LED Value Batten

Application:

- Indoor Contour Lighting
- Cove Lighting
- Shelf Lighting
- Backlight

* Accessories in One PKG * : *"Must Have" Clamps & Nails / Power Cable / Internal Cable*

Product description	Lumen [1]	Lifetime h [2] (L70/B50)	Watt	Color	Beam Angle [3]	Voltage
LEDVALUE BAT VK1 3.8W/830 220-240V100X1 OSRAM	350	20,000	3.8	Warm-White	160 Deg.	220-240V 50/60Hz
LEDVALUE BAT VK1 3.8W/840 220-240V100X1 OSRAM	360	20,000	3.8	Cool-White		
LEDVALUE BAT VK1 3.8W/865 220-240V100X1 OSRAM	360	20,000	3.8	Daylight		
LEDVALUE BAT VK3 10W/830 220-240V50X1 OSRAM	1000	20,000	10	Warm-White		
LEDVALUE BAT VK3 10W/840 220-240V50X1 OSRAM	1100	20,000	10	Cool-White		
LEDVALUE BAT VK3 10W/865 220-240V50X1 OSRAM	1100	20,000	10	Daylight		

Product Benefit

• Continous Lighting
• *Provide **enough accessories** to install*
• Uniform illumination
• Offers in 3 different colors to fulfill different application needs. (3000K/4000K/6500K)
• Best in Class color consistency: SDCM 6
• Color Rendering: > 80
• Max. Beam angle: Up To 160 Deg.
• Lifetime: up to 20,000 h (L70/B50) [2]
• Mercury-free and RoHS compliant
• Type of protection: IP20
• Class II luminaire for indoor usage
• Maximum Connection:
✓ **16pce for 3.8W (1ft)**
✓ **8pce for 10W (3ft)**
✓ **Mix Length Connection: <112W as total watt**.

[1] Typical values. All the technical parameters apply to the entire luminaire. In view of the complex manufacturing process for light emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values.

[2] The average lifetime of LED Luminaire is defined as the number of hours when the light output of 50% of a large group of identical lamps goes below 70% of its initial luminous flux (L70B50, IEC62612).The lifetime is estimated at room temperature (25° C), free air burning, base up burning position and at rated voltage.

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Product specifications

Common Characteristics						
Product Type	Average Lifetime	Switching Cycles	Casing Material	Starting Time	Warm up time (For 60% light)	Storage Temperature
LEDValue BAT 3.8W	20,000 hrs	100,000	PC	<0.5s	<0.5s	- 20 ~ + 80 °C
LEDValue BAT 10W	20,000 hrs	100,000	PC	<0.5s	<0.5s	- 20 ~ + 80 °C
Product Type	Tc Temperature	CRI	Mercury Max.	Lamp Current	Inrush Current	Ta (Ambient temperature range)
LEDValue BAT 3.8W	46.5°C	> 80	0.0 mg	32 mA	3.10 A	- 20 ~ + 40 °C
LEDValue BAT 10W	46.5°C	> 80	0.0 mg	76 mA	5.36 A	- 20 ~ + 40 °C

Ordering Guide

Length	Product description	IC	EAN10	EAN40	Shipping Unit
1ft	LEDVALUE BAT VK1 3.8W/830 220-240V100X1 OSRAM	AB46508002M	4052899423909	4052899423916	100
1ft	LEDVALUE BAT VK1 3.8W/840 220-240V100X1 OSRAM	AB46509002M	4052899423923	4052899423930	100
1ft	LEDVALUE BAT VK1 3.8W/865 220-240V100X1 OSRAM	AB46510002M	4052899423947	4052899423954	100
3ft	LEDVALUE BAT VK3 10W/830 220-240V50X1 OSRAM	AB46511002M	4052899423961	4052899423978	50
3ft	LEDVALUE BAT VK3 10W/840 220-240V50X1 OSRAM	AB46512002M	4052899423985	4052899423992	50
3ft	LEDVALUE BAT VK3 10W/865 220-240V50X1 OSRAM	AB46522002M	4052899424005	4052899424012	50

[3] The value of beam angle is based on C0/C180 average beam angle (50% Imax)

[4] The Tc is defined as the highest permissible temperature which may occur on the outer surface of the LED lamp (in the indicated position) under normal operating conditions and at the rated voltage/current/power or the maximum of the rated voltage/current/power range (DIN EN 62031: 2009-01)

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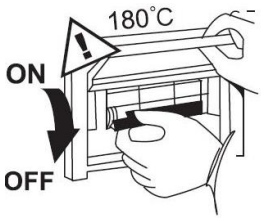
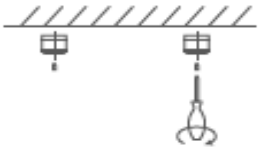
Installation Guideline

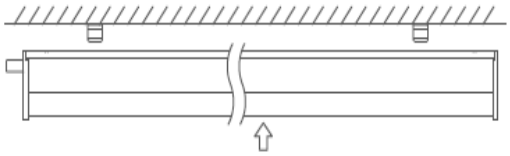
1. Disconnect the power supply before starting installation & maintenance.
   (Don't switch on until the installation or main is completed.)

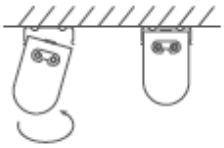


2. Install two clamps with nails (All are in one packaging.)

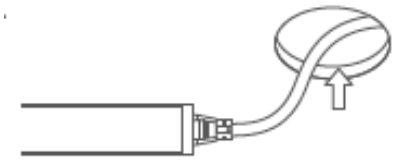


3. Install the T5 Batten on the clamps carefully. Kindly do the internal connection via the internal connectors or the internal cable if continuous lighting is needed for some area.





4. Connect the batten to the power supply via the power cable in the packaging.



5. Turn on the power supply and light the batten and enjoy the continuous lighting!

Warnings

- Ensure that any installation and maintenance be performed by a qualified electrician and the luminaire is wired in accordance with the latest IEE electrical regulations or the local equipment.
- Ensure that the power supply is off before starting installation and maintenance. Do not switch on until the installation or maintenance is completed.
- If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.
- Terminal block not included. Installation may require advice from a qualified person.

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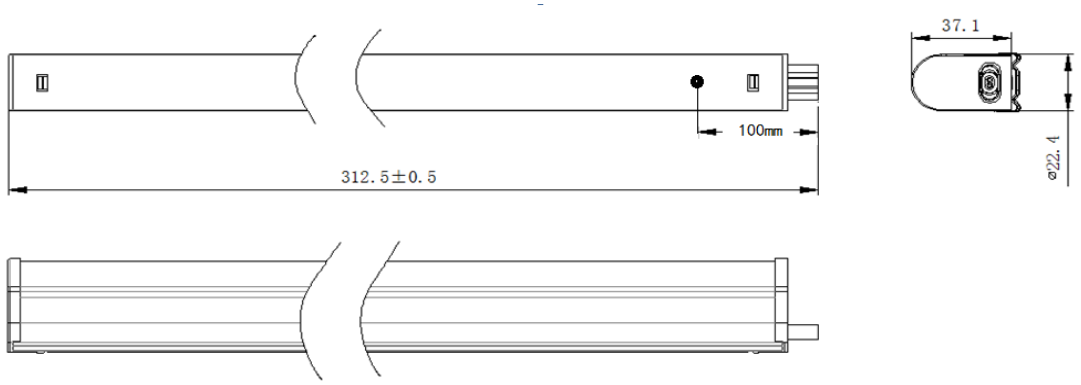
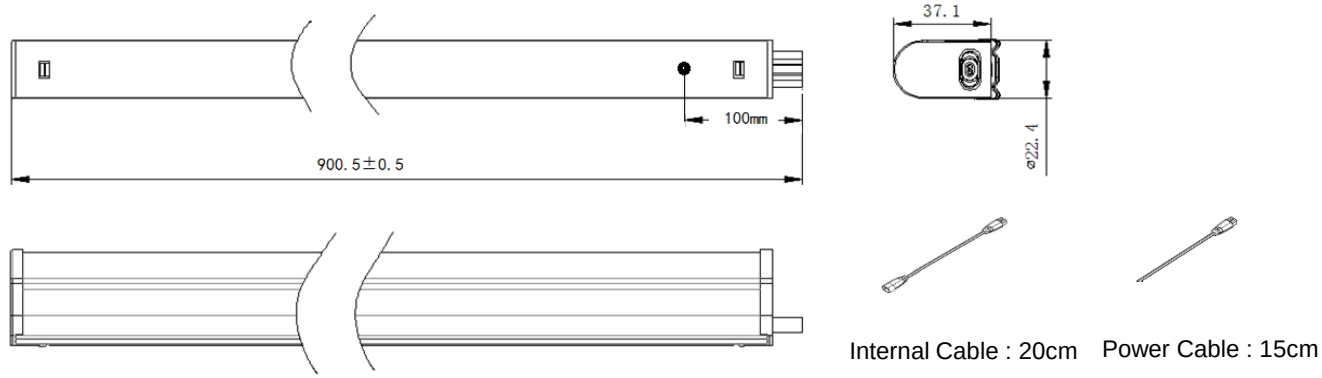
Mechanical & Electrical Specifications

1ft



3ft



Internal Cable : 20cm

Power Cable : 15cm

Lamp Conformity

•IEC 60598-1(ed.7): Luminaires - Part 1:General requirements and tests for luminaire (AS/NZS 60598)
•IEC61347-2-1(ed.1); am1: Luminaires-Part 2:Particular requirements Section One - Fixed general purpose luminaires
•IEC61347-1(ed.2);am1;am2: Lamp controlgear –Part 1: General and safety requirements
•IEC61347-2-13(ed.2): Lamp controlgear-Part 2-13:Particular requirements for d.c. or a.c. supplied electronic controgear for LED modules
•IEC60320-1(ed.2);am1: Appliances couplers for household and similar general purposes –
Part 1: General requirements
•IEC60320-2-2(ed.2): Appliance couplers for household and similar general purposes –Part 2-2: Interconnection couplers for household and similar equipment
•IEC62031(ed.1);am1;am2: LED modules for general lighting - Safety specifications
•IEC62471(ed.1): Photobiological safety of lamps and lamp systems-
•IEC62493(ed.1): Assessment of lighting equipment related to human exposure to electromagnetic fields