



# Ledinaire Batten – Simply great LED

## Ledinaire Batten

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	

# Ledinaire Batten

<b>Lumen maintenance at median useful life* 50000 h</b>	L65
<b>Control gear failure rate at median useful life 50000 h</b>	7.5%
<b>Performance Ambient Temperature Tq</b>	+25 °C
<b>Operating temperature range</b>	+10 to +40 °C
<b>Driver</b>	Built-in
<b>Mains voltage</b>	220-240 V / 50-60 Hz
<b>Dimming</b>	Not dimmable

<b>Material</b>	Housing: aluminum, extruded
	End caps / lamp holder: polycarbonate
	Mounting clips: stainless steel (inox301)
<b>Color</b>	White
<b>Connection</b>	Integral male / female connectors
<b>Maintenance</b>	No internal cleaning required
<b>Installation</b>	Individual or in line; clicking the luminaire into pre-screwed ceiling brackets
	Through-wiring possible
	Installation without removing lamp and cover
<b>Accessories</b>	Fly-wire power connector included
	Flexible light line cord included

## Versions

**Ledinaire Batten BN060C**  
luminaire, 1-lamp version



**Ledinaire Batten BN060C**  
luminaire, 2-lamp version



**840 neutral white**



**Ledinaire Batten**



**SmartBright LED batten G2, 2000 lumen version**



# Ledinaire Batten

## Product details

IPDP\_BN060Ci\_0013.tif



SmartBright LED batten G2  
BN012C middle



SmartBright LED batten G2  
BN012C side

## Accessories

Cable 0.60 m with plug 2-pole - 10  
pieces

Ordercode 910503910213



# Ledinaire Batten

## Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

## Controls and Dimming

Dimmable	No
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## General Information

CE mark	CE mark
Protection class IEC	Safety class II
Driver included	Yes
Number of gear units	1 unit

## Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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## Mechanical and Housing

Color	White
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## Application Conditions

Order Code	Full Product Name	Ambient temperature range	Maximum dim level	Suitable for random switching
910503910118	BN060C 1xTLED16/840 L1200	+10 to +40 °C	-	Not applicable
910503910119	BN060C 2xTLED16/840 L1200	+10 to +40 °C	-	No
911401835780	BN013C LED5S/840 L300	-20 to +35 °C	Not applicable	Not applicable
911401835880	BN013C LED5S/830 L300	-20 to +35 °C	Not applicable	Not applicable
911401835980	BN013C LED10S/840 L600	-20 to +35 °C	Not applicable	Not applicable
911401836080	BN013C LED10S/830 L600	-20 to +35 °C	Not applicable	Not applicable
911401836180	BN013C LED15S/840 L900	-20 to +35 °C	Not applicable	Not applicable
911401836280	BN013C LED14S/830 L900	-20 to +35 °C	Not applicable	Not applicable
911401836380	BN013C LED20S/840 L1200	-20 to +35 °C	Not applicable	Not applicable
911401836480	BN013C LED19S/830 L1200	-20 to +35 °C	Not applicable	Not applicable
911401836580	BN013C LED25S/840 L1500	-20 to +35 °C	Not applicable	Not applicable
911401836680	BN013C LED24S/830 L1500	-20 to +35 °C	Not applicable	Not applicable
912401483204	BN012C LED20/NW L1200 G2	+10 to +35 °C	-	Yes
912401483205	BN012C LED10/NW L600 G2	+10 to +35 °C	-	Yes

## Operating and Electrical

Order Code	Full Product Name	Input Voltage
910503910118	BN060C 1xTLED16/840 L1200	220-240 V
910503910119	BN060C 2xTLED16/840 L1200	220-240 V
911401835780	BN013C LED5S/840 L300	220 to 240 V
911401835880	BN013C LED5S/830 L300	220 to 240 V
911401835980	BN013C LED10S/840 L600	220 to 240 V
911401836080	BN013C LED10S/830 L600	220 to 240 V
911401836180	BN013C LED15S/840 L900	220 to 240 V

Order Code	Full Product Name	Input Voltage
911401836280	BN013C LED14S/830 L900	220 to 240 V
911401836380	BN013C LED20S/840 L1200	220 to 240 V
911401836480	BN013C LED19S/830 L1200	220 to 240 V
911401836580	BN013C LED25S/840 L1500	220 to 240 V
911401836680	BN013C LED24S/830 L1500	220 to 240 V
912401483204	BN012C LED20/NW L1200 G2	220-240 V
912401483205	BN012C LED10/NW L600 G2	220-240 V

## General Information (1/2)

Order Code	Full Product Name	Beam angle of light source	Beam angle of light			Flammability mark
			Cap-Base	ENEC mark	Flammability mark	
910503910118	BN060C 1xTLED16/840 L1200	-°	G13	-	-	
910503910119	BN060C 2xTLED16/840 L1200	-°	G13	-	-	
911401835780	BN013C LED5S/840 L300	-°	G13	-	-	For mounting on normally flammable surfaces
911401835880	BN013C LED5S/830 L300	-°	G13	-	-	For mounting on normally flammable surfaces

Order Code	Full Product Name	Beam angle of light source	Beam angle of light			Flammability mark
			Cap-Base	ENEC mark	Flammability mark	
911401835980	BN013C LED10S/840 L600	-°	G13	-	-	For mounting on normally flammable surfaces
911401836080	BN013C LED10S/830 L600	-°	G13	-	-	For mounting on normally flammable surfaces
911401836180	BN013C LED15S/840 L900	-°	G13	-	-	For mounting on normally flammable surfaces
911401836280	BN013C LED14S/830 L900	-°	G13	-	-	For mounting on normally flammable surfaces

## Ledinaire Batten

Order Code	Full Product Name	Beam angle of light		Cap-Base	ENEC mark	Flammability mark
		source				
911401836380	BN013C LED20S/840 L1200	- °		G13	-	For mounting on normally flammable surfaces
911401836480	BN013C LED19S/830 L1200	- °		G13	-	For mounting on normally flammable surfaces
911401836580	BN013C LED25S/840 L1500	- °		G13	-	For mounting on normally flammable surfaces

Order Code	Full Product Name	Beam angle of light		Cap-Base	ENEC mark	Flammability mark
		source				
911401836680	BN013C LED24S/830 L1500	- °		G13	-	For mounting on normally flammable surfaces
912401483204	BN012C LED20/NW L1200 G2	120 °		-	ENEC mark	For mounting on normally flammable surfaces
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 code	Light source replaceable	Number of light sources	Optic type	UL mark
910503910118	BN060C 1xTLED16/840 L1200	-	Temperature 650 °C, duration 30 s	Lamp(s) included	TLED	Yes	1 pc	-	-
910503910119	BN060C 2xTLED16/840 L1200	-	Temperature 650 °C, duration 30 s	Lamp(s) included	TLED	Yes	2 pcs	-	-
911401835780	BN013C LED5S/840 L300	-	Temperature 650 °C, duration 30 s	-	-	No	-	Very wide beam	-
911401835880	BN013C LED5S/830 L300	-	Temperature 650 °C, duration 30 s	-	-	No	-	Very wide beam	-
911401835980	BN013C LED10S/840 L600	-	Temperature 650 °C, duration 30 s	-	-	No	-	Very wide beam	-
911401836080	BN013C LED10S/830 L600	-	Temperature 650 °C, duration 30 s	-	-	No	-	Very wide beam	-
911401836180	BN013C LED15S/840 L900	-	Temperature 650 °C, duration 30 s	-	-	No	-	Very wide beam	-
911401836280	BN013C LED14S/830 L900	-	Temperature 650 °C, duration 30 s	-	-	No	-	Very wide beam	-
911401836380	BN013C LED20S/840 L1200	-	Temperature 650 °C, duration 30 s	-	-	No	-	Very wide beam	-
911401836480	BN013C LED19S/830 L1200	-	Temperature 650 °C, duration 30 s	-	-	No	-	Very wide beam	-
911401836580	BN013C LED25S/840 L1500	-	Temperature 650 °C, duration 30 s	-	-	No	-	Very wide beam	-
911401836680	BN013C LED24S/830 L1500	-	Temperature 650 °C, duration 30 s	-	-	No	-	Very wide beam	-
912401483204	BN012C LED20/NW L1200 G2	-	Temperature 650 °C, duration 5 s	-	-	No	-	Beam angle 120°	-
912401483205	BN012C LED10/NW L600 G2	-	Temperature 650 °C, duration 5 s	-	-	No	-	Beam angle 120°	-

### Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial LED luminaire efficacy
910503910118	BN060C 1xTLED16/840 L1200	5	4000 K	≥80	89 lm/W
910503910119	BN060C 2xTLED16/840 L1200	5	4000 K	≥80	89 lm/W
911401835780	BN013C LED5S/840 L300	0.3738, 0.3728, SDCM≤5	4000 K	≥80	100 lm/W

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial LED luminaire efficacy
911401835880	BN013C LED5S/830 L300	0.4282, 0.3979, SDCM≤5	3000 K	≥80	100 lm/W
911401835980	BN013C LED10S/840 L600	0.3738, 0.3728, SDCM≤5	4000 K	≥80	100 lm/W
911401836080	BN013C LED10S/830 L600	0.4282, 0.3979, SDCM≤5	3000 K	≥80	100 lm/W

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Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial LED luminaire efficacy
911401836180	BN013C	0.3738,	4000 K	≥80	100 lm/W
	LED15S/840	0.3728,			
	L900	SDCM≤5			
911401836280	BN013C	0.4282,	3000 K	≥80	100 lm/W
	LED14S/830	0.3979,			
	L900	SDCM≤5			
911401836380	BN013C	0.3738,	4000 K	≥80	100 lm/W
	LED20S/840	0.3728,			
	L1200	SDCM≤5			
911401836480	BN013C	0.4282,	3000 K	≥80	100 lm/W
	LED19S/830	0.3979,			
	L1200	SDCM≤5			

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial LED luminaire efficacy
911401836580	BN013C	0.3738,	4000 K	≥80	100 lm/W
	LED25S/840	0.3728,			
	L1500	SDCM≤5			
911401836680	BN013C	0.4282,	3000 K	≥80	100 lm/W
	LED24S/830	0.3979,			
	L1500	SDCM≤5			
912401483204	BN012C	(0.3837,	4000 K	80	100 lm/W
	LED20/NW	0.3832)			
	L1200 G2	SDCM <5			
912401483205	BN012C	(0.3837,	4000 K	80	95 lm/W
	LED10/NW L600	0.3832)			
	G2	SDCM <5			

### Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial luminous flux	Initial input power
910503910118	BN060C 1xTLED16/840 L1200	1600 lm	18 W
910503910119	BN060C 2xTLED16/840 L1200	3200 lm	36 W
911401835780	BN013C LED5S/840 L300	500 lm	5 W
911401835880	BN013C LED5S/830 L300	475 lm	5 W
911401835980	BN013C LED10S/840 L600	1000 lm	10 W
911401836080	BN013C LED10S/830 L600	940 lm	10 W
911401836180	BN013C LED15S/840 L900	1500 lm	15 W

Order Code	Full Product Name	Initial luminous flux	Initial input power
911401836280	BN013C LED14S/830 L900	1410 lm	15 W
911401836380	BN013C LED20S/840 L1200	2000 lm	20 W
911401836480	BN013C LED19S/830 L1200	1880 lm	20 W
911401836580	BN013C LED25S/840 L1500	2500 lm	24 W
911401836680	BN013C LED24S/830 L1500	2350 lm	24 W
912401483204	BN012C LED20/NW L1200 G2	2000 lm	20 W
912401483205	BN012C LED10/NW L600 G2	1000 lm	10 W

