



Ledinaire Batten

BN013C LED5S/840 L300

840 neutral white

The Ledinaire range contains a selection of popular off-the-shelf LED luminaires that comes with high Philips quality levels at a competitive price. Reliable, energy-efficient and affordable – just what you need. Both integrated (BN012C) and TLED-based (BN060C) versions are available

Product data

General Information		Operating and Electrical	
Beam angle of light source	- °	Number of products on MCB (16 A type B)	10
Light source colour	840 neutral white	EU RoHS compliant	Yes
Cap base	G13 [Medium Bi-Pin Fluorescent]	Unified glare rating CEN	26
Light source replaceable	No	Operating and Electrical	
Number of gear units	1 unit	Input Voltage	220 to 240 V
Driver/power unit/transformer	PSU [Power supply unit]	Input frequency	50 or 60 Hz
Driver included	Yes	Initial CLO power consumption	- W
Optic type	VWB [Very wide beam]	Average CLO power consumption	- W
Luminaire light beam spread	154°	Inrush current	4.54 A
Control interface	-	Inrush time	0.036 ms
Connection	Push-in connector 2-pole	Power factor (min.)	0.8
Cable	-	Controls and Dimming	
Protection class IEC	Safety class II	Dimmable	No
Glow-wire test	Temperature 650 °C, duration 30 s	Mechanical and Housing	
Flammability mark	F [For mounting on normally flammable surfaces]	Housing material	Polycarbonate
CE mark	CE mark	Reflector material	Polycarbonate
ENEC mark	-	Optic material	Polycarbonate
Warranty period	5 years		
Constant light output	No		

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Optical cover/lens material	Polycarbonate
Fixation material	-
Optical cover/lens finish	Opal
Overall length	312 mm
Overall width	30 mm
Overall height	36.5 mm
Colour	White
Dimensions (height x width x depth)	37 x 30 x 312 mm (1.4 x 1.2 x 12.3 in)

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	500 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	100 lm/W
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	≥80
Initial chromaticity	0.3738, 0.3728, SDCM≤5
Initial input power	5 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life	7.50 %
	50,000 h

Lumen maintenance at median useful life*	L65
	50,000 h

Application Conditions

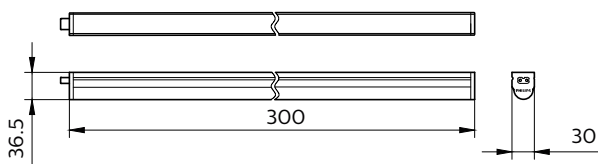
Ambient temperature range	-20 to +35 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	Not applicable
Suitable for random switching	Not applicable

Product Data

Full product code	871016334952799
Order product name	BN013C LED5S/840 L300
EAN/UPC – product	8710163349527
Order code	34952799
SAP numerator – quantity per pack	1
Numerator – packs per outer box	25
Material no. (12 NC)	911401835780
SAP net weight (piece)	0.110 kg



Dimensional drawing



Batten BN060C

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