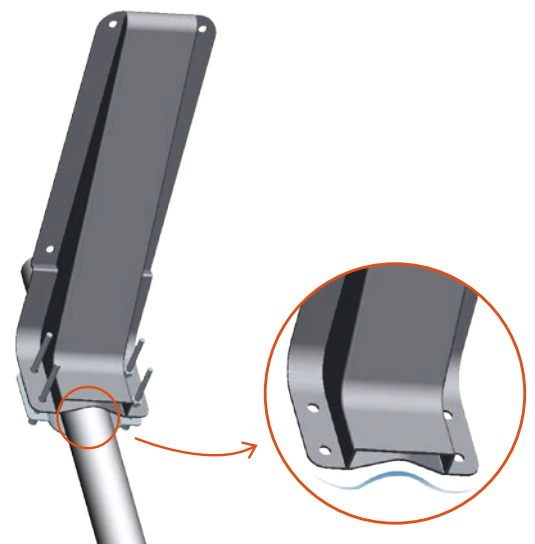
Air convection & thermal system design
More air flows and better heat dissipation

Anti-Typhoon design



Much Stronger

Sectional area is 50% larger than others for thicker materials



Much safer

Patent hooping design with multi-point contact areas, safety increased by 30%

Technical Data

LRC Series All in One Technical Data

* Packaging of 1 unit per carton

Model No.		LRC20W
Physical Parameters		
LED Brand		CREE
LED Qty		18
Power of PV Module (W)		40W
LIFEPO4 Battery Capacity (Ah)		18
PIR Sensor		√
Dimension of Product (mm)		908*281*56
Net Weight (kg)		13
Dimension of Carton (mm)		980*350*260
Gross Weight (kg)		14.5
Light Parameters		
Light Output (W)		20W
Typical Luminous Flux (Lm)		2800
Color Temperature (K)		2700-6500
Beam Angle (°)		150°x70°
Min. Working Time (Hours)	Full Bright	13
	Dim Mode	39
Environment Parameters		
Charging Temperature (°C)		0 °C to +60 °C
Discharging temperature (°C)		-20 °C to +60 °C
Storage temperature (°C)		-20 °C to +45 °C
Installation		
Recommended Dia. of Top Pole (mm)		60~105
Recommended Installation Height (m)		4~6
Recommended Installation Distance (m)		18~20

להזמנות ופרטים נוספים ניתן לפנות לחברת דרכי האור :

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WAYS OF LIGHT

שירותים מקצועיים לענף החשמל והתאורה