PHILIPS

Lighting



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	
Beam angle of light source	- °
Light source colour	840 neutral white
Cap base	G13 [Medium Bi-Pin Fluorescent]
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Optic type	VWB [Very wide beam]
Luminaire light beam spread	154°
Control interface	-
Connection	Push-in connector 2-pole
Cable	-
Protection class IEC	Safety class II
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	F [For mounting on normally flammable surfaces]
CE mark	CE mark
ENEC mark	-
Warranty period	5 years
Constant light output	No

Number of products on MCB	10
Unified glare rating CEN	26

Operating and Electrical	
Input voltage	220 to 240 V
Input 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 factor (min.)	0.8

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Housing material	Polycarbonate
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate

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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	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)

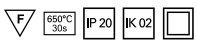
Control gear failure rate at median useful life 50,000 h	7.50 %
Lumen maintenance at median useful life* 50,000 h	L65

Application Conditions

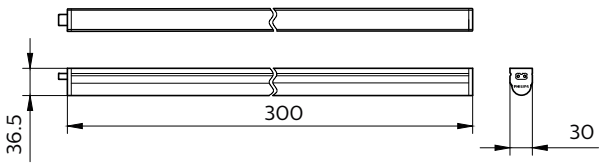
Ambient temperature range	-20 to +35 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	Not applicable
Suitable for random switching	Not applicable

Product Data

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



Dimensional drawing



Batten BN060C



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2020, January 16 - data subject to change