



# TrueLine, recessed

## RC530B LED34S/840 PSD W8L113 PCV PI5

TrueLine Recessed OC - LED Module, system flux 3400 lm - 840 neutral white - Power supply unit with DALI interface - Plaster ceiling version - Push-in connector 5-pole (PI) - 1130 mm

Architects need a lighting solution that matches the interior architecture of the property they are working on. They want a light line with an elegant design and very high light levels. Specifiers need luminaires that enable them to save energy while at the same time providing the right level of light, in compliance with office lighting norms. TrueLine, recessed is able to meet both sets of requirements. TrueLine is also available in a suspended version.

### Product data

| General Information           |  | Connection           | Push-in connector 5-pole (PI)   |
|-------------------------------|--|----------------------|---|
| Number of light sources       | 1 [ 1 pc]                                    | Cable                | -   |
| Lamp family code              | LED34S [ LED Module, system flux 3400 lm]    | Protection class IEC | Safety class I (I)  |
| Light source colour           | 840 neutral white                            | Glow-wire test       | 650/5 [ Temperature 650 °C, duration 5 s]   |
| Cap base                      | - [ -]                                       | Flammability mark    | F [ For mounting on normally flammable surfaces]  |
| Light source replaceable      | No   | Type description     | OC [ Office compliant version]  |
| Number of gear units          | 1 unit                                       | CE mark              | CE mark   |
| Gear                          | -  | ENEC mark            | ENEC plus mark  |
| Driver/power unit/transformer | PSD [ Power supply unit with DALI interface] | UL mark              | -   |
| Driver included               | Yes  | Warranty period      | 5 years   |
| Optic type                    | No [ -]                                      | Remarks              | * -Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance |
| Optical cover/lens type       | PM [ PMMA bowl/cover]                        |                      |   |
| Luminaire light beam spread   | 100°   |                      |   |
| Embedded control              | No [ -]                                      |                      |   |
| Control interface             | DALI   |                      |   |

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|                           |  |
|---------------------------|--|
|                           | between B50 and for example B10. Therefore the median useful life (B50) value also represents the B10 value. |
| Constant light output     | No   |
| Number of products on MCB | 24   |
| RoHS mark                 | RoHS mark  |
| Accessory PFC             | N/A  |
| Product Family Code       | RC530B [ TrueLine Recessed OC]   |
| Unified glare rating CEN  | 19   |

### Operating and Electrical

|                        |                |
|------------------------|----------------|
| Input voltage          | 220 to 240 V   |
| Input frequency        | 50 to 60 Hz    |
| Control signal voltage | 0-16 V DC DALI |
| Inrush current         | 19 A           |
| Inrush time            | 0.28 ms        |
| Power factor (min.)    | 0.9            |

### Controls and Dimming

|          |     |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

### Mechanical and Housing

|                             |                                |
|-----------------------------|--------------------------------|
| Geometry                    | Width 0.08 m, length 1.13 m    |
| Housing configuration       | PCV [ Plaster ceiling version] |
| Housing material            | Steel                          |
| Reflector material          | -                              |
| Optic material              | -                              |
| Optical cover/lens material | Polymethyl methacrylate        |
| Gear tray material          | Steel                          |
| Fixation material           | Steel                          |
| Optical cover/lens finish   | Frosted                        |
| Overall length              | 1152 mm                        |
| Overall width               | 115 mm                         |
| Overall height              | 136 mm                         |
| Length                      | 1130 mm                        |
| Colour                      | White                          |

### Approval and Application

|                         |                          |
|-------------------------|--------------------------|
| Ingress protection code | IP20 [ Finger-protected] |
|-------------------------|--------------------------|

|                              |                        |
|------------------------------|------------------------|
| Mech. impact protection code | IK02 [ 0.2 J standard] |
|------------------------------|------------------------|

### Initial Performance (IEC Compliant)

|                                |                      |
|--------------------------------|----------------------|
| Initial luminous flux          | 3400 lm              |
| Luminous flux tolerance        | +/-10%               |
| Initial LED luminaire efficacy | 142 lm/W             |
| Init. Corr. colour temperature | 4000 K               |
| Init. colour rendering index   | ≥80                  |
| Initial chromaticity           | (0.38, 0.38) SDCM <3 |
| Initial input power            | 24 W                 |
| Power consumption tolerance    | +/-10%               |

### Over Time Performance (IEC Compliant)

|   |     |
|---|-----|
| Control gear failure rate at median useful life 50000 h | 5 % |
| Lumen maintenance at median useful life* 50000 h        | L85 |

### Application Conditions

|                                    |               |
|------------------------------------|---------------|
| Ambient temperature range          | +10 to +40 °C |
| Performance ambient temperature Tq | 25 °C         |
| Maximum dimming level              | 1%            |
| Suitable for random switching      | No            |

### Product Data

|                                 |                                      |
|---------------------------------|--------------------------------------|
| Full product code               | 871869906290300                      |
| Order product name              | RC530B LED34S/840 PSD W8L113 PCV PI5 |
| EAN/UPC – product               | 8718699062903                        |
| Order code                      | 06290300                             |
| Numerator – quantity per pack   | 1                                    |
| Numerator – packs per outer box | 1                                    |
| Material no. (12NC)             | 910502048203                         |
| Net weight (piece)              | 2.600 kg                             |

