

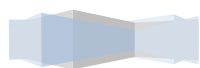
# Genture Electronics

**Dedicate itself to LED innovation& application**



**Product Manual**

**---Street lighting series**



## Part 1 Street Lighting series

### 1.1.1 Product Overview



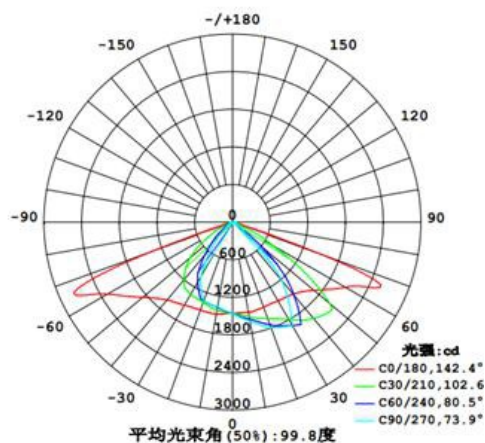
- ◆ **EFFICIENT HEAT DISSIPATION** Cellular heat dissipation and full structure heat dissipation technique
- ◆ **EFFICIENT TRANSMITTANCE** Integrated spread lens made from high quality optical PC  
Material ensure 93% transmittance
- ◆ **EASE OF MAINTENANCE** Exchangeable light modules
- ◆ **RELIABILITY** IP68 protection class, more than 50000h life span
- ◆ **SPECIAL TRANSPARENT SHADE** No glare and dazzling light
- ◆ **WIDE AVAILABLE IMPUT VOLTAGE** AC100-305V, suitable for different use

### 1.1.2 Specifications

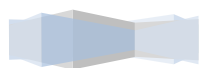
Power		120W	240W
Optical Parameters	Single LED Power Consumption	0.93W	0.93W
	Amount of LED	128	256
	CCT	4000K/5700K	4000K/5700K
	Light Efficiency	>90%	>90%
	Luminous Efficacy	≥125lm/w(4000k-4500k) ≥125lm/w(5000k-6000k)	≥125lm/w(4000k-4500k) <sup>2</sup> ≥120lm/w(5000k-

	Luminous Flux	$\geq 15000\text{lm}(4000\text{k}-4500\text{k})$	$\geq 30000\text{lm}(4000\text{k}-4500\text{k})$
		$\geq 15000\text{lm}(5000\text{k}-6000\text{k})$	$\geq 30000\text{lm}(5000\text{k}-6000\text{k})$
	CRI	$\geq 70$	$\geq 70$
	Beaming Angle	C0 150°,C9080°	C0 150°,C9080°
Electrical Parameters	Input Voltage	90-305VAC	100-305VAC
	Power Frequency	50/60Hz	50/60Hz
	Output Voltage	DC48V	DC48V
	Output Current	2500mA	2500mA*2
	Total Power Consumption	120W $\pm$ 10%	240W $\pm$ 10%
	LED Power Consumption	120W	240W
	Power Efficiency	87%	88%
	Power Factor	>0.95	>0.95
THD	$\leq 20\%$	$\leq 20\%$	
Other Parameters	Life Span	50000h	50000h
	Shell Material	Aluminum Die Casting	Aluminum Die Casting
	IP Rating	IP67	IP67
	Working Temperature	-40°C- +50°C	-40°C- +50°C
	Working Moisture	10%-90%	10%-90%
	Light Size	515*278*60mm	705*278*60mm
	Weight(kg)	6.7	9.6

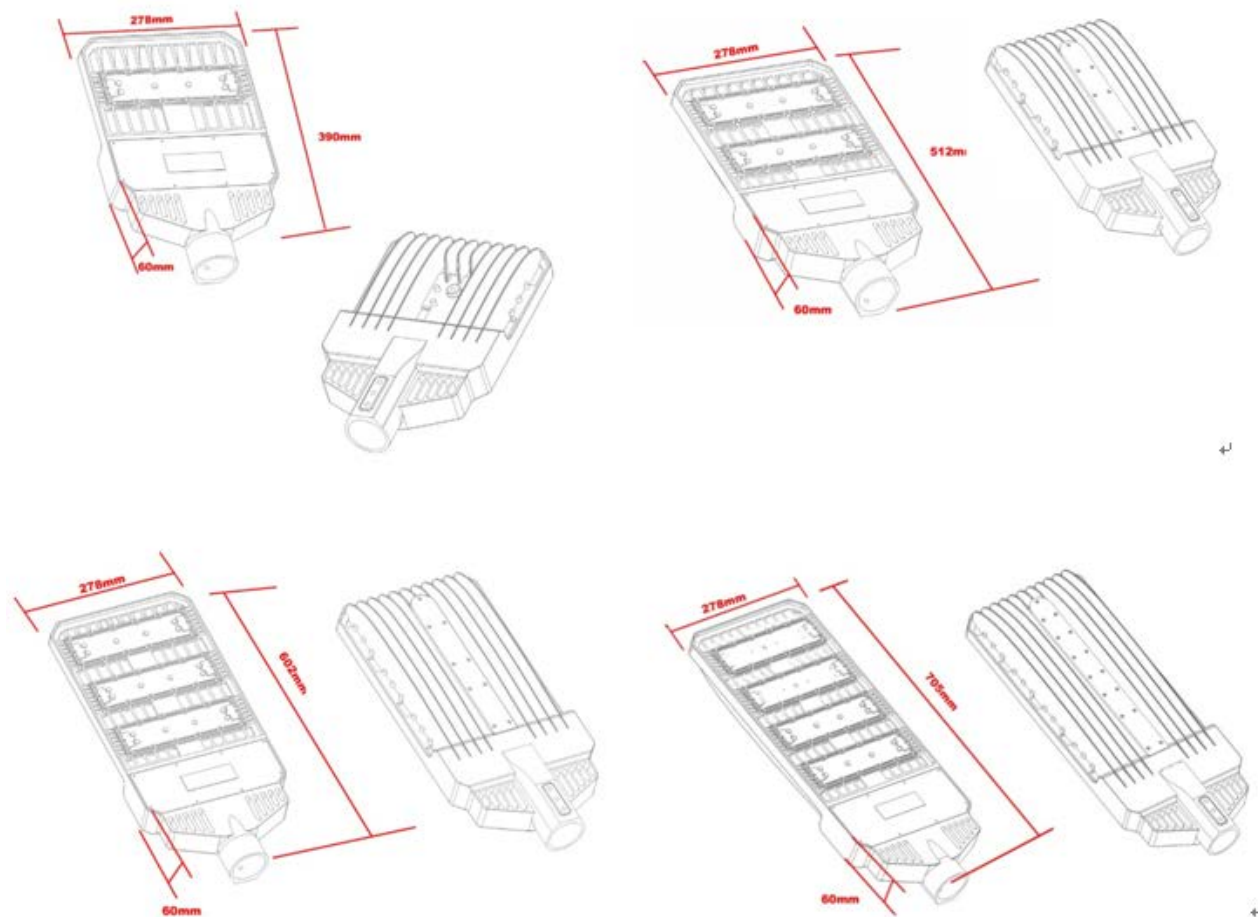
### 1.1.3 Light Distribution Diagram



Bat Wings light distribution decreases glare efficiently



### 1.1.4 Size selection



### 1.1.5 Contact Us

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