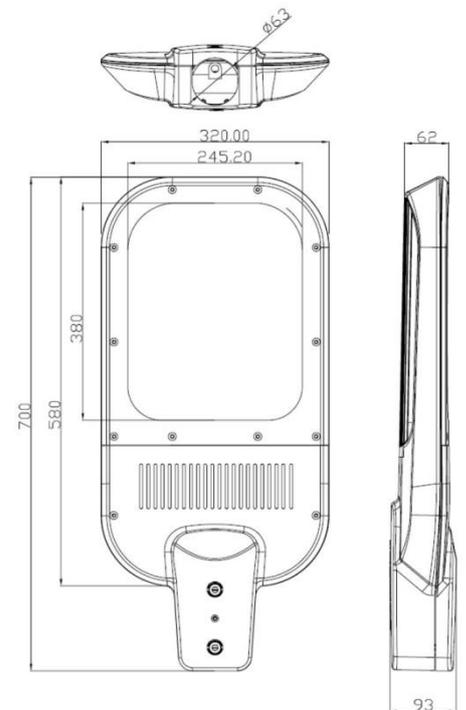


AOD LED street lights are made by integrating the LED lamps and the case into one piece. High brightness LED lamps are adopted to make AOD LED street lights. The LED lamp efficacy is up to 130lm/W. The usage of first lens and tempered glass has solved the problem of light loss and chromatic aberration caused by using second lens. It assures the uniformity and chromaticity on the ground surface. The LED thermal management from chip to external heat sinking provides the junction temperature is lower than 65°C. It is effectively controlling the light decay and prolonging the lifetime more than 50,000 hrs. The accurate first lens and reflector technology which enhances the utilization ratio of light output assures the precise control of the light distribution, ideal brightness uniformity on road surface, totally meeting the technical standards of our country. The unique LED lamp protection technology assures the LED street light still works in case single LED lamp is broken.



AL-S11 Parameters

Items	Symbol	Min.	Typical	Max.
Working Voltage (V)	Vin	175	220	265
Working Frequency (Hz)	f	47	50	63
Rated Wattage (W)	P		110	
Power factor	PF	0.88	0.90	0.98
Efficacy	lm/W		85	
Luminous Flux (lm)	Φ		9350	
Color Temperature (K)	CCT	3500	4000	6500
Colour Rendering Index (Ra)	CRI		70	
Working Temperature (°C)	Temp	-20		45
Lifetime (hrs)	MTTF		50000	
IP Class		IP65		
Dimension		L700mm*W320mm*H93mm		
Weight (kg)	W	8.0		



Luminous Flux Maintenance Chart

