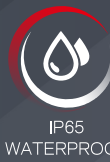# HC08 MODEL
LED Street Light

3 YEARS WARRANTY

IP65 WATERPROOF

LONG LASTING

HIGH BRIGHTNESS

PRODUCT INFORMATION

The LED street light beam replaces traditional normal street lights, saving 80% on energy costs. Ideal for large areas like construction sites and billboards, it's IP65 and IK08 rated, making it waterproof, dustproof, and vandal-proof. The integrated LED lasts 50,000 hours, reducing replacement and maintenance costs. Flicker-free and efficient at 120 lumens per watt, it ensures excellent value and a short payback period.

· Replace halogen lamps with street light luminaires (up to 800W)

· Die-cast aluminum housing with impactresistant acrylic lens

· Optimized weight and size due to compact design

· Very homogenous light

· PC lenses enhance efficiency with excellent light transmission.

TECHNICAL INFORMATION

Colour temperature: 2700-6500K

CCT: Single CCT

Volts: 100-265VAC

Mains frequency: 50/60 Hz

CRI: 80+

Efficacy: 120lm/W

Beam angle: 75*140°

Warranty: 3 Years warranty

LED chip: SMD 3030

Mounting method: Wall mounted / Light pole

Temperature range: -10° C to 65° C

IP rating: IP65

LED tests: LM79/LM80
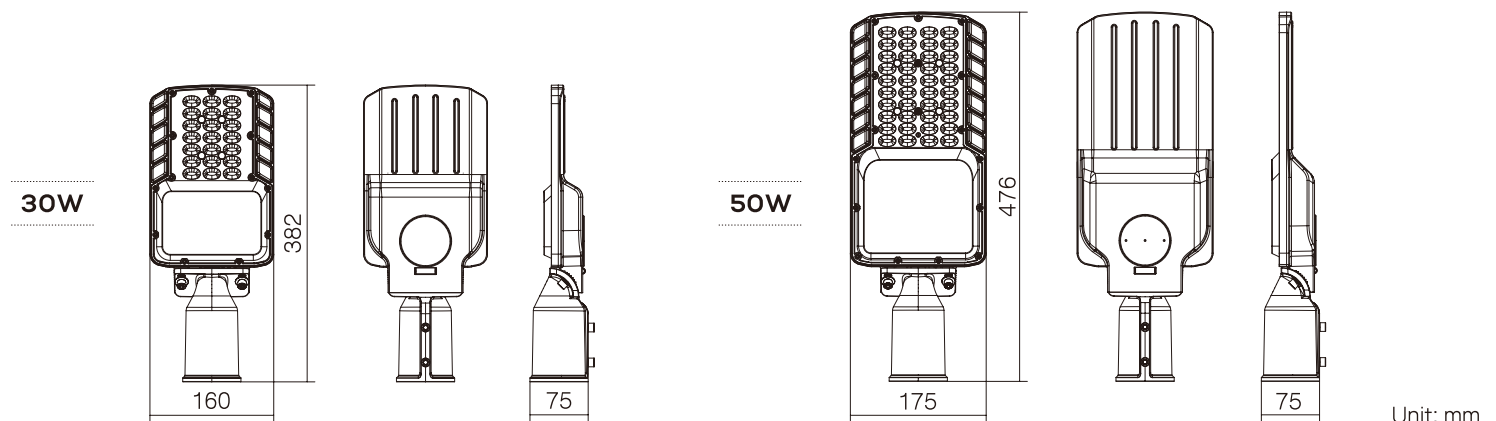
Material type: Die-cast aluminium body + PC

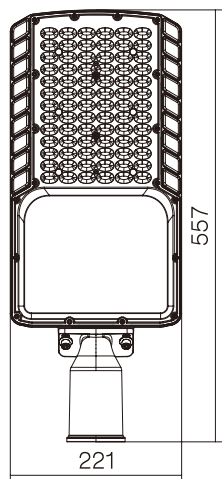Body colour: Grey

Life: 50000hrs**

Cable length: 30cm*1cm^2

Product Model	HS-HC08-50W	HS-HC08-100W	HS-HC08-150W	HS-HC08-200W	HS-HC08-200W
LED Chip	SMD3030 84pcs	SMD3030 160pcs	SMD3030 312pcs	SMD3030 480pcs	SMD3030 672pcs
Wattage	30W	50W	100W	150W	200W
Luminous Flux	3600Lm	6000Lm	12000Lm	18000Lm	24000Lm

Size

30W

382

160

75

50W

476

175

75

Unit: mm

100W

557

221

75

150W

651

241

75

200W

751

276

75

PRODUCT DETAILS

Aluminum PCB

3030/5050 SMD Optional

M3 Round Head Screws

ADC12 Back Cover

Level Spirit

Waterproof Gland

M8 Washer

M8 Hex Screws

Branded LED Driver

Waterproof Silica Gel

Nano-pc Reflector
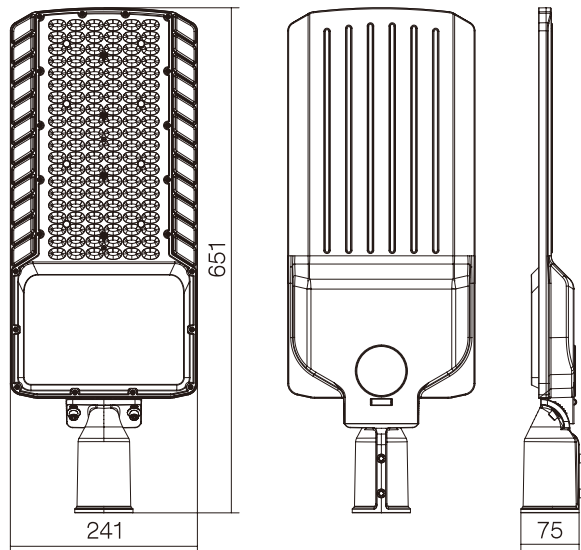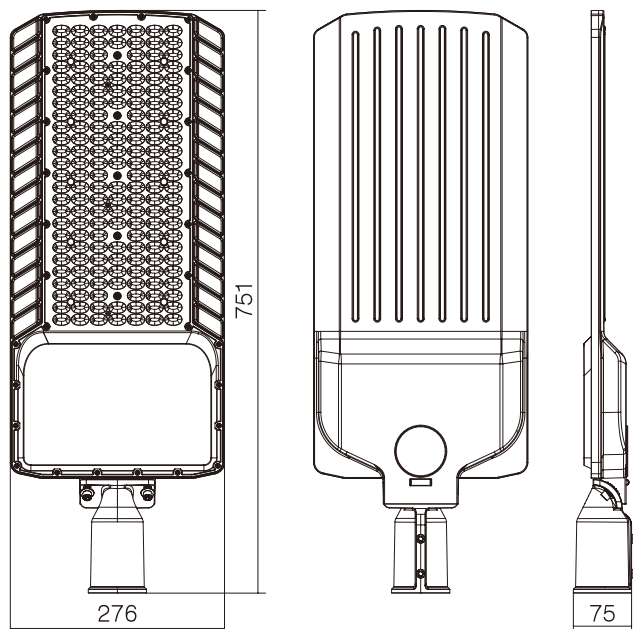
Anti-uv Optical Lens
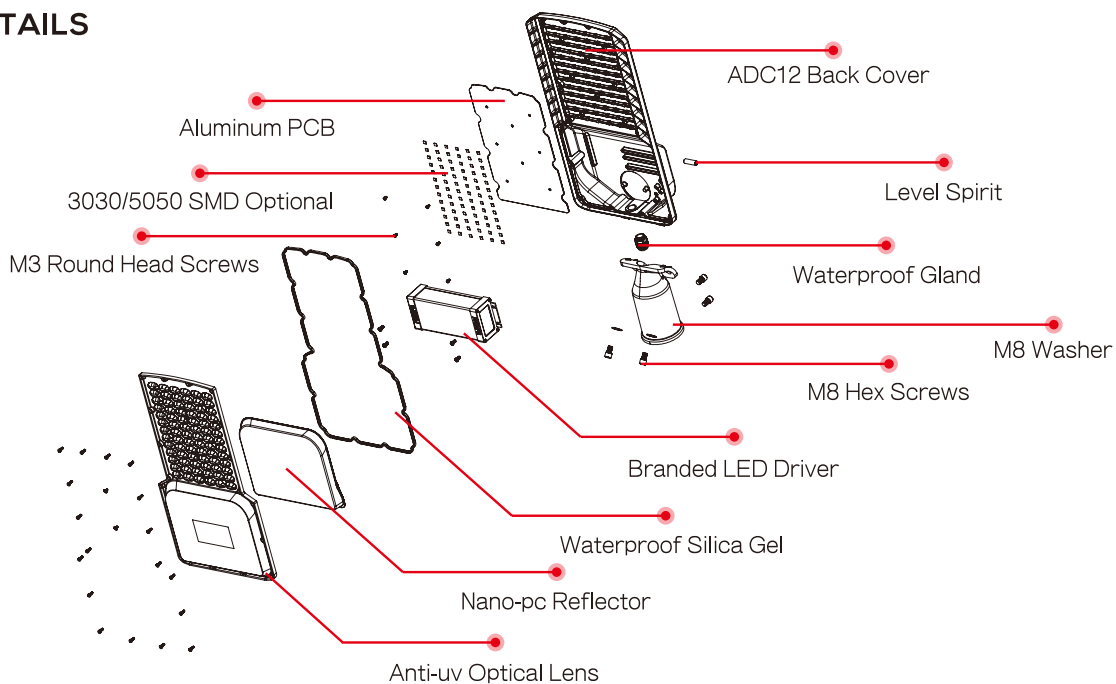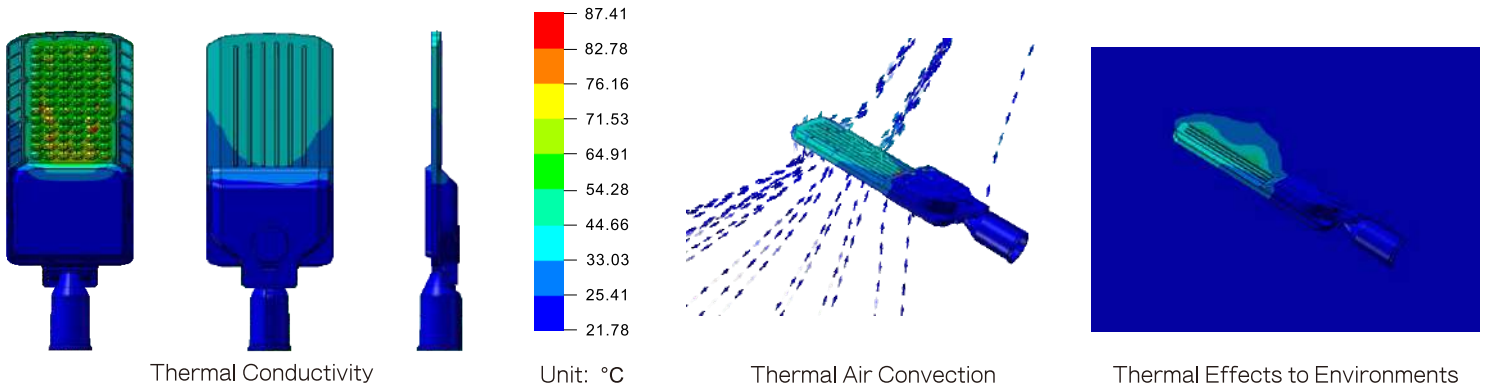
THERMAL MANAGEMENT

Structure is optimized by advanced FEA technology. Achieving longer lifespan at best cost-efficiency.

Thermal Conductivity

| 87.41 |
| 82.78 |
| 76.16 |
| 71.53 |
| 64.91 |
| 54.28 |
| 44.66 |
| 33.03 |
| 25.41 |
| 21.78 |

Unit: °C

Thermal Air Convection

Thermal Effects to Environments

OPTICS

Technical Support:

Provide the length, width, height and other parameters of the space, and tell us the purpose of the space, and we can conduct a professional DIALUX lighting simulation for you.Pre-evaluate the installation quantity and illumination effect of lamps for your project. Our company has a complete .ies file for each lamp, you are welcome to request it.
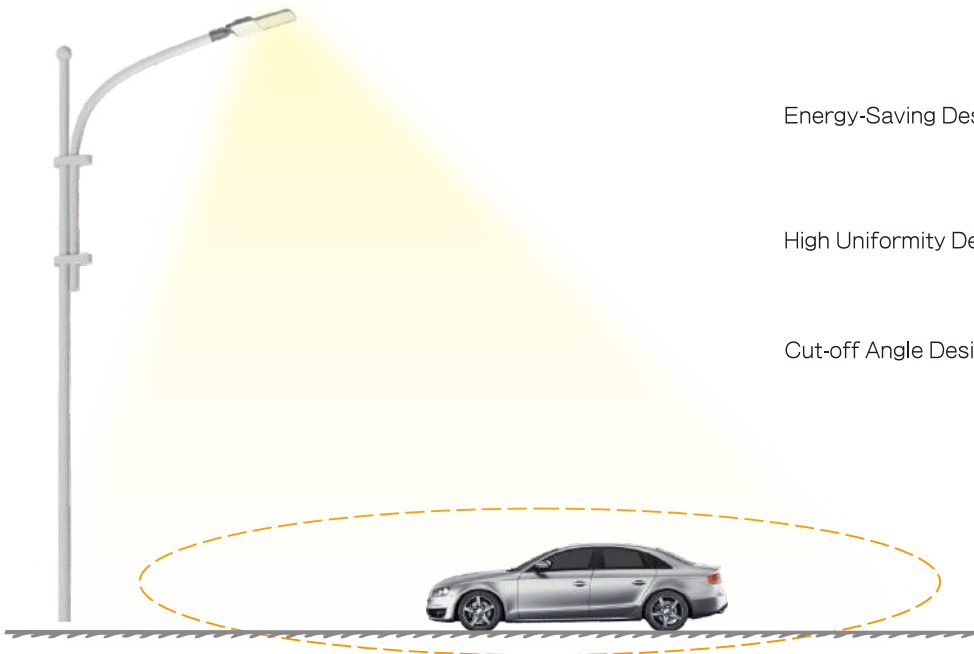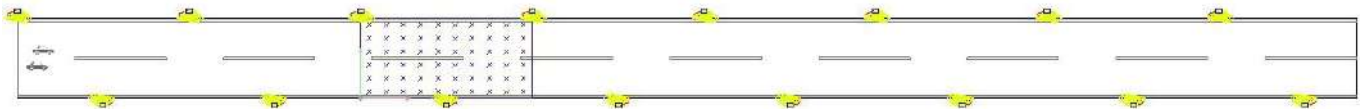
Energy-Saving Design

High Uniformity Design

Cut-off Angle Design

Iluminate the Road without Dazzling

ERP high light efficiency lens
Light transmittance reaches 95%
TP_II-M full cut-off optics
The whole lamp reaches more than 200LM/W

PHOTOMETRIC

Average(Lx)   Flat Distribuions   Height M=11.5
C0/180
Central Distance (m)

Imax:3907(H-59.0,V0.0)
(At:C=180.0,Gamma=58.0)
unit: cd
Horizonal (DEG)
10% 390.7
20% 781.4
30% 1172
40% 1563
50% 1954
60% 2344
70% 2735
80% 3126
90% 3516

-/+180
: cd
C0/180,134.9°
C90/270,74.4°
Beam Angle (50%):104.7 Degree