



# A full indirect light troffer

## CoreView G4 RC420B

RC420B G4 inherits the elegant and classic indirect light design from previous generation but with slimmer outlook. It offers 3 types, 600x600, 300x1200, and 600x1200 (Customized offer)mm with max: 108lm/w. Air slot option applies to 600x1200mm type to give fast and easy support to the projects where air outlet is required from the office lighting fittings. Full indirect light design provides visual comfort in the office area as well.

### Benefits

- Full range offer from 600x600, 300x1200 to 600x1200(Customized offer) to cover key applications
- High system efficacy from indirect light design to provide additional energy saving
- Dali, Tunable white, Interact Office options are available for total system offer
- Slim design for critical office space installation

### Features

- System efficiency 108lm/W(max)
- CRI80 and CRI90 (with customized solution)
- Max height <=90mm (without driver)
- Lifetime: 50K hours (L70@25deg)

### Application

- Open plan office
- Public indoor area
- Meeting/Training room

### Specifications

|               |               |
|---------------|---------------|
| Mounting type | Recessed      |
| Ceiling type  | T-bar ceiling |

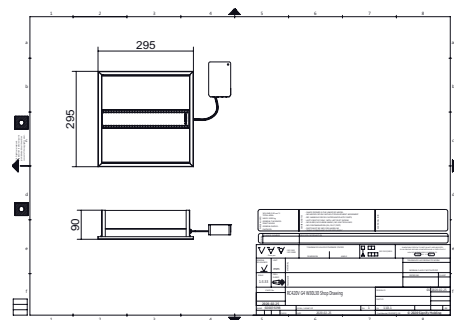
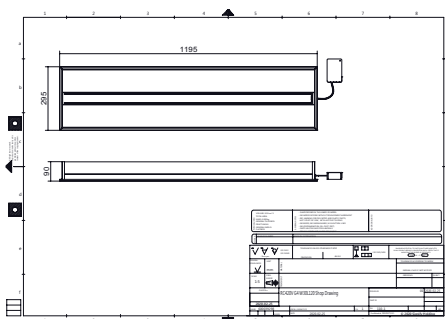
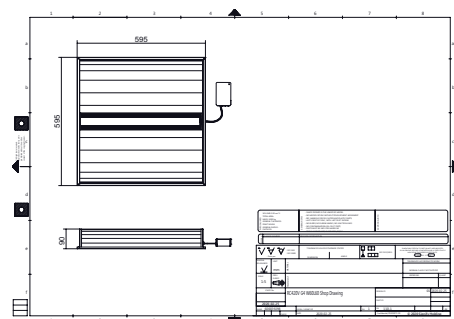
|               |                    |
|---------------|--------------------|
| Mains Voltage | 220-240V / 50-60Hz |
|---------------|--------------------|

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|                                         |                                     |
|-----------------------------------------|-------------------------------------|
| Dimming                                 | PSU: non-dimmable                   |
|                                         | PSD: Dimmable via Dali-broadcasting |
| Material                                | Housing: metal sheet                |
| Lumen maintenance at median useful life | L70B50                              |
| 50.000h                                 |                                     |

|                                            |      |
|--------------------------------------------|------|
| Color Rendering index - 840, 850, 940, 950 |      |
| CRI                                        |      |
| Risk Group                                 | RG0  |
| Ingress protection                         | IP20 |
| Driver replaceable                         | Yes  |

## Dimensional drawing



| General Information                 |                |
|-------------------------------------|----------------|
| Service tag                         | Yes            |
| Operating and Electrical            |                |
| Input Voltage                       | 220 to 240 V   |
| Line Frequency                      | 50 or 60 Hz    |
| Mechanical and Housing              |                |
| Optical cover type                  | -              |
| Housing Color                       | White RAL 9003 |
| Mech. impact protection code        | -              |
| Ingress protection code             | IP20           |
| Approval and Application            |                |
| Ambient temperature range           | -20 to +45 °C  |
| CE mark                             | Yes            |
| Initial Performance (IEC Compliant) |                |
| Luminous flux tolerance             | +/-10%         |

## Light Technical

| Order Code   | Full Product Name               | Correlated Color Temperature (Nom) | Color rendering index (CRI) | Luminous Efficacy (rated) (Nom) | Luminous Flux |
|--------------|---------------------------------|------------------------------------|-----------------------------|---------------------------------|---------------|
| 911401594071 | RC420V G4 LED38/840 W30L120 PSU | 4000 K                             | >80                         | 111 lm/W                        | 4,000 lm      |
| 911401594171 | RC420V G4 LED38/850 W30L120 PSU | 5000 K                             | >80                         | 111 lm/W                        | 4,000 lm      |
| 911401594871 | RC420V G4 LED35/940 W30L120 PSU | 4000 K                             | >90                         | 105 lm/W                        | 3,780 lm      |
| 911401594971 | RC420V G4 LED35/950 W30L120 PSU | 5000 K                             | >90                         | 105 lm/W                        | 3,780 lm      |
| 911401595671 | RC420V G4 LED38/840 W30L120 PSD | 4000 K                             | >80                         | 111 lm/W                        | 4,000 lm      |
| 911401597471 | RC420V G4 LED38/9TW W30L120     | 3000 - 6500 K                      | >80                         | 89 lm/W                         | 3,290 lm      |
| 911401595271 | RC420V G4 LED16/940 W30L30 PSU  | 4000 K                             | >90                         | 89 lm/W                         | 1,700 lm      |

| Order Code   | Full Product Name                 | Correlated Color | Color       | Luminous         | Luminous Flux |
|--------------|-----------------------------------|------------------|-------------|------------------|---------------|
|              |                                   | Temperature      | rendering   | Efficacy (rated) |               |
|              |                                   | (Nom)            | index (CRI) | (Nom)            |               |
| 911401595371 | RC420V G4 LED16/950<br>W30L30 PSU | 5000 K           | >90         | 89 lm/W          | 1,700 lm      |
| 911401594271 | RC420V G4 LED38/840<br>W60L60 PSU | 4000 K           | >80         | 106 lm/W         | 3,800 lm      |
| 911401594371 | RC420V G4 LED38/850<br>W60L60 PSU | 5000 K           | >80         | 106 lm/W         | 3,800 lm      |
| 911401595071 | RC420V G4 LED35/940<br>W60L60 PSU | 4000 K           | >90         | 100 lm/W         | 3,600 lm      |
| 911401595171 | RC420V G4 LED35/950<br>W60L60 PSU | 5000 K           | >90         | 100 lm/W         | 3,600 lm      |
| 911401595871 | RC420V G4 LED38/840<br>W60L60 PSD | 4000 K           | >80         | 106 lm/W         | 3,800 lm      |
| 911401595971 | RC420V G4 LED38/850<br>W60L60 PSD | 5000 K           | >80         | 106 lm/W         | 3,800 lm      |
| 911401596671 | RC420V G4 LED35/940<br>W60L60 PSD | 4000 K           | >90         | 100 lm/W         | 3,600 lm      |
| 911401597371 | RC420V G4 LED38/8TW<br>W60L60     | 3000 - 6500 K    | >80         | 90 lm/W          | 3,500 lm      |
| 911401597571 | RC420V G4 LED38/9TW<br>W60L60     | 3000 - 6500 K    | >80         | 84 lm/W          | 3,290 lm      |

Operating and Electrical

| Order Code   | Full Product Name                  | Protection class IEC | Power Consumption | Order Code   | Full Product Name                 | Protection class IEC | Power Consumption |
|--------------|------------------------------------|----------------------|-------------------|--------------|-----------------------------------|----------------------|-------------------|
| 911401594071 | RC420V G4 LED38/840<br>W30L120 PSU | Safety class II      | 36 W              | 911401594371 | RC420V G4 LED38/850<br>W60L60 PSU | Safety class II      | 36 W              |
| 911401594171 | RC420V G4 LED38/850<br>W30L120 PSU | Safety class II      | 36 W              | 911401595071 | RC420V G4 LED35/940<br>W60L60 PSU | Safety class II      | 36 W              |
| 911401594871 | RC420V G4 LED35/940<br>W30L120 PSU | Safety class II      | 36 W              | 911401595171 | RC420V G4 LED35/950<br>W60L60 PSU | Safety class II      | 36 W              |
| 911401594971 | RC420V G4 LED35/950<br>W30L120 PSU | Safety class II      | 36 W              | 911401595871 | RC420V G4 LED38/840<br>W60L60 PSD | Safety class II      | 36 W              |
| 911401595671 | RC420V G4 LED38/840<br>W30L120 PSD | Safety class II      | 36 W              | 911401595971 | RC420V G4 LED38/850<br>W60L60 PSD | Safety class II      | 36 W              |
| 911401597471 | RC420V G4 LED38/9TW<br>W30L120     | Safety class I       | 37 W              | 911401596671 | RC420V G4 LED35/940<br>W60L60 PSD | Safety class II      | 36 W              |
| 911401595271 | RC420V G4 LED16/940<br>W30L30 PSU  | Safety class II      | 19 W              | 911401597371 | RC420V G4 LED38/8TW<br>W60L60     | Safety class I       | 39 W              |
| 911401595371 | RC420V G4 LED16/950<br>W30L30 PSU  | Safety class II      | 19 W              | 911401597571 | RC420V G4 LED38/9TW<br>W60L60     | Safety class I       | 39 W              |
| 911401594271 | RC420V G4 LED38/840<br>W60L60 PSU  | Safety class II      | 36 W              |              |                                   |                      |                   |

Controls and Dimming

| Order Code   | Full Product Name               | Dimmable | Order Code   | Full Product Name               | Dimmable |
|--------------|---------------------------------|----------|--------------|---------------------------------|----------|
| 911401594071 | RC420V G4 LED38/840 W30L120 PSU | No       | 911401594971 | RC420V G4 LED35/950 W30L120 PSU | No       |
| 911401594171 | RC420V G4 LED38/850 W30L120 PSU | No       | 911401595671 | RC420V G4 LED38/840 W30L120 PSD | Yes      |
| 911401594871 | RC420V G4 LED35/940 W30L120 PSU | No       | 911401597471 | RC420V G4 LED38/9TW W30L120     | Yes      |

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| Order Code   | Full Product Name              | Dimmable |
|--------------|--------------------------------|----------|
| 911401595271 | RC420V G4 LED16/940 W30L30 PSU | No       |
| 911401595371 | RC420V G4 LED16/950 W30L30 PSU | No       |
| 911401594271 | RC420V G4 LED38/840 W60L60 PSU | No       |
| 911401594371 | RC420V G4 LED38/850 W60L60 PSU | No       |
| 911401595071 | RC420V G4 LED35/940 W60L60 PSU | No       |
| 911401595171 | RC420V G4 LED35/950 W60L60 PSU | No       |

| Order Code   | Full Product Name              | Dimmable |
|--------------|--------------------------------|----------|
| 911401595871 | RC420V G4 LED38/840 W60L60 PSD | Yes      |
| 911401595971 | RC420V G4 LED38/850 W60L60 PSD | Yes      |
| 911401596671 | RC420V G4 LED35/940 W60L60 PSD | Yes      |
| 911401597371 | RC420V G4 LED38/8TW W60L60     | Yes      |
| 911401597571 | RC420V G4 LED38/9TW W60L60     | Yes      |

