

EBM SERIES



ecatalogue

LKPP



PT TARANA BERJAYA MANDIRI

Jl. Pahlawan Seribu Blok RK No.13 Ruko BSD City Sektor VII,
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SNI ISO 9001:2015





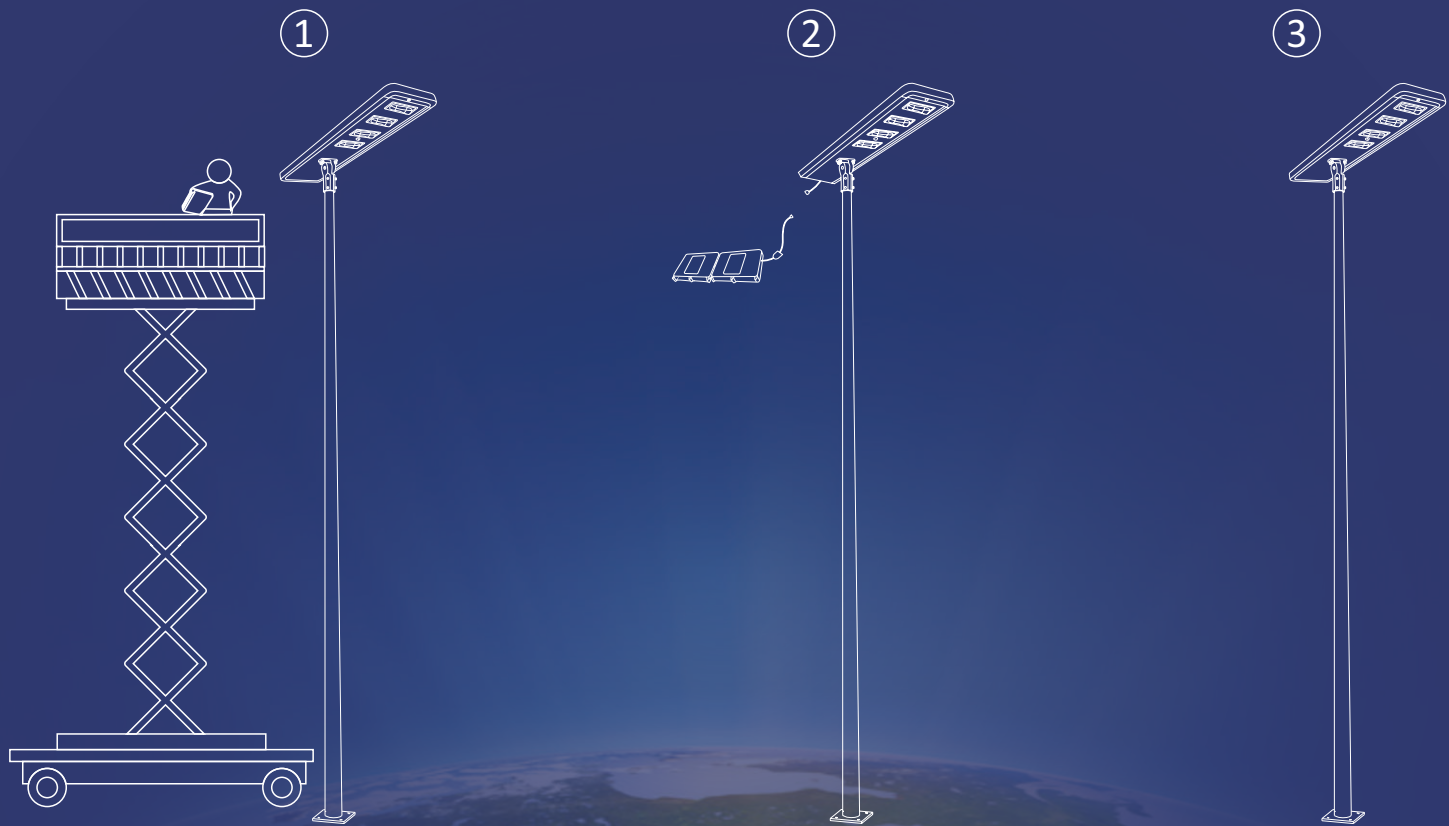
MAKE A DIFFERENCE

FROM THE INSIDE OUT

Redefine the design of all in one
solar street light

COMPACT DESIGN

battery pack built in the lamp body,
convenient to replace the battery



① Remove the 4 screws to open the rear cap, disconnecting cables, take out the old battery pack

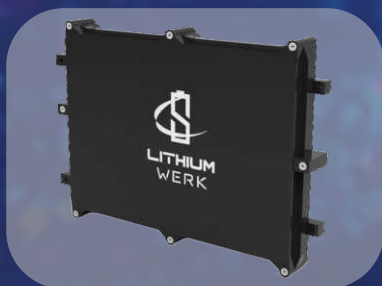
② Prepare the new battery pack

③ Connect cables and lock screws

The whole process take 4-5 mins only

EXTEND BATTERY LIFE

Grade A Lithium Battery pack with unique battery box, IP66 waterproof, high temperature resistance, no risk of explosion



Unique battery box and
Internal Battery
Pack Protection

EXCELLENT

SURFACE TREATMENT

Die cast aluminum + profile aluminum materials
Anti-corrosion



MULTIPLE INSTALLATION WAYS

satisfy different project demands



Post top

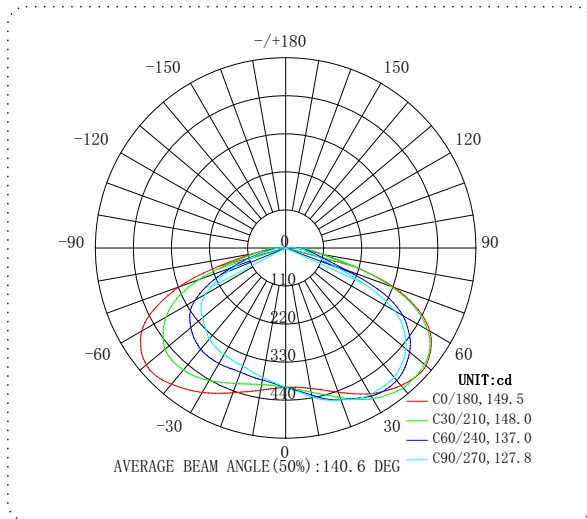


Entry side

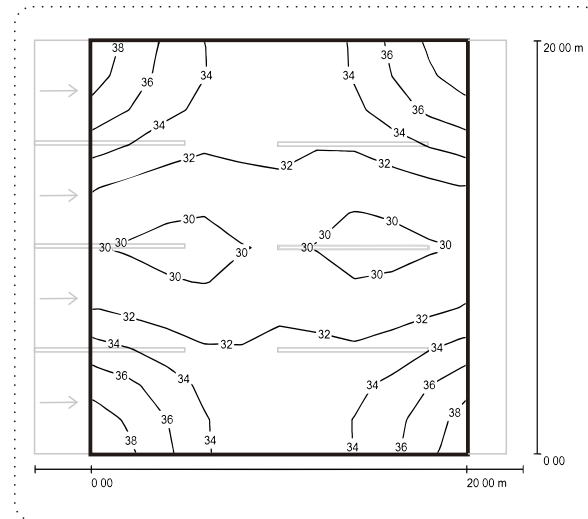


Professional light distribution for road lighting

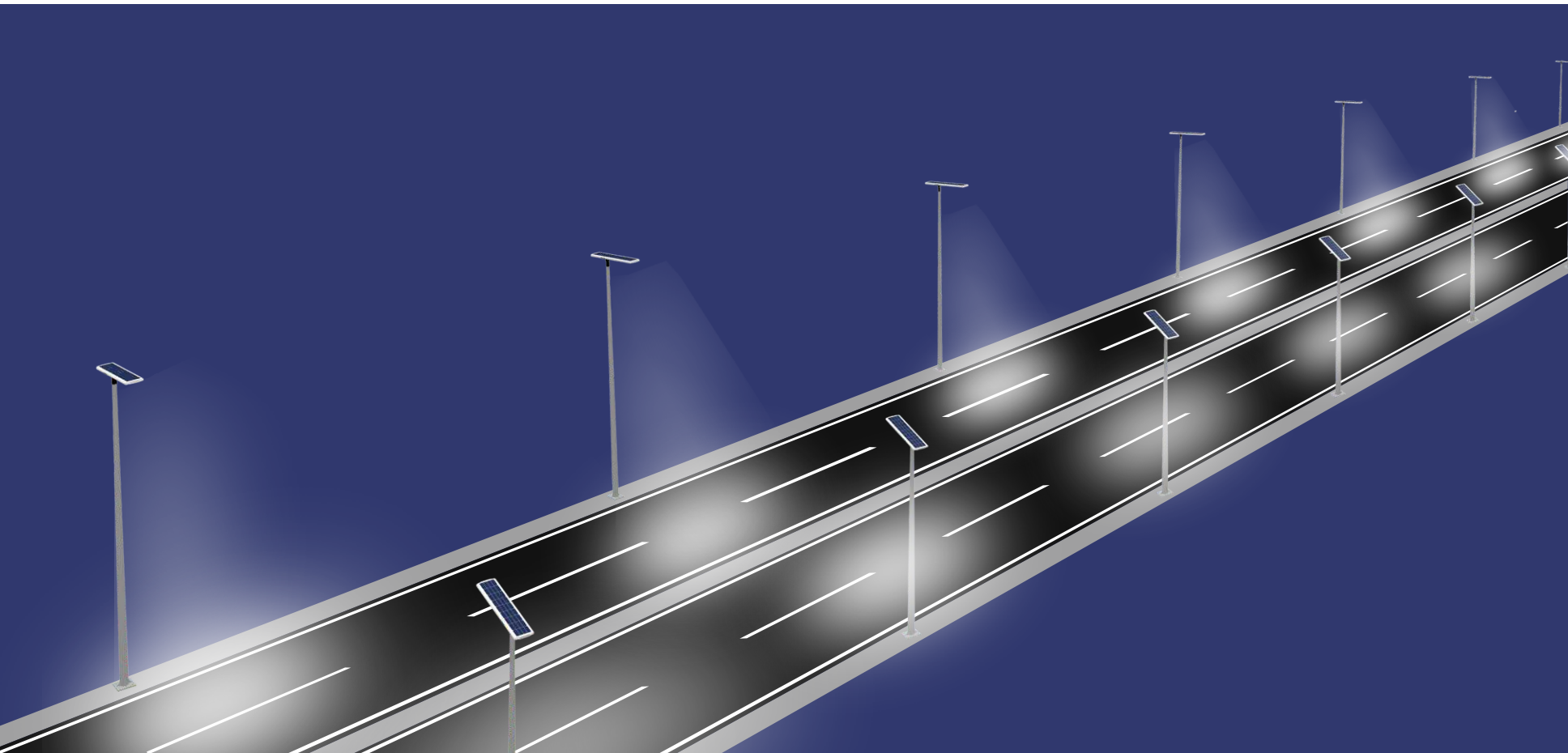
Large Light Distribution



Results overview

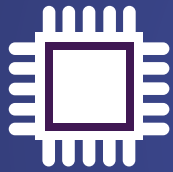


3D Rendering

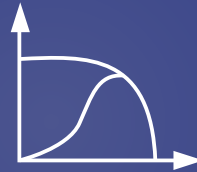


MPPT CONTROLLER INTEGRATED WITH EMS CORE TECHNOLOGY

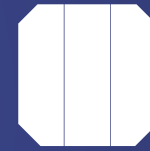
faster charging, make sure the stability of solar system, increasing the system working efficiency, decreasing the energy consumption.



Energy Management System 3.0



MPPT Charging Technology



Solar panel 21%



8 Years Lifetime





16 Grade Wind Proof

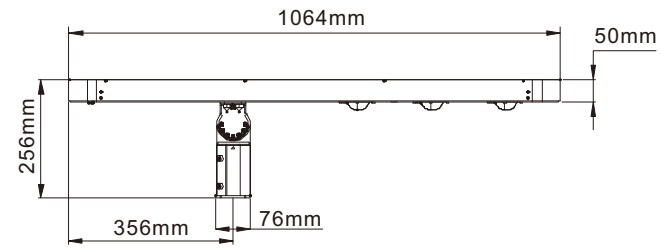
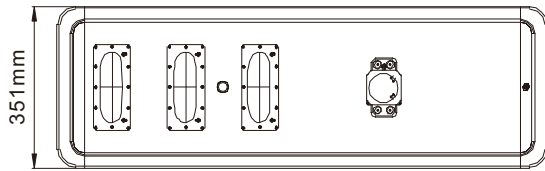


IP66

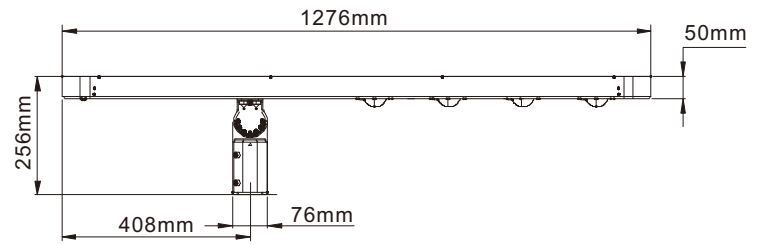
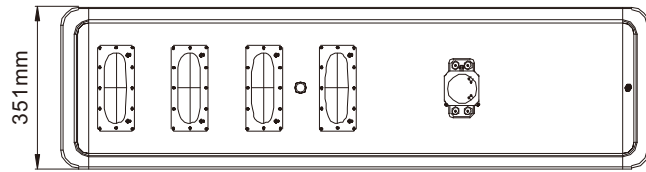
☉ SOLAR STREET LIGHT ☉ SPECIFICATIONS

Merk			
Model No	TBM-EBM-35	TBM-EBM-45	TBM-EBM-60
Solar panel	50W	56W	75W
Battery	388.5WH	444WH	583WH
Luminous flux	5400lm	7200lm	9400lm
Led chips			
Warranty	2 years		
Color temp	4000K-6500K		
Beam Angle	TYPE III		
Lamp Angle	157*60 degree		
PIR Sensor	Yes		
Standard Working Mode	First 3 hours full brightness, last 9 hours in PIR sensor mode (60% brightness with people, 30% brightness without people)		
Back up time	3 nights		
Working Temperature	-20°C to 60°C		
Charging Time	7-9hrs		
Required Pole Size	60 mm(top end)		
IP/IK Class	IP66 / IK08		
Installation Height	4-6m	6-8m	7-9m
Installation Distance	20m	25m	25m

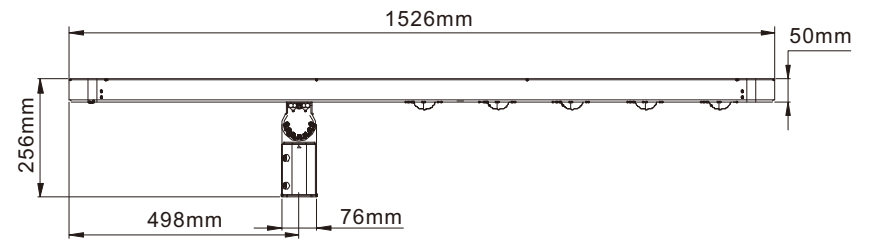
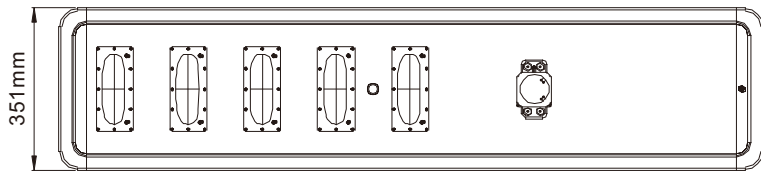
TBM-EBM-35



TBM-EBM-45



TBM-EBM-60



◎ SOLAR STREET LIGHT◎ INSTALLATION HEIGHT




TBM-EBM-35

TBM-EBM-45

TBM-EBM-60



PT Tarana Berjaya Mandiri

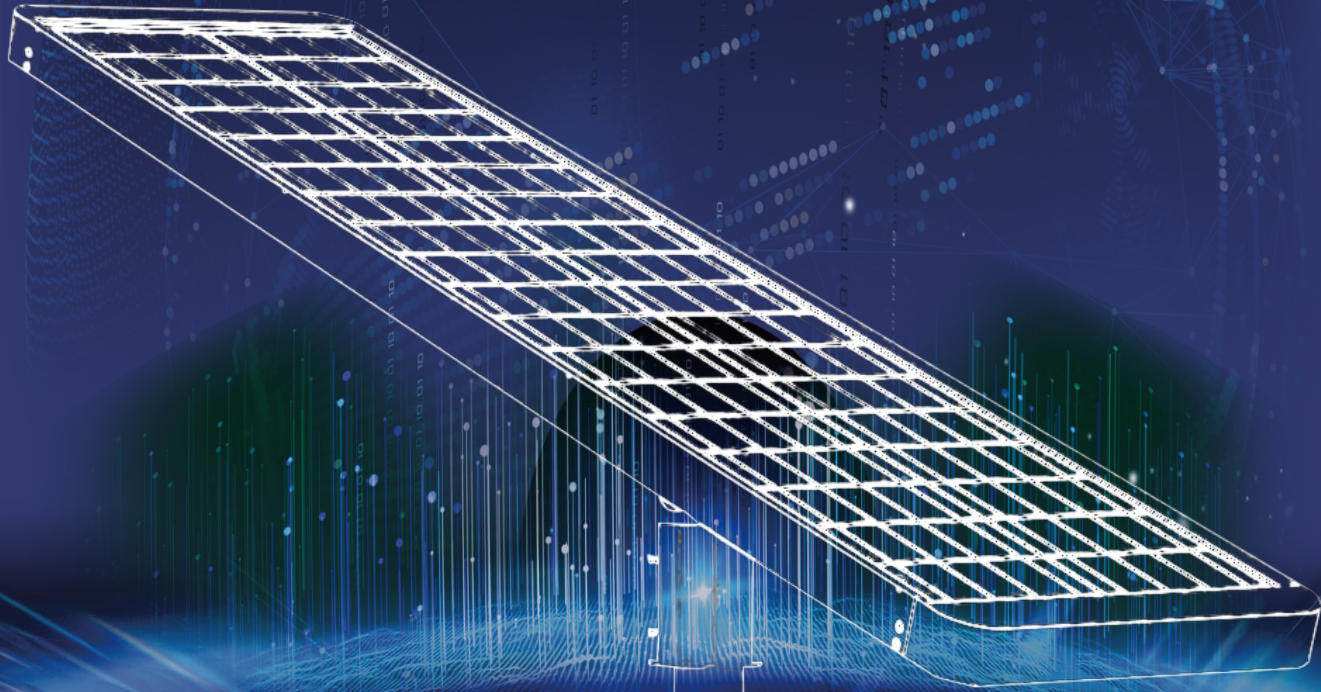
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**Professional provider
of solar street light and solutions**