



Tanlite Lighting  
 sales@tanlite.com  
 (510) 556 0948  
 www.tanlite.com

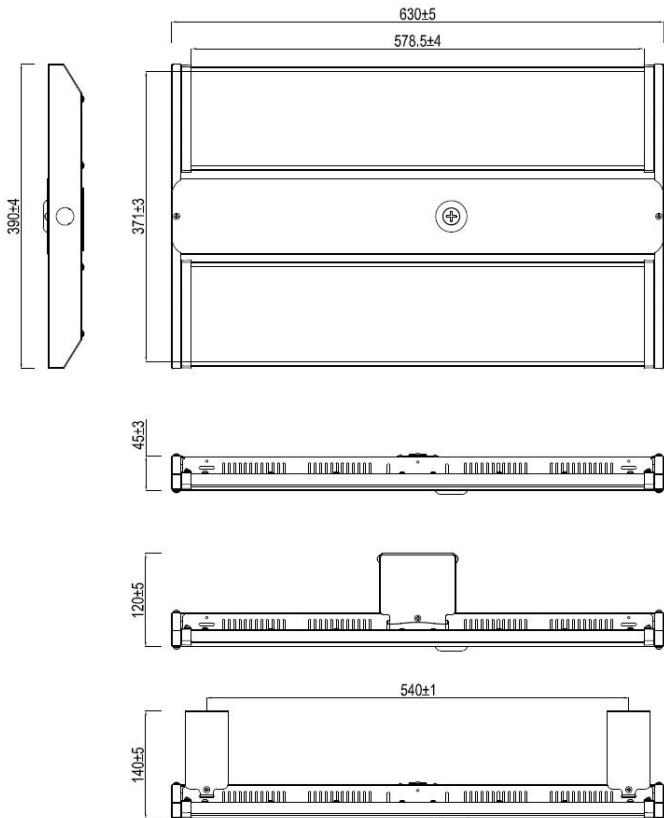
## ADVANTAGE

- UL cUL certificate.
- Lumileds Chip, high CRI.
- Input voltage 277-480VAC.
- Wattage adjustable.
- 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.

## DIMENSIONS



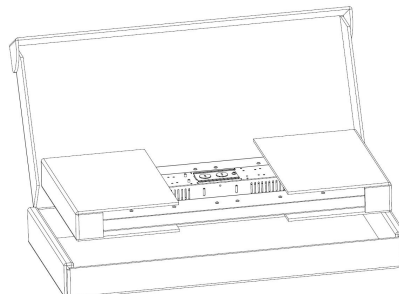
## SPECIFICATIONS

<b>OPTICAL</b>	Input Power (Tolerance : $\pm 10\%$ )	220W ( e=W: Wattage adjustable 100%,70-90%,40-70% Three wattages adjustable )
	Color Temperature	4000K, 4500K, 5000K, 5700K
	Lumen (Tolerance : $\pm 10\%$ )	29500~31500 LM @220W
	Efficacy (Tolerance : $\pm 3\%$ )	137~142 LM/W @220W
	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
<b>ELECTRICAL</b>	Input Voltage and Frequency	277-480VAC, 50/60Hz
	PF (Tolerance : -3%)	$\geq 0.9$
	THD (Tolerance : +5%)	$\leq 20\%$
	Flicker Percent	$\leq 5\%$
	Driver Brand	Fahold
	Driver Model	FD-240V-050B
	Driver Surge protection	L/N-PE: 6kV, L-N: 6kV
	Dimming	0-10V dimming (dimming scope 0-100%)
	Sensor Type	Daylight Sensor,Occupancy Sensor,Multifunction Sensor
	Optional Accessory	AC/DC Motion Mircowave sensor, AC/DC Motion PIR sensor, Wire guard
<b>MATERIALS</b>	LED Brand	Lumileds
	LED Type	SMD 2835
	LED QTY	460 PCS
	Housing	IRON
	Housing Color	White, or Customized
	Waterproof Rating	DAMP (IP20)
<b>OTHERS</b>	Operating Temperature	Without Motion Sensor: -30°C TO 50°C
		With Motion Sensor: -30°C TO 50°C
	Storage Temperature	-30°C TO 80°C
	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)	680*410*70 MM	1 PC	4.0KG/PC	5.2KG

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

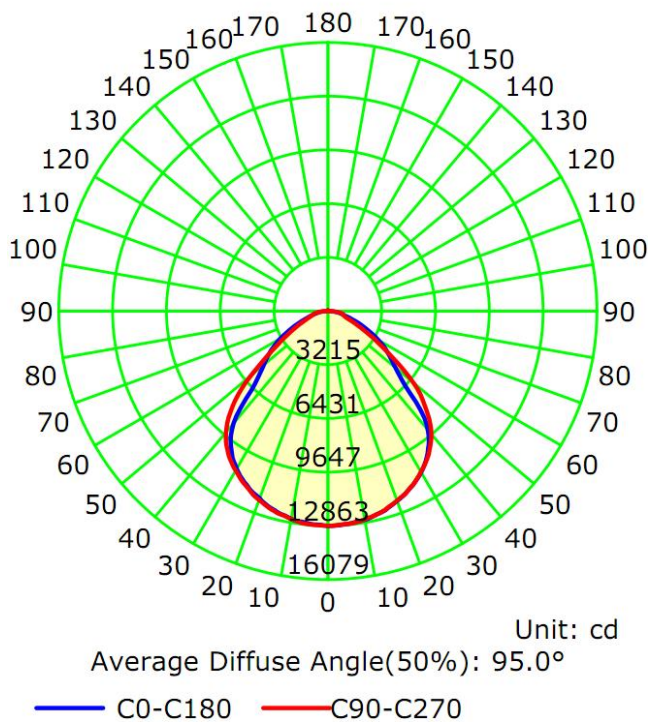


## LIGHT DISTRIBUTION TESTING PARAMETERS @ Matte Lens

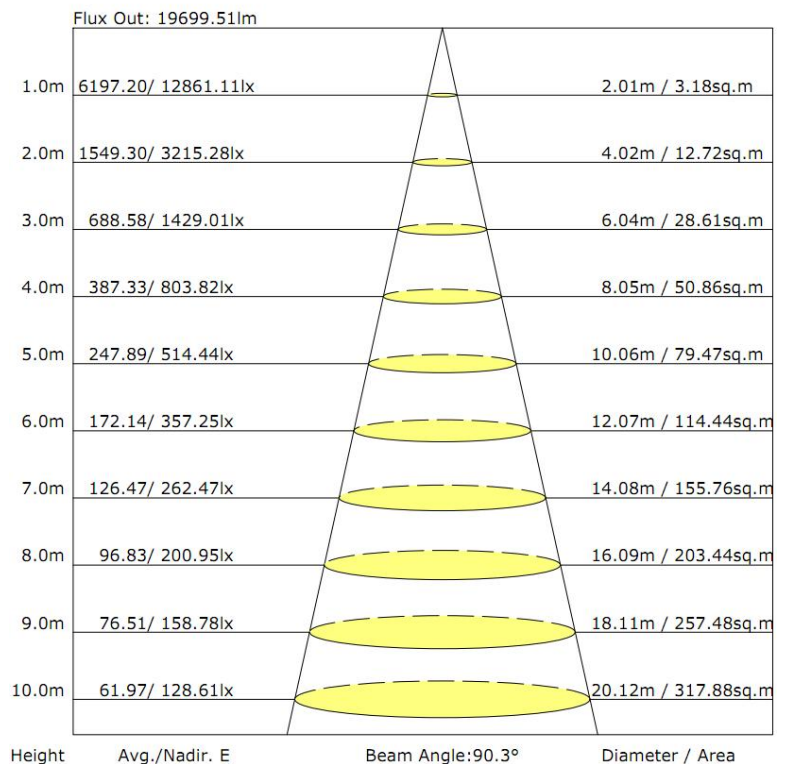
### Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 29891.6 lm
Measurement Flux: 29891.6 lm	Efficiency: 100%
Downward Ratio: 100%	Upward Ratio: 0%
Horizontal Diffuse Angle(10%,50%): H144.6,H90.3	
Vertical Diffuse Angle(10%,50%): V138.8,V99.7	
Luminaire Efficacy Rating (LER): 138.47	C0r0 Intensity: 12861.11 cd
Max. Intensity: 12863.3 cd	Pos of Max. Intensity: H112.5 V1
S/MH(C0/C180): 1.27	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.