

LEDTOUCH BATTEN

Data Sheet



LEDTOUCH BATTEN is a middle-power LED luminaire with elegant aluminum housing and easy plug & play connection features. With integrated optics and easy installation features, it is an ideal energy-saving light source for office area illumination, shelf and cove lightings to replace 28W HE T5 batten, 36W T8 batten and 2X28W T5 Batten with 50% energy savings.

MAJOR BENEFITS

- Elegant homogenous design;
- Available in warm white (3000K), neutral white (4000K) and cold white (6500K);
- Easy “Plug & Play” connections to 20 meters;
- Easy for end user installation with pendant, surface, recessed mounting;
- Dimmable (Ach: 10-100%, 1-10V).

APPLICATION

- Office Area illumination;
- Commercial lighting;
- Shelf lighting;
- Cove Lighting.

SPECIFICATION

Item	Parameter	LDTH Bat Ach 2ft LB02A	LDTH Bat Ach 4ft LB04A	LDTH Bat Eas 2ft LB02E	LDTH Bat Eas 4ft LB04E
Light Output*	Lumen (lm)	1500lm (3000K)	2800lm (3000K)	1000lm (3000K)	1700lm (3000K)
		1500lm (4000K)	2800lm (4000K)	1000lm (4000K)	1700lm (4000K)
		1500lm (6500K)	2800lm (6500K)	1000lm (6500K)	1700lm (6500K)
	Beam Angle	110°	110°	110°	110°
	Power	15W	28W	10W	17W
	Efficacy (lm/W)	100 lm/W	100 lm/W	100 lm/W	100 lm/W
	CCT (K)	3000K	3000K	3000K	3000K
		4000K	4000K	4000K	4000K
		6500K	6500K	6500K	6500K
	CRI	>80 (3000K)	>80 (3000K)	>80 (3000K)	>80 (3000K)
>80 (4000K)		>80 (4000K)	>80 (4000K)	>80 (4000K)	
>70 (6500K)		>70 (6500K)	>70 (6500K)	>70 (6500K)	
Lifetime (T _a @ 25°C)	50,000 hours	50,000 hours	50,000 hours	50,000 hours	
Electrical #	Input Voltage	220-240V AC 50Hz			
	Dim:	10-100% Dim, 1-10V interface (Ach version)			
Mechanical	Dimension (mm)	Ach: 600x 25 x 40 (2ft), 1200x25x40 (4ft); Eas: 600x 25 x 44 (2ft), 1200x25x44 (4ft).			
	Weight (g)	Ach: 580g (4ft), 370g(2ft); Eas: 660g (4ft), 380g(2ft).			
Temperature ##	Ambient (°C)	-40 ... 40°C (T _a in free air)			
	Operation (°C)	-25 ... 70°C (measure at T _c point)			
	Storage (°C)	-40 ... 60°C (measure at T _c point)			
Standard Compliance	CE	IEC 60598-1, EN 62031, EN 62471, EN 55015, EN61547, EN 61000-3-2 and IEC 61000-3-3			
	Eye Security	IEC 62471 (Eye-Security/CIE S009)			
	EMC immunity	IEC 61547			
	EMC radio disturbance	IEC 55015			
	Harmonics and Flickers	EN 61000-3-2 and IEC 61000-3-3			
	Protection Class	IP 20, Class II			
Environment	RoHS				

*) Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data.

#) Exceeding maximum ratings for operation voltage will cause hazardous overload and will likely destroy the LED module.

##) Exceeding maximum ratings for operation and storage temperature will reduce expected life time or destroy the LED module.

The temperature of the LED module needs to be measured at the T_c-point according to EN60598-1 in a thermally constant status with a temperature sensor or a temperature sensitive label. For exact location of the T_c-point see drawings.

SAFETY INFORMATION

- The LED luminaire itself and all its components may not be mechanical stressed.
- Assembly must not damage or destroy conducting paths on the circuit board.
- Installation of LED luminaire with (power supplies) needs to be made with regard to all applicable electrical and safety standards. Only qualified personnel should be allowed to perform installations.
- Damage by corrosion will not be honored as a materials defect claim. It is the user's responsibility to provide suitable protection against corrosive agents such as moisture and condensation and other harmful elements.
- The design of the housing should be according to the IP standards in the application.

ORDERING CODE

Product Name	Product Code	EAN10	EAN40	SU
LEDTOUCH Batten Easy	LDTH BAT EAS LB04E-W4F-830	4008321868626	4008321868633	10*1
LEDTOUCH Batten Easy	LDTH BAT EAS LB04E-W4F-840	4008321868640	4008321868657	10*1
LEDTOUCH Batten Easy	LDTH BAT EAS LB04E-W4F-765	4008321868664	4008321868671	10*1
LEDTOUCH Batten Easy	LDTH BAT EAS LB02E-W4F-830	4008321868688	4008321868695	10*1
LEDTOUCH Batten Easy	LDTH BAT EAS LB02E-W4F-840	4008321868701	4008321868718	10*1
LEDTOUCH Batten Easy	LDTH BAT EAS LB02E-W4F-765	4008321868725	4008321868732	10*1
LEDTOUCH Batten Achieve	LDTH BAT ACH LB04A-W4F-830	4008321868985	4008321868992	10*1
LEDTOUCH Batten Achieve	LDTH BAT ACH LB04A-W4F-840	4008321869005	4008321869012	10*1
LEDTOUCH Batten Achieve	LDTH BAT ACH LB04A-W4F-765	4008321869029	4008321869036	10*1
LEDTOUCH Batten Achieve	LDTH BAT ACH LB02A-W4F-830	4008321869043	4008321869050	10*1
LEDTOUCH Batten Achieve	LDTH BAT ACH LB02A-W4F-840	4008321869067	4008321869074	10*1
LEDTOUCH Batten Achieve	LDTH BAT ACH LB02A-W4F-765	4008321869081	4008321869098	10*1
LEDTOUCH Batten Power Intercable	LDTH BAT POWER INTERCABLE	4008321869807	4008321869814	10*10
LEDTOUCH Batten Power Entercable	LDTH BAT POWER ENTERCABLE	4008321869821	4008321869838	10*10
LEDTOUCH Batten L Pendant Bracket	LDTH BAT L PENDANT BRACKET	4008321869845	4008321869852	10*5
LEDTOUCH Batten T Pendant Bracket	LDTH BAT T PENDANT BRACKET	4008321869869	4008321869876	10*5
LEDTOUCH Batten Linear Pendant Bracket	LDTH BAT LIN PENDANT BRACKET	4008321869883	4008321869890	10*5
LEDTOUCH Batten Dim Entercable	LDTH BAT DIM ENTERCABLE	4008321869906	4008321869913	10*10
LEDTOUCH Batten Dim Intercable	LDTH BAT DIM INTERCABLE	4008321869920	4008321869937	10*10
LEDTOUCH Batten Power Interconnector	LDTH BAT POWER INTERCONNECTOR	4008321869944	4008321869951	10*20

SALES & TECHNICAL SUPPORT

OSRAM Asia Pacific

30th Floor, China Resource Building,
26 Harbour Road, Wanchai, Hong Kong
+852 3652 5678
www.osram.com

Sales and technical support is given by the local OSRAM subsidiaries. Complete subsidiaries listing is available at OSRAM homepage.

RELATED & FURTHER INFORMATION

- The new dimension of light 153 S006 GB
- OPTORONIC® data sheets <http://catalog.myosram.com>
- OPTORONIC® technical guide 130 T008 GB