



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.

Benefits

- Philips quality and reliability
- Energy saving
- Compact design

Features

- 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 Temperature	4000 K (Neutral white)

Lumen maintenance at median useful life*	L65 50000 h
Control gear failure rate at median useful life	7.5% 50000 h
Performance Ambient Temperature Tq	+25 °C

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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



840 neutral white



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840 neutral white



840 neutral white

Product details



Ledinaire batten, BN021C, Connection



Ledinaire batten, BN021C, Box content



Ledinaire batten, BN021C, Light-line via connection cable



Ledinaire batten, BN021C, Light-line pin-to-pin

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Product details



Ledinaire batten, BN021C, Light-line pin-to-pin

Application Conditions	
Maximum dim level	Not applicable
Suitable for random switching	Not applicable
Approval and Application	
Mech. impact protection code	IK02
Ingress protection code	IP20
Controls and Dimming	
Dimmable	No
Operating and Electrical	
Input Voltage	220 to 240 V
General Information	
Cap-Base	G13
CE mark	CE mark
Protection class IEC	Safety class II
Driver included	Yes
ENEC mark	-
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
Light source replaceable	No
Number of gear units	1 unit
Optic type	Very wide beam
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Mechanical and Housing	
Color	White

Order Code	Full Product Name	Driver failure rate at 5000 h
911401835780	BN013C LED5S/840 L300	1%
911401835880	BN013C LED5S/830 L300	1%
911401835980	BN013C LED10S/840 L600	1%
911401836080	BN013C LED10S/830 L600	1%
911401836180	BN013C LED15S/840 L900	1%
911401836280	BN013C LED14S/830 L900	1%
911401836380	BN013C LED20S/840 L1200	1%
911401836480	BN013C LED19S/830 L1200	1%
911401836580	BN013C LED25S/840 L1500	1%
911401836680	BN013C LED24S/830 L1500	1%
911401841782	BN021C LED5S/840 L300	-
911401841882	BN021C LED5S/830 L300	-
911401841982	BN021C LED10S/840 L600	-
911401842082	BN021C LED10S/830 L600	-
911401842182	BN021C LED15S/840 L900	-
911401842282	BN021C LED14S/830 L900	-
911401842382	BN021C LED20S/840 L1200	-
911401842482	BN021C LED19S/830 L1200	-
911401842582	BN021C LED25S/840 L1500	-
911401842682	BN021C LED24S/830 L1500	-

Application Conditions

Order Code	Full Product Name	Ambient temperature range
911401835780	BN013C LED5S/840 L300	-20 to +35 °C
911401835880	BN013C LED5S/830 L300	-20 to +35 °C

Order Code	Full Product Name	Ambient temperature range
911401835980	BN013C LED10S/840 L600	-20 to +35 °C
911401836080	BN013C LED10S/830 L600	-20 to +35 °C

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Order Code	Full Product Name	Ambient temperature range
911401836180	BN013C LED15S/840 L900	-20 to +35 °C
911401836280	BN013C LED14S/830 L900	-20 to +35 °C
911401836380	BN013C LED20S/840 L1200	-20 to +35 °C
911401836480	BN013C LED19S/830 L1200	-20 to +35 °C
911401836580	BN013C LED25S/840 L1500	-20 to +35 °C
911401836680	BN013C LED24S/830 L1500	-20 to +35 °C
911401841782	BN021C LED5S/840 L300	-20 to +40 °C
911401841882	BN021C LED5S/830 L300	-20 to +40 °C

Order Code	Full Product Name	Ambient temperature range
911401841982	BN021C LED10S/840 L600	-20 to +40 °C
911401842082	BN021C LED10S/830 L600	-20 to +40 °C
911401842182	BN021C LED15S/840 L900	-20 to +40 °C
911401842282	BN021C LED14S/830 L900	-20 to +40 °C
911401842382	BN021C LED20S/840 L1200	-20 to +40 °C
911401842482	BN021C LED19S/830 L1200	-20 to +40 °C
911401842582	BN021C LED25S/840 L1500	-20 to +40 °C
911401842682	BN021C LED24S/830 L1500	-20 to +40 °C

General Information

Order Code	Full Product Name	Beam angle of light source
911401835780	BN013C LED5S/840 L300	-°
911401835880	BN013C LED5S/830 L300	-°
911401835980	BN013C LED10S/840 L600	-°
911401836080	BN013C LED10S/830 L600	-°
911401836180	BN013C LED15S/840 L900	-°
911401836280	BN013C LED14S/830 L900	-°
911401836380	BN013C LED20S/840 L1200	-°
911401836480	BN013C LED19S/830 L1200	-°
911401836580	BN013C LED25S/840 L1500	-°
911401836680	BN013C LED24S/830 L1500	-°

Order Code	Full Product Name	Beam angle of light source
911401841782	BN021C LED5S/840 L300	-
911401841882	BN021C LED5S/830 L300	-
911401841982	BN021C LED10S/840 L600	-
911401842082	BN021C LED10S/830 L600	-
911401842182	BN021C LED15S/840 L900	-
911401842282	BN021C LED14S/830 L900	-
911401842382	BN021C LED20S/840 L1200	-
911401842482	BN021C LED19S/830 L1200	-
911401842582	BN021C LED25S/840 L1500	-
911401842682	BN021C LED24S/830 L1500	-

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Color Temperature	Init. Color Rendering Index	Initial LED luminaire efficacy
911401835780	BN013C LED5S/840 L300	0.3738, 0.3728, SDCM≤5	4000 K	≥80	100 lm/W
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
911401836180	BN013C LED15S/840 L900	0.3738, 0.3728, SDCM≤5	4000 K	≥80	100 lm/W
911401836280	BN013C LED14S/830 L900	0.4282, 0.3979, SDCM≤5	3000 K	≥80	100 lm/W
911401836380	BN013C LED20S/840 L1200	0.3738, 0.3728, SDCM≤5	4000 K	≥80	100 lm/W

Order Code	Full Product Name	Initial chromaticity	Init. Color Temperature	Init. Color Rendering Index	Initial LED luminaire efficacy
911401836480	BN013C LED19S/830 L1200	0.4282, 0.3979, SDCM≤5	3000 K	≥80	100 lm/W
911401836580	BN013C LED25S/840 L1500	0.3738, 0.3728, SDCM≤5	4000 K	≥80	100 lm/W
911401836680	BN013C LED24S/830 L1500	0.4282, 0.3979, SDCM≤5	3000 K	≥80	100 lm/W
911401841782	BN021C LED5S/840 L300	0.38, 0.38, SDCM≤5	4000 K	>80	105 lm/W
911401841882	BN021C LED5S/830 L300	0.43, 0.40, SDCM≤5	3000 K	>80	95 lm/W
911401841982	BN021C LED10S/840 L600	0.38, 0.38, SDCM≤5	4000 K	>80	105 lm/W
911401842082	BN021C LED10S/830 L600	0.43, 0.40, SDCM≤5	3000 K	>80	95 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
911401842182	BN021C LED15S/840 L900	0.38, 0.38, SDCM≤5	4000 K	>80	105 lm/W
911401842282	BN021C LED14S/830 L900	0.43, 0.40, SDCM≤5	3000 K	>80	95 lm/W
911401842382	BN021C LED20S/840 L1200	0.38, 0.38, SDCM≤5	4000 K	>80	105 lm/W

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial LED luminaire efficacy
911401842482	BN021C LED19S/830 L1200	0.43, 0.40, SDCM≤5	3000 K	>80	95 lm/W
911401842582	BN021C LED25S/840 L1500	0.38, 0.38, SDCM≤5	4000 K	>80	105 lm/W
911401842682	BN021C LED24S/830 L1500	0.43, 0.40, SDCM≤5	3000 K	>80	95 lm/W

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial luminous flux	Initial input power
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
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

Order Code	Full Product Name	Initial luminous flux	Initial input power
911401841782	BN021C LED5S/840 L300	500 lm	5 W
911401841882	BN021C LED5S/830 L300	480 lm	5 W
911401841982	BN021C LED10S/840 L600	1000 lm	10 W
911401842082	BN021C LED10S/830 L600	940 lm	10 W
911401842182	BN021C LED15S/840 L900	1500 lm	15 W
911401842282	BN021C LED14S/830 L900	1450 lm	15 W
911401842382	BN021C LED20S/840 L1200	2000 lm	20 W
911401842482	BN021C LED19S/830 L1200	1900 lm	20 W
911401842582	BN021C LED25S/840 L1500	2500 lm	24 W
911401842682	BN021C LED24S/830 L1500	2400 lm	24 W

