



Ledinaire Batten – Simply great LED

Ledinaire Batten BN060C

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. Both integrated (BN012C) and TLED-based (BN060C) versions are available

Benefits

- Philips quality and reliability
- Energy saving
- Compact design

Features

- Integrated as well as with LEDtube (one and two lamp versions). Lamps are included.
- Light line up to ten battens
- Mounting accessories included

Application

- General lighting
- Storage rooms
- Cove lighting

Specifications

Type	BN060C
Light source	Replaceable LED module (LEDtube)
Power	1 x TLED16: 18 W 2 x TLED16: 36 W
Beam angle	150°
Luminous flux	1 x TLED16: 1600 lm 2 x TLED16: 3200 lm

Correlated Color	4000 K (Neutral white)
Temperature	
Color Rendering Index	80
Median useful life L70B50	30,000 hours
Median useful life L80B50	15,000 hours
Median useful life L90B50	10,000 hours

Ledinaire Batten BN060C

Average ambient temperature	+25 °C
Operating temperature range	+10 to +40 °C
Driver	Built-in
Mains voltage	220-240 V / 50-60 Hz
Dimming	Not dimmable
Material	Housing: aluminum, extruded End caps / lamp holder: polycarbonate Mounting clips: stainless steel (inox301)

Color	White
Connection	Integral male / female connectors
Maintenance	No internal cleaning required
Installation	Individual or in line; clicking the luminaire into pre-screwed ceiling brackets Through-wiring possible Installation without removing lamp and cover
Accessories	Fly-wire power connector included Flexible light line cord included

Versions



SmartBright LED batten G2, 2000 lumen version

Product details

Mounting accessories included in the box



Male power connection



Ledinaire Batten BN060C

Product details



Female power connection



Lamp locking mechanism



Can be used in a light line



CorePro LEDtube included



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SmartBright LED batten G2 BN012C middle



SmartBright LED batten G2 BN012C side

Ledinaire Batten BN060C

Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

Controls and Dimming

Dimmable	No
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Operating and Electrical

Input Voltage	220-240 V
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General Information

CE mark	CE mark
Protection class IEC	Safety class II
Driver included	Yes
UL mark	-

Initial Performance (IEC Compliant)

Init. Corr. Color Temperature	4000 K
Luminous flux tolerance	+/-10%

Mechanical and Housing

Color	White
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Over Time Performance (IEC Compliant)

Median useful life L90B50	10000 h
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Application Conditions

Order Code	Full Product Name	Ambient temperature range	Average ambient temperature	Suitable for random switching
910503910211	BN060C 1xTLED16/840 L1200	+10 to +40 °C	25 °C	No
910503910212	BN060C 2xTLED16/840 L1200	+10 to +40 °C	25 °C	No
912401483204	BN012C LED20/NW L1200 G2	+10 to +35 °C	-	Yes (relates to presence/ movement detection)
912401483205	BN012C LED10/NW L600 G2	+10 to +35 °C	-	Yes (relates to presence/ movement detection)

General Information (1/2)

Order Code	Full Product Name	Beam angle			Flammability mark
		of light source	Cap-Base	ENEC mark	
910503910211	BN060C 1xTLED16/840 L1200	- °	G13	-	-
910503910212	BN060C 2xTLED16/840 L1200	- °	G13	-	-
912401483204	BN012C LED20/NW L1200 G2	120 °	-	ENEC mark	For mounting on normally

Order Code	Full Product Name	Beam angle			Flammability mark
		of light source	Cap-Base	ENEC mark	
912401483205	BN012C LED10/NW L600 G2	120 °	-	ENEC mark	For mounting on normally flammable surfaces

General Information (2/2)

Order Code	Full Product Name	Gear	Glow-wire test	Kombipack	Lamp family	Light source	Number of gear	Number of light	Optic type
					code	replaceable	units	sources	
910503910211	BN060C 1xTLED16/840 L1200	-	Temperature 650 °C, duration 30 s	Lamp(s) included	TLED	Yes	-	1 pc	-
910503910212	BN060C 2xTLED16/840 L1200	-	Temperature 650 °C, duration 30 s	Lamp(s) included	TLED	Yes	-	2 pcs	-
912401483204	BN012C LED20/NW L1200 G2	-	Temperature 650 °C, duration 5 s	-	-	No	1 unit	-	Beam angle 120°
912401483205	BN012C LED10/NW L600 G2	-	Temperature 650 °C, duration 5 s	-	-	No	1 unit	-	Beam angle 120°

Initial Performance (IEC Compliant) (1/2)

Ledinaire Batten BN060C

Order Code	Full Product Name	Initial chromaticity	Init. Color Rendering Index	Initial LED luminaire efficacy	Initial luminous flux
910503910211	BN060C 1xTLED16/840 L1200	-	≥80	89 lm/W	1600 lm
910503910212	BN060C 2xTLED16/840 L1200	-	≥80	89 lm/W	3200 lm

Order Code	Full Product Name	Initial chromaticity	Init. Color Rendering Index	Initial LED luminaire efficacy	Initial luminous flux
912401483204	BN012C LED20/NW L1200 G2	(0.3837, 0.3832)	80	100 lm/W	2000 lm
912401483205	BN012C LED10/NW L600 G2	(0.3837, 0.3832)	80	95 lm/W	1000 lm

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
910503910211	BN060C 1xTLED16/840 L1200	18 W
910503910212	BN060C 2xTLED16/840 L1200	36 W

Order Code	Full Product Name	Initial input power
912401483204	BN012C LED20/NW L1200 G2	20 W
912401483205	BN012C LED10/NW L600 G2	10 W

Over Time Performance (IEC Compliant)

Order Code	Full Product Name	Driver failure rate at 5000 h	Median useful life L80B50
910503910211	BN060C 1xTLED16/840 L1200	1.5 %	15000 h
910503910212	BN060C 2xTLED16/840 L1200	1.5 %	15000 h

Order Code	Full Product Name	Driver failure rate at 5000 h	Median useful life L80B50
912401483204	BN012C LED20/NW L1200 G2	0.4 %	25000 h
912401483205	BN012C LED10/NW L600 G2	0.4 %	25000 h

