![Philips Lighting logo]

Ledinaire Batten

BN021C LED20S/840 L1200

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 color	840 neutral white
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	Very wide beam
Luminaire light beam spread	174°
Connection	Plug-in connector 2-pole
Cable	–
Protection class IEC	Safety class II
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	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 of 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 (R9)	<50

Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 or 60 Hz
Inrush current	14.3 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

data subject to change

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Optical cover/lens material	Polycarbonate
Fixation material	–
Optical cover/lens finish	Opal
Overall length	1186 mm
Overall width	28.4 mm
Overall height	35.7 mm
Color	White
Dimensions (Height x Width x Depth)	36 x 28 x 1186 mm (1.4 x 1.1 x 46.7 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)	2100 lm
Luminous flux tolerance	+/–10%
Initial LED luminaire efficacy	105 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	0.38, 0.38, SDCM≤5
Initial input power	20 W
Power consumption tolerance	+/–10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	7.5 %

Lumen maintenance at median useful life* 50000 h	L65

Application Conditions
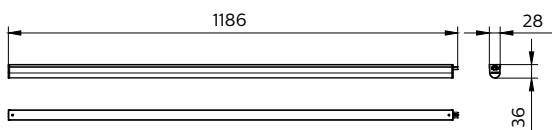
Ambient temperature range	–20 to +40 ℃
Performance ambient temperature Tq	25 ℃
Maximum dim level	Not applicable
Suitable for random switching	Not applicable

Product Data

Full product code	871951452790499
Order product name	BN021C LED20S/840 L1200
EAN/UPC – Product	8719514527904
Order code	911401842382
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	40
Material Nr. (12NC)	911401842382
Net Weight (Piece)	0.253 kg

Dimensional drawing

Batten BN060C

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www.lighting.philips.com

2021, May 25 – data subject to change