PHILIPS

**BN021C LED19S/830 L1200**

911401842482



# Ledinaire Batten, 20 W, L1200 mm, 1900 lm, 3000 K, Opal, IP20, TW1-ready

L1200 mm, Polycarbonate, White, Power supply unit (On/Off), 1900 lm, 20 W, 95 lm/W, 3000 K, 0.43, 0.40, SDCM≤5, Very wide beam, Opal, Polycarbonate, IP20 | Finger-protected, IK02 | 0.2 J standard, Safety class II, Plug-in connector 2-pole, Simple Connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included)

## General Information

| | |
|---|---|
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Driver included | Yes |
| Sustainability rating | Unclassified |
| Service tag | No |
| Lighting Technology | LED |
| Value ladder | Value |
| Warranty period | 5 years |

## Light Technical

| | |
|---|---|
| Luminous Flux | 1,900 lm |
| Saturated Red (R9) | <50 |
| Correlated Color Temperature (Nom) | 3000 K |
| Luminous Efficacy (rated) (Nom) | 95 lm/W |
| Color rendering index (CRI) | >80 |
| Light source color | 830 warm white |
| Optic type | Very wide beam |
| Luminaire light beam spread | 174° |
| Unified glare rating CEN | 27 |

## Operating and Electrical

| | |
|---|---|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 or 60 Hz |
| Inrush current | 14.3 A |
| Inrush time | 0.001 ms |
| Power Consumption | 20 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Plug-in connector 2-pole |
| Cable | - |
| Number of products on MCB of 16 A type B | 10 |
| Suitable for random switching | Yes |
| Protection class IEC | Safety class II |
| Feed-through wiring | Simple Connection and removable cover available for feed-through wiring 1-phase (internal wiring is not included) |

## Controls and Dimming

| | |
|---|---|
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Control interface | - |
| Constant light output | No |
| Maximum dim level | Not applicable |

## Mechanical and Housing

| | |
|---|---|
| Housing Material | Polycarbonate |
| Reflector material | Polycarbonate |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Fixation material | - |
| Housing Color | White |
| Optical cover finish | Opal |
| Overall length | 1,186 mm |
| Overall width | 28.4 mm |
| Overall height | 35.7 mm |
| Dimensions (Height x Width x Depth) | 36 x 28 x 1186 mm |
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Net Weight (Piece) | 0.160 kg |

## Approval and Application

| | |
|---|---|
| Glow-wire test | Temperature 650 °C, duration 30 s |
| Flammability mark | For mounting on normally flammable surfaces |
| CE mark | Yes |
| ENEC mark | - |
| Photobiological risk | Photobiological risk group 0 @200mm to EN62778 |
| Photobiological risk specification | 0.2 m |
| EU RoHS compliant | Yes |
| Performance ambient temperature Tq | 25 °C |
| Ambient temperature range | -20 to +40 °C |

## Initial Performance (IEC Compliant)

| | |
|---|---|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | 0.43, 0.40, SDCM≤5 |
| Power consumption tolerance | +/-10% |
| Standard Deviation of Colour Matching (McAdam ellipse) | SDCM≤5 |

## Over Time Performance (IEC Compliant)

| | |
|---|---|
| Control gear failure rate at median useful life 50000 h | 7.5 % |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h | L65 |

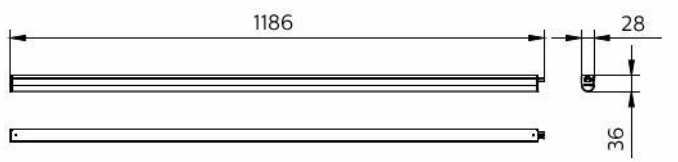
## Sustainability Data

| | |
|---|---|
| Repair class | Repair Class D, this product is not designed to be repaired. |
| Embedded carbon (A1-A3) | 3.71 kg $CO_2e$ |
| Product non-virgin material ratio | 12.4 % |
| Recyclable content ratio of the finished product | 48.3 % |
| GWP total B6 (kg CO2eq) Declared Unit | Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO2eq / kwh) |
| GWP total B6 (kg CO2eq) Functional Unit | Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) /lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO2 eq / kwh) |
| Non-virgin material ratio of the packaging | Cardboard > 80% recycled |
| Packaging Recyclable content ratio | Cardboard recycling rate > 80% |
| Packaging Material | Cardboard |

## Product Data

| | |
|---|---|
| Order product name | BN021C LED19S/830 L1200 |
| Full product name | BN021C LED19S/830 L1200 |
| Full product code | 871951452791199 |
| Order code | 911401842482 |
| Material Nr. (12NC) | 911401842482 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8719514527911 |
| Numerator - Packs per outer box | 40 |
| EAN/UPC - Case | 8719514528017 |

## Dimensional drawing




## Compatible Accesories

| Accessory Image | Accessory Code | Accessory Name | Website |
|---|---|---|---|
|  | 911401846482 | BN021Z C600 | Product Website |

## Related Documents

| Documents and certificates | Document Name | Download |
|---|---|---|
| Environmental Product Declaration | EPD-Philips-Ledinaire-batten-BN021C-LED19S-830-L1200-911401842482.pdf | Download |
| Installation Instructions | BN021C EU-MI-0427_Final v3.pdf | Download |

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