



CoreLine panel

RC127V LED36S/840 PSU W30L120 OC

CoreLine panel, 36 W, 1200x300 mm, 3600 lm, 4000 K, UGR19

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Panel range of LED products can be used to replace functional luminaires in general lighting applications. Both Non-Office Compliant (NOC) version and Office Compliant version (OC) are now available. The process of selecting, installing and maintaining is so easy – it's a simple switch.

Product data

| General Information | | EU RoHS compliant | |
|--------------------------|--|------------------------------------|-------------------|
| Lamp family code | LED36S [LED module, system flux 3600 lm] | Yes | |
| Light source replaceable | No | | |
| Number of gear units | 1 unit | | |
| Driver included | Yes | | |
| Remarks | *-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value. | | |
| Lighting Technology | | Light Technical | |
| Value ladder | Performance | Luminous Flux | 3,600 lm |
| CE mark | Yes | Correlated Color Temperature (Nom) | 4000 K |
| Warranty period | 3 years + 2 years upon registration | Luminous Efficacy (rated) (Nom) | 100 lm/W |
| Flammability mark | For mounting on normally flammable surfaces | Color rendering index (CRI) | ≥80 |
| ENEC mark | ENEC mark | Light source color | 840 neutral white |
| Glow-wire test | Temperature 650 °C, duration 30 s | Optic type | - |
| | | Luminaire light beam spread | 100° |
| | | Unified glare rating CEN | 19 |
| | | Operating and Electrical | |
| | | Input Voltage | 220 to 240 V |
| | | Line Frequency | 50 to 60 Hz |
| | | Inrush current | 17 A |
| | | Inrush time | 0.25 ms |
| | | Power Consumption | 36 W |
| | | Power Factor (Fraction) | 0.9 |

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| | |
|--|-----------------------------------|
| Connection | Push-in connector and pull relief |
| Cable | - |
| Number of products on MCB of 16 A type B | 28 |

Temperature

| | |
|---------------------------|---------------|
| Ambient temperature range | +10 to +40 °C |
|---------------------------|---------------|

Controls and Dimming

| | |
|-------------------------------|----------------------------|
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Constant light output | No |

Mechanical and Housing

| | |
|-------------------------------------|--------------------|
| Housing Material | Aluminum |
| Reflector material | - |
| Optic material | - |
| Optical cover material | Polycarbonate |
| Fixation material | - |
| Housing Color | White |
| Optical cover finish | Opal |
| Overall length | 1,197 mm |
| Overall width | 297 mm |
| Overall height | 42 mm |
| Dimensions (Height x Width x Depth) | 42 x 297 x 1197 mm |

Approval and Application

| | |
|-------------------------|--|
| Ingress protection code | IP20/44 [Finger-protected; wire-protected, splash-proof] |
|-------------------------|--|

| | |
|------------------------------|-----------------------|
| Mech. impact protection code | IK02 [0.2 J standard] |
| Protection class IEC | Safety class II |

Initial Performance (IEC Compliant)

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|-----------------------------|----------------------|
| Luminous flux tolerance | +/-10% |
| Initial chromaticity | (0.38, 0.38) SDCM <5 |
| Power consumption tolerance | +/-10% |

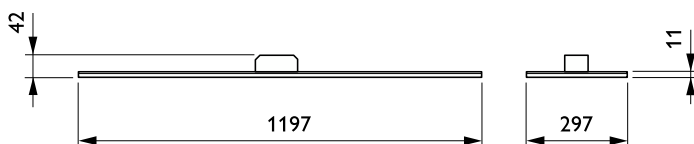
Application Conditions

| | |
|------------------------------------|-------|
| Performance ambient temperature Tq | 25 °C |
| Suitable for random switching | Yes |

Product Data

| | |
|---------------------------------|----------------------------------|
| Order product name | RC127V LED36S/840 PSU W30L120 OC |
| Full product name | RC127V LED36S/840 PSU W30L120 OC |
| Full product code | 871869607090100 |
| Order code | 07090100 |
| Material Nr. (12NC) | 910503910261 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718696070901 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718696070901 |

Dimensional drawing



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