

## LED Street Light

LSL **84**

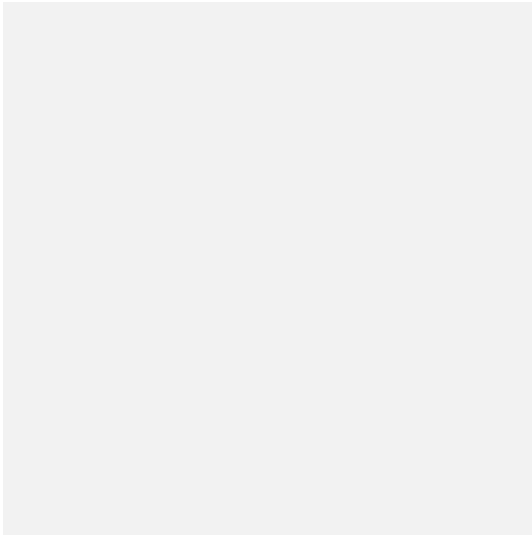


CE ErP

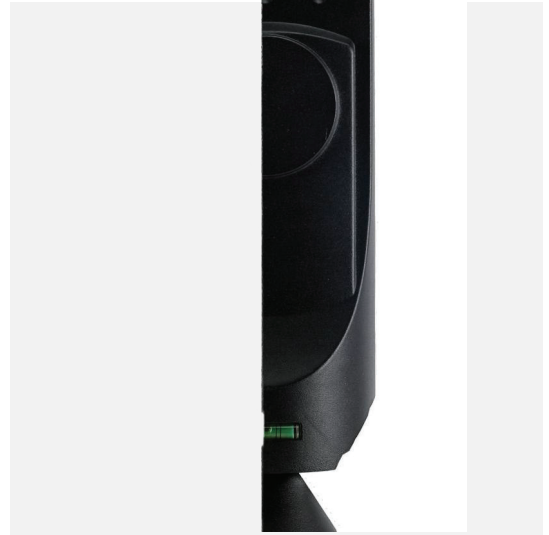
### Advantages

- Efficiency:170Lm/W
- Both pole-top installation and wall installation are available.
- Extra 10KV surge protector can be integrated.
- Motion sensor can be integrated optionally.

This model not only fits built-in light sensors, NEMA bases and Zhaga bases, but also all external controllers, external light sensors and motion sensors.



**Power**



**Back Details**



**Display**



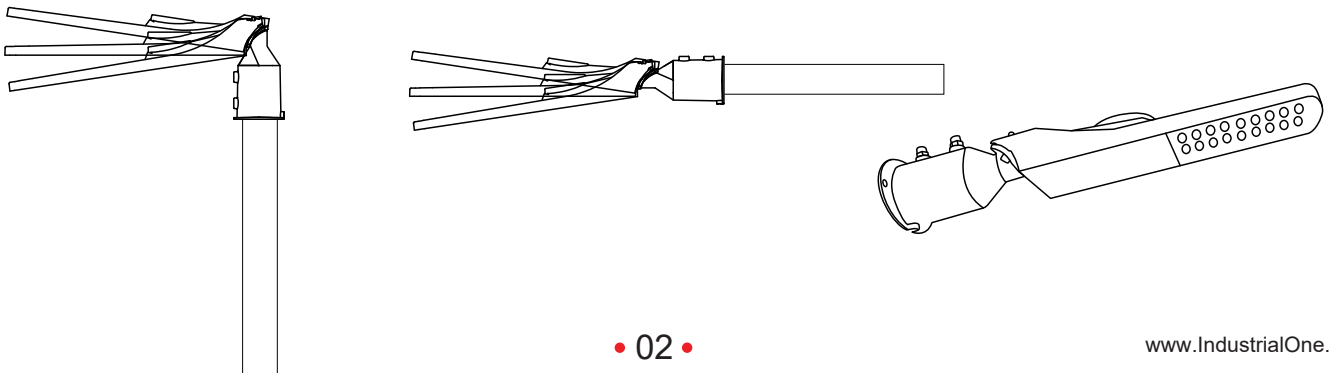
**Lens**

### Installation Diagram

It can be installed horizontally and vertically as shown in the picture. Wide adjustable angles: from  $-10^{\circ}$  to  $+5^{\circ}$ .

1. Install the lamp to the pole and tighten the screws.
2. Loosen the connecting rod converter screws and adjust the angles.
3. Tighten the connecting rod converter screws.

1. Insert the lamp into the half round end of the converter and tighten the screws.
2. Fix the other end to the wall.
3. Put 4 screws into the corresponding screw holes.



LED Chip Brand	Lumileds   Cree   Epistar plus
LED Chip Type	SMD2835   SMD3030   SMD5050
Luminous Efficacy	170LM/W
Color Rendering Index (RA)	> 70   80   90
Color Temperature	2700K-6500K
Beam Angle	150°*80°
Number Of Leds	A:72 Pcs   B:144 Pcs   C:216 Pcs   D:288Pcs
Life Time	50000 Hours

## Electrical Parameters

Power A	50W
Power B	100W
Power C	150W
Power D	200W
Voltage	AC100-277V
Frequency	50/60Hz
Electrical Security Class	Class I   Class II
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP65
IK Grade	IK08
SPD	10KV   20KV (Optional)

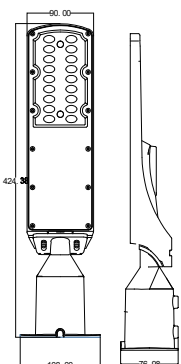
## Driver

Brand	DOB   Non-Isolated
Power Factor	>0.90
Performance	> 90%
THD	< 15%

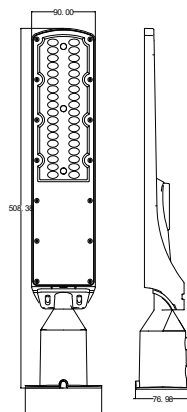
## Materials and Properties

Material Of Shell	Aluminum (ADC12) + PC
Material Of Lens	PC
Color Of Shell	RAL 9002   RAL7040 etc (customized by customer)
Pole diameter (mm)	60
Size A (mm)	425*108*77
Size B (mm)	509*108*77
Size C (mm)	594*108*77
Size D (mm)	681*108*77

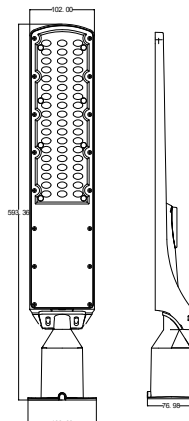
A. Size A



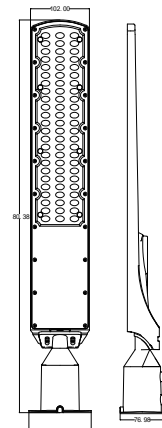
B. Size B



C. Size C



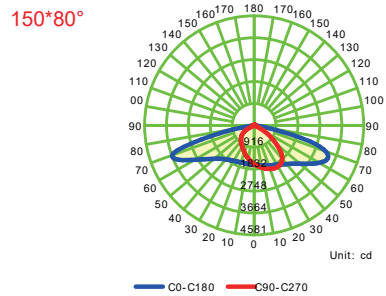
D. Size D



## Tested according to

CE-LVD	EN 60598-2-3:2003 + A1:2011 EN IEC 60598-1:2021 EN 62471:2008 EN 62493:2015
CE-EMC	EN 55015:2013+A1:2015 EN 61547:2009 EN IEC 61000-3-2:2019 EN 61000-3-3:2013+A1:2019
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 IEC62321-4:2013/AMD1:2017 IEC62321-5:2013, IEC62321-6:2015 IEC62321-7-1:2015, IEC62321-7-2:2017 IEC62321-8:2017

## Typical Photometric Features



## Mounting Height

