

LED Street Light

Model: Roadstar 100

1. Applications: outdoor use

2. Mechanical specification:

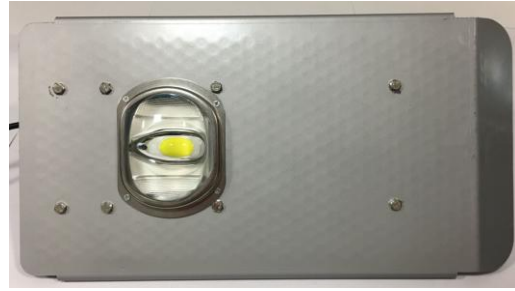
Housing: heat sink /Aluminum, cover/glass

Outline Dim: 529*240*149mm

Net Weight: about 3.0kg

Surface temperature: <math><70^{\circ}\text{C}</math> (@ $T_a=25^{\circ}\text{C}</math>)$

IP code: IP65



3.Environment Specification:

Operation Temp: $-40\sim+45^{\circ}\text{C}$

Humidity range: 20% ~ 90%

4.Electric Specification:

Input Voltage: 90-277Vac 50/60 Hz

LED Type: COB

PF: $>0.95@ 230\text{V}/50\text{Hz}$

Power Consumption: 100W

5. Optical performance:

Color Temp: $5000\text{K}\pm 300\text{K}$

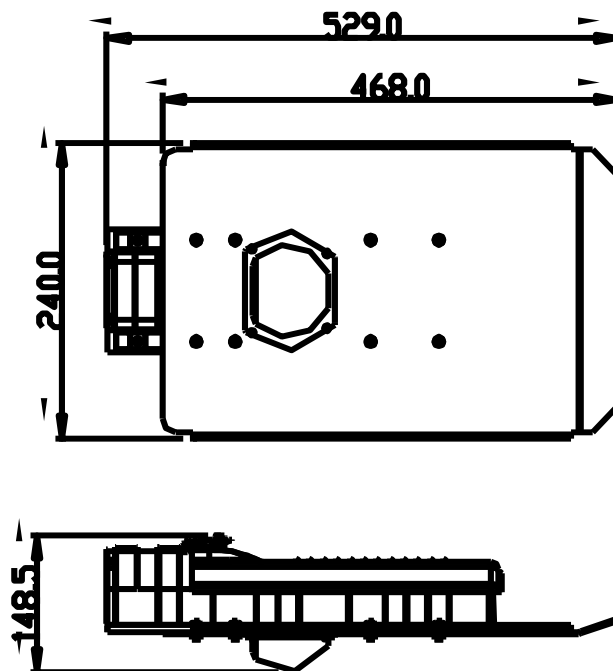
Beam Angle: $150^{\circ}\times 60^{\circ}$ spread light 20°

CRI: >70

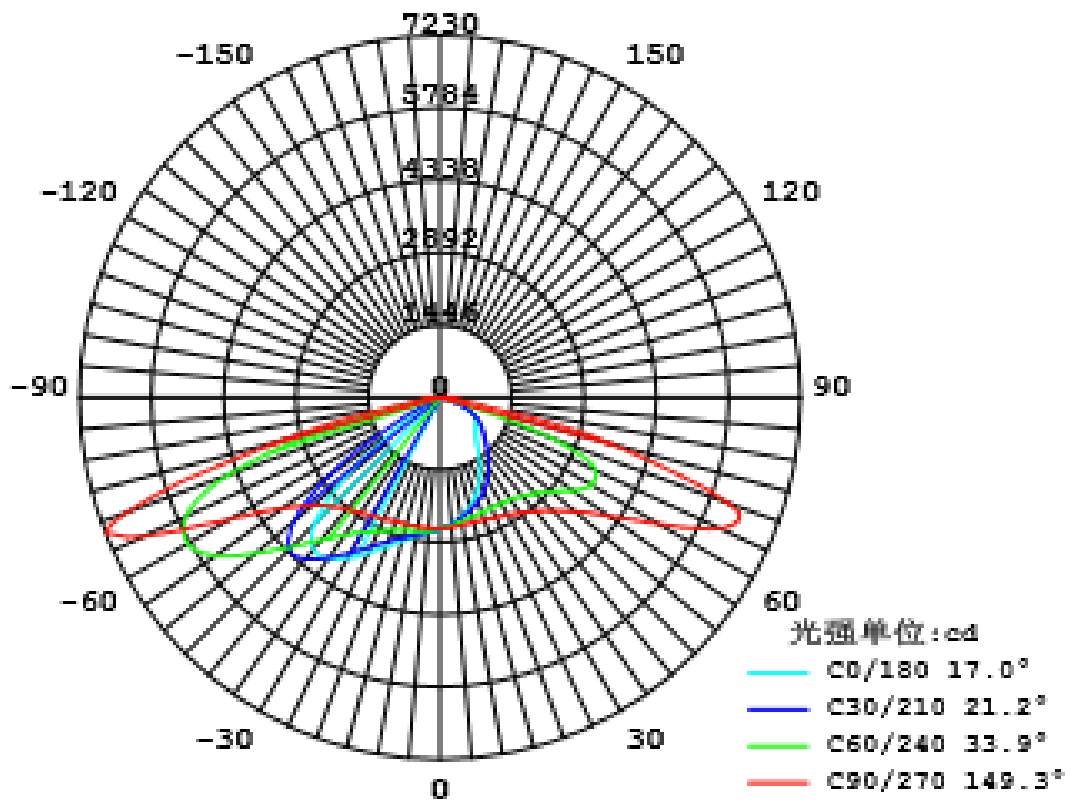
Lighting Output Lumens (type): $11000\text{lm}@230\text{V } 5000\text{K}$

6. Average life time: 30,000 hours in min.

7. Dimension:



8. Test



平均光束角 (50%) : 55.4度