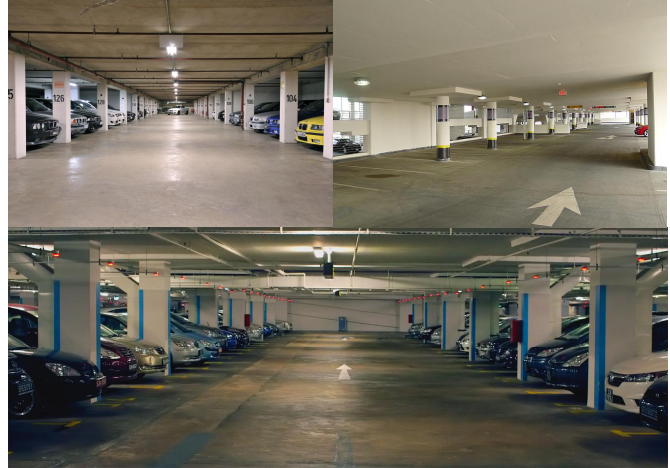




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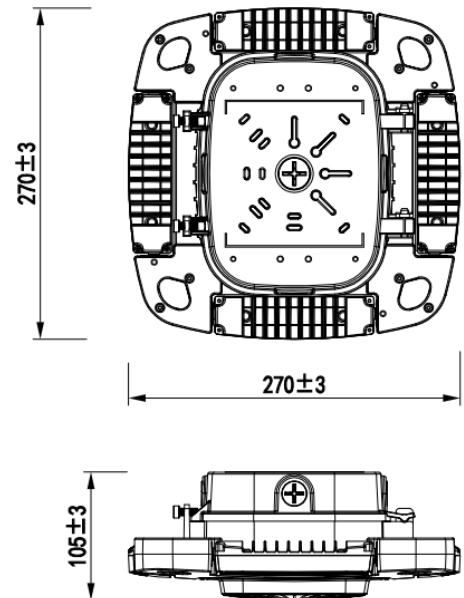
### P/N :AST-PG04-55WAS1A1-abcd

#### Note:

- AST= Company name
- PG04 = Product series, LED Parking Garage Light
- 55W = Rating Power
- A =LED manufacturer,Lumileds
- S1 = Cover type,Clear Stripe
- A1 = Version number
- a= Housing colors, GR =grey、WH=White、BR=Brown or Customized
- b= S or blank
- represent Surge protector or None Surge protector
- c= MS or blank
- represent Motion Microwave sensor or None motion-sensor
- d = CCT, can be 30, 35, 40, 45, 50, 57.

#### Application:

- Widely used in gas station, service station, underground parking lot, warehouse, garage;
- Work floor, factory and so on.



#### ADVANTAGE

- UL cUL DLC-V5.1(Premium) certificate.
- IP65 driver, input voltage 100-277VAC.
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
- Instant start, NO humming.
- Green and eco-friendly without mercury.

# TECHNICAL DATA SHEET

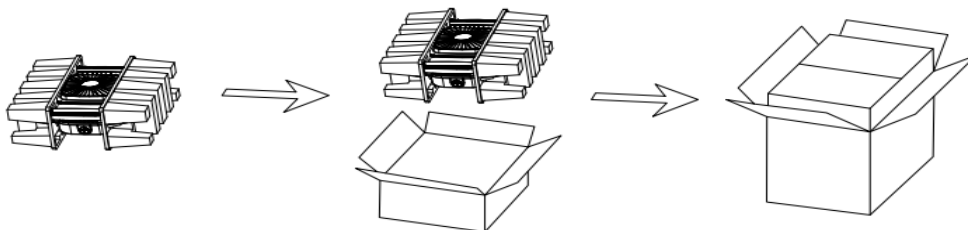
## SPECIFICATIONS

<b>OPTICAL</b>	Input Power (Tolerance : ±10%)	55W					
	Color Temperature	3000K	3500K	4000K	4500K	5000K	5700K
	Lumen (Tolerance : -10%)	6329 LM	6384 LM	6438 LM	6484 LM	6530 LM	6658 LM
	Efficacy (Tolerance : -3%)	119 LM/W	120 LM/W	121 LM/W	122 LM/W	123 LM/W	126 LM/W
	CRI	>80					
	Color Consistency	<6 Steps (or <6 SDCM)					
	BUG	B2-U3-G2					
	Diffuser Type	Clear Stripe PC					
Beam Angle (50%) (Tolerance : ±15%)	160 Degree						
<b>ELECTRICAL</b>	Input Voltage and Frequency	100-277VAC, 50/60Hz;					
	PF (Tolerance : -3%)	≥0.9					
	THD (Tolerance : +5%)	≤20%					
	Flicker Percent	<70%					
	Driver Brand	Daermay					
	Driver Model	DY001-ID060-42					
	Driver Surge protection	L/N-PE: 2kV, L-N: 2kV					
	Dimming	1-10V dimming standard					
<b>MATERIALS</b>	LED Brand	Lumileds 2835					
	LED Type	SMD2835 (0.5W)					
	LED QTY	182 PCS					
	Housing	Die-cast aluminum					
	Housing Color	White, or Customized					
	Waterproof Rating	WET (IP65)					
<b>OTHERS</b>	Operating Temperature	-30°C TO +55°C					
	Storage Temperature	-40°C TO 80°C					
	Operating Humidity	20% - 90% RH					
	Storage Humidity	10%-95% RH					
	Warranty	5 years warranty with 24/7 operating hours Luminaire lifetime at 25°C.					

## Package

**Lamp Net Weight: 2.4 KG / PC**

	Size	Qty / Carton	Gross Weight / Carton
Inner box	305*145*310 MM	1 PC	2.6 KG
Outer box	320*305*330 MM	2 PCS	5.8 KG



# TECHNICAL DATA SHEET

## LIGHT DISTRIBUTION TESTING PARAMETERS

### Luminaire Property

Luminaire Manufacturer:  
 Luminaire Category:  
 Lamp Catalog:  
 Number of Lamps:  
 Luminous Length (mm):  
 Luminous Height (mm):  
 Current: 0.447 A  
 Power Factor: 0.984

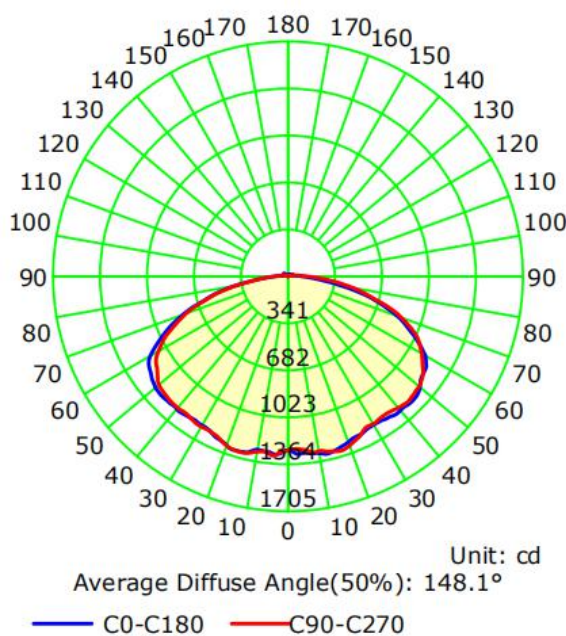
Luminaire Description:  
 Lamp Description:  
 Lumens per Lamp:  
 Luminous Width (mm):  
 Voltage: 120.0 V  
 Power: 52.85 W

### Photometric Results

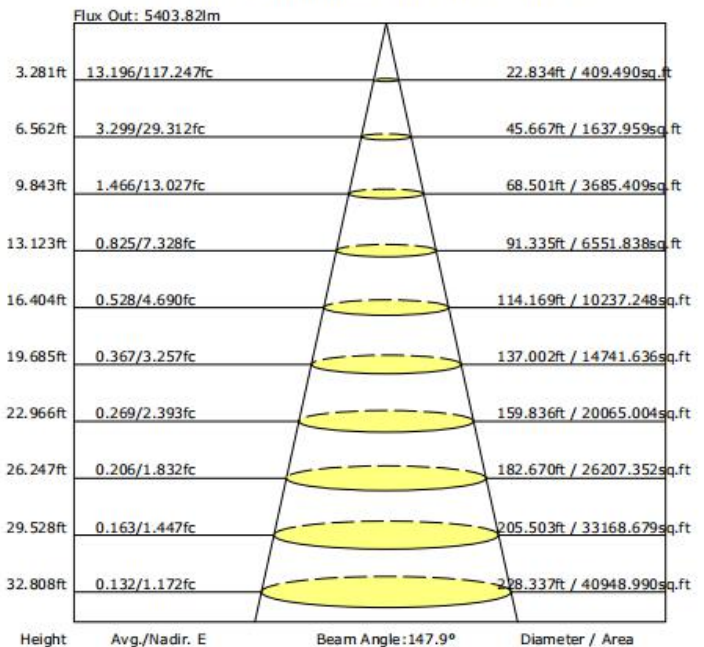
IES Classification: Type IV  
 Total Rated Lamp Lumens: 6329.4 lm  
 Efficiency: 100%  
 Upward Ratio: 4%  
 C0r0 Intensity: 1262.04 cd  
 Pos of Max. Intensity: H337.5 V13

Longitudinal Classification: Very Short  
 Measurement Flux: 6329.4 lm  
 Downward Ratio: 96%  
 Luminaire Efficacy Rating (LER): 119.81  
 Max. Intensity: 1364.79 cd

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



### NOTICE FOR USER

- Please turn off power before install or change assembly parts.
- The input voltage and lamps should be matched, after connecting the power line, Please make sure the wiring section is insulated.
- No-professionals, must not install and disassemble the lamps.

### TROUBLE SHOOTINGS

Troubles	Check points
Flickering of the light	Turn off the power and turn on again in 3 minutes. If same phenomena occur, then call agencies.
Out of working	Please check the connection.