

OPTIVALU BATTEN

Data Sheet



OPTIVALU™ BATTEN is a linear LED batten series with a white, glossy plastic housing developed as an ideal alternative to fluorescent battens. With high uniformity of light and easy plug & play connection features, it is a very economic and convenient linear light source available in 1-foot, 2-foot and 4-foot lengths

BENEFITS

- Elegant homogenous design
- High uniformity
- Good color consistency
- T5 batten by LED @ an affordable price
- Integrated with driver for a maintenance-free LED light source

APPLICATION

- General area illumination;
- Commercial lighting;
- Shelf lighting;
- Cove lighting.

For more information please contact

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138-146 Browns Rd, Noble Park VIC 3174

Optivalu Batten Datasheet
Last update: 23 Sep, 2013

SPECIFICATION

Item	Parameter	OPTV BAT OB01 1-foot	OPTV BAT OB02 2-foot	OPTV BAT OB04 4-foot
Light Output*	Lumen (lm)	280lm (3000K) 280lm (4000K) 280lm (6500K)	550lm (3000K) 550lm (4000K) 550lm (6500K)	1100lm (3000K) 1100lm (4000K) 1100lm (6500K)
	Beam Angle	110°	110°	110°
	Power	4W	7W	12W
	Efficacy (lm/W)	70 lm/W	78lm/W	90 lm/W
	CCT (K)	3000K 4000K 6500K	3000K 4000K 6500K	3000K 4000K 6500K
	CRI	>80 (3000K) >80 (4000K) >70 (6500K)	>80 (3000K) >80 (4000K) >70 (6500K)	>80 (3000K) >80 (4000K) >70 (6500K)
	Lifetime (T _a @ 25°C)	25,000 hours	25,000 hours	25,000 hours
	Input Voltage	220~240V AC 50Hz		
	Nominal Current	0.02A	0.03A	0.06A
	Dim:	No		
Mechanical	Dimension (mm)	312 x 43 x 25.5 (1ft)	581.5 x 43 x 25.5 (2ft)	1181.5 x 43 x 25.5 (4ft)
	Weight (g)	130 (1ft)	220g (2ft)	380g (4ft)
Temperature ##	Ambient (°C)	-20 ... 40°C (T _a in free air)		
	Storage (°C)	-30 ... 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		
	CCC (to be ready)	To be ready		
	Protection Class	IP 20, Class II		
	Environment	RoHS		

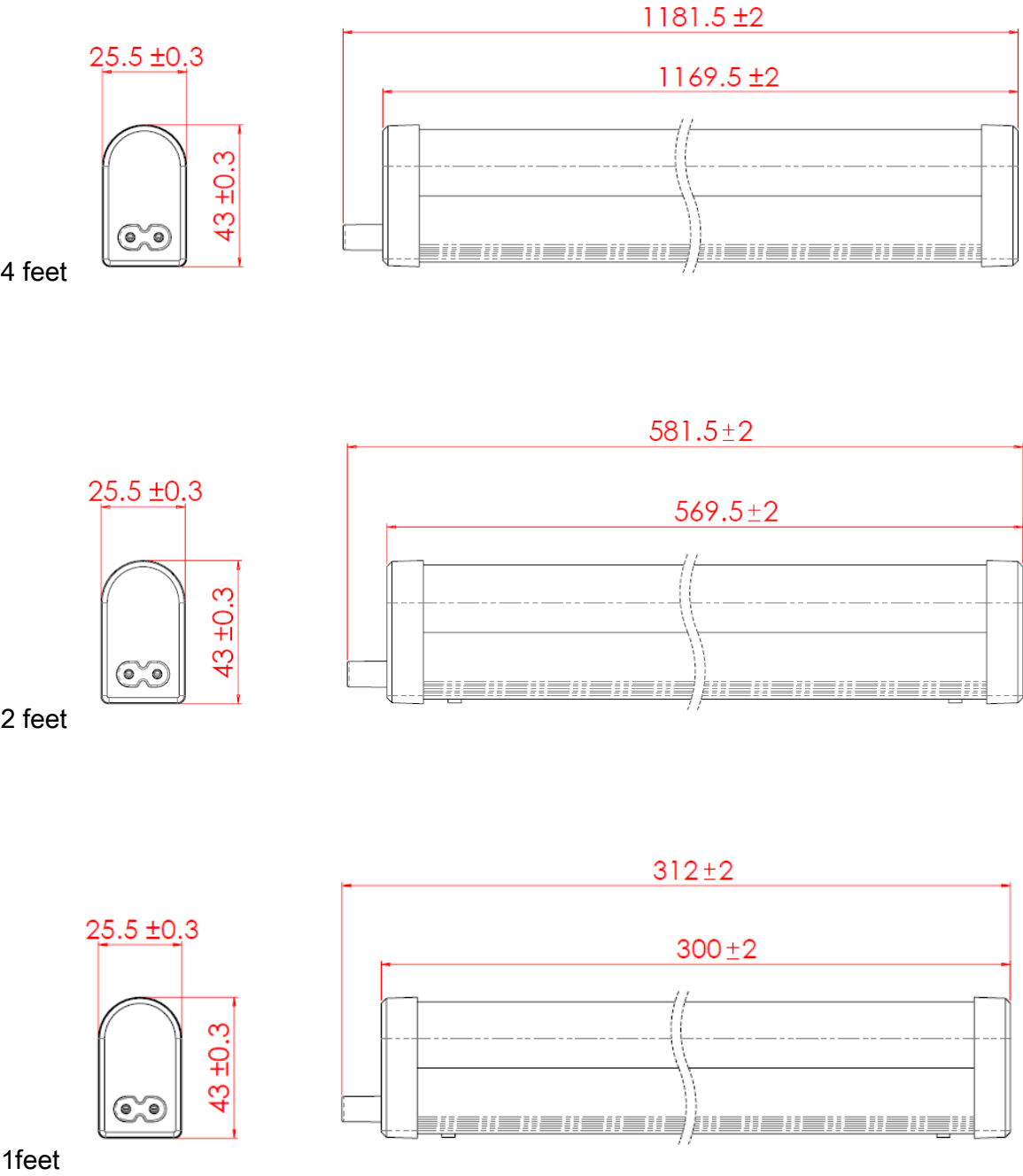
*) Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data.

#) 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.

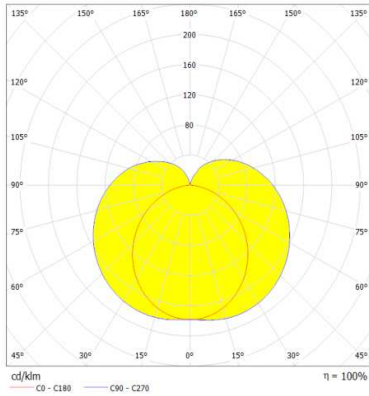
The temperature of the LED module needs to be measured at the T_c-point according to EN60598-1 in a thermally constant status with a temperature sensor or a temperature sensitive label. For exact location of the T_c-point see drawings.

DRAWINGS & DIMENSIONS

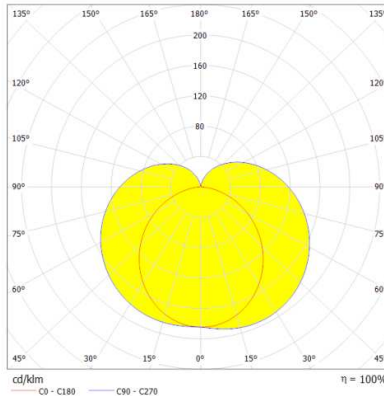


PHOTOMETRICS

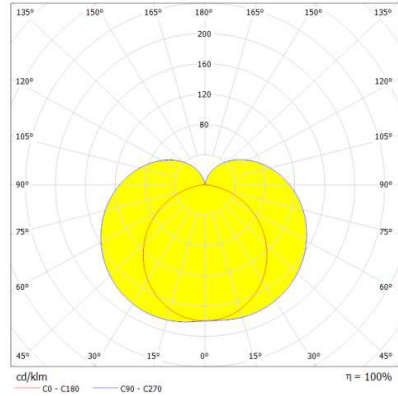
1-foot



2-foot



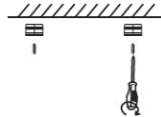
4-foot



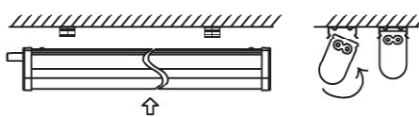
INSTALLATION GUIDE

Installation Guide

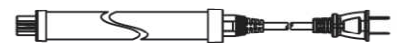
1. Fix the installation clips in the desired location.



2. Take batten, align with clips and click into place.

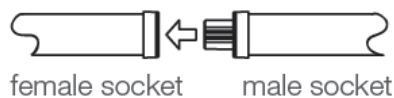


3. Connect an AC power cable (not included) to the batten.



Linking Method 1*

Connect the male socket with the female socket.



*A maximum of 24 battens can be linked in series.

Linking Method 2*

Connect the male socket to the female socket with the connecting cable (not included).



Connecting cable part no. 4008321869807

Max number of linkable pieces:

OB01 (1-foot): 24 pcs

OB02 (2-foot): 12pcs

OB04 (4-foot): 8pcs

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 Short Text	Product Code	EAN10	EAN40	SU
OPTV BAT OB04 830 20X1 AU OSRAM (4-feet)	AA603870155	4052899093843	4052899093850	20pcs
OPTV BAT OB04 840 20X1 AU OSRAM (4-feet)	AA603880155	4052899093867	4052899093874	20pcs
OPTV BAT OB04 765 20X1 AU OSRAM (4-feet)	AA603890155	4052899093881	4052899093898	20pcs
OPTV BAT OB02 830 30X1 AU OSRAM (2-feet)	AA603900155	4052899093904	4052899093911	30pcs
OPTV BAT OB02 840 30X1 AU OSRAM (2-feet)	AA603910155	4052899093935	4052899093942	30pcs
OPTV BAT OB02 765 30X1 AU OSRAM (2-feet)	AA603920155	4052899093959	4052899093966	30pcs
OPTV BAT OB01 830 40X1 AU OSRAM (1-feet)	AA603930155	4052899093973	4052899093980	40pcs
OPTV BAT OB01 840 40X1 AU OSRAM(1-feet)	AA603940155	4052899093997	4052899094000	40pcs
OPTV BAT OB01 765 40X1 AU OSRAM(1-feet)	AA603950155	4052899094017	4052899094024	40pcs
LDTH BAT POWER INTERCABLE	AA519780055	4008321869807		10pcs
LDTH BAT POWER ENTERCABLE	AA519790055	4008321869821		10pcs

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