



# Ledinaire Recessed – Simply great LED

## Ledinaire Recessed

The Ledinaire range contains a selection of popular off-the-shelf LED luminaires that comes with the high Philips quality levels at a competitive price. Reliable, energy efficient and affordable – just what you need.

### Benefits

- Philips quality and reliability
- Energy saving
- Diffuse comfortable light

### Features

- Multiple dimensions available
- Recessed and surface mounted versions
- Modern, unobtrusive design

### Application

- Offices (not screen work)
- Classrooms (not screen work)
- Corridors and circulation areas

## Specifications

|                      |  |
|----------------------|--|
| <b>Type</b>          | RC060B (600-module version)<br>RC062B (625-module version) |
| <b>Ceiling type</b>  | Exposed T-bar ceiling                                      |
| <b>Module size</b>   | 600 x 600, 625 x 625 and 300 x 1200 mm                     |
| <b>Light source</b>  | Non-replaceable and non-serviceable LED module             |
| <b>Power</b>         | 36 W   |
| <b>Beam angle</b>    | 2 x 56° = 112°   |
| <b>Luminous flux</b> | 3200 lm  |

|   |                        |
|---|------------------------|
| <b>Correlated Color</b>                         | 3000 K (Warm white)    |
| <b>Temperature</b>                              | 4000 K (Neutral white) |
| <b>Color Rendering Index</b>                    | > 80                   |
| <b>Lumen maintenance at median useful life*</b> | L70<br>50000 h         |

## Ledinaire Recessed

|  |  |
|--|--|
| <b>Control gear failure rate at median useful life</b> | 7.5%<br>50000 h  |
| <b>Performance Ambient Temperature Tq</b>              | +25 °C   |
| <b>Operating temperature range</b>                     | +10 to +40 °C  |
| <b>Driver</b>  | Built-in, non-replaceable and non-serviceable LED driver |
| <b>Mains voltage</b>                                   | 220-240 V / 50-60 Hz                                     |
| <b>Dimming</b>   | Not dimmable   |

|                      |  |
|----------------------|--|
| <b>Material</b>      | Painted steel  |
| <b>Color</b>         | White (RAL9003)  |
| <b>Optical cover</b> | PMMA diffuser  |
| <b>Connection</b>    | Push-in connector with pull relief   |
| <b>Maintenance</b>   | No internal cleaning required<br>Light source and driver are non-serviceable               |
| <b>Installation</b>  | Lay-in fixation<br>Through-wiring possible<br>Installation without removing lamp and cover |
| <b>Remarks</b>       | Not released for emergency lighting  |

## Versions



LEDINAIRE RECESSED RC060B

## Product details



Ledinaire\_Recessed-RC060B-DP01.tif

# Ledinaire Recessed

|  |                                   |
|--|-----------------------------------|
| -  |                                   |
| Driver failure rate at 5000 h              | 0.005 %                           |
| <b>Application Conditions</b>              |                                   |
| Ambient temperature range                  | +10 to +40 °C                     |
| Maximum dim level                          | Not applicable                    |
| Suitable for random switching              | Not applicable                    |
| <b>Approval and Application</b>            |                                   |
| Mech. impact protection code               | IK03                              |
| Ingress protection code                    | IP20                              |
| <b>Controls and Dimming</b>                |                                   |
| Dimmable                                   | No                                |
| <b>Operating and Electrical</b>            |                                   |
| Input Voltage                              | 220 to 240 V                      |
| <b>General Information</b>                 |                                   |
| Beam angle of light source                 | 110 °                             |
| CE mark                                    | CE mark                           |
| Protection class IEC                       | Safety class I                    |
| Driver included                            | Yes                               |
| ENEC mark                                  | -                                 |
| Flammability mark                          | -                                 |
| Glow-wire test                             | Temperature 650 °C, duration 30 s |
| Light source replaceable                   | No                                |
| Number of gear units                       | 1 unit                            |
| Optic type                                 | Beam angle 110°                   |
| <b>Initial Performance (IEC Compliant)</b> |                                   |
| Initial chromaticity                       | SDCM<5                            |
| Init. Corr. Color Temperature              | 4000 K                            |
| Init. Color Rendering Index                | >80                               |
| Initial LED luminaire efficacy             | 100 lm/W                          |
| Luminous flux tolerance                    | +/-10%                            |
| <b>Mechanical and Housing</b>              |                                   |
| Color                                      | White                             |

## Initial Performance (IEC Compliant)

| Order Code   | Full Product Name                | Initial luminous flux | Initial input power |
|--------------|----------------------------------|-----------------------|---------------------|
| 911401842380 | RC060B LED40S/840 PSU W60L60 NOC | 4000 lm               | 40 W                |
| 911401850780 | RC060B LED34S/840 PSU W60L60 NOC | 3400 lm               | 34 W                |

