



TrueLine, recessed

RC530B 34S/930 DEIA W8L120 VPC IP

TrueLine, recessed, 24.5 W, 1200x80 mm, VPC, 3400 lm, 3000 K, CRI>90, DALI, Interact Ready, UGR19

Architects need a lighting solution that matches the interior architecture of the space they are enhancing. They want a light line with elegant proportions and high light levels that offers maximum design freedom. Philips TrueLine is a flexible linear luminaire for indoor office applications that offers excellent quality with the promise of future-proof upgrades. Specifiers need luminaires that save energy, at the same time as providing the right level of light. TrueLine recessed meets both these sets of requirements. Not only is it compliant with the WELL Building Standard for Light, TrueLine recessed is rated UGR<19, which is compliant with all office norms (OC). TrueLine also comes in suspended and surface-mounted versions. All the luminaires in the family are available in different lengths, shapes, colors and light outputs. This offers the ultimate design flexibility and unlimited possibilities. TrueLine luminaires are also a sustainable, future-proof choice with high efficiency up to 174 lm/W and the option to upgrade to wireless connectivity and control.

Warnings and Safety

- The product is IPX0 and, as such, is not protected against water ingress. Therefore, we strongly recommend that the environment in which the luminaire is to be installed is suitably checked.
- If the above advice is not taken and the luminaires are subject to water ingress, Philips / Signify cannot guarantee safe failure and the product warranty will become void.

Product data

| General Information | | Lighting Technology | |
|--------------------------|--------|---------------------|---------------|
| Light source replaceable | No | Value ladder | Specification |
| Number of gear units | 1 unit | Warranty period | 5 years |
| Driver included | Yes | | |
| Service tag | Yes | | |

TrueLine, recessed

| Light Technical | |
|--|--|
| Luminous Flux | 3,400 lm |
| Saturated Red (R9) | >50 |
| Correlated Color Temperature (Nom) | 3000 K |
| Luminous Efficacy (rated) (Nom) | 131 lm/W |
| Color rendering index (CRI) | >90 |
| Beam angle of light source | - degree(s) |
| Light source color | 930 warm white |
| Optic type | Wide beam |
| Luminaire light beam spread | 80° |
| Unified glare rating CEN | 19 |
| Operating and Electrical | |
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Initial CLO power consumption | - W |
| Average CLO power consumption | - W |
| Inrush current | 19.4 A |
| Inrush time | 200 ms |
| Power Consumption | 24.5 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Push-in connector 5-pole |
| Cable | - |
| Number of products on MCB of 16 A type B | 30 |
| Suitable for random switching | No |
| Protection class IEC | Safety class I |
| Total harmonic distortion | 20 % |
| Controls and Dimming | |
| Driver/power unit/transformer | Dali dimming Interact System ready external for central emergency lighting |
| Control interface | DALI |
| Constant light output | No |
| DALI Standard | DALI-2™ |
| Maximum dim level | 1% |
| Connectivity | Interact Ready |
| Mechanical and Housing | |
| Housing Material | Steel |
| Reflector material | - |
| Optic material | - |
| Optical cover material | Polymethyl methacrylate |
| Fixation material | Steel |
| Housing Color | White |
| Optical cover finish | Structured optic |
| Overall length | 1,197 mm |
| Overall width | 75 mm |
| Overall height | 90 mm |
| Dimensions (Height x Width x Depth) | 90 x 75 x 1197 mm |
| Compatible ceiling or ceiling installation accessory type | Visible profile ceiling version |
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK03 [0.35 J reinforced] |
| Net Weight (Piece) | 2.600 kg |
| Emergency Operation | |
| Central Emergency | Yes |
| Emergency lighting | DC operated central emergency lighting |
| 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 | ENEC mark |
| Photobiological risk | Photobiological risk group 1 @200mm to EN62778 |
| EU RoHS compliant | Yes |
| Performance ambient temperature Tq | 25 °C |
| Flickering value (PstLM) - Flickering value as per EN 61000-3-3 | 1 |
| Stroboscopic effect visibility measure (SVM) | 0.4 |
| Ambient temperature range | +10 to +40 °C |
| Initial Performance (IEC Compliant) | |
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.43, 0.40) SDCM <3 |
| Power consumption tolerance | +/-10% |
| Standard Deviation of Colour Matching (McAdam ellipse) | SDCM≤3 |
| Over Time Performance (IEC Compliant) | |
| Control gear failure rate at median useful life 50000 h | 5 % |
| Control gear failure rate at median useful life 100000 h | 10 % |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 35000 h | - |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h | L90 |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 75000 h | - |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h | L80 |
| Sustainability Data | |
| Sustainability rating | Unclassified |
| Serviceability class | Class B, luminaire is equipped with some serviceable parts (when applicable): driver, control units, surge protection device, front cover and mechanical parts |

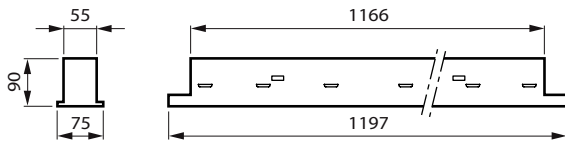
TrueLine, recessed

Product Data

| | |
|-------------------------------|-----------------------------------|
| Order product name | RC530B 34S/930 DEIA W8L120 VPC IP |
| Full product name | RC530B 34S/930 DEIA W8L120 VPC IP |
| Full product code | 871951497150900 |
| Order code | 910505103105 |
| Material Nr. (12NC) | 910505103105 |
| Numerator - Quantity Per Pack | 1 |

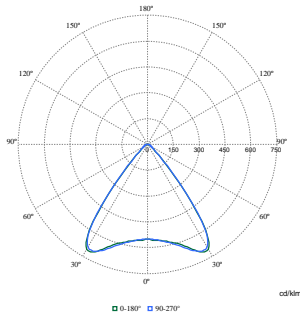
| | |
|---------------------------------|-------------------------------|
| EAN/UPC - Product/Case | 8719514971509 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8719514971509 |
| Product family code | RC530B [TrueLine Recessed OC] |

Dimensional drawing



Recessed VPC_W8L120_sensor/IP

Photometric data



Polar Normal (separate) - RC530BI - 910505103105

