



Coreview Troffer G3

RC420B LED50S/865 PSU W60L120 GM

Coreview Troffer G3, 100 lm/W, 865 cool daylight, DALI

Indirect LED troffer delivering soft and uniform light with visual comfort

Warnings and Safety

- The product is IPX0 & as such is not protected against water ingress & as such 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 & product warranty will become void

Product data

| General Information | |
|--------------------------|-----------------------------------|
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Driver included | Yes |
| Light source engine type | LED |
| CE mark | CE mark |
| Warranty period | 3 years |
| Glow-wire test | Temperature 600 °C, duration 30 s |

| Light Technical | |
|------------------------------------|-------------------|
| Luminous Flux | 3,600 lm |
| Correlated Color Temperature (Nom) | 6500 K |
| Luminous Efficacy (rated) (Nom) | 100 lm/W |
| Color rendering index (CRI) | >80 |
| Light source color | 865 cool daylight |
| Optic type | Wide beam |
| Optical cover type | Opal |

| | |
|-----------------------------|------|
| Luminaire light beam spread | 120° |
|-----------------------------|------|

| Operating and Electrical | |
|--|--------------------|
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 or 60 Hz |
| Inrush current | 22 A |
| Inrush time | 2,750 ms |
| Power Consumption | 36 W |
| Power Factor (Fraction) | 0.9 |
| Connection | Internal connector |
| Number of products on MCB of 16 A type B | 24 |

| Temperature | |
|---------------------------|---------------|
| Ambient temperature range | -20 to +40 °C |

| Controls and Dimming | |
|----------------------|------|
| Dimmable | Yes |
| Control interface | DALI |

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|--|-------------------------|
| Constant light output | No |
| Mechanical and Housing | |
| Housing Material | Metal |
| Optic material | Polystyrene |
| Optical cover material | Polymethyl methacrylate |
| Fixation material | Steel |
| Housing Color | White |
| Optical cover finish | Opal |
| Overall length | 1,197 mm |
| Overall width | 297 mm |
| Overall height | 96 mm |
| Dimensions (Height x Width x Depth) | 96 x 297 x 1197 mm |
| Approval and Application | |
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK03 [0.3 J] |
| Protection class IEC | Safety class I |
| Initial Performance (IEC Compliant) | |
| Luminous flux tolerance | +/-10% |

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|--|----------------------------------|
| Initial chromaticity | (0.43, 0.40) SDCM<4 |
| Power consumption tolerance | +/-10% |
| Over Time Performance (IEC Compliant) | |
| Median useful life L70B50 | 50,000 hour(s) |
| Application Conditions | |
| Maximum dim level | 1% |
| Product Data | |
| Order product name | RC420B LED50S/865 PSU W60L120 GM |
| Full product name | RC420B LED50S/865 PSU W60L120 GM |
| Full product code | 872016972495299 |
| Order code | 911401802397 |
| Material Nr. (12NC) | 911401802397 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8720169724952 |
| Numerator - Packs per outer box | 2 |
| EAN/UPC - Case | 8720169724952 |

Dimensional drawing

