

Solar LED Street Light

Model Code: THTLEWM4015CEB



§Technical Data

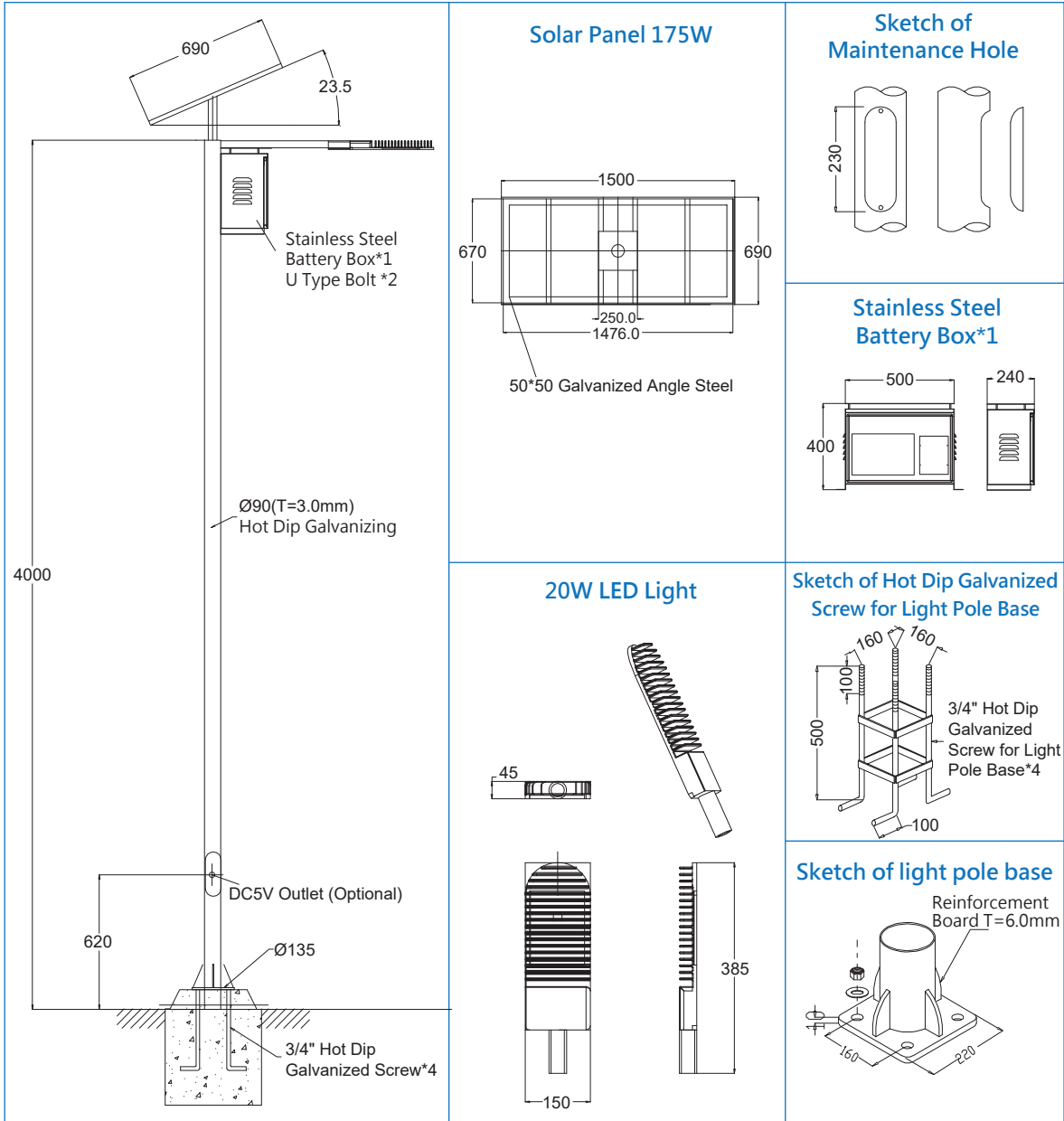
Light Housing	Die-casting Aluminum
Light Feature	Anti-corrosion sealing, Finned heat dissipation, Die-casting Aluminum and Hot Dip Galvanizing.
Light Pole	Hot Dip Galvanized Steel Pole
LED	<ul style="list-style-type: none"> •Light Source: COB •Wattage: 20W •Color Temperature: 5500K±10% (Cool White) •Lumen: 120lm/w
Solar Panel	Monocrystalline Silicon Solar Cells(Conversion efficiency > 18% ; 175W, 18V, 8.3A)
Battery	Deep Cycle Gel Battery 12V 50 Ah (CNS6038 Batter Explosion-proof test passed)
Working Way	Time scheduled, 1- 9 hours LED illumination time / 5 special schedule setting Controllers are with 15V overcharge and 10.5V over-discharge protection.
Working Time	4 hours full sunlight(100,000 lux) can fully charge the battery and provide 3 consecutive nights usage.
Lux	37.2 lux (Measured at height of 5M)
Waterproof Rating	IP68 (In accordance with CNS14165 testing standard)
Operation Temp.	-40°C~ +80°C (Outdoor)
Optional	<ul style="list-style-type: none"> •Working way: Light sensor, Auto ON/OFF, Light ON at 250 lux. The light will be automatically turn on according to the brightness of the environment, and the working condition is adjustable. •USB DC 5V 1.2A, Power outlet*2, can charge mobile phone.



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Components & Sizes

(All in mm)



Solar System Wiring

