

LED Street Light Specification

158 Series



Description

Power :20-240W

158 series street light Adopt professional anti-glare lens:

PC lens angle T2M.

0/1-10V dimming, time control, light sensing, IoT control and other functions are optional.

Horizontal position er for easy installation.

Patented private mold, integrated die-cast aluminum shell.

High light efficiency, light intensity up to 200lm/w.

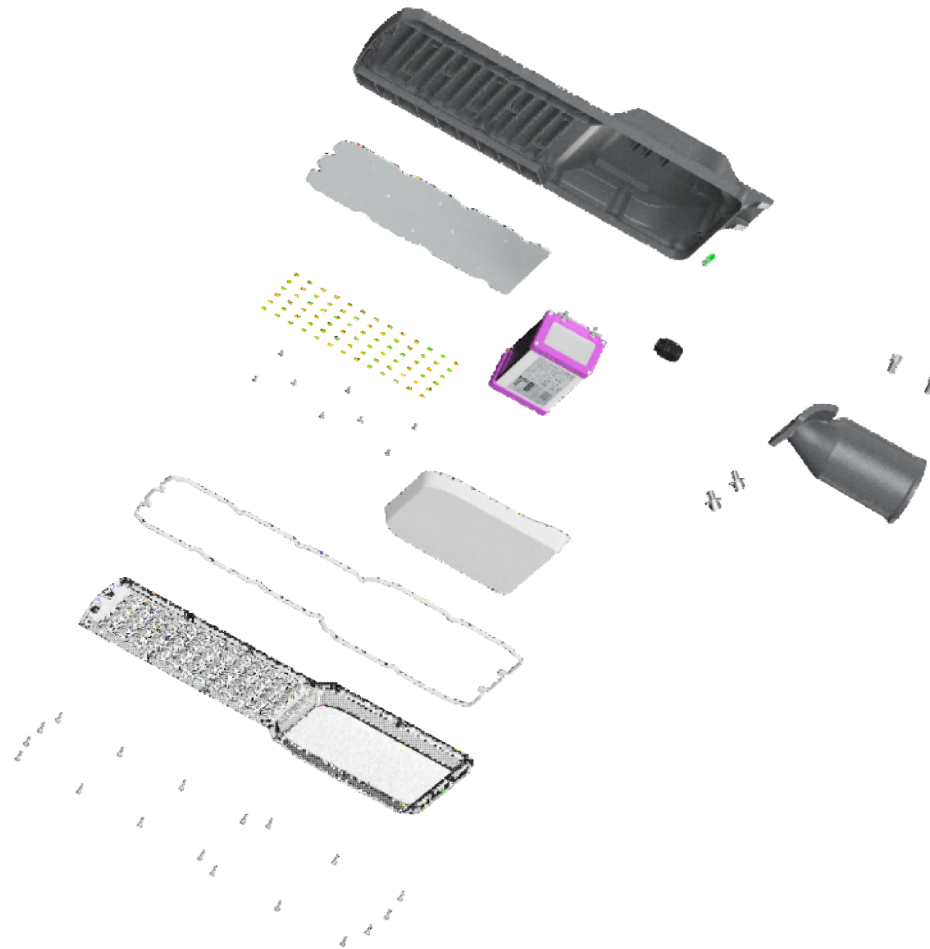
The protection level reaches IP66/IK09.



Data sheet:

Model	158				
Power	20 - 30W	40-50W	60-100W	120-150W	200~240W
Dimension	382X160X75mm	476X175X75mm	557X221X75mm	651X241X75mm	751X276X75mm
Luminous Flux±5%	200lm/w				
LED Source	84PCS SMD3030	160PCS SMD3030	312PCS SMD3030	480PCS SMD3030	672PCS SMD3030
Input Voltage	AC100-277V				
Frequency Range	50~60Hz				
Total Harmonic Distortion	<20% (Typical : 10%)				
Color Temperature	2700K-6500K				
Color Rendering Index	CRI>70/80				
IP&IK Rating	IP66&IK09				
Beam Angle	T2M				
Housing Color	Gray				
Working Life	(L80B10)100,000 hours				
Control	Photocell,0/1-10V,dimming range,PLC,Lora,Nema,DALI				
Class of insulation	Class I				
Warranty	5~7 years				
Working temperature	-40°C~+50°C, 20%~90% RH				
Storage temperature	-40°C~+85°C, 10%~90% RH				
Body & Shade Material	Die-casting Aluminum housing & lens				

EXPLODED VIEW



High Efficacy LED Source

158 series LED Street Light with Lumileds SMD PCBs, providing excellent lumen output, long-lasting & stable.

The efficiency of 3030 chips is 230 lm/w, low light decay

2.High-end LED Driver

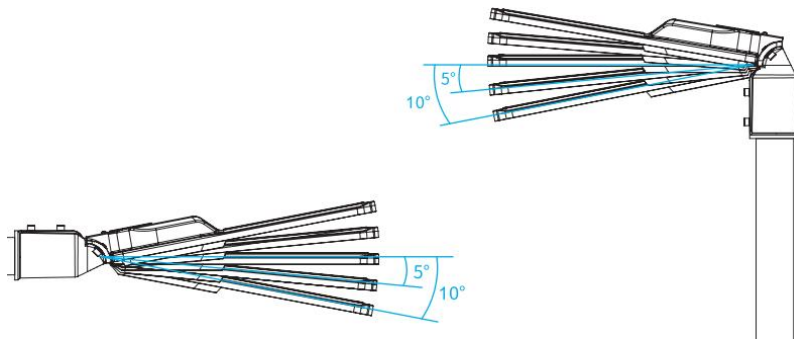
High-end constant current Flicker free LED driver ,Optimal stability performance and lifespan.

3.Die-cast aluminum

Adoption of integral die-cast aluminium process,precises forming technology, Large heat dissipation area,good heating conductivity.

4. Multiple Installation

Vertical and horizontal installation both available. The installation angle can be adjusted 0-90 degrees.



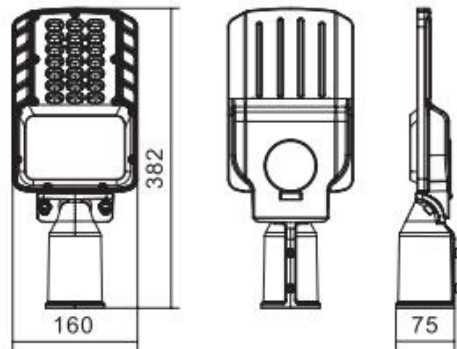
5. Most advanced technology:3pins/5pins/7pins/Zhaga version Nema socket

Compatible with Smart control systems such as LORA/ZIGBEE/PLC.

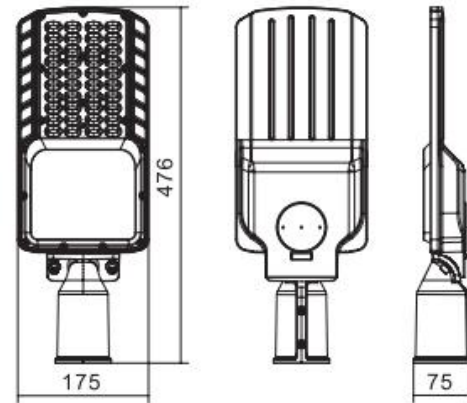
With more function: Dim, on/off, GPS, time control, check & adjust lamps working status

Dimension (unit:mm)

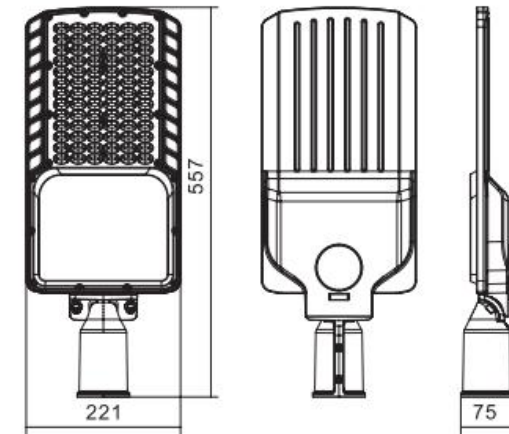
20 - 30W



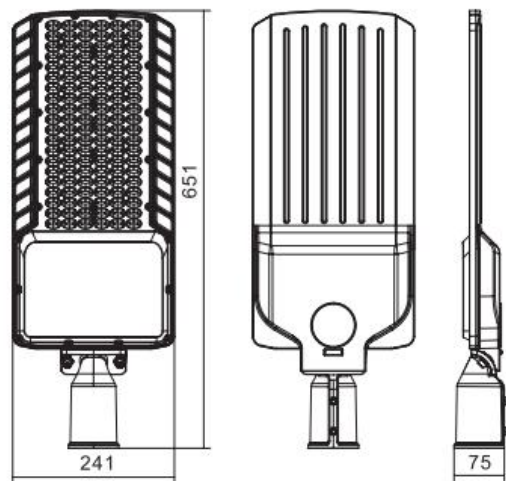
40~50W



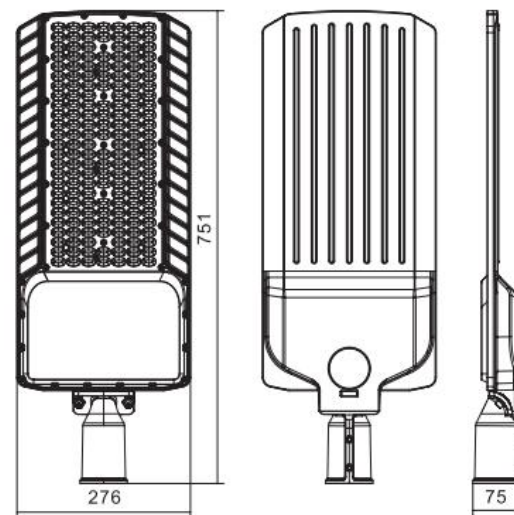
60~100W



120~150W



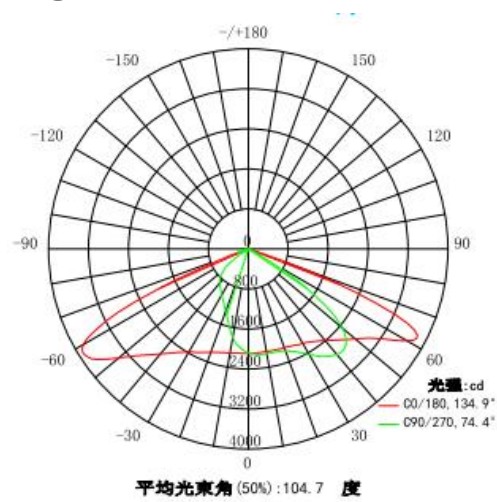
200~240W



Design Images



Light Distribution



Packaging:

Item Model	Carton size(cm)	G.W(KG)	QTY
SFST158-20 - 30W	43X20.5X12	1.50	1 PCS
SFST158-40~50W	52X22X12	2.00	1 PCS
SFST158-60~100W	60X26.5X12	2.50	1 PCS
SFST158-120~150W	69.5X28.5X12	3.50	1 PCS
SFST158-200~240W	79.5X32X12	4.00	1 PCS