



## APPLED ELECTRONICS ENTERPRISES CORPORATION

TEL: (02) 2545881 / 6224308 FAX: (02) 2545881 MOBILE: (0917) 8878378 / (0922) 8878374

STALL NO. 2M-15 168 MALL SOLER ST., BINONDO, MANILA, PHILIPPINES 1006

URL: [WWW.LED.PH](http://WWW.LED.PH)

EMAIL: [APPLED888@YAHOO.COM.PH](mailto:APPLED888@YAHOO.COM.PH)

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### Street Light (100W/120W/140W)

#### Parameter:

- **Type: APP-SL750-100W/120W/140W**
- **Light source: LED**
- **Input voltage: AC(85V~265V) DC(12V 24V)**
- **Output voltage: 25V~36V**
- **Power factor(PF): >0.9**
- **Power: 100W/120W/140W**
- **Light efficiency: >80lm/w**
- **Color temperature(CCT): 2700-7000K**
- **Color instruction: >80**
- **View angle: 140°**
- **Work temperature: -30°C~5°C**
- **Work humidity: 10%~95%RH**
- **Life time: >50000Hrs**
- **Case body and lampshade: aluminium alloy and toughened glass**
- **Dimension of the product(L \* W \* H): 750\*340\*170 mm**
- **Quantity (PCS): 1pcs in a carton**
- **Net weight: 9.5 Kg**
- **IP grade: IP65**





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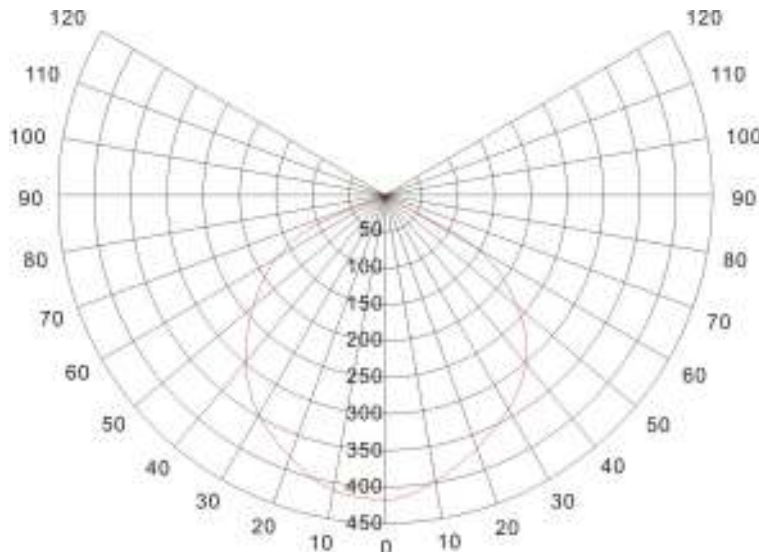
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### Product characteristics

- **APP- SL750 series high power LED street light is one of green environment protected new lights which our company chooses imported chips and self-encapsulated integrated chips LED as light source & which accord with GB7000.5-2005 standard (road and street illuminance lighting safety requirements).**
- **Logical structure, beautiful appearance, wetness & heat endurance, perfect airproof.**
- **High fixture efficiency, real vision; on harm to eyes and skin; safe use.**
- **Choose new types of LED lightings and outfit specially designed light-fit system. Light working life is 50000hrs which can be used over 10 years. Don't need replace lamp for it's whole life. Under same lux, the lights can save energy 60% more than high voltage sodium lamps.**
- **Agile & convenient installation.**
- **Environment protected, energy saved, no empoison. LED is no empoison for environment, and stable for capability which realizes real green environment protected energy saving lighting.**
- **Applicability scope: APP- SL750 series LED street lights can be used for city roads, habitation areas, industrial areas, pedestrian crossing, squares, gardens, schools, villas, yards, etc.**

### Photometric Results:





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## Illuminance Measurement:

type	LED power	pole height	distance between two poles	illuminance(lux)		uniformity
				center	average	
APP-SL750	100W	7m	21m~28m	56	22.5	0.4
		8m	24m~32m	43	20	
		9m	27m~36m	35	18	
		10m	30m~40m	26	15	
	120W	7m	21m~28m	64	24	
		8m	24m~32m	46	22	
		9m	27m~36m	40	20	
		10m	30m~40m	32	18	
	140W	8m	24m~32m	54	28	
		9m	27m~36m	46	25	
		10m	30m~40m	38	22	
		11m	35m~45m	30	20	



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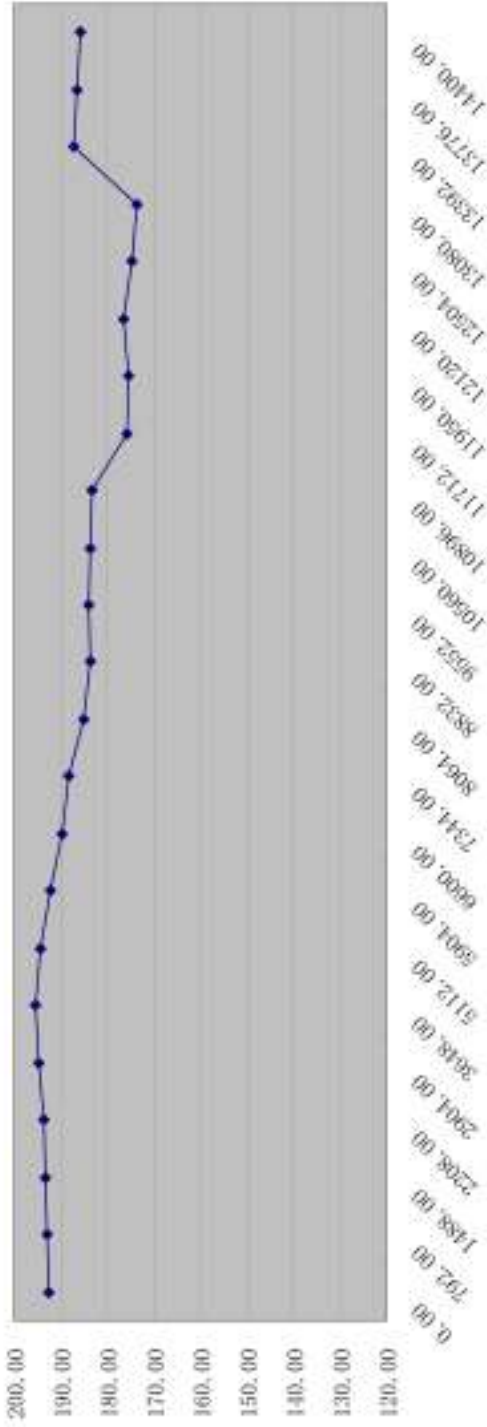
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## Light decay:

### High power LED street light life time test report

test condition

Use two pcs 70W high power LED street light, outdoor continuously keep ON, for 14400hours





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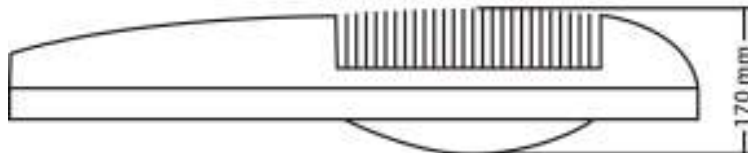
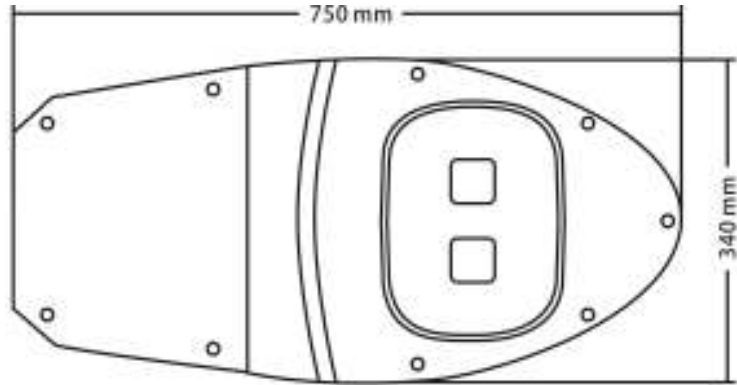
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## Product Dimensions:





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### Usage and installation:

- **This product is applicable for wide voltage AC power supply network, environmental temperature is around  $-40^{\circ}\text{C}\sim 55^{\circ}\text{C}$ .**
- **During installation please first to fix the street lights on poles through installation brackets. 4.3.1 If power supply is DC driven, red cable of street light for anode, white cable for cathode.**
- **If power supply is AC/DC driven, colored cable of street lights should be connected with ground (having nameplate with ground)**
- **Connecting power supply after checking, lights can work.**
- **Installation (As below picture shows):**
- **Open the stainless clasper, and open the crust of the street light and open underprop. Connect cables of street light. Pay attention to the notes of connection. Cable connection should be distinguished zero wire N, ground wire, live wire. Set sealed circle onto bracket tube of light pole and set into light installation loop. Please note to set it on an even keel and fix with bolt. The largest buckle stainless clasper. Don't press light wires.**

