



Ledinaire Batten

BN060C 1xTLED16/840 L1200

Ledinaire Batten, 18 W, L1200 mm, 1600 lm, 4000 K, Opal, IP20, TW1-ready

The Ledinaire batten (BN021C) range contains a selection of popular off-the-shelf batten LED luminaires that come with Philips high-quality levels at a competitive price. Reliable, energy-efficient and affordable. Ledinaire enables, simple and flexible installation, with a light-line creation option.

Product data

General Information	
Lamp family code	TLED [MASTER LEDtube]
Cap base	G13 [Medium Bi-Pin Fluorescent]
Light source replaceable	Yes
Number of gear units	Unit
Gear	-
Driver included	Yes
Feed-through wiring	Simple connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included)
Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value.
Lighting Technology	LED

Value ladder	Value
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	1,600 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	89 lm/W
Colour consistency	<6
Colour rendering index (CRI)	≥80
Number of light sources	1
Beam angle of light source	- degree(s)
Light source colour	840 neutral white
Optic type	-

Ledinaire Batten

Luminaire light beam spread	150°
-----------------------------	------

Operating and Electrical

Input Voltage	220–240 V
Line Frequency	50 to 60 Hz
Inrush current	4.4 A
Inrush time	13.4 ms
Power Consumption	18 W
Power Factor (Fraction)	0.9
Connection	Flying leads/cables
Cable	-
Number of products on MCB of 16 A type B	180

Temperature

Ambient temperature range	+10 to +40 °C
---------------------------	---------------

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	-
Constant light output	No

Mechanical and Housing

Housing material	Aluminium
Reflector material	-
Optic material	-
Optical cover/lens material	-
Fixation material	Stainless steel
Housing Colour	White
Optical cover/lens finish	Opal
Overall length	1,238 mm
Overall width	29 mm
Overall height	52 mm

Dimensions (height x width x depth)	52 x 29 x 1238 mm
-------------------------------------	-------------------

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	7.5 %
Lumen maintenance at median useful life* 50,000 h	L65

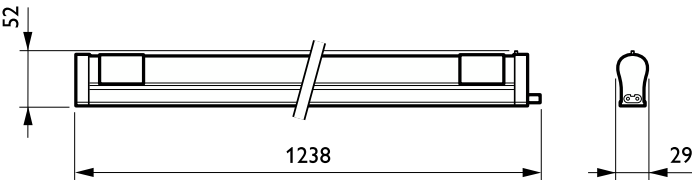
Application Conditions

Performance ambient temperature Tq	25 °C
Suitable for random switching	Not applicable

Product Data

Order product name	BN060C 1xTLED16/840 L1200
Full product name	BN060C 1xTLED16/840 L1200
Full EOC	871869607007999
Order code	07007999
Material no. (12 NC)	910503910118
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1

Dimensional drawing



Ledinaire Batten

