



2022

SPECIFICATION

L36 LED Street Light



Main Features

- High pressure die-cast aluminum alloy housing from 30W to 250W.
- Substantial friction resistant powder spraying process surface treatment.
- Adopt multi-chips package 5050 LEDs. Stable performance, single unit's damage won't affect others' normal work.
- Optical lens design. Type I, II-M, III, III-S, III-M, III-L, IV-S, V optional. Uniform lighting distribution apply to different lighting projects.
- Excellent operating temperature $-40\sim 50^{\circ}\text{C}$.
- $\pm 15^{\circ}$ adjustable bracket applicable different mounting arm.
- With excellent housing design reach IP66/IK09 rating.
- Buckle design realize tool-free maintenance.
- Automatic cut-off design.
- PIR, Motion Sensor, Dimming & smart controlling system available.
- Long service life over 50,000 hours, 5 years warranty.

Parameters

Electric Data

Model	LY-L36-30	LY-L36-50	LY-L36-60	LY-L36-70	LY-L36-80	LY-L36-90	LY-L36-100	LY-L36-120	LY-L36-150	LY-L36-180	LY-L36-200	LY-L36-220	LY-L36-250
Power	30W	50W	60W	70W	80W	90W	100W	120W	150W	180W	200W	220W	250W
Power Efficiency	88%-93%												
Power Factor	>0.95												
Power Supply	MOSO/SOSEN/INVENTRONICS												
Working Voltage	AC90-305V 50/60Hz												

Photometric Specifications

LEDs	5050 LED												
Ra	>70												
Luminous Efficiency	150-160lm/w												
LEDs Qty	24pcs	36pcs	36pcs	36pcs	48pcs	54pcs	54pcs	72pcs	72pcs	120pcs	120pcs	144pcs	144pcs
Luminous Flux(±5%)	4800lm	8000lm	9600lm	11200lm	12800lm	14400lm	16000lm	19200lm	24000lm	28800lm	32000lm	35200lm	38750lm
CCT	3000K/4000K/5000K/6000K												
Beam angle	TYPE I,II-M,III,III-S,III-M,III-L,IV-S,V												

Mechanical Specifications

Inclination Angle	Horizontal/Vertical -15~15°												
IP/IK Rate	IP66/IK09												
Lifespan	>50,000 Hours												
Lamp Pole	40-60mm												
Housing Material	ADC#12												
N.W.(KG)	3.5	3.5	3.7	3.7	5.4	5.5	5.5	5.8	5.8	7.1	7.1	7.1	7.1
Light size (mm)	560x209x128				615x259x128				665x309x128				
Working Temperature	-40°C~50°C, 20%~90% RH												
Storage Temperature	-45°C~55°C, 10%~90% RH												
Housing Color	<input type="checkbox"/> Light Grey(RAL9006)				<input type="checkbox"/> Dark Grey								
2PCS/CTN	610x210x235mm(30W-70W)				720x290x235mm(80W-150W)				840x370x235mm(180W-250W)				



External Design Features

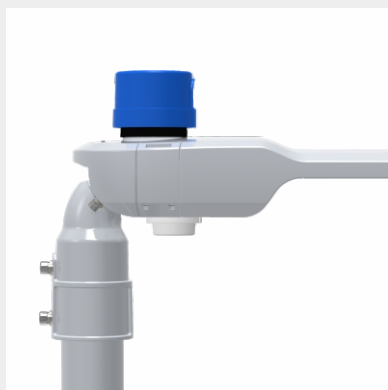


Product Details



LED Chip

Use customized LED from TOP 5 LED chip manufacturer, delivering high luminous efficiency up to 230lm/w.



Controlling Device

PIR, Motion Sensor, ZHAGA, NEMA socket available.



Internal Maintenance

Entirely tool-free maintenance design, replace the driver & SPD by hands easily.



Buckle Design



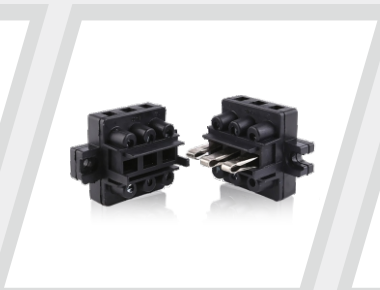
Breather



Glass cover plate



Dual lightning protection Driver
10KV+SPD
10KV/20KV



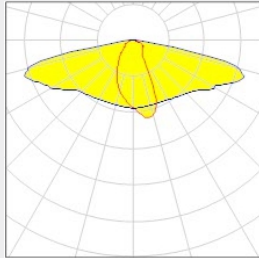
Automatic disconnection of the power supply



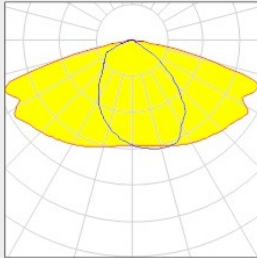
IK09 rate design high-impact tempered glass.

Distribution Curve

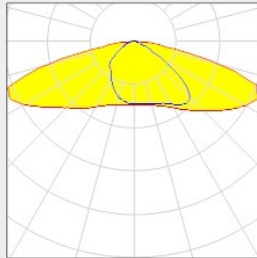
TYPE I



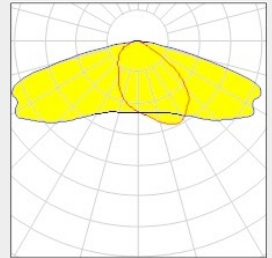
TYPE II-M 0255



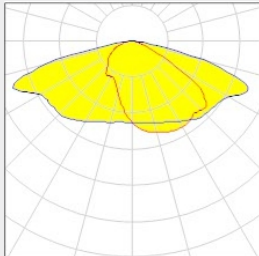
TYPE III 0276



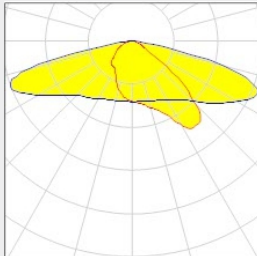
TYPE III-S 0324



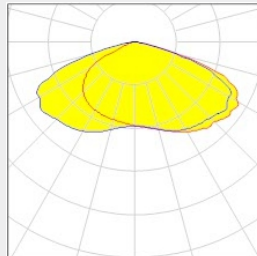
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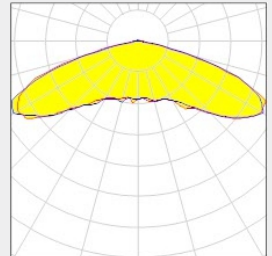
TYPE III-L 0314



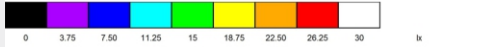
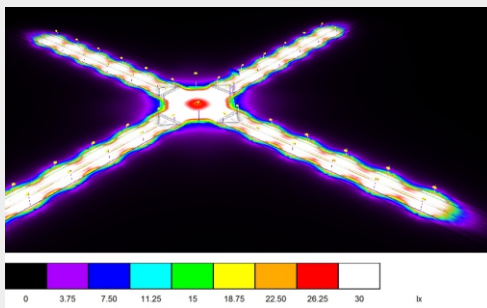
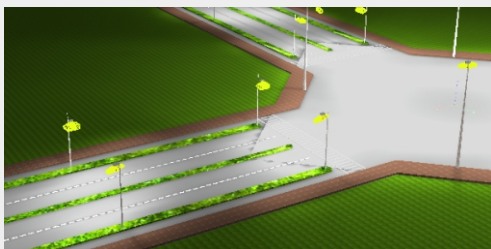
TYPE IV-S 0260



TYPE V

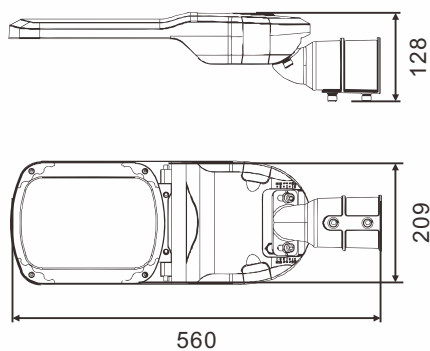


Dialux

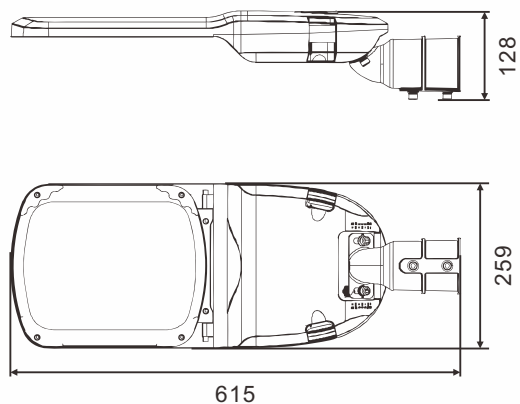


Dimension(mm)

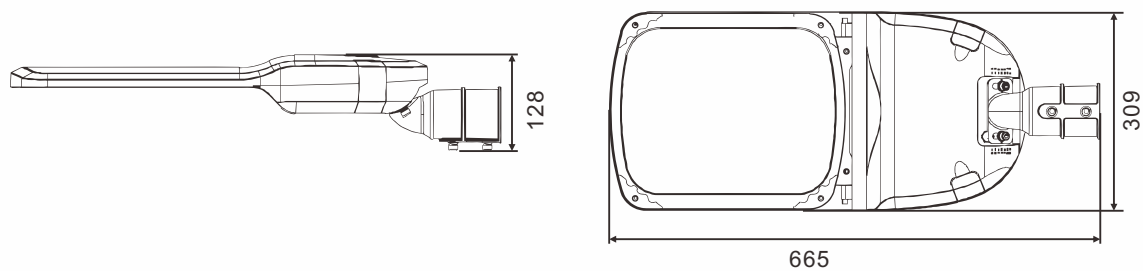
30W-70W



80W-150W

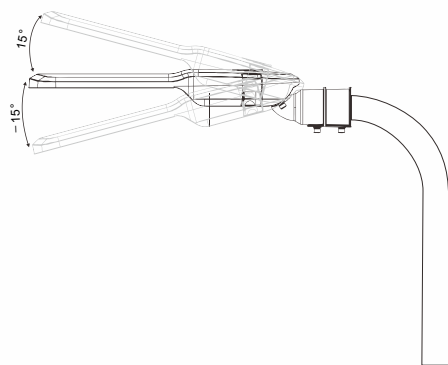


160W-250W



Installation

Horizontal installation



Vertical installation

