PHILIPS

Lighting

# Ledinaire batten – For your everyday lighting jobs, easy to choose from the shelve and to install.

## Ledinaire Batten

The Ledinaire batten (BN021C) range contains a selection of popular off-the-shelf batten LED luminaires that comes with the high Philips quality levels at a competitive price. Reliable, energy efficient and affordable. Ledinaire enables, simple and flexible installation, with light-line creation possibility.

### Benefits

- Philips quality and reliability
- Energy saving
- Compact design
- Easy and flexible installation, with line connection possibility

### Features

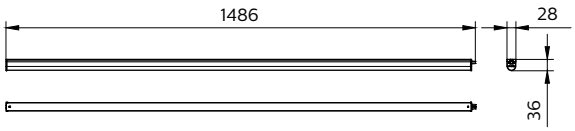
- Light line up to ten battens
- Mounting accessories included
- Available in from 30cm to 1.8m length
- 2 CCT: 3000K, 4000K

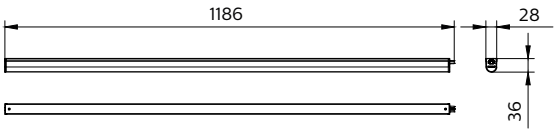
### Application

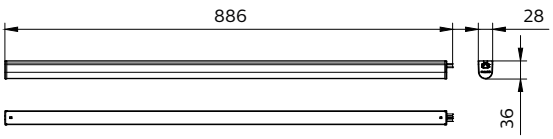
- General lighting
- Storage rooms
- Cove lighting

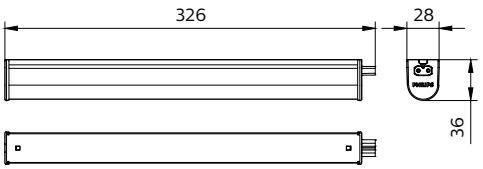
# Ledinaire Batten

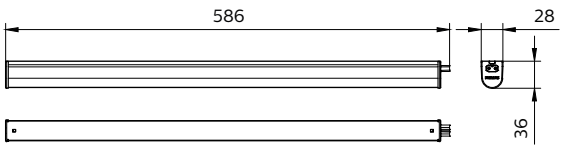
## Dimensional drawing




## Product details



**Ledinaire batten, BN021C, Connection**

**Ledinaire batten, BN021C, Accessories included**

# Ledinaire Batten

## Product details

Ledinaire batten, BN021C, Light-line via connection cable



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



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

| General Information | |
|---|---|
| **Driver included** | Yes |
| **Number of gear units** | 1 unit |
| **Light Technical** | |
| **Color rendering index (CRI)** | >80 |
| **Operating and Electrical** | |
| **Protection class IEC** | Safety class II |
| **Input Voltage** | 220 to 240 V |
| **Line Frequency** | 50 or 60 Hz |
| **Suitable for random switching** | Not applicable |
| **Controls and Dimming** | |
| **Dimmable** | No |
| **Maximum dim level** | Not applicable |
| **Mechanical and Housing** | |
| **Housing Color** | White |
| **Mech. impact protection code** | IK02 |
| **Ingress protection code** | IP20 |
| **Approval and Application** | |
| **Ambient temperature range** | -20 to +40 °C |
| **CE mark** | Yes |
| **ENEC mark** | - |
| **Flammability mark** | For mounting on normally flammable surfaces |
| **Glow-wire test** | Temperature 650 °C, duration 30 s |

### General Information

| Order Code | Full Product Name | Light source replaceable |
|---|---|---|
| 911401805887 | BN021C LED20S/840 L1200 CFW | - |
| 911401842382 | BN021C LED20S/840 L1200 | No |
| 911401842482 | BN021C LED19S/830 L1200 | No |
| 911401842582 | BN021C LED25S/840 L1500 | No |
| 911401842682 | BN021C LED24S/830 L1500 | No |
| 911401805787 | BN021C LED10S/840 L600 CFW | - |
| 911401841782 | BN021C LED5S/840 L300 | No |
| 911401841882 | BN021C LED5S/830 L300 | No |
| 911401841982 | BN021C LED10S/840 L600 | No |
| 911401842082 | BN021C LED10S/830 L600 | No |
| 911401842182 | BN021C LED15S/840 L900 | No |
| 911401842282 | BN021C LED14S/830 L900 | No |

# Ledinaire Batten

## Light Technical (1/2)

| Order Code | Full Product Name | Beam angle of light source | Correlated Color Temperature (Nom) | Luminous Efficacy (rated) (Nom) | Luminous Flux |
|---|---|---|---|---|---|
| 911401805887 | BN021C LED20S/840 L1200 CFW | 140 degree(s) | 4000 K | 105 lm/W | 2,000 lm |
| 911401842382 | BN021C LED20S/840 L1200 | - | 4000 K | 105 lm/W | 2,100 lm |
| 911401842482 | BN021C LED19S/830 L1200 | - | 3000 K | 95 lm/W | 1,900 lm |
| 911401842582 | BN021C LED25S/840 L1500 | - | 4000 K | 108 lm/W | 2,600 lm |
| 911401842682 | BN021C LED24S/830 L1500 | - | 3000 K | 100 lm/W | 2,400 lm |
| 911401805787 | BN021C LED10S/840 L600 CFW | 140 degree(s) | 4000 K | 105 lm/W | 1,000 lm |

| Order Code | Full Product Name | Beam angle of light source | Correlated Color Temperature (Nom) | Luminous Efficacy (rated) (Nom) | Luminous Flux |
|---|---|---|---|---|---|
| 911401841782 | BN021C LED5S/840 L300 | - | 4000 K | 108 lm/W | 500 lm |
| 911401841882 | BN021C LED5S/830 L300 | - | 3000 K | 96 lm/W | 480 lm |
| 911401841982 | BN021C LED10S/840 L600 | - | 4000 K | 105 lm/W | 1,050 lm |
| 911401842082 | BN021C LED10S/830 L600 | - | 3000 K | 96 lm/W | 960 lm |
| 911401842182 | BN021C LED15S/840 L900 | - | 4000 K | 107 lm/W | 1,600 lm |
| 911401842282 | BN021C LED14S/830 L900 | - | 3000 K | 97 lm/W | 1,450 lm |

## Light Technical (2/2)

| Order Code | Full Product Name | Optic type |
|---|---|---|
| 911401805887 | BN021C LED20S/840 L1200 CFW | Opal |
| 911401842382 | BN021C LED20S/840 L1200 | Very wide beam |
| 911401842482 | BN021C LED19S/830 L1200 | Very wide beam |
| 911401842582 | BN021C LED25S/840 L1500 | Very wide beam |
| 911401842682 | BN021C LED24S/830 L1500 | Very wide beam |
| 911401805787 | BN021C LED10S/840 L600 CFW | Opal |

| Order Code | Full Product Name | Optic type |
|---|---|---|
| 911401841782 | BN021C LED5S/840 L300 | Very wide beam |
| 911401841882 | BN021C LED5S/830 L300 | Very wide beam |
| 911401841982 | BN021C LED10S/840 L600 | Very wide beam |
| 911401842082 | BN021C LED10S/830 L600 | Very wide beam |
| 911401842182 | BN021C LED15S/840 L900 | Very wide beam |
| 911401842282 | BN021C LED14S/830 L900 | Very wide beam |

## Operating and Electrical

| Order Code | Full Product Name | Power Consumption |
|---|---|---|
| 911401805887 | BN021C LED20S/840 L1200 CFW | 20 W |
| 911401842382 | BN021C LED20S/840 L1200 | 20 W |
| 911401842482 | BN021C LED19S/830 L1200 | 20 W |
| 911401842582 | BN021C LED25S/840 L1500 | 24 W |
| 911401842682 | BN021C LED24S/830 L1500 | 24 W |
| 911401805787 | BN021C LED10S/840 L600 CFW | 10 W |

| Order Code | Full Product Name | Power Consumption |
|---|---|---|
| 911401841782 | BN021C LED5S/840 L300 | 5 W |
| 911401841882 | BN021C LED5S/830 L300 | 5 W |
| 911401841982 | BN021C LED10S/840 L600 | 10 W |
| 911401842082 | BN021C LED10S/830 L600 | 10 W |
| 911401842182 | BN021C LED15S/840 L900 | 15 W |
| 911401842282 | BN021C LED14S/830 L900 | 15 W |

## Emergency Operation

| Order Code | Full Product Name | Central Emergency |
|---|---|---|
| 911401805887 | BN021C LED20S/840 L1200 CFW | No |
| 911401842382 | BN021C LED20S/840 L1200 | - |
| 911401842482 | BN021C LED19S/830 L1200 | - |
| 911401842582 | BN021C LED25S/840 L1500 | - |
| 911401842682 | BN021C LED24S/830 L1500 | - |

| Order Code | Full Product Name | Central Emergency |
|---|---|---|
| 911401805787 | BN021C LED10S/840 L600 CFW | No |
| 911401841782 | BN021C LED5S/840 L300 | - |
| 911401841882 | BN021C LED5S/830 L300 | - |
| 911401841982 | BN021C LED10S/840 L600 | - |
| 911401842082 | BN021C LED10S/830 L600 | - |

# Ledinaire Batten

| Order Code | Full Product Name | Central Emergency |
|---|---|---|
| 911401842182 | BN021C LED15S/840 L900 | - |

| Order Code | Full Product Name | Central Emergency |
|---|---|---|
| 911401842282 | BN021C LED14S/830 L900 | - |

## Initial Performance (IEC Compliant)

| Order Code | Full Product Name | Initial chromaticity | Luminous flux tolerance |
|---|---|---|---|
| 911401805887 | BN021C LED20S/840 L1200 CFW | (0.38, 0.38) SDCM ≤5 | -10% / +10% |
| 911401842382 | BN021C LED20S/840 L1200 | 0.38, 0.38, SDCM≤5 | +/-10% |
| 911401842482 | BN021C LED19S/830 L1200 | 0.43, 0.40, SDCM≤5 | +/-10% |
| 911401842582 | BN021C LED25S/840 L1500 | 0.38, 0.38, SDCM≤5 | +/-10% |
| 911401842682 | BN021C LED24S/830 L1500 | 0.43, 0.40, SDCM≤5 | +/-10% |
| 911401805787 | BN021C LED10S/840 L600 CFW | (0.38, 0.38) SDCM ≤5 | -10% / +10% |

| Order Code | Full Product Name | Initial chromaticity | Luminous flux tolerance |
|---|---|---|---|
| 911401841782 | BN021C LED5S/840 L300 | 0.38, 0.38, SDCM≤5 | +/-10% |
| 911401841882 | BN021C LED5S/830 L300 | 0.43, 0.40, SDCM≤5 | +/-10% |
| 911401841982 | BN021C LED10S/840 L600 | 0.38, 0.38, SDCM≤5 | +/-10% |
| 911401842082 | BN021C LED10S/830 L600 | 0.43, 0.40, SDCM≤5 | +/-10% |
| 911401842182 | BN021C LED15S/840 L900 | 0.38, 0.38, SDCM≤5 | +/-10% |
| 911401842282 | BN021C LED14S/830 L900 | 0.43, 0.40, SDCM≤5 | +/-10% |

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