Specification for Road Lamp

AZARTEYF Co.

L-C380-120W

WWW.AZARTEYF.COM

I. Production Pictures

IP68
IP68 Module

Integrated
Radiator

AZARTEYF
LED LIGHTING LTD.
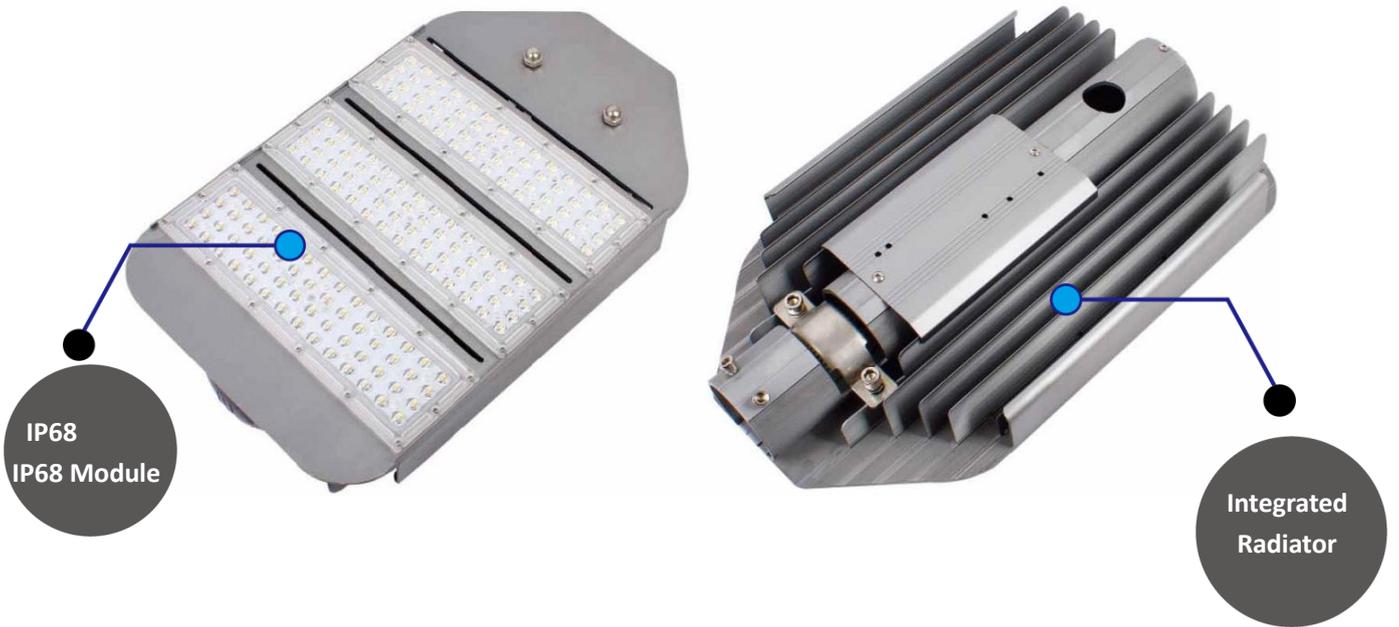
II. Production Size

490

82.00

282.00
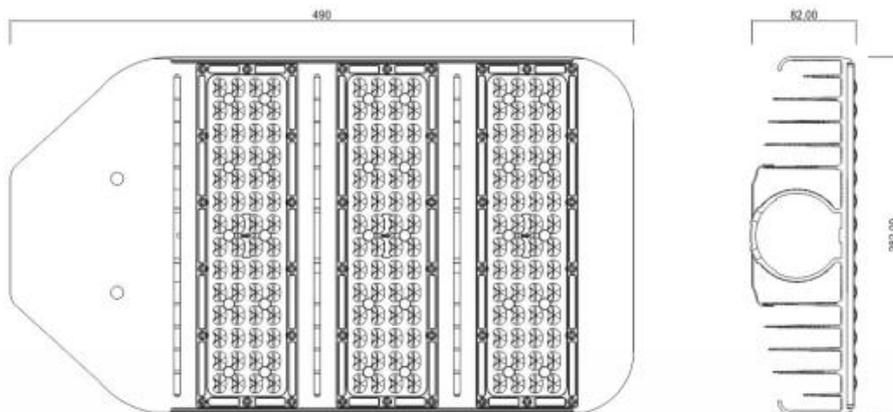
(Unit: mm ： mm)

III.Production Parameters

Power Supply	
the voltage of input	AC100-240V
the frequency of power	50~60Hz
rated power	120W
power factor	＞0.9
total harmonic distortion	＜10%
the efficiency of power	＞90%

LED Light Source	
encapsulation type	3030
the amount of LED LED	3*42
the amount of module	3 pcs
light Effect for Whole Light	110 Lm/W
luminous	13200Lm
CRI	Ra > 70
relevant CCT	3000K - 6000K
average beam angle	150°*65°

The Environment and Reliability	
working temperature	-35 ℃ ~ 50 ℃
working humidity	10 % ~ 90 % RH
storage temperature	-35 ℃ ~ 60 ℃
service life of lamp	50,000 h
material for lamp	aluminum alloy
IP protection level IP	IP66
the protection level of mechanical collision	IK10

Size and Wight	
size of lamp	490x282x82mm
net weight	5.0 kg
package size	505x305x120mm
gross weight	6.5 kg

IV.Production Lighting Diagram
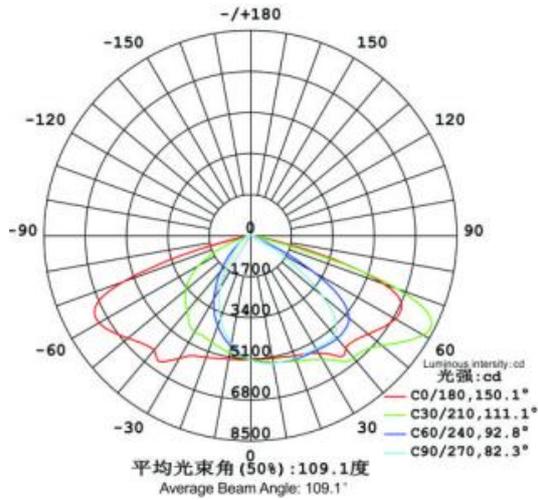
Light intensity distribution curve for circular conical surface with maximal light intensity
最大光强处圆锥面光强分布曲线
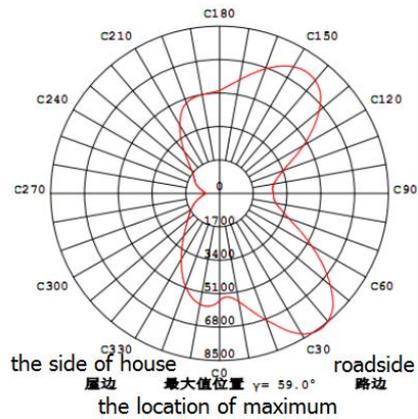
V. Road Simulation Diagram

Road1/evaluation area road1/ isolux diagram (illuminance)   Unit:Lux , Scale: 1:258
道路1 / 评估区域 道路 1 / 等照度图(照度)   单位为Lux, 比例 1 : 258
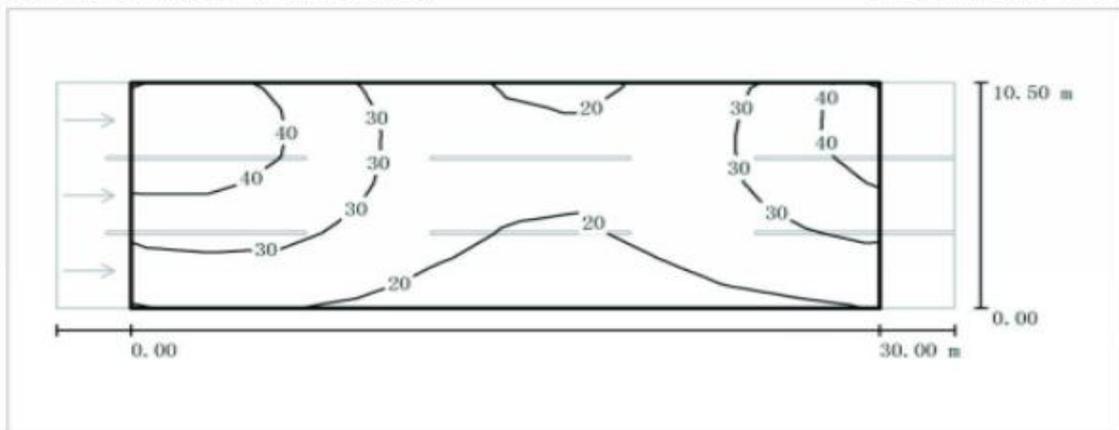
网格: 10 x 6 点 Gridding :10 x 6 points

| 平均照度 [lx]
28
Average illuminance
28 | 最小照度 [lx]
15
Mix illuminance
15 | 最大照度 [lx]
49
Max illuminance
49 | 最小照度 / 平均照度
0.547
Mix / average illuminance
0.547 | 最小照度 / 最大照度
0.313
Mix/average illuminance
0.313 |

VI.Installation Specification

## 1. Installation Schematic Diagram

接线原理图
Connection Diagram
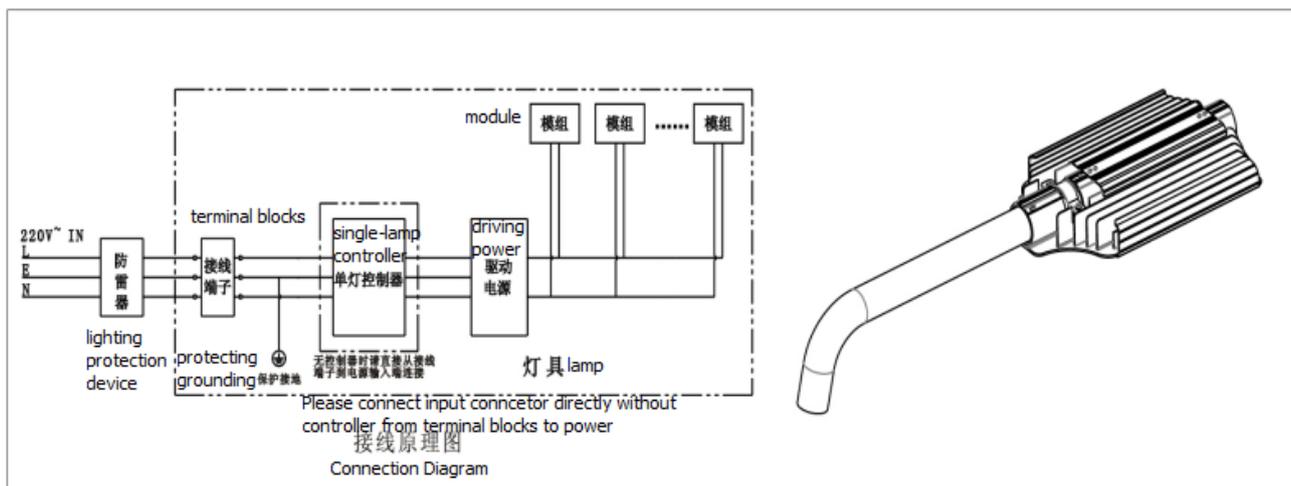
Notes: we offer choices for these configurations , including single-lamp controller , terminal blocks   and lightning protection device

。

①Loosen the fixed screw of lamp
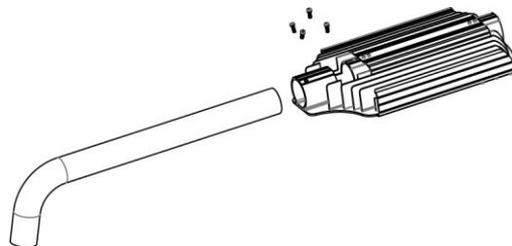
②Connect input line with the wire inside of lamp bar correspondingly, then seal with electrical tape and waterproof tape firmly.
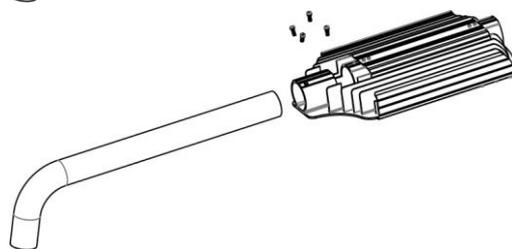
③Put lamp into the bar and adjust the direction, last step is tightening the screw .
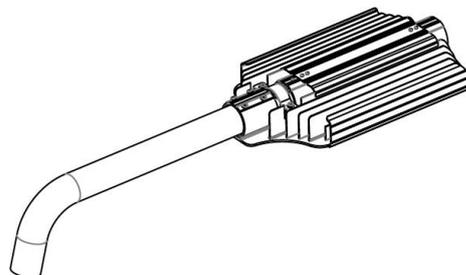
2. Remarks

2.1 Electrify products after finishing all installation , especially ensure if the ground line has connected correctly ;

2.2 Please don't cover lamp with anything ;

2.3 Please don't use this kind of product in closed environment ;

2.4 It must be professional technician to maintain lamp , and non-professional people can't remove the lamp ;

2.5 Please note that we won't notice you again for changes of products' specification

VII. Package Size

(Unit: mm 单位：mm)

AZARTEYF
LED LIGHTING LTD.