

## 100W LED Area Lighting TD1100-002-A01 (14,500Lumens)



### Features :

- Best 100W High Efficacy(145lm/w) & Least Thermal Requirement PCB (Tpcb<60C°@Ta=25C°)
- Integrated Thermal Design & Strong Die-Casted Housing (Material: ADC12)
- Adjustable Arm Bracket Angles for Flexible Street Lamp Mounting
- Different Bracket: Slip Fitter, Extruded Arm or U Bracket Options
- Daylight Sensor or Smart Lora Control for Choice
- IP Protection: IP65

### Electrical Specifications:

Model Number: TD1100-002-A01  
Wattage: 100W  
Voltage: AC100-347V 50/60Hz  
LED Light Source: 100W K-SMD Chip  
Power Factor (PF) :  $\geq 0.92$   
Driver Efficiency:  $\geq 93.5\%$   
Operating Temperature:  $-40^{\circ}\text{C} \sim 55^{\circ}\text{C}$  ( $-40^{\circ}\text{F} \sim 131^{\circ}\text{F}$ )  
Surge Protection: IEEE C62.41.2 10KV/10KA

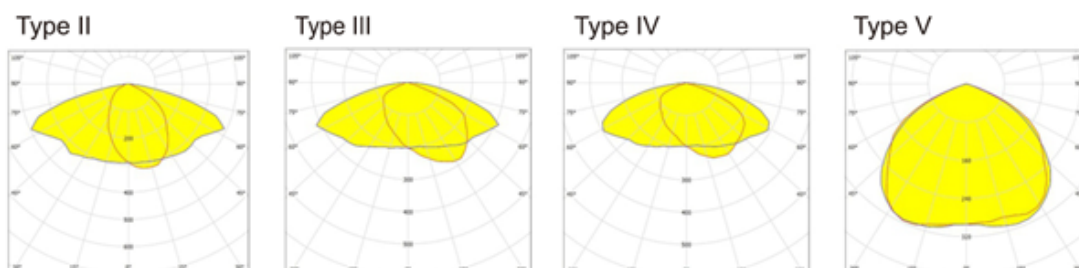
### Mechanical Specifications:

Dimension (mm): 549.2\*270.5\*130mm  
Life Span (L70) >50,000hrs @25°C  
IP Rating: IP65

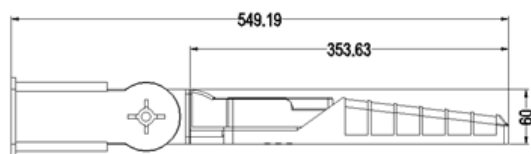
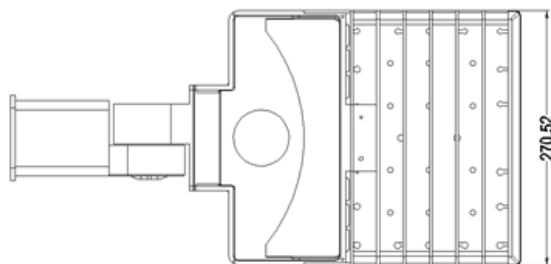
### Photometric Specifications:

Luminous Flux: 14500lm  
Color Rendering Index (CRI):  $> 70\text{Ra}$   
Color Temperature (CCT): 4000~5700K  
Optional Beam Angle: Type I, II, III, IV Optional

### Light Distribution Curve:

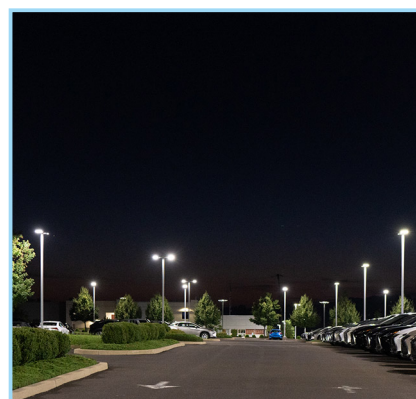
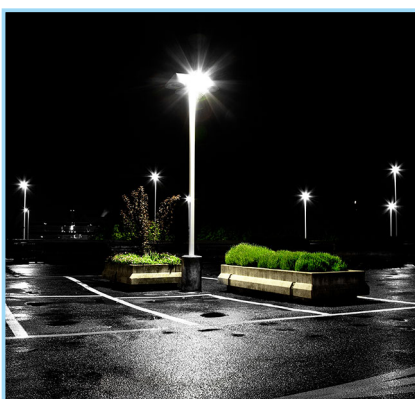
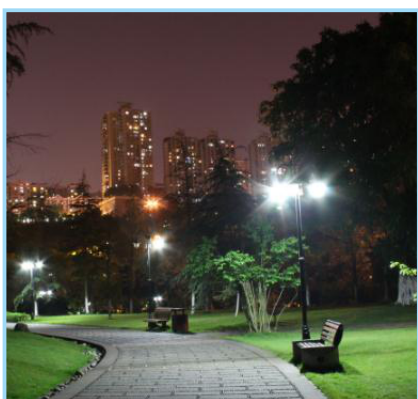


## TD1100-002-A01 Dimensions:



## Applications:

A great variety of applications in Area Lighting, Street Light, Parking lot, Flood Light and more.



Item	Model Number	LED Power (W)	Size (mm)	Suitable Light Pole Diameter (mm)	Net Weight (kg)	Gross Weight (kg)
1	TD1080-002-A01	80W	549.2*270.5*130	Ø40/Ø60	5.30	6.20
2	TD1100-002-A01	100W	549.2*270.5*130	Ø40/Ø60	5.30	6.20
3	TD1150-002-A01	150W	549.2*270.5*130	Ø40/Ø60	5.30	6.20
4	TD1200-002-A01	200W	653.7*320*176	Ø40/Ø60	7.00	7.80
5	TD1250-002-A01	250W	653.7*320*176	Ø40/Ø60	7.00	7.80
6	TD1320-002-A01	320W	753.7*320*178	Ø40/Ø60	9.19	10.21