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YANZGHOU FOREVER LIGHTING CO.,LTD

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RICHARD SERIES

LED STREET LIGHT

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Features & Superiority:

Richard Series LED street light adopts high puritydie-cast aluminum housing,integral molding process, modular design can be selected according to demand power, to meet the needs of various occasions; Streamlined appearance design, fashion, modern, atmospheric; Good heat dissipation design and independent opticaldesign, greatly improve the luminous efficiency and lamp life, and has a wide, no spot aperture and other characteristics; Quick disconnecting hinge design is easy to operate, free of tools to open, easy to maintainand save labor cost installation;

Application:

City main rod and secondary road etc.Commercial square, large and medium-sized playground etc. Highways, stations, docks etc.

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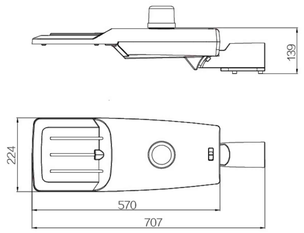

RICHARD SEIRES-LED01

CREE PHILIPS

AC100-277V	Hz 50/60	PF >0.9	THD <15%	CRI 70	10~90%	80000	IP66

Model	RICHARD-LED01
Wattage	60W-120W
LED Brand	LUMILEDS® LUXEON 3030 or 5050 CREE
Driver Brand	Philips / Meanwell / Customized
Input Voltage	100-265V/277V/347V/480VAC
Power Efficiency	>90%
Power Factor	>0.95
Luminous Efficiency	=150 lm /w
Lumen output	7200-18000 lm (Lumen tolerance +/- 5%)
Color Rendering Index	70
Color Temperature	2700K-6500K
Optimal Operating Temperature	25℃
Storage Temperatures	-40°C~55°C
Working Environment	-40°C~+65°C, 10%~90%RH
Total Harmonic Distortion	< 10%
Lumen Maintenance	> 80,000 hours -L70, @25 °C (77 °F)
Wind Index	Force 12
Body Materials	Die-casting aluminum
Pole Fitter Diameter	60mm
Rating	IP66 IK08
Protection	Class I (Class II optional)
SPD	10KV (20KV optional)
Certification	CE,ROHS,LM80,LM79,IP66 IK08 etc
Dimming Options	1-10V or DALI or PWM or Timer
Control Options	Photocell or Motion sensor or NEMA or ZHAGA for Smart control
N.W	5kgs
Size	660*290*190mm
Warranty	5 years

RICHARD SEIRES-LED02

CREE PHILIPS

AC100-277V	Hz 50/60	PF >0.9	THD <15%	CRI 70	10~90%	80000	IP66

Model	RICHARD-LED02
Wattage	120W-200W
LED Brand	LUMILEDS® LUXEON 3030 or 5050 CREE
Driver Brand	Philips / Meanwell / Customized
Input Voltage	100-265V/277V/347V/480VAC
Power Efficiency	>90%
Power Factor	>0.95
Luminous Efficiency	=150 lm /w
Lumen output	7200-18000 lm (Lumen tolerance +/- 5%)
Color Rendering Index	70
Color Temperature	2700K-6500K
Optimal Operating Temperature	25℃
Storage Temperatures	-40°C~55°C
Working Environment	-40°C~+65°C, 10%~90%RH
Total Harmonic Distortion	< 10%
Lumen Maintenance	> 80,000 hours -L70, @25 °C (77 °F)
Wind Index	Force 12
Body Materials	Die-casting aluminum
Pole Fitter Diameter	76mm
Rating	IP66 IK08
Protection	Class I (Class II optional)
SPD	10KV (20KV optional)
Certification	CE,ROHS,LM80,LM79,IP66 IK08 etc
Dimming Options	1-10V or DALI or PWM or Timer
Control Options	Photocell or Motion sensor or NEMA or ZHAGA for Smart control
N.W	6.5kgs
Size	760*290*190mm
Warranty	5 years

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TEMPERED SAFETY GLASS(ESG)

DIE CAST ALUMINUM(ADC12)
AND CORROSION RESISTANT
POWDER COATING

LENSES CAN BE EASILY REPLACED

FLEXIBLE INSTALLATION

IF NECESSARY, IT CAN BE EQUIPPED
WITH VARIOUS SENSORS/OPTICAL
MANAGEMENT SYSTEMS, WHICH CAN
ACHIEVE OPTICAL TIMING, DIMMING,
REMOTE MANAGEMENT AND OTHER
FUNCTIONS

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LARGE APERTURE OPEN COVER DESIGN,
OPEN AT ANY ANGLE, EASY TO OPERATE.

PUSH-PULL QUICK OPENING BUTTON
- TOOL-FREE OPENING,EASY MAINTENANCE;
- ONE-HANDED OPERATION;
- FAST AND SECURE INSTALLATION.

SINGLE LIGHT CONTROLLER:
PRODUCT NETWORKING,
TIMING LIGHT, DIMMING,
REMOTE MANAGEMENT AND
OTHER FUNCTIONS(OPTIONAL)

SPD MODULE:
EFFECTIVELY PROTECT ELECTRICAL
EQUIPMENT FROM LIGHTNING OVER
VOLTAGE, OPERATING OVER VOLTAGE,
POWER FREQUENCY TRANSIENT OVER
VOLTAGE IMPACT AND DAMAGE

DRIVER MODULE:
MEANWELL OR PHILIPS OR
OTHER BRANDS OPTIONAL;
STABLE AND RELIABLE LONG
LIFE CONSTANT CURRENT
OUTPUT CONTROL MODE

POWER OFF SWITCHER:
SAFETY&RELIABLE

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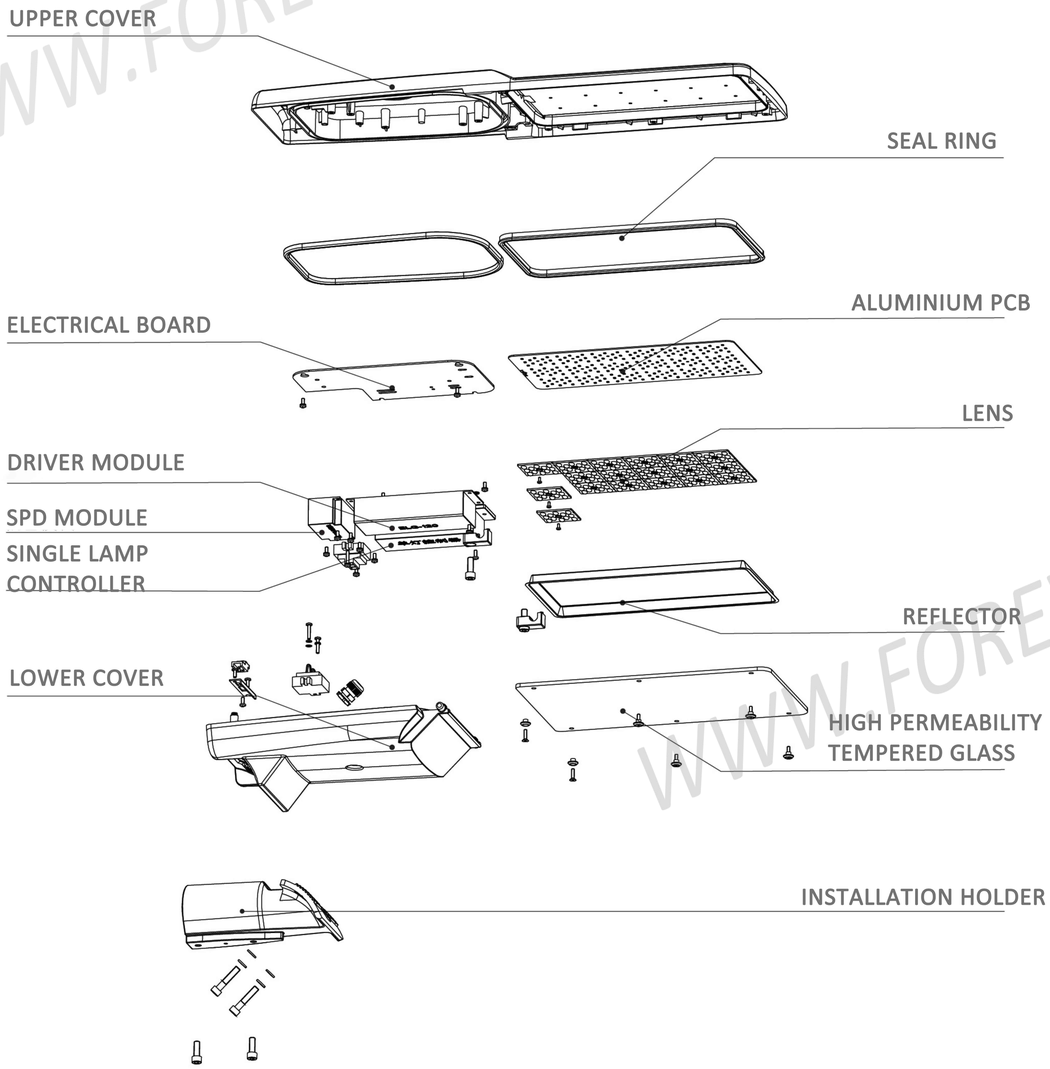
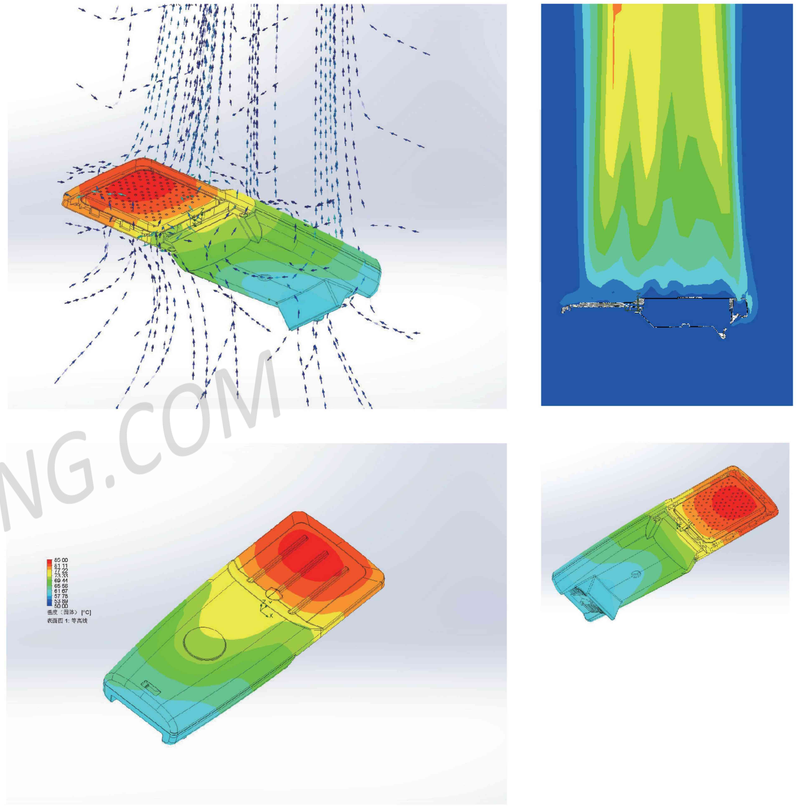
EXPLODED VIEW



HEAT DISSIPPTION MODULE



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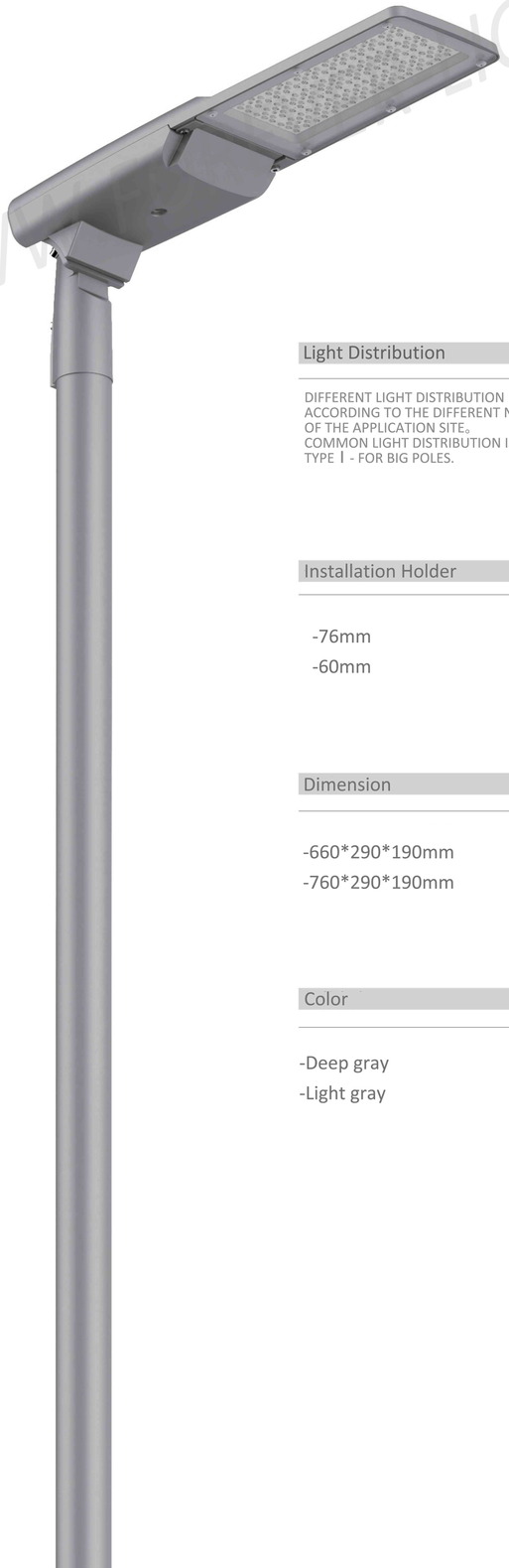


Light Distribution

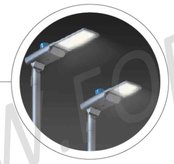
DIFFERENT LIGHT DISTRIBUTION LENSES
ACCORDING TO THE DIFFERENT NEEDS
OF THE APPLICATION SITE。
COMMON LIGHT DISTRIBUTION IS
TYPE Ⅰ - FOR BIG POLES.

Installation Holder

-76mm
-60mm

Dimension

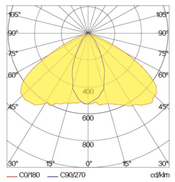
-660*290*190mm
-760*290*190mm

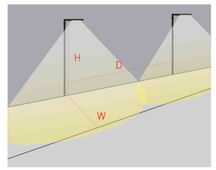


Color

-Deep gray
-Light gray

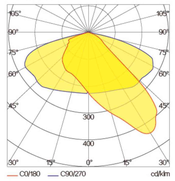
TYPE Ⅰ-S



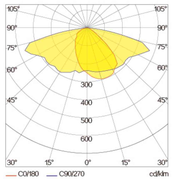


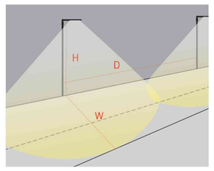
TYPEI: It is mainly used on narrow sidewalks or bicycle paths. The main body of the lamp is located in the center of the road, and the lighting width (out of the road direction) is basically the same as the lamp height

TYPE Ⅱ-S



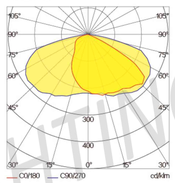
TYPE Ⅱ-M



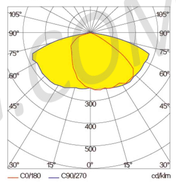


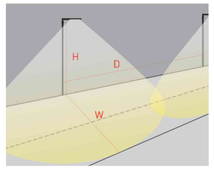
TYHE Ⅱ :It is mainly used in entrance to carriageways and wide sidewalks, carriageways or other narrow arealighting applications. The main lampbody is located on one side of the road, not the center. The lighting width is generally between 1-1.75 times the height of the lamp.

TYPE Ⅲ-S



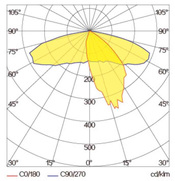
TYPE Ⅲ-M

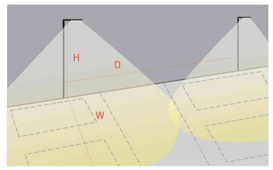




TYPE Ⅰ Ⅱ :It is mainly used in highways, lanes, parking lots and general square lighting. The main body of thelamp is located on the side of the road, and the lighting widthis 1.75-2.75 times the height of the lamp.

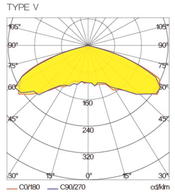
TYPE Ⅳ-S

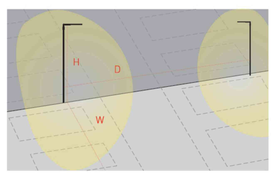




TYPE Ⅳ: It is mainly used for wall washing lighting and a wide range ofparking lot lighting. The main lamp body is located on one side of the road. The lighting width is more than 2.75 times the height of the lamp. The light pattern is similarto a circle, especially the distribution of light intensity from 270 degrees to 0 degrees to 90 degrees is the same.

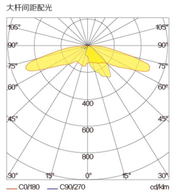
TYPE V

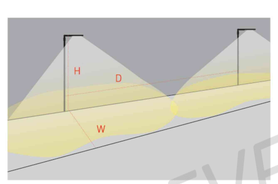




TYPE V:Large pole spacing light distribution: mainly used in narrow rural roads or urban branch roads.

大杆间距配光





Large pole spacing light distribution

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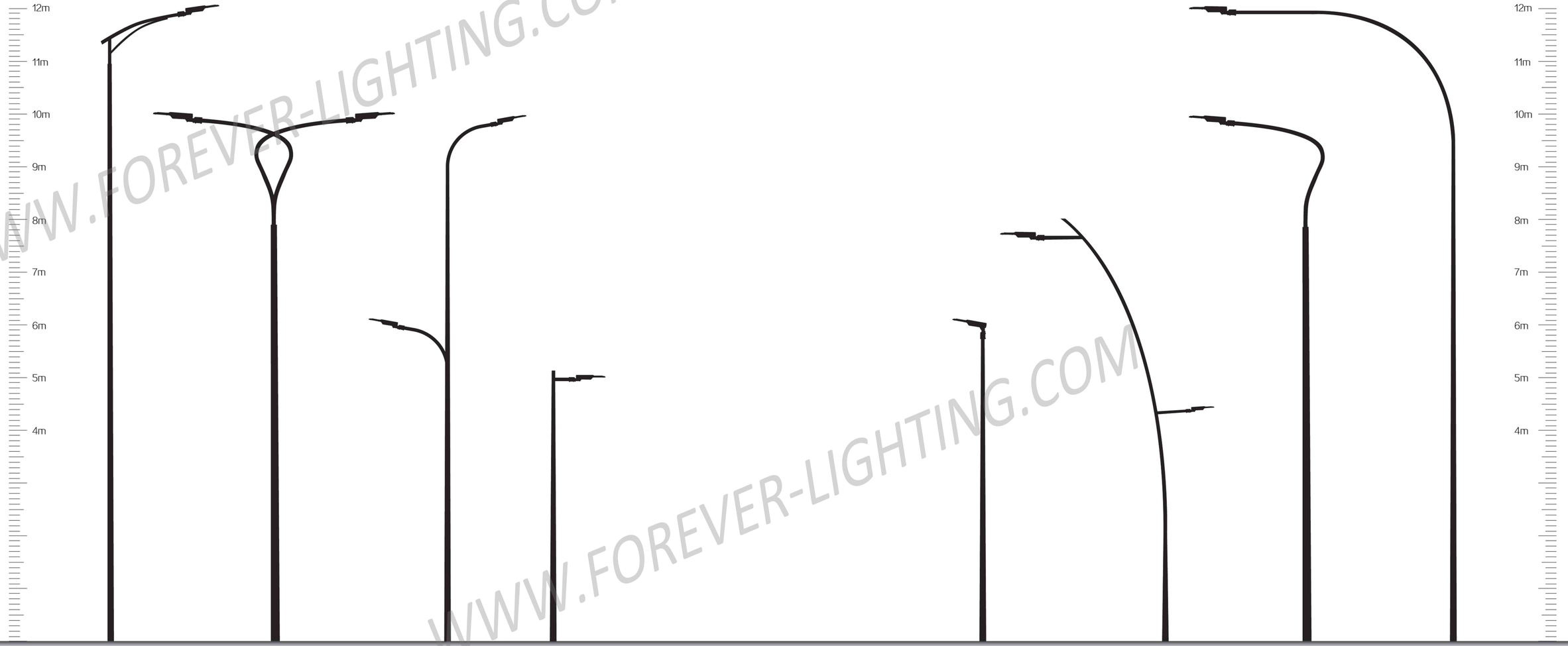
The height and installation of the light pole: can also be customized according to the project needs.



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Lamp combination methods:

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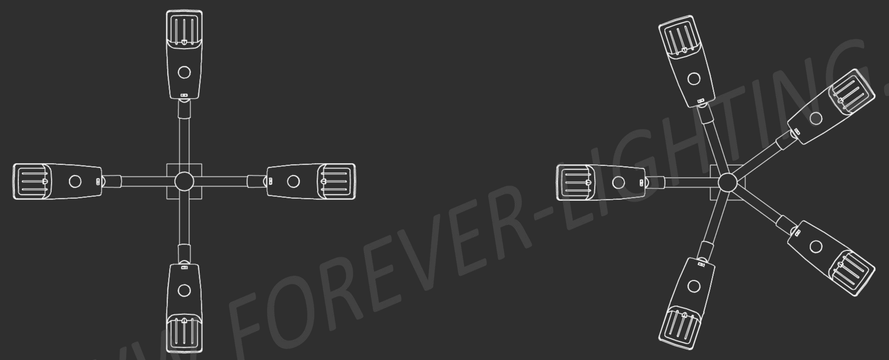

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