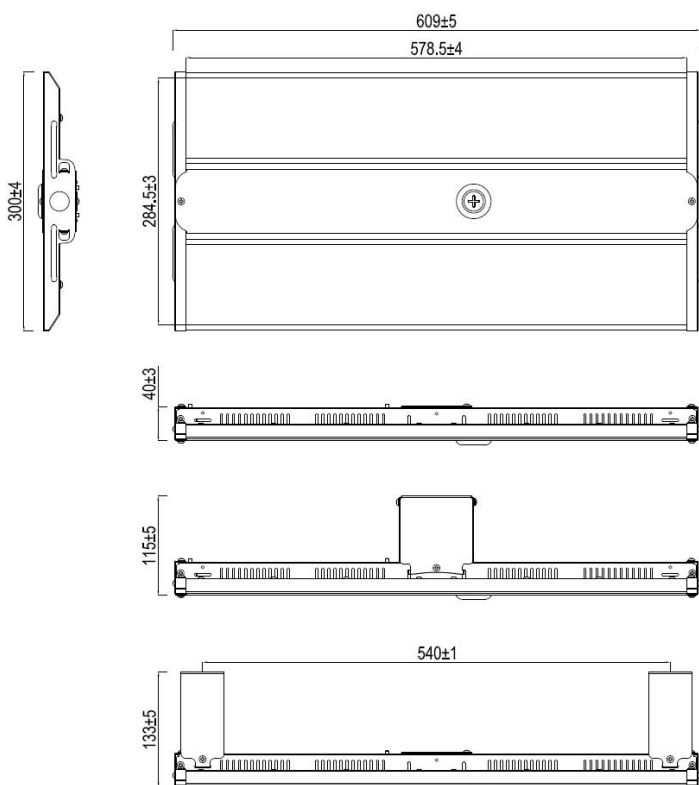




P/N: LW01956



DIMENSIONS



ADVANTAGE

- UL cUL DLC certificate.
- Lumileds Chip, high CRI.
- Input voltage 120-277VAC.
- Output constant current lever can be adjusted through output cable with 0-10V.
- 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 flickering, NO humming.
- Green and eco-friendly without mercury.

APPLICATION

- Warehouse, factory and workshops;
- Exhibition hall and supermarkets, etc.

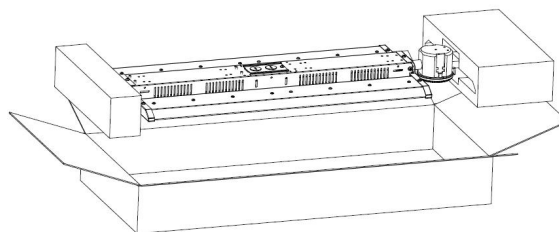
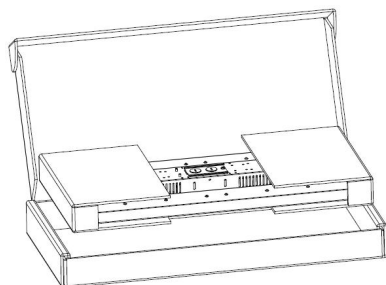
SPECIFICATIONS

OPTICAL	Input Power (Tolerance : $\pm 10\%$)	165W			
	Color Temperature	4000K	4500K	5000K	5700K
	Lumen (Tolerance : $\pm 10\%$)	23039 LM	23027 LM	23016 LM	22993 LM
	Efficacy (Tolerance : $\pm 3\%$)	141 LM/W	141 LM/W	141 LM/W	140 LM/W
	CRI	>80			
	Color Consistency	<6 Steps (or <6 SDCM)			
	UGR	<27 (X=4H, Y=8H; S/H=1; Reflectances: 70%/50%/20%)			
	Diffuser Type	Matte Lens			
	Beam Angle (50%) (Tolerance : $\pm 15\%$)	90 Degree			
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 50/60Hz			
	PF (Tolerance : -3%)	≥ 0.9			
	THD (Tolerance : +5%)	$\leq 20\%$			
	Flicker Percent	$\leq 30\%$			
	Driver Brand	Tosmart			
	Driver Model	AST-CNB-150U-130V-A (Non-isolated driver)			
	Driver Surge protection	L/N-PE: 2kV, L-N: 2kV			
	Dimming	0-10V dimming (dimming scope 0-100%)			
	Sensor Type	Daylight Sensor,Occupancy Sensor,Multifunction Sensor			
	Optional Accessory	AC/DC Motion Microwave sensor, AC/DC Motion PIR sensor			
MATERIALS	LED Brand	Lumileds			
	LED Type	SMD 2835			
	LED QTY	300 PCS			
	Housing	IRON			
	Housing Color	White, or Customized			
	Waterproof Rating	DAMP (IP20)			
OTHERS	Operating Temperature	Without Motion Sensor: -30℃ TO 50℃			
		With Motion Sensor: -30℃ TO 50℃			
	Storage Temperature	-30℃ TO 80℃			
	Operating Humidity	20% - 90% RH			
	Storage Humidity	10% - 95% RH			
	Warranty	5 years			

PACKAGE Drop test: ISTA-3B

	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box (No Sensor/ DC Sensor)	660*320*65 MM	1 PC	2.4KG/PC	3.5KG
Outer box(AC Sensor)	755*340*100 MM	1 PC	2.7KG/PC	4.2KG

Tolerance of Carton Size: ± 15 MM, Tolerance of Weight: $\pm 10\%$.



LIGHT DISTRIBUTION TESTING PARAMETERS**Photometric Results**

CIE Class: Direct

Measurement Flux: 23039.4 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(10%,50%): H145.8,H88.3

Vertical Diffuse Angle(10%,50%): V148.1,V104.1

Luminaire Efficacy Rating (LER): 141.79

Max. Intensity: 9767.23 cd

S/MH(C0/C180): 1.27

Total Rated Lamp Lumens: 23039.4 lm

Efficiency: 100%

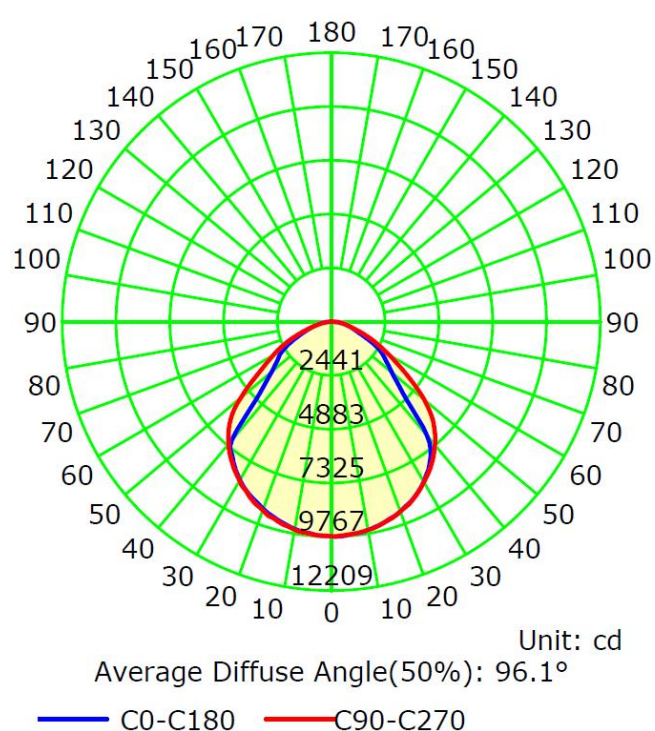
Upward Ratio: 0%

C0r0 Intensity: 9739.88 cd

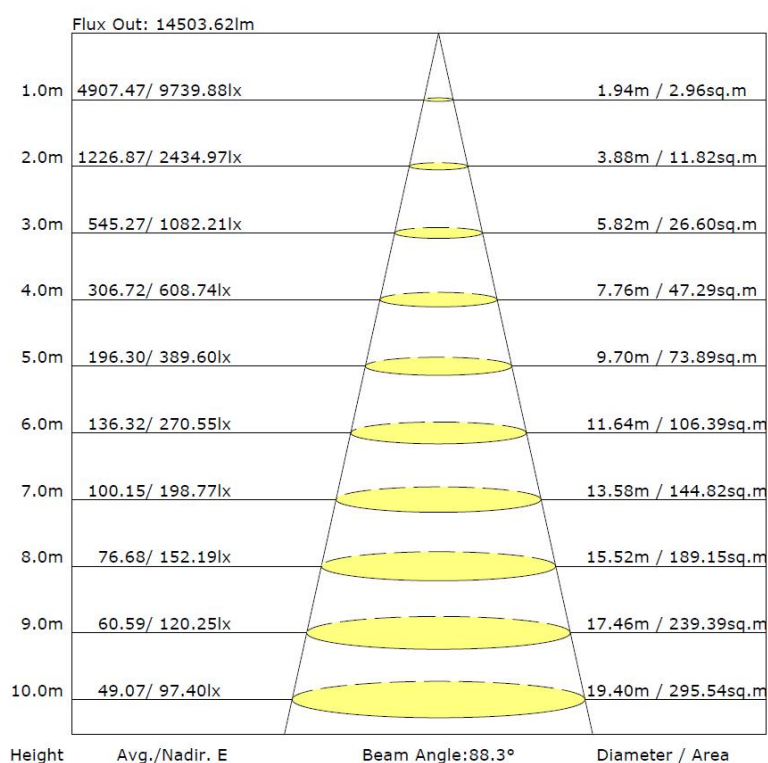
Pos of Max. Intensity: H67.5 V1

S/MH(C90/C270): 1.28

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.