

LED BATTEN PC 24W NW MUSHROOM

INFORMATION

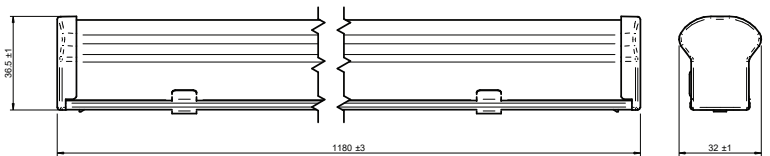
LED Batten lights are energy-efficient, environment-friendly, produce less heat, maintenance-free and durable as compared to fluorescent tube lights. Also, LED batten lights provide uniform lighting and offer significant savings on account of voltage and less power consumption. The LED technology is more sophisticated than fluorescent, incandescent or halogen lights. They are the future of lighting because of its durability and performance.

FEATURES

Designed for Indian Conditions
Internal Driver
Flicker and Glare Free Light
Suitable for Low Ceilings
Perfect Brightness Safe and Economical
Zero Mercury/UV/IR Wide Operating
Voltage Range 90-305VAC

TLBTNPCNWM24

MUSHROOM



ECO
FRIENDLY



INDOOR USE
ONLY



GREEN
ENVIRONMENT

DIMENSIONS

SR NO.	MODEL NO.(ROUND)	WATTAGE (W)	LENGHT (L)	WIDTH (W)	HEIGHT (H)
1	TLBTNPCNWM24	24W	1180±3 MM	32±1 MM	36.5±1 MM

LED BATTEN PC 24W NW MUSHROOM

TLBTNPCNWM24

PRODUCT INFORMATION

PRODUCT DESCRIPTION

ELECTRICAL PARAMETERS

Input power (W)	24W ± 10%
Input Rated Voltage(V)	220V~240V
Operating Voltage range(V)	100V~300V
Input Current (A)	0.116A
Power factor	> 0.9
ATHD (%)	< 25%
EMC	NA
Input Frequency	50Hz
Driver Efficiency	85%

OPTICAL PARAMETERS

Luminous Flux	2400 lm
Luminous Efficacy	100 lm/W
Color Temperature	4000K
CRI	> 80
Optics used	NA

Working Temperature & Humidity -10°C ~ 45°C

BIS CERTIFIED PRODUCT / IS 10322(Part 5/Sec 2):2012

PRODUCT DESCRIPTION

MECHANICAL PARAMETERS

Size (mm)	L = 1180 ± 3mm, W = 32 ± 1mm, H = 36.5 ± 1mm
Type of Mounting	Wall Mount
Material for LED Engine	MCPCB
Material for Lens	NA
Material for glass	NA
Material for Fixture	PC
Temperature rise	Luminaire body temp. < 30°C from ambient 45°C

SAFETY PARAMETERS

Protections	Surge immunity 2.0KV L, N as per IEC 61000-4-5
Protections	Short Circuit protection
Protections	Open Circuit protection
Environmental	IP20

LED/DRIVER

Driver type	Non-Isolated
Type of LED	SMD 2835
LED power	0.2W
No. of LED	240
Make of LED	Bridgelux/Chengfeng/Edison/Nationstar
LED Lumen	> 135 lm/W
LED Life	> 30,000 Hrs.

LM80 AVAILABLE

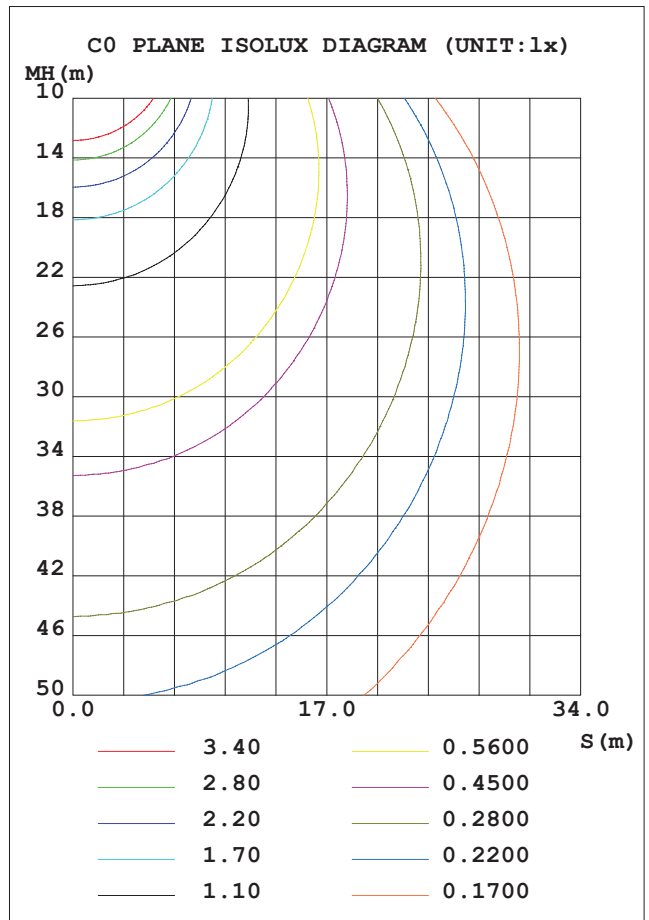
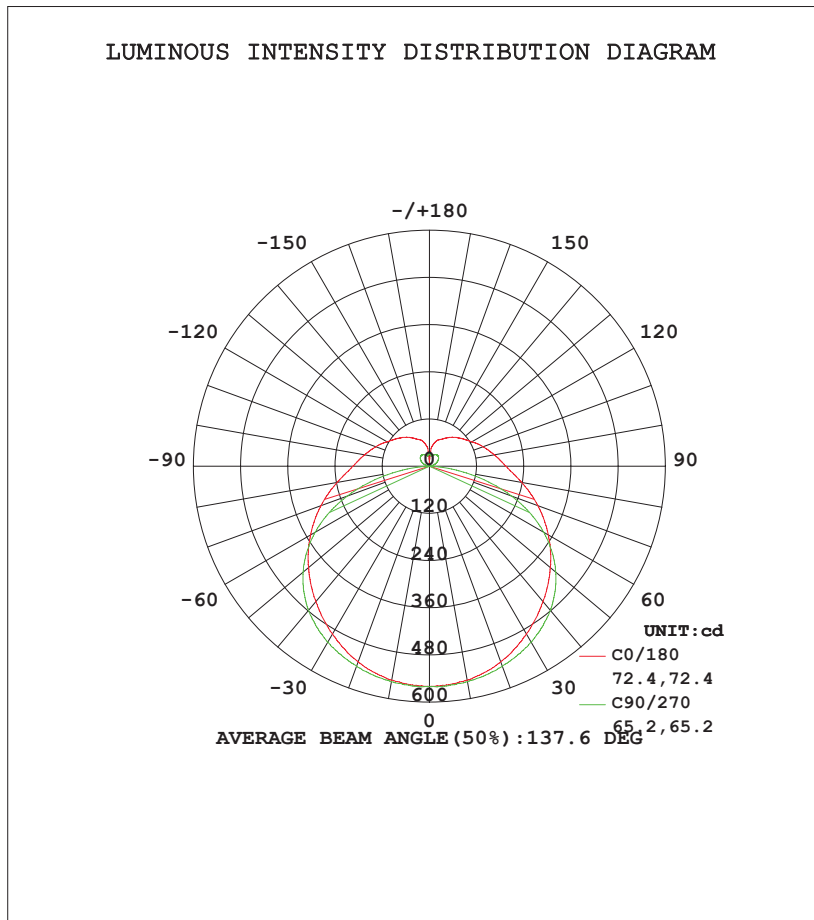
CATALOG#	
PROJECT	
TYPE	
NOTE	DATE:

LED BATTEN PC 24W NW MUSHROOM

TLBTNPCNWM24

LUMINAIRE PHOTOMETRIC TEST REPORT

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 118.57 lm/W
MODEL	24W NW	I _{max} (cd)	561.5	S/MH (C0/180)	1.31	
NOMINAL POWER (W)	22	LOR (%)	100.0	S/MH (C90/270)	1.38	
RATED VOLTAGE (V)	240	TOTAL FLUX (lm)	2689.6	η UP, DN (C0-180)	10.3, 39.7	
NOMINAL FLUX (lm)	2689.62	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	10.3, 39.7	
LAMPS INSIDE	1	η up (%)	20.6	CIBSE SHR NOM	1.50	
TEST VOLTAGE (V)	230	η down (%)	79.4	CIBSE SHR MAX	1.55	



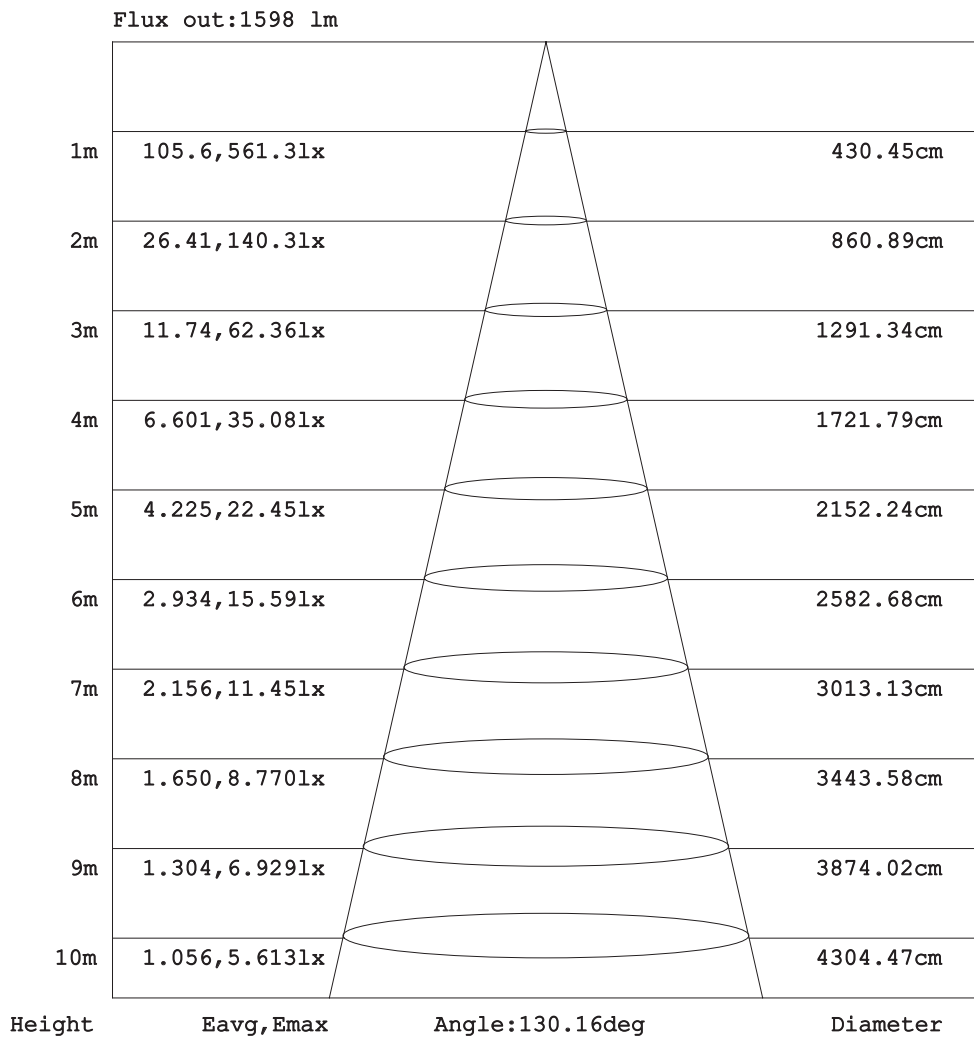
CATALOG#	
PROJECT	
TYPE	
NOTE	DATE:

LED BATTEN PC 24W NW MUSHROOM

TLBTNPCNWM24

AAI Figure

Test:U:240.31V I:0.0975A P:22.684W PF:0.9679 Freq:50.01Hz Lamp Flux:2689.62x1 lm		
NAME: 24W NW TRI COLOUR BATTEN	TYPE:TL	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:001
MFR.: Techno Electromech pvt Ltd	SUR.:	Shielding Angle:



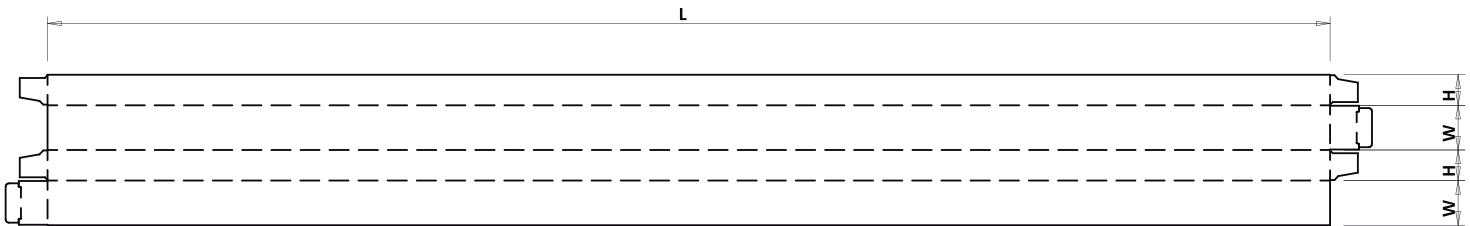
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.



LED BATTEN PC 24W NW MUSHROOM

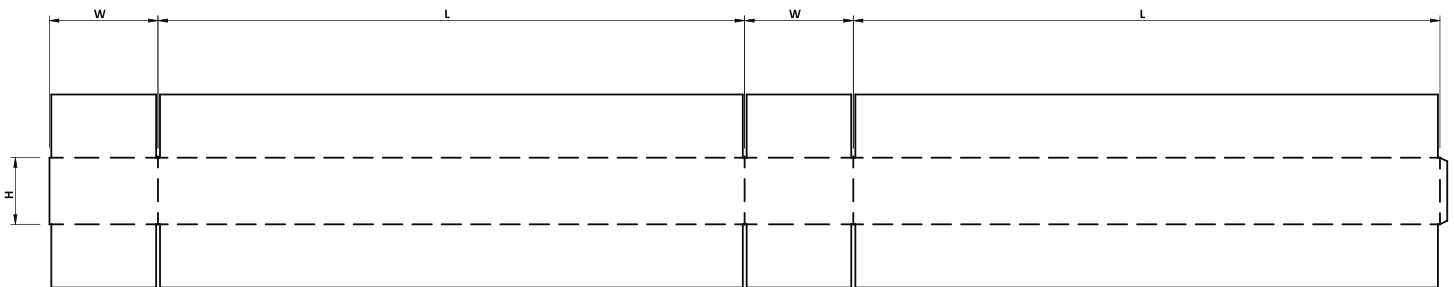
TLBTNPCNWM24

MONO BOX KLD SPECIFICATION



Mono Box Outer Dimensions - Mushroom Tri-color Batten 24W			
Wattage/Batten Profile Length	Length 'L' (mm)	Width 'W' (mm)	Height 'H' (mm)
24W / 1170 mm	1215 ± 3 mm	40 ± 1 mm	35 ± 1 mm

MASTER BOX KLD SPECIFICATION



Master Box Inner Dimensions - Mushroom Tri-color Batten 24W				
Wattage/Batten Profile length	Length 'L' (mm)	Width 'W' (mm)	Height 'H' (mm)	Case Lot (NOS)
24W / 1170 mm	1230 ± 3 mm	215 ± 2 mm	160 ± 2 mm	20

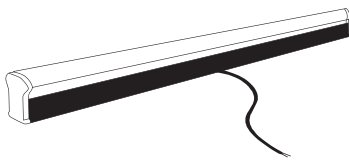
CATALOG#	
PROJECT	
TYPE	
NOTE	DATE:

LED BATTEN PC 24W NW MUSHROOM

TLBTNPCNWM24

INSTALLATION MANUAL FOR 5W, 10W, 20W, 24W, AND 36W

LED BATTEN LIGHT



APPLICATIONS

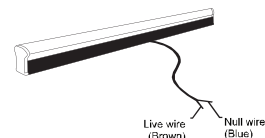
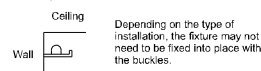
- FOR HOME LIGHTING
- FOR OFFICE LIGHTING
- FOR SHOP LIGHTING

IMPORTANT NOTE:

- The product should be installed by qualified electrician.
- To reduce the risk of electric shock turn off power supply before installation or servicing.
- Maintain interior lighting with a dry cloth. Do not use abrasives or solvent for cleaning the product. Avoid liquid on all electrical parts .
- Use in dry location only.
- Do not use where directly expose to water.
- To prevent wiring damage or abrasion, Do not expose wiring to edges of sheet metal or other sharp objects.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

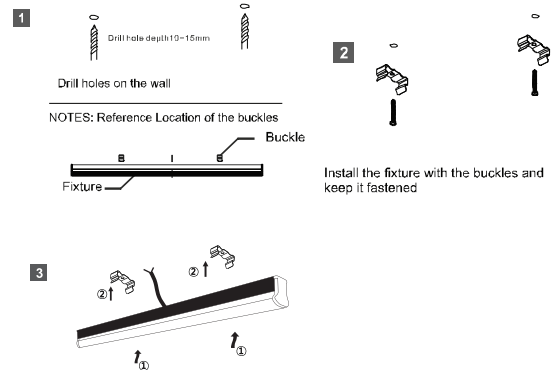
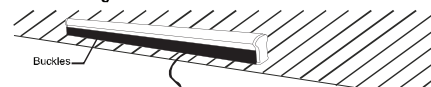
1 INDIRECT LIGHTING INSTALLATIONS

Example of installations



- Connecting The Power Cord

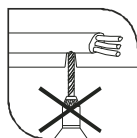
2 Wall & Ceiling INSTALLATIONS



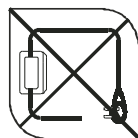
Indoor use only



Fitting Not Suitable for Bathroom



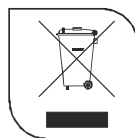
Do not drill through electrical wire



Suitable For wiring directly in to mains.



non dimmable



IP20



Environment Friendly



Environment Friendly

