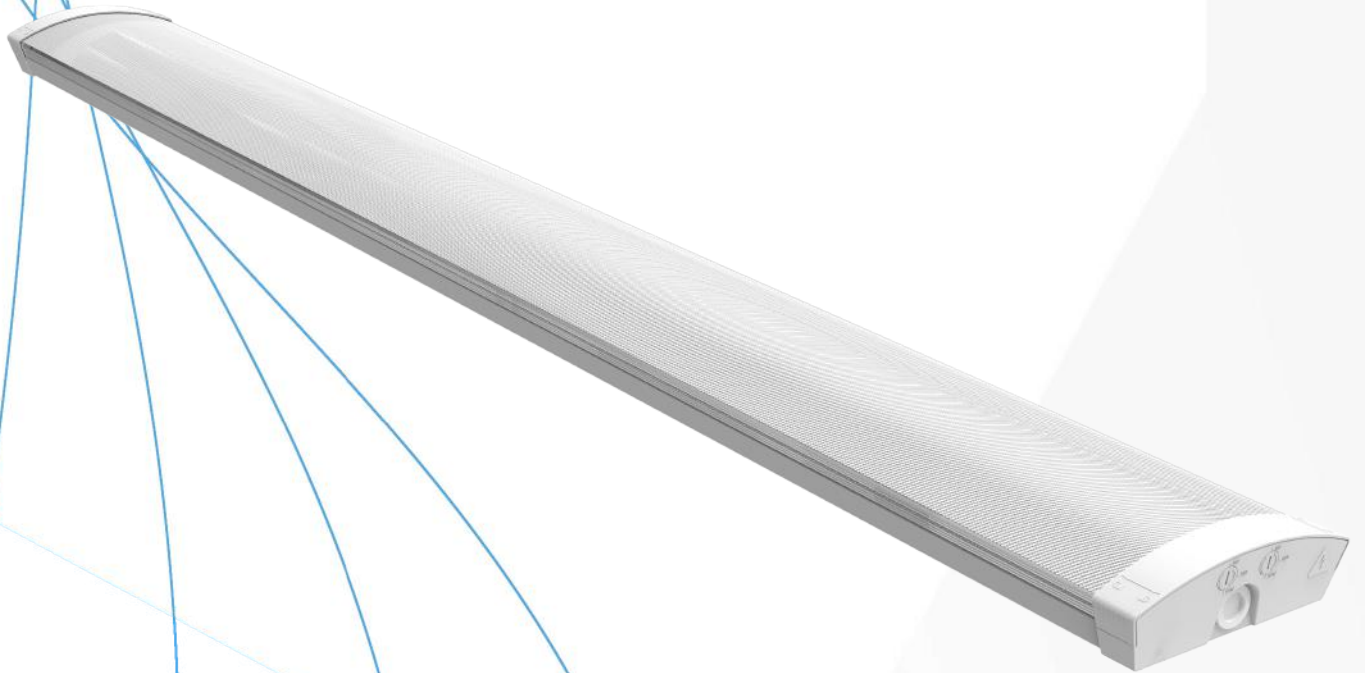


TRITONLED

# LED Batten Light DB53 Series



The DB53 Batten Light features a compact design. It utilizes high-lumen 2835 SMD chips and a high-transmittance PMMA shade to create a uniform light output. The screwless design on the back side enhances its aesthetic appeal and provides a large lighting area with high lumen efficiency. The flicker-free branded driver ensures a long lifespan, making it a great option for various applications.

### Features

- Up to 150lm/w (LEDs up to 220lm/w)
- Power selectable design.
- CCT selectable available.
- Adjustable Microwave sensor available.
- DALI / 1- 10V dimmable available
- Input Voltage: 220-240Vac, 50/60Hz, PF $\geq$ 0.90
- Warranty: 5 Years

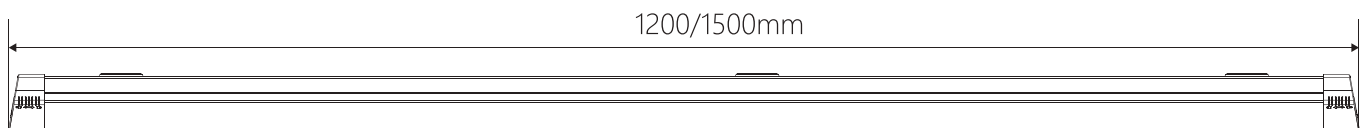
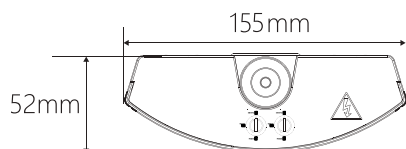
### Application Areas

It is designed for general lighting applications, including classrooms, libraries, workshops, showrooms, warehouses, factories, supermarkets, and more.

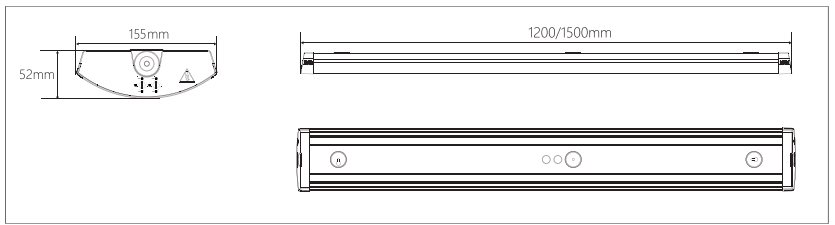


Code No.	DB53-1200mm	DB53-1500mm
Dimension(mm)	1200*155*52	1500*155*52
selectable (W)	25W/30W/35W/40W	25W/30W/40W/45W
Luminous efficiency (lm/w)	150lm/w	
Rated Input Voltage(V)	230V	
Input Voltage(V)	220-240V	
Terminal	5x1.5mm <sup>2</sup> / 5x2.5mm <sup>2</sup>	
Light Source	SMD2835	
SDCM	<5	
CCT(K)	1-CCT: 3000K/4000K/5000K/6000K    3-CCT: 3000K + 4000K + 5700K	
CCT Selection DIP Switch	Optional	
Linkable quantity(pcs)	1.2m: 48pcs x 25w 40pcs x 30w 34pcs x 35w 30pcs x 40w	1.5m: 48pcs x 25w 40pcs x 30w 30pcs x 40w 26pcs x 45w
CRI	>80	
Beam Angle (°)	120°	
UGR	22	
LED Driver	Built-in	
Dimming (Optional)	DALI / 1-10V	
Sensor (Optional)	Microwave sensor+Daylight sensor	
Emergency Kits (Optional)	Option	
Electrical Class	Class I	
Ingress Protection (IP Rating)	IP44	
Impact Resistance (IK Rating)	IK07	
Product Finishing(Base)	White RAL 9016	
Materials of Optics	PMMA	
Materials of Housing	Metal	
Lifetime (hr)	100,000h	
Glow wire test (°C)	650°C	
Operating Temp. (°C)	-20°C ~40 °C	
Storage Temp. (°C)	-20°C ~40 °C	
Installation	Surface mounted	

## Measurement



# LED uniform line Luminaire Manual



IP44 IK07

**General Safety Information**

- Installation, commissioning and maintenance only by qualified electrician.
- Never perform any work on the luminaire with voltage applied. Danger to life due to electric shock!
- Electric connection must be appropriate according to all applicable standards and other national and international safety and accident prevention regulations.
- Damaged luminaires must not be operated.
- Observe and retain safety instructions and mounting instructions
- No liability is accepted for damages resulting from improper use.
- Use genuine parts only for repair.

**Optional**

**Diffusion film**

**CCT&Power adjustable**

**CCT**  
WW  
NW

**Power**  
ON  
1 2

**1**

**OPEN**

**CLOSE**

**HODE**

**7**

**8**

**Lock**

**IP40**

**IP44**

**IP40**

**2**

**X 2st**

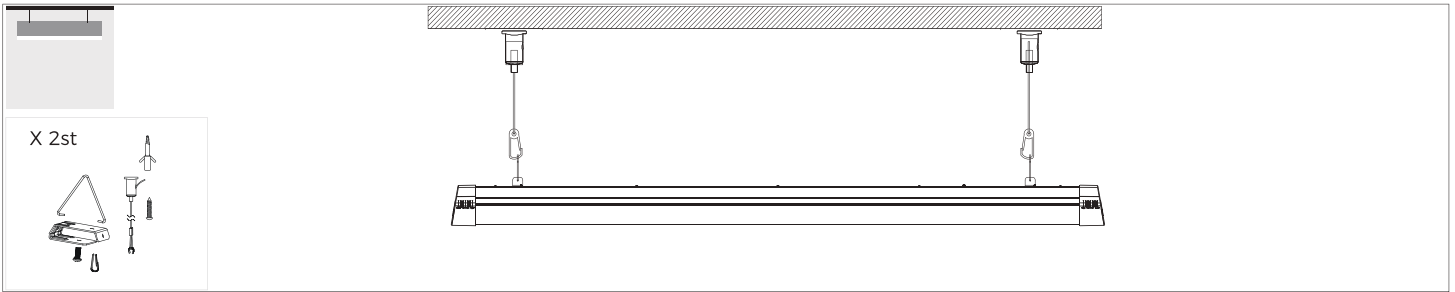
**3**

**X 2st**

**4**

**IP44**

**X 2st**



mm
mm <sup>2</sup>
1-2.5
12

**Dimmable**

Dim+  
Dim-  
E  
N  
L

**DALI**

DA  
DA  
E  
N  
L

**3 wires**

L  
E  
N

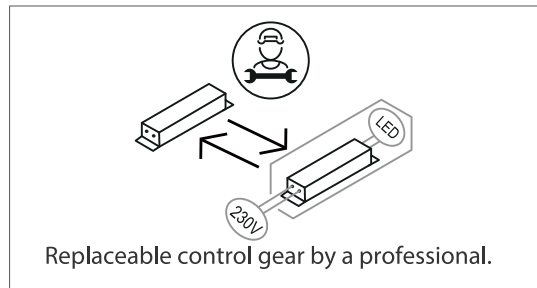
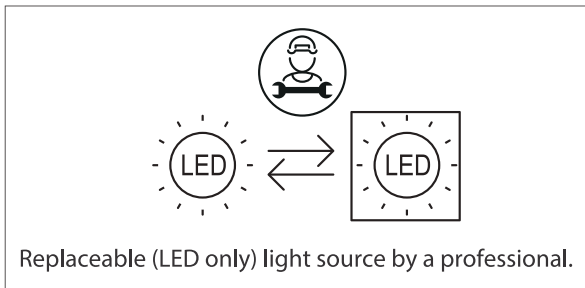
**5 wires**

L2  
L1  
E  
N  
L3

**Emergency**

PL  
SL  
E  
N

PL for emergency  
permanent live wire



### Replacement steps :

- A: Loosen the end cap and remove the diffuser;
- B: Screw out the fixing screws on PCB board and LED driver;
- C: Replace the LED module and driver with new one;
- D: Put back the diffuser and lock the end cap.

