

Inbrit[®]



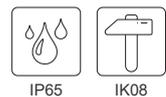
TRANSFO

AC LED STREET LIGHT



TRANSFO 60W/150W/200W/300W

AC LED STREET LIGHT



This lamp is compatible with solar and grid-powered systems, allowing you to customize it according to your needs.

LED chip highlights the bead, high brightness, low light decay, long service life.

High color, light weakness, no stroboscopic.

Using high transmittance lenses and scientific light distribution methods, high light beads, low light attenuation, and long life.

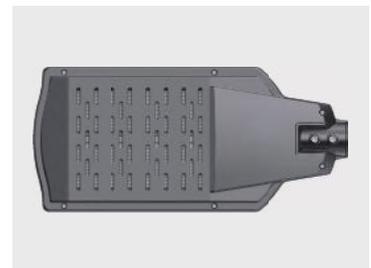
Die-cast aluminum heat dissipation material and strong convection heat dissipation design improve heat dissipation performance and extend the life of the lamp body.



Front view



Side view



Top view



MAIN BODY OF A STRUCTURE

The lamp body is made of die cast aluminum

OPTICAL ELEMENT

The light source adopts bat wing lens optical accessories

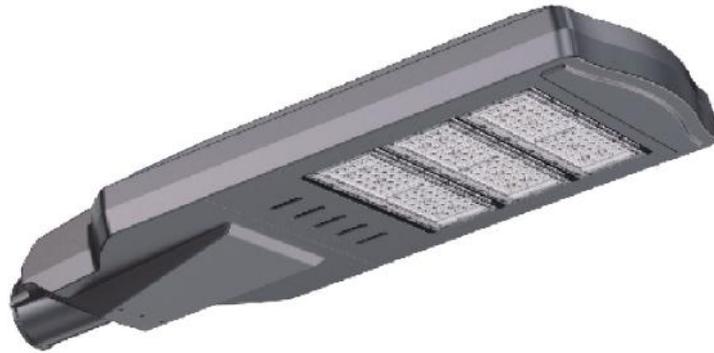
INNOVATIVE ASSEMBLY METHODS

Modular pluggable design, simple tool maintenance

HIGH EFFICIENCY HEAT SINK

Excellent thermal conductivity and large heat exchange area





TECHNICAL SPECIFICATIONS

GENERAL HIGHLIGHTS

- Used in roads, squares, scenic spots and other outdoor lighting places
- Operating temperature: -30°C/+50°C
- Buckle design, convenient for installation and maintenance
- High quality chip
- Less light fading, durable
- The sleeve is designed with clamping
- Light poles with different diameters
- Excellent heat dissipation

OPTICAL PROPERTIES

- Various lens arrangements for different zones and different installation areas
- Homogenous light distribution
- Light source modular design, easy to replace
- Lumen output (absolute photometry): 7200lm-21500lm
- Color temperature: 3000K-6500K
- Color rendering index: >70

BODY HOUSING&FINISH

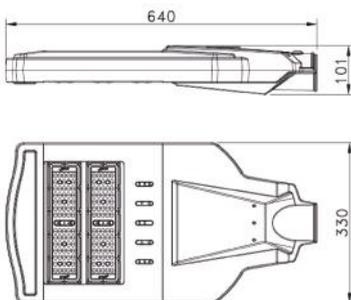
- Corrosion resistant die-cast aluminum housing
- Electrostatic powder coating
- Ngress protection: IP65
- Impact protection: IK08



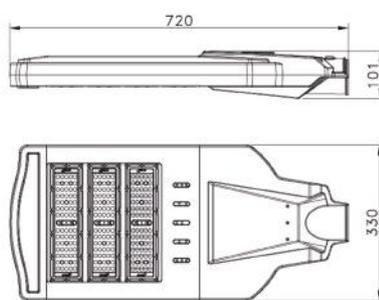
Model No.	TRANSFO-AC-001	TRANSFO-AC-002	TRANSFO-AC-003	TRANSFO-AC-004	TRANSFO-AC-005
Rated Power	60W	150W	150W	200W	300W
Power Supply	AC100-277V				
Light Source	3030				
Light Distribution	Bat-Wing light distribution (150°×75°)				
Light Efficiency	120-180LM/W				
Power Supply	Mingwei/Dongling				
Color Temperature	3000K-6000K				
CRI	Ra≥70				
IP Rating	IP65				
Working Temperature	-10°C -+60°C				
LED Lifespan	50000H-100000H				
Mount Diameter	Φ60mm				
Lamp Dimension	640×330×101MM	640×330×101MM	720×330×101MM	720×330×101MM	800×330×101MM
Lamp Weight	4.7KG	5.4KG	5.6KG	6.0KG	6.2KG
Package Dimension (two packs)	650×340×180MM (2pcs/CTN)	650×340×180MM (2pcs/CTN)	730×340×180MM (2pcs/CTN)	730×340×180MM (2pcs/CTN)	810×340×180MM (2pcs/CTN)
Suggested Mount Height	8-10M	8-12M	8-12M	10-14M	10-16M
Warranty	3 Years				

LAMP DIMENSION

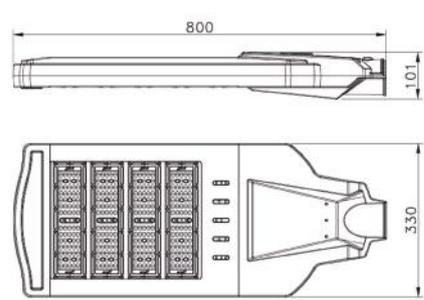
TRANSFO-AC-001



TRANSFO-AC-003



TRANSFO-AC-005

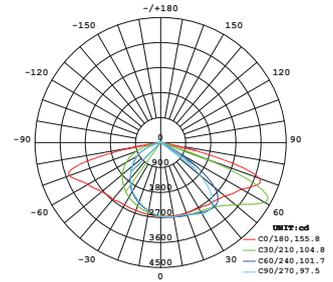


LIGHT DISTRIBUTION CURVE

STREETLIGHT PHOTOMETRIC TEST REPORT (60W)

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 167.48lm/W
MODEL	JD60W	I _{max} (cd)	5429	η street_up (%)	0.2	
NOMINAL POWER (W)	60	LOR (%)	100.0	η street_down (%)	58.1	
RATED VOLTAGE (V)	54	TOTAL FLUX (lm)	10049	η house_up (%)	0.2	
NOMINAL FLUX (lm)	5024.45	MAXIMUM @(C,γ)	160, 69.0	η house_down (%)	41.5	
LAMPS INSIDE	2	η up (%)	0.4	76 FLASHAREA (m ²)	0.00100	
TEST VOLTAGE (V)	51.2	η down (%)	99.6	SLI	19.897	

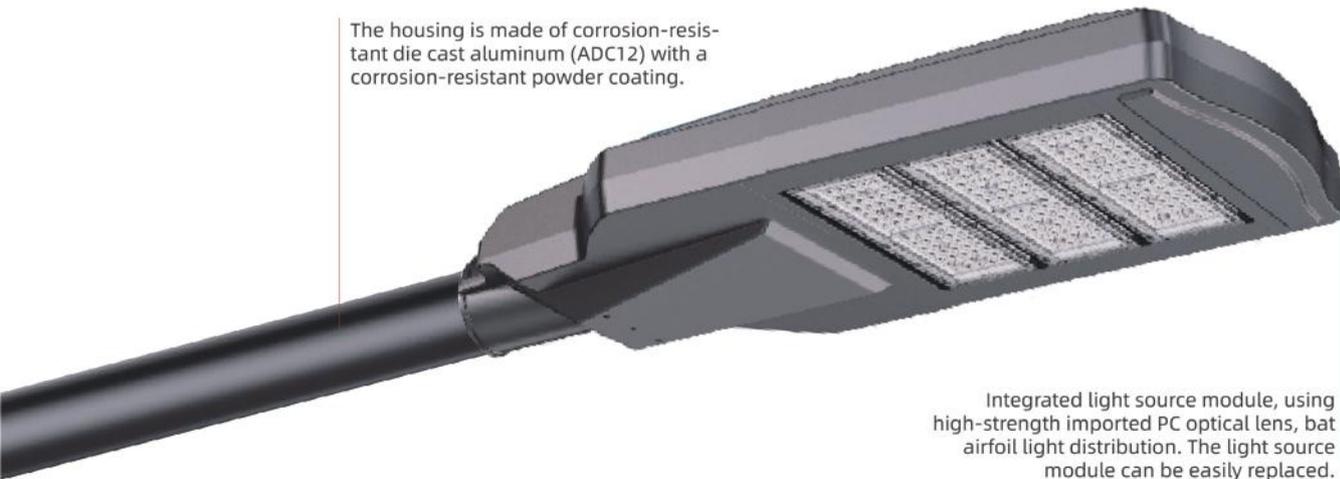
INTENSITY DISTRIBUTION DIAGRAM IN C PLANS



AVERAGE BEAM ANGLE(50%): 114.9 DEG

STRUCTURE PRESENTATION

The housing is made of corrosion-resistant die cast aluminum (ADC12) with a corrosion-resistant powder coating.

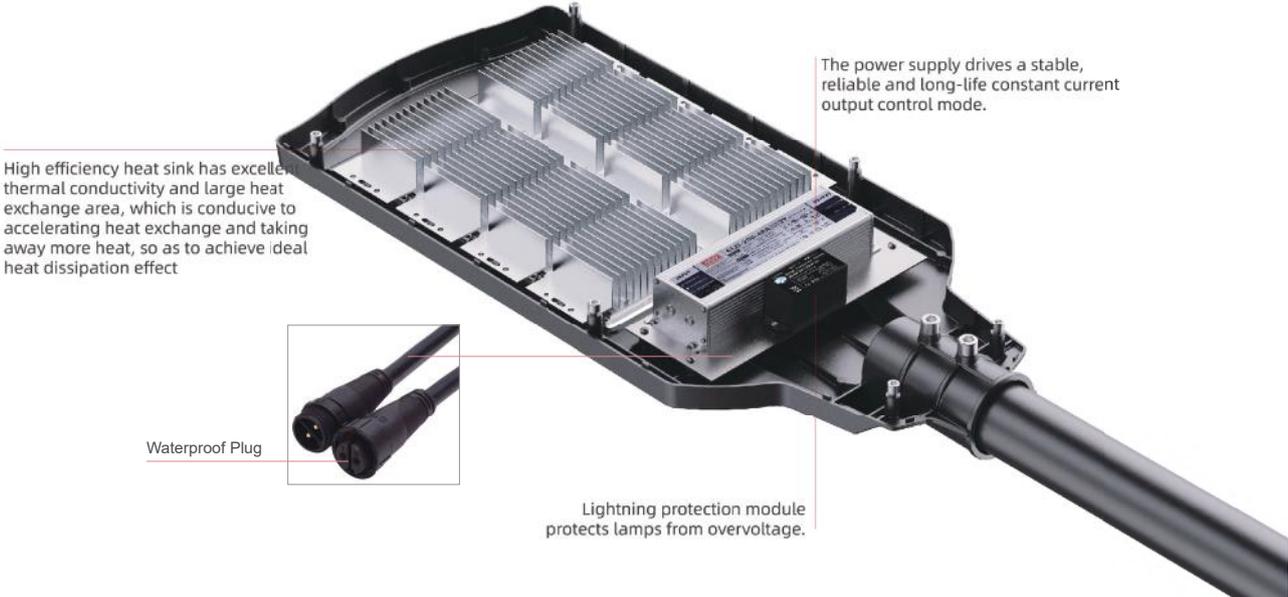


Integrated light source module, using high-strength imported PC optical lens, but airfoil light distribution. The light source module can be easily replaced.

- Quick installation design**

The hexagonal wrench can be used for quick installation without complicated tools and easy operation.





High efficiency heat sink has excellent thermal conductivity and large heat exchange area, which is conducive to accelerating heat exchange and taking away more heat, so as to achieve ideal heat dissipation effect

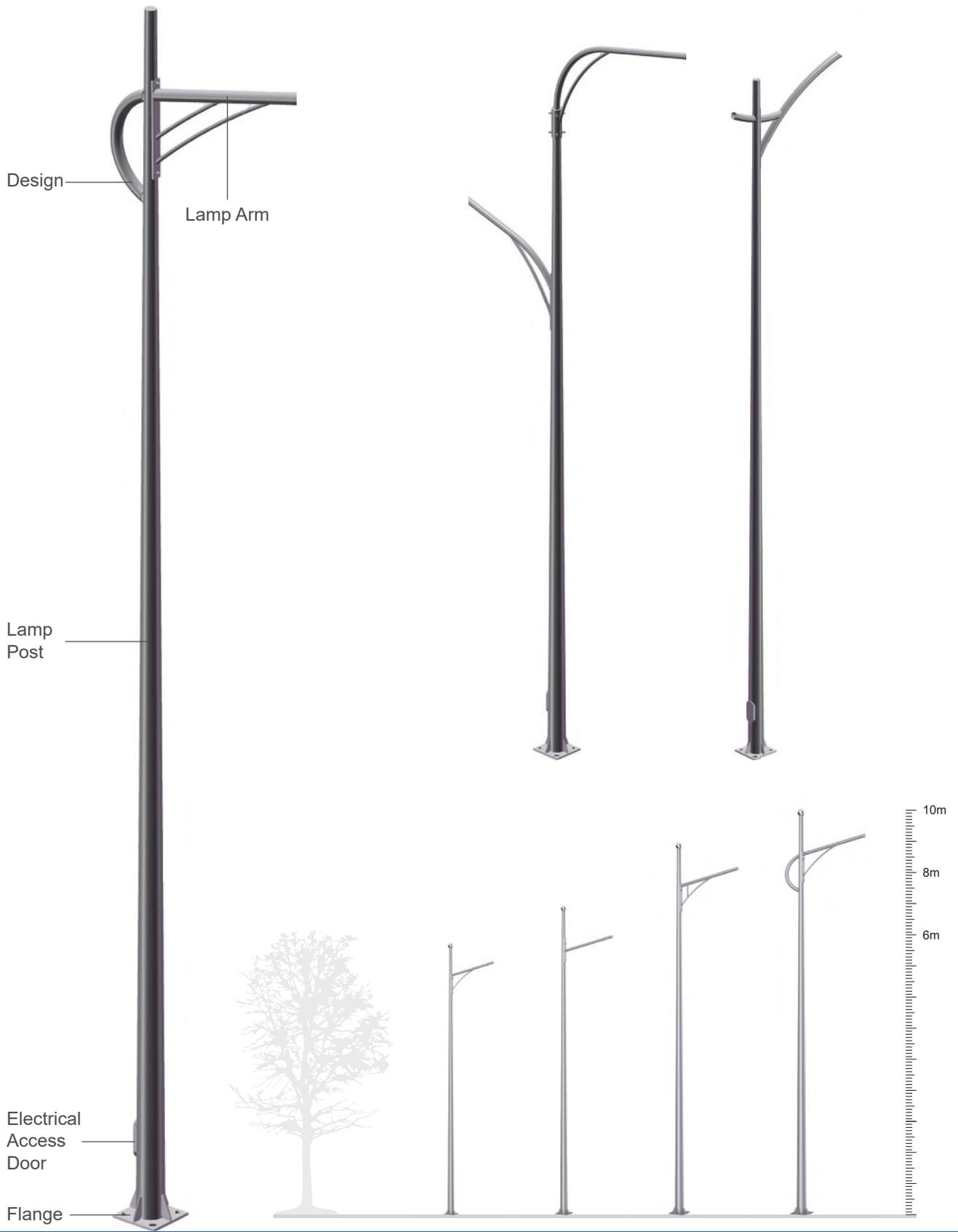
The power supply drives a stable, reliable and long-life constant current output control mode.

Waterproof Plug

Lightning protection module protects lamps from overvoltage.

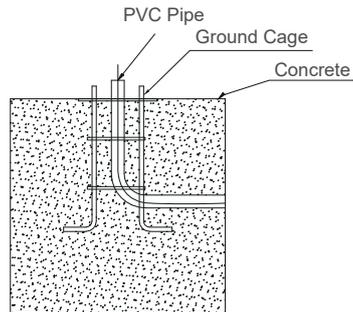


LIGHT POLE



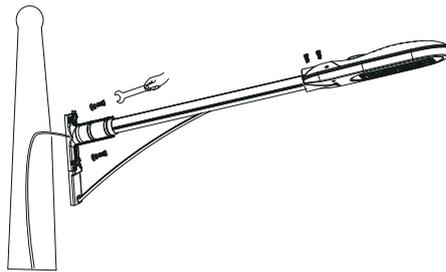
LAMP INSTALLATION

①



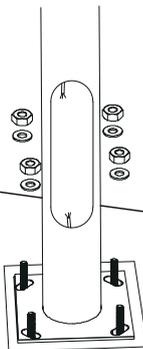
Pour the foundation for the street light, reserving a conduit for wiring inside.

②



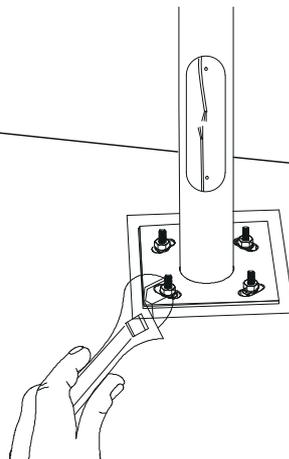
1. Mount the light fixture onto the support arm, adjust its position, and then tighten the hex bolts.
2. Route the light fixture output cable to the maintenance door on the lamp pole, then attach the support arm to the pole, adjust its position, and tighten the screws.

③



1. After mounting the lamp pole onto the pre-installed ground cage, sequentially install the washers and nuts onto the ground cage threads.
2. Route the cable through the reserved conduit hole in the foundation cage to the maintenance door.

④



1. Tighten the nuts with a wrench.
2. Connect the light fixture output cable to the power cable.
3. Install the maintenance door to complete the installation.



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One-Stop LED Outdoor Lighting Manufacturer