



LED BlazeTroffer Light



Description:

Upgrade your office lighting with the Indirect Troffer Light, a stylish and efficient alternative to flat panel lights. Its indirect illumination reduces glare, providing smooth, uniform lighting that enhances both comfort and aesthetics. Available in 2x4 and 2x2 sizes, this fixture offers wattage and CCT adjustability for customizable brightness and color temperature. Optional features include battery backup for power outages and a microwave motion sensor for energy efficiency. Combine modern design with superior functionality for a well-lit and elegant workspace



Model: PLLSBT

Optical:

CCT:	3K,35K,4K ,5K,65K .CCT Tunable
Efficacy:	130M/W
CRI:	Ra>95

Electrical:

Rated Power:	20W-72W Power selectable
Power Factor:	>0.95
THD:	< 20% at Full Load
Input voltage:	120-277V /120-347 VAC

Life:

Lumen maintenance:	@ 25°C >54,000hrs
Warranty:	2 Years

General:

Dimmable Solution:	0-10V Dimming
Operating temperature:	-22°F to 104°F (-30°C to 40°C)
Optional:	Microwave induction and Bluetooth control
Certification:	cULus





LED BlazeTroffer Light

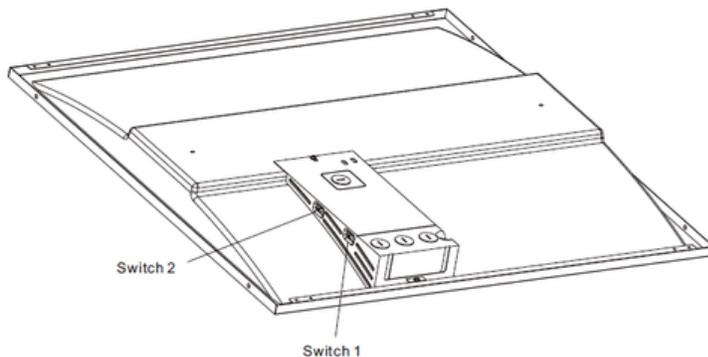
Specification

MODEL	SIZE	INPUT VOLTAGE	POWR TUNABLE	CCT	CRI	LUMINUOS EFFICIEENCY	DIMMABLE
PLLSBT40	2X2 FT	120-277VAC :UNV	20W/25W/30W/35W/40W	3000K 3500K 4000K	Ra>80	130LM/W	0-10V
PLLSBT72	2X4 FT	120-347VAC: 347	30W/40W/50W/60W/72W	5000K 6500K			

HOUSING	White high-strength metal frame,seamlessly
LENS ASSEMBLY	Polycarbonate diffuser prevents shadows and glare, while providing uniform illumination
MOUNTING	Recessed Installs into conventional grid ceilings
RECOMMENDED USE	Offices / Educational & Retail / Commercial & Institutional



POWER & CCT Selectable



Power Selectable (SWITCH1)

2x2FT / 2x4FT

20W 25W 30W 35W 40W

Power Selectable (SWITCH1)

2x4FT

30W 40W 50W 60W 72W

CCT Selectable (SWITCH2)

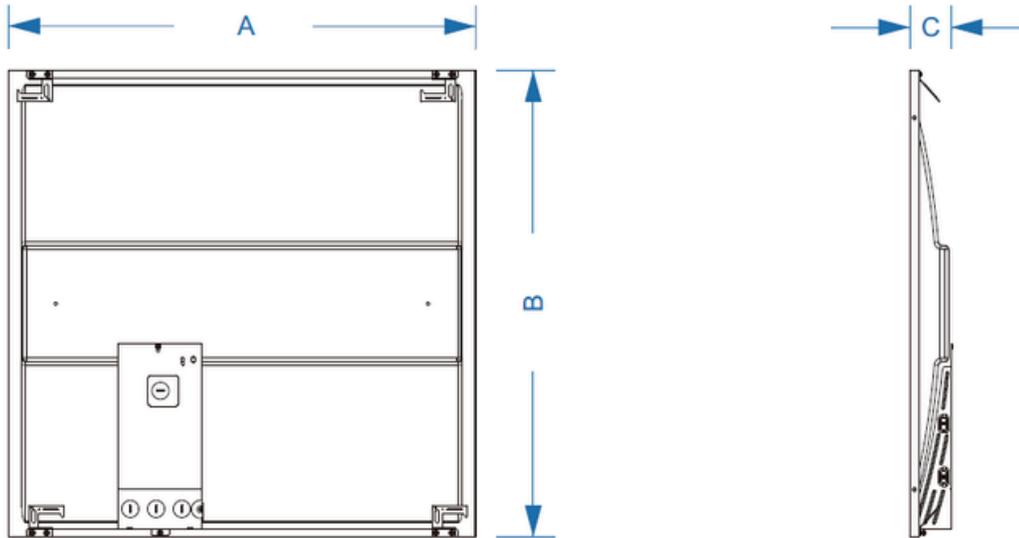
2x2FT / 2x4FT

3000K 3500K 4000K 5000K 6500K



LED BlazeTroffer Light

PRODUCT DIMENSIONS



MODEL	SIZE	A (inch)(mm)	B (inch)(mm)	C (inch)(mm)
PLLSBT40	2x2 FT	23.74"(603mm)	23.74"(603mm)	1.97"(50mm)
PLLSBT72	2x4 FT	47.75"(1213mm)	23.74"(603mm)	1.97"(50mm)

2x2 FT



2x4 FT

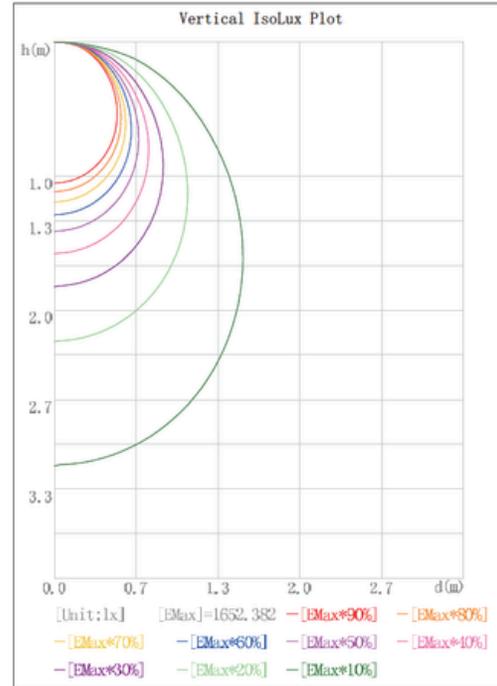
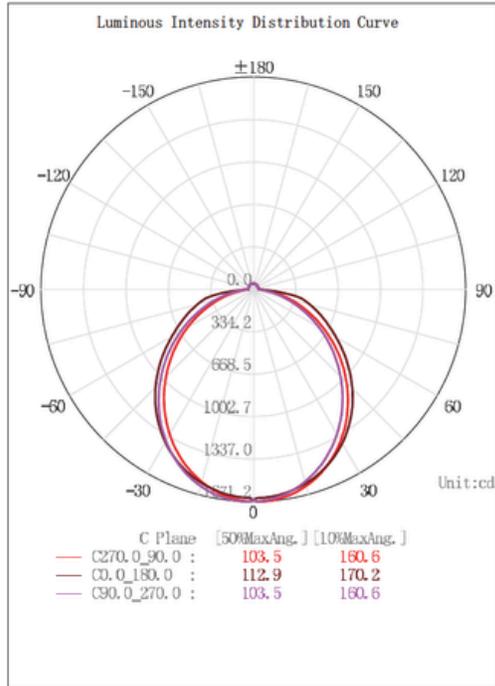




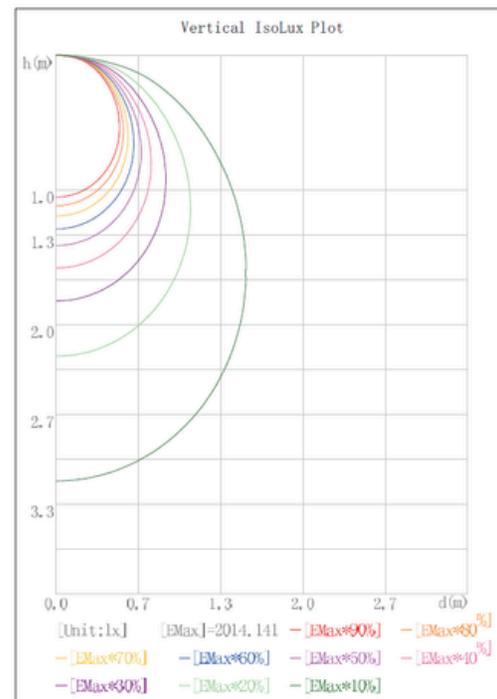
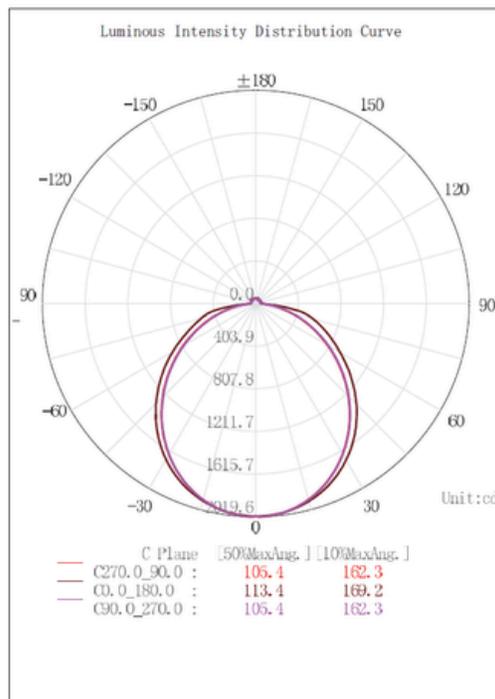
LED BlazeTroffer Light

Product Photometry

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM(2x2FT)



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM(2x4FT)





LED BlazeTroffer Light

Microwave Motion Sensor Option



Sensor Parameters :

Model NO.		HD08VR
MICROWAVE INFORMATION	Frequency	5.8GHz±75MHz
	Microwave Power	<0.3mW
	Installation Height	6m/19.68 Max.
	Detection Distance	≥3m/9ft
	Detection Angle	30-150° (Without Glass Cover)
SENSOR PARAMETER	Detection Area	25%/50%/75%/100%
	Holdtime	Remote control Options: 5s/ 30s/ 1min/ 3min/ 5min/ 10min/ 20min/ 30min APP Control Options: 5s/ 30s/ 1min/ 2min/ 3min/ 5min/ 10min/ 15min/ 20min/ 25min/30min/ 45min/ 60min/ 90min/ 120min
	Daylight Threshold	Disable/400Lux/350Lux/300Lux/250Lux/200Lux/120Lux/ 80Lux/50Lux/30Lux/10Lux/2Lux
	Standby Dimming Level	10%/20%/30%/50%
	Standby Period	Remote control Options: 0s/ 10s/ 30s/ 1min/ 5min/ 10min/ 30min/ 60min/+∞ APP Control Options: 0s/5s/30s/1min/2min/3min/5min/10min/15min/20min/ 25min/30min/45min/60min/+∞
	Dusk/Down Sensing/ Photocell	Daylight threshold as 30lux/ 50lux/ 80lux/ 120lux/ 200Lux/ 250Lux/300Lux/ 350Lux/ 400Lux Standby period as +∞ ; Standby dimming level as 10%/20%/30%
	Daylight Harvesting	1. Adjust "daylight" value higher than 50lux 2. Preset "standby period" 0S 3. press MW/PIR button 3 times till MW/PIR icons both blinking on LCD screen, daylight harvesting function enabled. (With BLE version, press DH button, daylight harvesting function enabled.)
BLUETOOTH INFORMATION	Wireless Control Range	>20m/65ft
	APP Download	Supported in both APP Store and Google Play Market
INPUT	Input Range	12VDC
	Voltage Range	10-15VDC
	Current	Remote control Options: <30mA APP Control Options: <40mA
OUTPUT	Signal	DIM 0-10V
	Connection	TipDIM+, RingVCC, SleeveGND
	Stand-by Power	<0.5W
ENVIRONMENT	Working Temp	-25°C→+60°C
	Storage Temp	-40°C→+80°C Humidity: 85% (non-condensation)
CERTIFICATE & STANDARDS	Environmental Requirements	In accordance with CE ROHS
	IP Rating	IP20



LED BlazeTroffer Light

Application

