LED TRAIL
Save Energy | Save Money™

LED Trail
E-mail: info@ledtrail.com
www.ledtrail.com

P/N: LTR-HB-200-1

DIMENSIONS

201

232

⌀370

⌀370
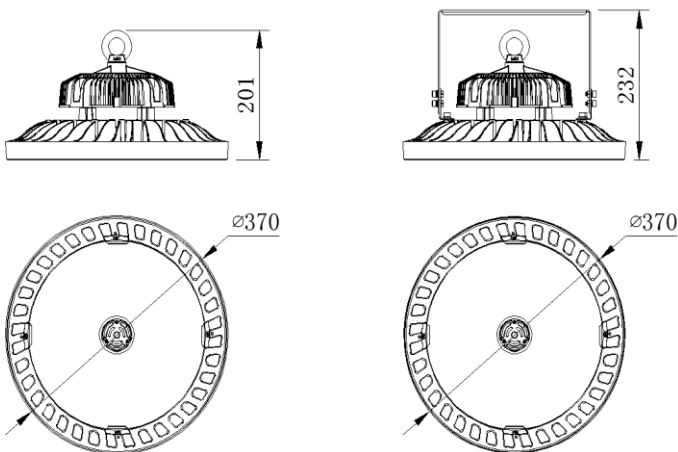
7.9" x 14.6"

9.1" x 14.6"

ADVANTAGE

➢ UL cUL 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.
➢ Green and eco-friendly without mercury.

APPLICATION

➢ Warehouse, factory and workshops;
➢ Highway toll station and gas station;
➢ Exhibition hall;
➢ Gymnasium and supermarkets, etc.

SPECIFICATIONS

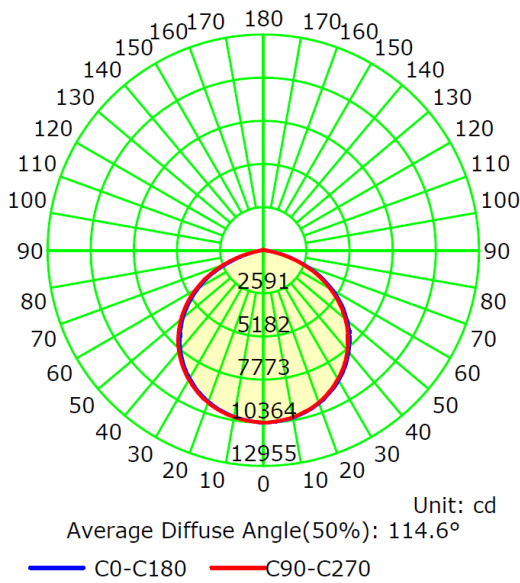|		
OPTICAL	Input Power	200W
	Cover	Flat clear glass
	Lumen	28000-31000LM
	Viewing Angle	110°
	Color Temperature	4000K/4500K/5000K/5700K
	CRI	>80
ELECTRICAL	Input Voltage	100-277VAC 50/60Hz
	PF	≥0.9
	THD	≤20%
	Driver	1-10V dimming
	Optional Accessory	Motion Sensor/Surge-Protective Device
MATERIALS	LED Type	SMD2835 (0.5W)
	LED QTY	640 PCS
	Housing	Aluminum Alloy
	Housing Color	Any colors
	Cover	Flat clear glass
	Waterproof Rating	WET(IP65)
OTHERS	Operating Temperature	-40℃ TO 50℃
	Operating Humidity	10％-90％ RH
	Storage Temperature	-40℃ TO 80℃
	Storage Humidity	10％-95％ RH
	Warranty Time	5 Years

LED TRAIL
Save Energy | Save Money™

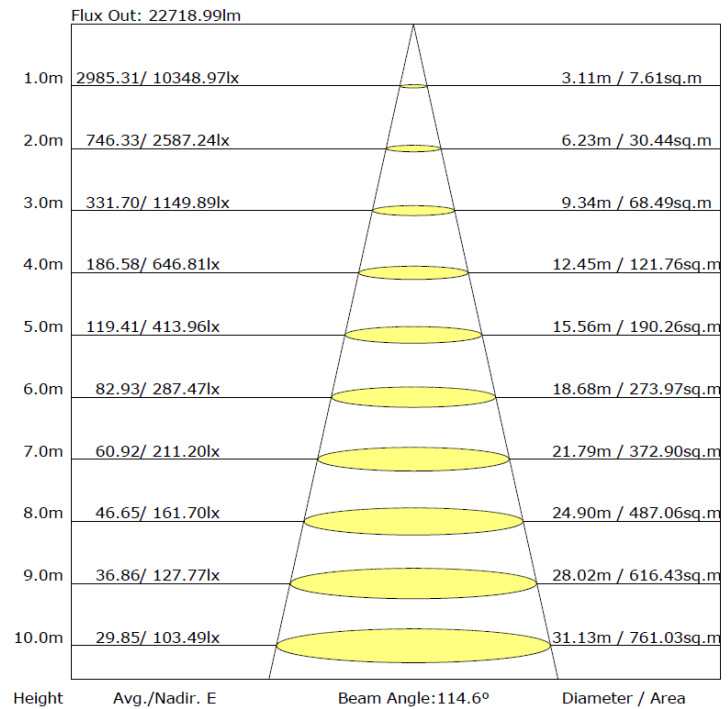## LIGHT DISTRIBUTION TESTING PARAMETERS

Photometric Results

IES Classification: Type II
Total Rated Lamp Lumens: 29457.0 lm
Efficiency: 100%
Upward Ratio: 0%
Central Intensity: 10348.97 cd
Pos of Max. Intensity: H315 V1

Longitudinal Classification: Very Short
Measurement Flux: 29457 lm
Downward Ratio: 100%
Luminaire Efficacy Rating (LER): 145.55
Max. Intensity: 10364.76 cd

Luminous Intensity Distribution Curve

Unit: cd
Average Diffuse Angle(50%): 114.6°
—— C0-C180   —— C90-C270

The Average Illuminance Effective Figure

Flux Out: 22718.99lm

Height	Avg./Nadir. E	Beam Angle:114.6°	Diameter / Area
1.0m	2985.31/ 10348.97lx		3.11m / 7.61sq.m
2.0m	746.33/ 2587.24lx		6.23m / 30.44sq.m
3.0m	331.70/ 1149.89lx		9.34m / 68.49sq.m
4.0m	186.58/ 646.81lx		12.45m / 121.76sq.m
5.0m	119.41/ 413.96lx		15.56m / 190.26sq.m
6.0m	82.93/ 287.47lx		18.68m / 273.97sq.m
7.0m	60.92/ 211.20lx		21.79m / 372.90sq.m
8.0m	46.65/ 161.70lx		24.90m / 487.06sq.m
9.0m	36.86/ 127.77lx		28.02m / 616.43sq.m
10.0m	29.85/ 103.49lx		31.13m / 761.03sq.m

USER NOTICE

➢ Please turn off power before installing or changing assembly parts.
➢ The input voltage and lamp's should match. After connecting the power line, please make sure the wiring section is insulated.
➢ Non-professionals must not install or disassemble the lamps.

TROUBLESHOOTING

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.