



# 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                |                                   | Luminaire light beam spread              |                    |
|------------------------------------|-----------------------------------|------------------------------------------|--------------------|
| Light source replaceable           | No                                | 120°                                     |                    |
| Number of gear units               | 1 unit                            | Operating and Electrical                 |                    |
| Driver included                    | Yes                               | Input Voltage                            | 220 to 240 V       |
| Light source engine type           | LED                               | Line Frequency                           | 50 or 60 Hz        |
| CE mark                            | CE mark                           | Inrush current                           | 22 A               |
| Warranty period                    | 3 years                           | Inrush time                              | 2,750 ms           |
| Glow-wire test                     | Temperature 600 °C, duration 30 s | Power Consumption                        | 36 W               |
| Light Technical                    |                                   | Power Factor (Fraction)                  | 0.9                |
| Luminous Flux                      | 3,600 lm                          | Connection                               | Internal connector |
| Correlated Color Temperature (Nom) | 6500 K                            | Number of products on MCB of 16 A type B | 24                 |
| Luminous Efficacy (rated) (Nom)    | 100 lm/W                          | Temperature                              |                    |
| Color rendering index (CRI)        | >80                               | Ambient temperature range                | -20 to +40 °C      |
| Light source color                 | 865 cool daylight                 | Controls and Dimming                     |                    |
| Optic type                         | Wide beam                         | Dimmable                                 | Yes                |
| Optical cover type                 | Opal                              | Control interface                        | DALI               |

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|                                            |                         |
|--------------------------------------------|-------------------------|
| Constant light output                      | No                      |
| <b>Mechanical and Housing</b>              |                         |
| 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      |
| <b>Approval and Application</b>            |                         |
| Ingress protection code                    | IP20 [Finger-protected] |
| Mech. impact protection code               | IK03 [0.3 J]            |
| Protection class IEC                       | Safety class I          |
| <b>Initial Performance (IEC Compliant)</b> |                         |
| Luminous flux tolerance                    | +/-10%                  |

|                                              |                                  |
|----------------------------------------------|----------------------------------|
| Initial chromaticity                         | (0.43, 0.40) SDCM<4              |
| Power consumption tolerance                  | +/-10%                           |
| <b>Over Time Performance (IEC Compliant)</b> |                                  |
| Median useful life L70B50                    | 50,000 hour(s)                   |
| <b>Application Conditions</b>                |                                  |
| Maximum dim level                            | 1%                               |
| <b>Product Data</b>                          |                                  |
| 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

