

# Lighting

**PHILIPS** 

# **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 IPXO & 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               |
|  |                    |

### **Coreview Troffer G3**

| 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            |                         |

| Power consumption tolerance     | +/-10%                           |
|---------------------------------|----------------------------------|
| Over Time Performance (IEC Con  | npliant)                         |
| 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                    |

(0.43, 0.40) SDCM<4

Initial chromaticity

#### Protection class IEC

Luminous flux tolerance

Ingress protection code

Mech. impact protection code

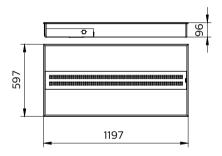
+/-10%

IP20 [Finger-protected]

IK03 [0.3 J]

Safety class I

#### **Dimensional drawing**





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