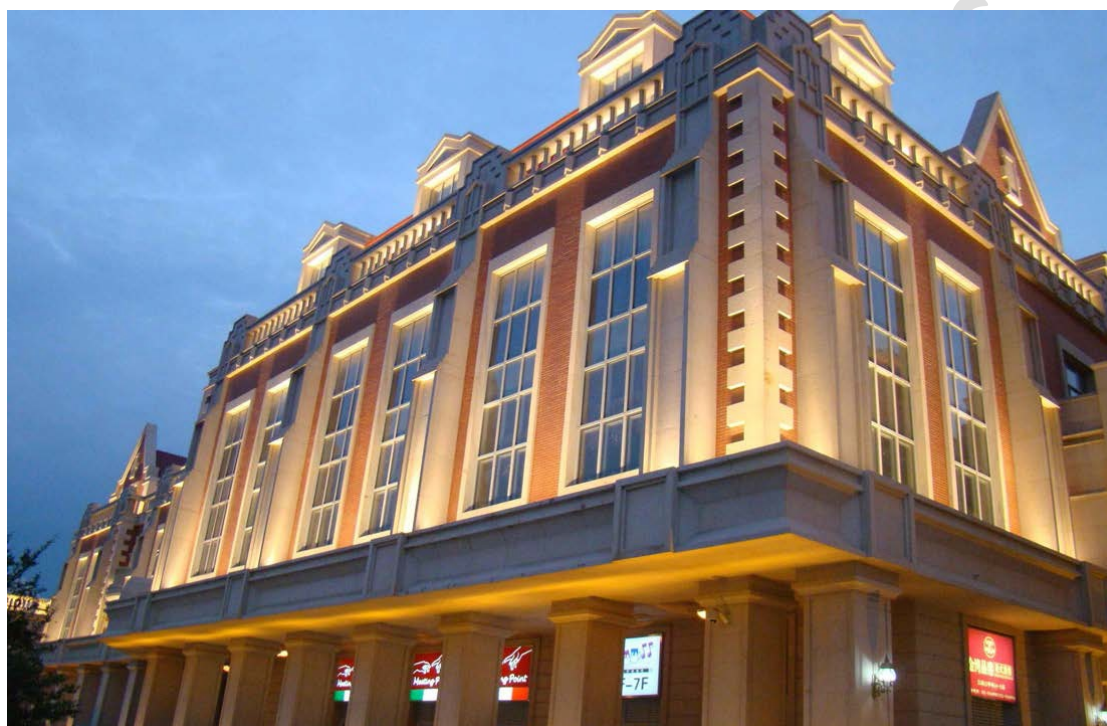


Genture Electronics

Dedicate itself to LED innovation& application



Product Manual

---Water-proof lighting series



Part 1 Flood& Tunnel Lighting series

1.1.1 Product Overview



- ◆ High-efficiency heat dissipation
- ◆ Double Union Structure, IP67 Protection Class
- ◆ -40°C—+50°C working temperature
- ◆ Corrosion preventive material
- ◆ 50000h life span

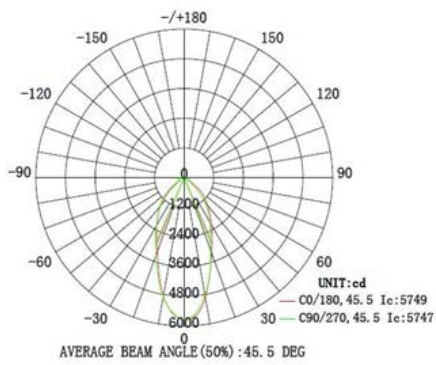


1.1.2 Specifications

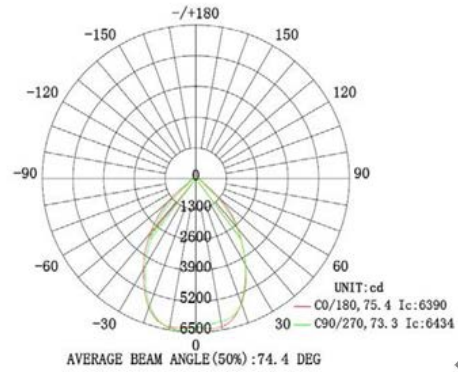
Power		250W	300W
Optical parameters	Single LED Power Consumption	0.65W	0.78W
	Amount of LED	384	384
	CCT(K)	4000K/5700K	4000K/5700K
	Light Efficiency	>90%	>90%
	Luminous Efficacy	≥135lm/w(4000k-4500k)	≥135lm/w(4000k-4500k)
		≥135lm/w(5000k-6000k)	≥135lm/w(5000k-6000k)
	Luminous Flux	≥33750lm(4000k-4500k)	≥40500lm(4000k-4500k)
		≥33750lm(5000k-6000k)	≥40500lm(5000k-6000k)
	CRI	≥70	≥70
Beaming Angle	60°,90°	60°,90°	
Electrical Parameters	Input Voltage	100-305VAC	100-305VAC
	Power Frequency	50/60Hz	50/60Hz
	Output Voltage	48V	48V
	Output Current	2600mA*2	3100mA*2
	Total Power Consumption	250W±10%	300W±10%
	LED Power Consumption	250W	300W
	Power Efficiency	91%	91%
	Power Factor	>0.95	>0.95
	THD	≤20%	≤20%
Others	Life Span	50000h	50000h
	Shell Material	Aluminum Die Casting	Aluminum Die Casting
	IP Rating	IP65	IP65
	Working Temperature	-40°C - +50°C	-40°C - +50°C
	Working Moisture	10%-90%	10%-90%
	Light Size	530*510*60mm	530*510*60mm
	Weight(kg)	10.6	10.6

1.1.3 Light Distribution Diagram

Distribution Curve



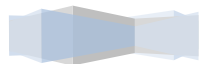
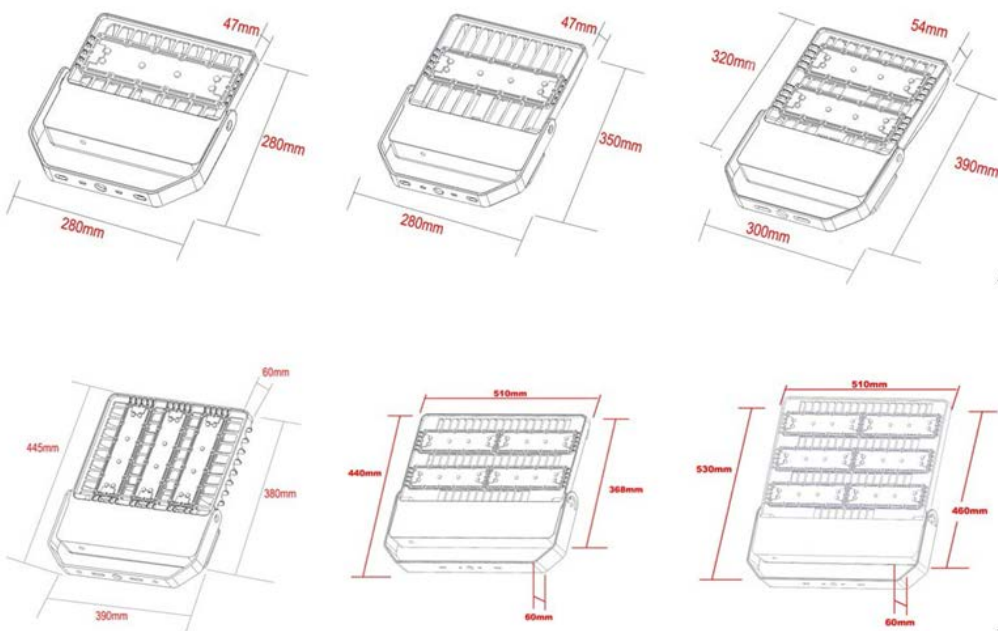
60° Light Distribution



90° Light Distribution

1.1.4 Size Selection

Size



1.1.5 Contact Us

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