



Ledinaire Batten

BN013C LED5S/840 L300

Ledinaire Batten, 5 W, L300 mm, 500 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	
Cap base	G13 [Medium Bi-Pin Fluorescent]
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Feed-through wiring	Simple connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included)
Lighting Technology	LED
Value ladder	Value
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes

Light Technical	
Luminous Flux	500 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	100 lm/W
Colour rendering index (CRI)	≥80
Beam angle of light source	- degree(s)
Light source colour	840 neutral white
Optic type	Very wide beam
Luminaire light beam spread	154°
Unified Glare Rating (CEN)	26

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	4.54 A
Inrush time	0.036 ms
Power Consumption	5 W

Ledinaire Batten

Power Factor (Fraction)	0.8
Connection	Push-in connector 2-pole
Cable	-
Number of products on MCB of 16 A type B	10
Temperature	
Ambient temperature range	-20 to +35 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
Housing material	Polycarbonate
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Housing Colour	White
Optical cover/lens finish	Opal
Overall length	312 mm
Overall width	30 mm
Overall height	36.5 mm
Dimensions (height x width x depth)	37 x 30 x 312 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	0.3738, 0.3728, SDCM≤5
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant)	
Driver failure rate at 5,000 hours	1 %
Control gear failure rate at median useful life 50,000 h	7.50 %
Lumen maintenance at median useful life* 50,000 h	L65
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Not applicable
Product Data	
Order product name	BN013C LED5S/840 L300
Full product name	BN013C LED5S/840 L300
Full EOC	871016334952799
Order code	34952799
Material no. (12 NC)	911401835780
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8710163349527
Numerator – packs per outer box	25
EAN/UPC - Case	8710163349640

Dimensional drawing



