PHILIPS

Lighting

Ledinaire Batten

BN021C LED15S/840 L900

840 neutral white

The Ledinaire range contains a selection of popular off-the-shelf LED luminaires that comes with the high Philips quality levels at a competitive price. Reliable, energy-efficient and affordable – just what you need.

Product data

General Information	
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	168°
Connection	Plug-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	3 years
Constant light output	No
Number of products on MCB (16 A type B)	10
Photobiological risk	Photobiological risk group 0 @ 200mm to EN62471
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Unified glare rating CEN	27

Light Technical	
Saturated Red	<50

Operating and Electrical	
Input Voltage	220 to 240 V
Input frequency	50 or 60 Hz
Inrush current	11 A
Inrush time	0.001 ms
Power factor (min.)	0.9

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Housing material	Polycarbonate
Reflector material	Polycarbonate
Optic material	Polycarbonate

Ledinaire Batten

Optical cover/lens material	Polycarbonate
Fixation material	-
Optical cover/lens finish	Opal
Overall length	886 mm
Overall width	28.4 mm
Overall height	35.7 mm
Colour	White
Dimensions (height x width x depth)	36 x 28 x 886 mm (1.4 x 1.1 x 34.9 in)

Approval and Application

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

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	1600 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	106.7 lm/W
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	>80
Initial chromaticity	0.38, 0.38, SDCM≤5
Initial input power	15 W
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

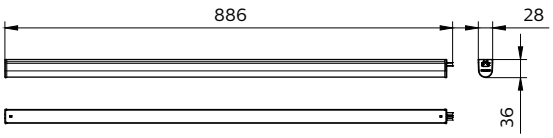
Ambient temperature range	-20 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	Not applicable
Suitable for random switching	Not applicable

Product Data

Full product code	871951452788199
Order product name	BN021C LED15S/840 L900
EAN/UPC – product	8719514527881
Order code	52788199
SAP numerator – quantity per pack	1
Numerator – packs per outer box	40
SAP material	911401842182
SAP net weight (piece)	0.205 kg



Dimensional drawing



BN021C LED15S/840 L900

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