



# 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 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	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	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
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### 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
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### Mechanical and Housing

Housing material	Polycarbonate
Reflector material	Polycarbonate
Optic material	Polycarbonate

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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
Colour	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]
Sustainability rating	-

### Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	2100 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	105 lm/W
Init. Corr. Colour Temperature	4000 K
Init. Colour 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	7.5 %
50,000 h	
Lumen maintenance at median useful life*	L65
50,000 h	

### Application Conditions

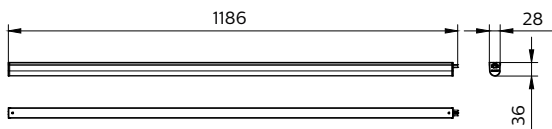
Ambient temperature range	-20 to +40 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	Not applicable
Suitable for random switching	Not applicable

### Product Data

Full product code	871951452790499
Order product name	BN021C LED20S/840 L1200
EAN/UPC – product	8719514527904
Order code	52790499
SAP numerator – quantity per pack	1
Numerator – packs per outer box	40
SAP material	911401842382



## Dimensional drawing



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