



TECO



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 Hamriyah Free Zone Sharjah, UAE.

TECO 50W

LED SOLAR STREET LIGHT

- ❑ Heavy-Duty Aluminum Alloy – Provides strength and durability.
- ❑ Efficient Solar Panel – Enables fast charging and high efficiency.
- ❑ High Luminous Efficacy - More light output.
- ❑ Efficient Solar Panel – Fast charging with high efficiency.
- ❑ Consistent Performance & Quality - Delivers stable brightness.



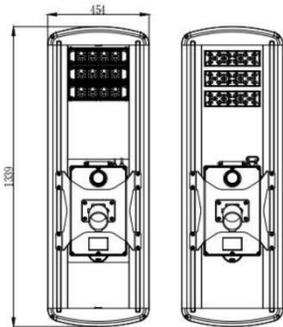
TECO-AN1-50

Technical		IK08	IP66	UGR <19	CRI >80
Light Source			SMD		-
Luminous Efficacy (subject to a tolerance of ±10%)			170		Lumen / Watt
Correlated Colour Temperature (CCT)			3000/4000/6500		Kelvin
Lifetime			50,000		Hours
McAdam Binning			3		Step
Housing					
Body			Aluminium		Die-cast
Lens / Diffuser			PC Lens		
Reflector			-		
Mounting			Pole		
Thermal					
Ambient Temperature (Ta)			-20 to 50		°Celsius
Storage Temperature (Ts)			-20 to 50		°Celsius
Humidity			10 to 90		RH(%)

ELECTRICAL CHARACTERISTICS

Solar Panel Power	100	Wp
Rated Power	50	Watts
Solar Panel Type	Mono Crystalline	
Battery	LifePO4	
Battery Rating	12.8V, 60Ah	
Recommended Pole Height	8 to 10	Mtr
Pole Diameter	57-63	mm

DIMENSIONAL DETAILS



All measurements are in mm

L/D	W	H	Arm Dia	Weight
1520	146	-	57-63	14Kg

PHOTOMETRIC DETAILS

Beam Angle	105.0°
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