

# SLEH217-15W



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# SLEH217-15W



Advanced intelligent solar street light  
no wiring .... no electricity!

## Technology Parameters :

**Solar Panel :** 15w 5.5v Poly, 17% efficiency ,Lifetime: +15years

**Battery :** Lithium Battery 3.7V/26.4AH , Lifetime: 1000cycle times  
Charging time:6-8hrs (1000w/m<sup>2</sup>)

**Light Source :** Lumen LEDs 40pcs, 12w 1200LM ,equivalent to 100w filament  
Lamp; Direct shoot road .Color Temperature : 6000-6500K

**Contoller:** Timer Control+Light Contol+PIR motion sensor  
Anti-over discharge ,anti-over charge , anti-short current  
Protect Level: IP65

**Recommended Lamp pole diameter:** 60mm /2.36"

**Work Temperature:** -20°C-65°C

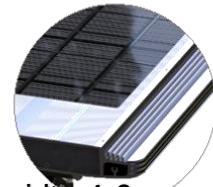
**Height :** 4-5Meters

**Recommended distance between the 2 lamp pole :** 14-16m, width:4-6m

**Working time :** Light control automatic. Key light keep 80% brightness at first  
3hrs , then 100% PIR until next dawn . Keep working 3-5 nights after fully  
charged .

**Product Material:** Aluminum Alloy+Tempered Glass +PC

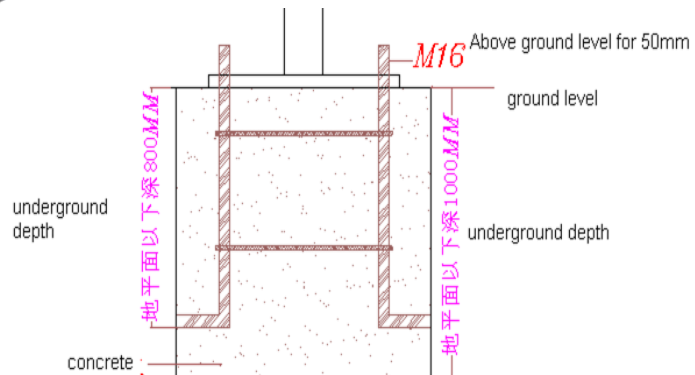
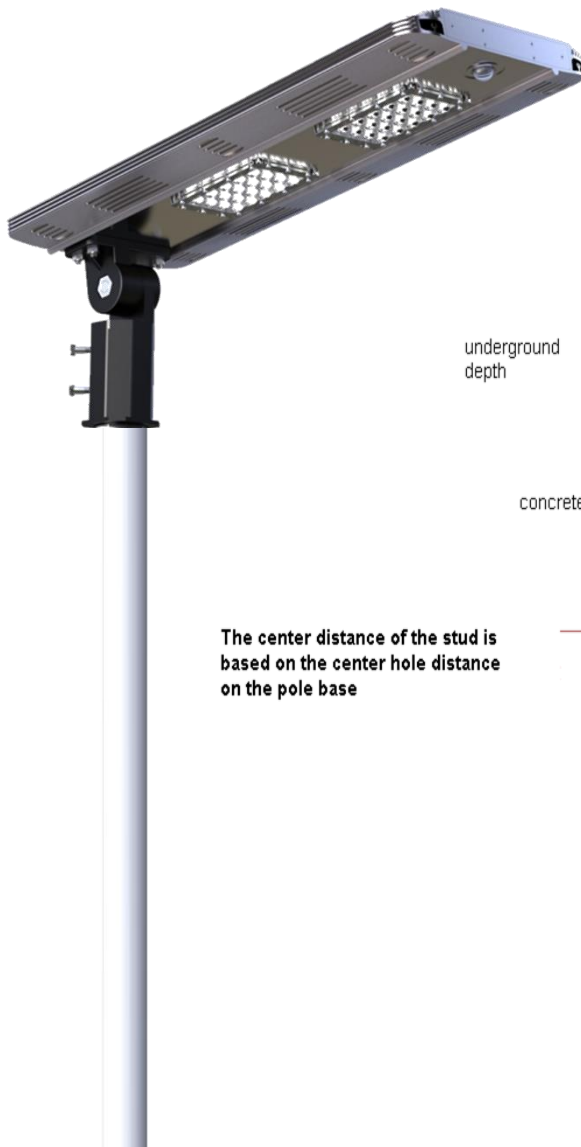
**Products Size :** 276MM\*690MM



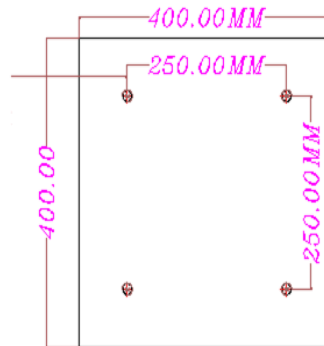
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## MODERN DESIGN INTEGRATED SOLAR LED STREET LIGHT

### Recommended Ground Bamboo Cage Spec.



The center distance of the stud is based on the center hole distance on the pole base



5-8M Installation Height Ground bamboo cage Sepc.  
The diagram only for reference , final base on the actual geological environment and requirements



*No Wiring .... No electricity!*

modern design integrated solar led street light

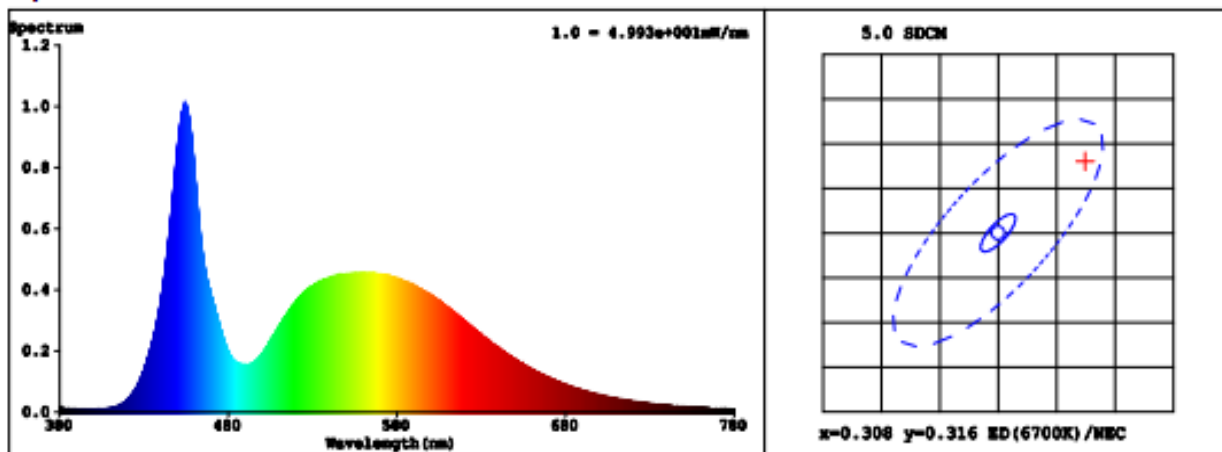
## Multitasking Corporation test report

|               |            |             |                       |
|---------------|------------|-------------|-----------------------|
| Sample        | :          | Date        | : 2016-12-01 14:57:37 |
| Specification | : LIGHT    | Sam. Status | :                     |
| Sample No.    | : N-00009  | Instrument  | : HaasSuite(EVERFINE) |
| Manufacturer  | : EVERFINE | Test by     | : DAMIN               |
|               |            | Assessor    | : damin               |

### Test Condition

|             |               |             |               |
|-------------|---------------|-------------|---------------|
| Temperature | : 25.3Deg     | RH          | : 65.0%       |
| WL Range    | : 380nm-780nm | IP          | : 51791 (79%) |
| Test Mode   | : Fast Test   | T           | : 347 ms      |
|             |               | Sensitivity | : High        |

### Spectrum



Spectral Distribution

CIE1931 Chromaticity Diagram

### Colorimetric Parameters

Chromaticity Coordinate:  $x = 0.3154$   $y = 0.3240$  /  $u' = 0.2016$   $v' = 0.4660$  ( $duv = -7.85e-04$ )

CCT= 6390K    Prcp WL:  $\lambda_d = 484.7\text{nm}$     Purity=6.8%

Peak WL:  $\lambda_p = 454\text{nm}$  FWHM: =21.6nm    Ratio: R=13.4% G=81.6% B=5.0%

Render Index:  $R_a = 79.5$

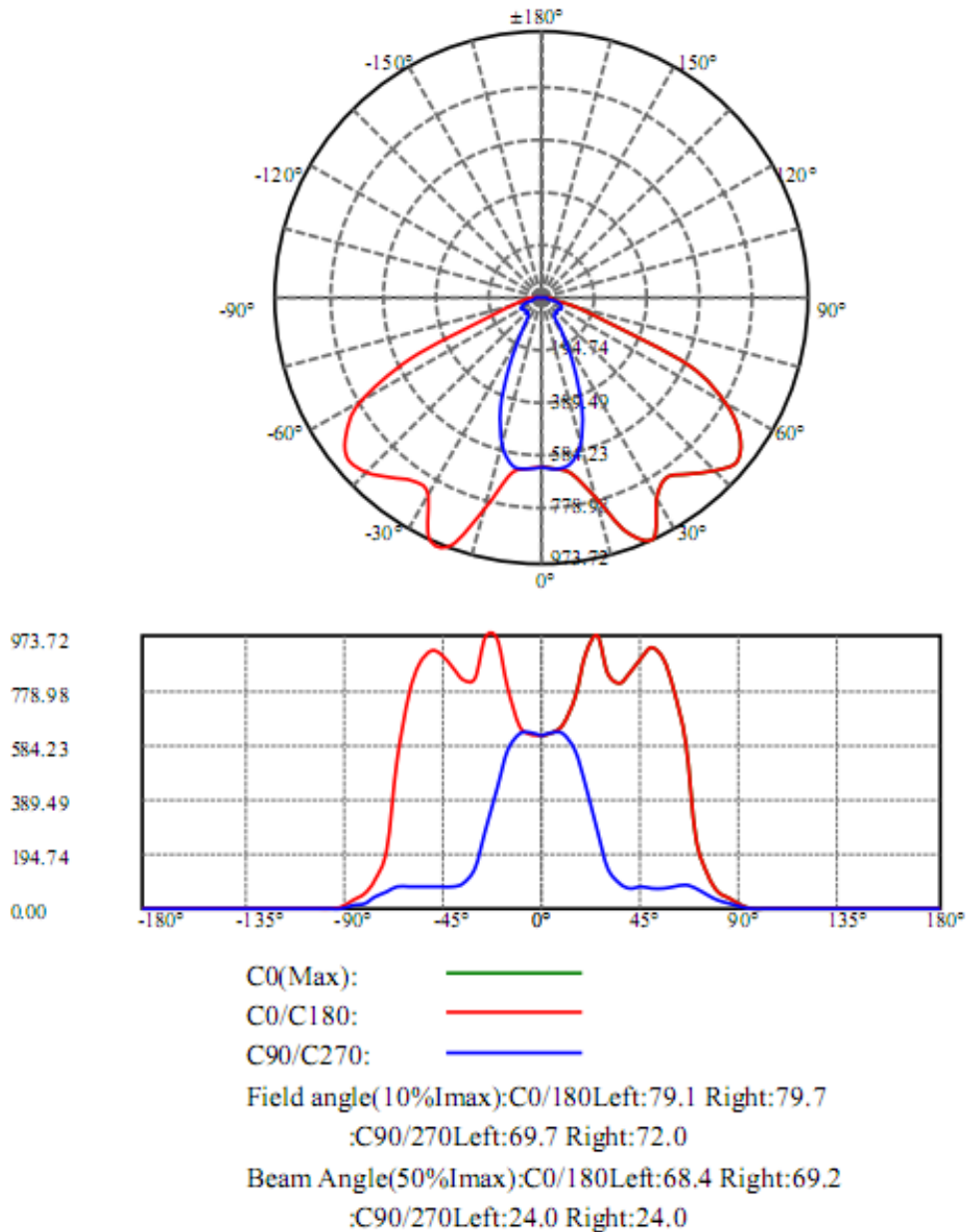
|         |         |          |          |          |          |                      |
|---------|---------|----------|----------|----------|----------|----------------------|
| R1 = 78 | R2 = 85 | R3 = 85  | R4 = 78  | R5 = 78  | R6 = 76  | R7 = 87              |
| R8 = 68 | R9 = 3  | R10 = 60 | R11 = 74 | R12 = 48 | R13 = 80 | R14 = 91    R15 = 76 |



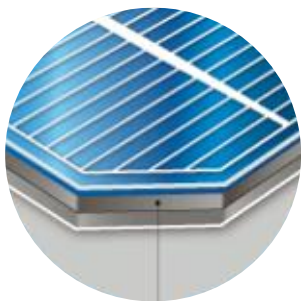
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**Modern design integrated solar led street light**

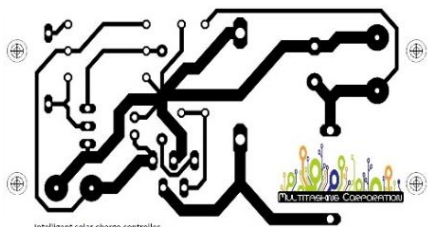
## Light Distribution Curve



## Quality Certification Multitasking Corporation test report



Multitask Solar Panel



Intelligent Solar controller



SensLights LED Chip



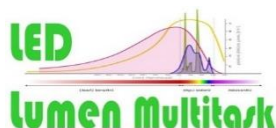
Energy saving rating



Green Energy Products



Green & Eco Friendly Products



LED chip bright and Lumen testing Quality Standard



No Wiring No electricity!



Solar Powered Products

