

# Coreview Troffer G3

## RC420B LED35S/840 PSU W60L60 GM

Coreview Troffer G3, 100 lm/W, 840 neutral white

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** | 5,000 lm |
| **Correlated Color Temperature (Nom)** | 4000 K |
| **Luminous Efficacy (rated) (Nom)** | 100 lm/W |
| **Color rendering index (CRI)** | >80 |
| **Light source color** | 840 neutral white |
| **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** | 19 A |
| **Inrush time** | 280 ms |
| **Power Consumption** | 50 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** | No |
| **Control interface** | - |

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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** | 597 mm |
| **Overall height** | 121 mm |
| **Dimensions (Height x Width x Depth)** | 121 x 597 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% |
| **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) |

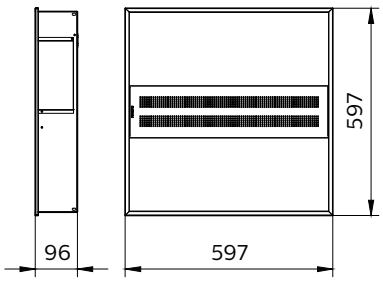
## Application Conditions

| | |
|---|---|
| **Maximum dim level** | Not applicable |

## Product Data

| | |
|---|---|
| **Order product name** | RC420B LED35S/840 PSU W60L60 GM |
| **Full product name** | RC420B LED35S/840 PSU W60L60 GM |
| **Full product code** | 872016972492199 |
| **Order code** | 911401803897 |
| **Material Nr. (12NC)** | 911401803897 |
| **Numerator - Quantity Per Pack** | 1 |
| **EAN/UPC - Product/Case** | 8720169724921 |
| **Numerator - Packs per outer box** | 2 |
| **EAN/UPC - Case** | 8720169724921 |

## Dimensional drawing




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