



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

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

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

Ledinaire Recessed

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

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

Versions



LEDINAIRE RECESSED RC060B



LEDINAIRE RECESSED RC060B

Product details



Ledinaire_Recessed-RC060B-DP01.tif



Ledinaire_Recessed-RC060B-DP02.tif

Ledinaire Recessed

Application Conditions

| | |
|-------------------------------|---------------|
| Ambient temperature range | +10 to +40 °C |
| Suitable for random switching | No |

Approval and Application

| | |
|------------------------------|------|
| Mech. impact protection code | IK03 |
| Ingress protection code | IP20 |

Controls and Dimming

| | |
|----------|----|
| Dimmable | No |
|----------|----|

Operating and Electrical

| | |
|---------------|-----------|
| Input Voltage | 220-240 V |
|---------------|-----------|

General Information

| | |
|----------------------------|-----------------------------------|
| Beam angle of light source | - ° |
| Cap-Base | - |
| CE mark | CE mark |
| Protection class IEC | Safety class I |
| Driver included | Yes |
| ENEC mark | - |
| Flammability mark | - |
| Gear | - |
| Glow-wire test | Temperature 650 °C, duration 30 s |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Optic type | - |
| UL mark | - |

Initial Performance (IEC Compliant)

| | |
|--------------------------------|---------|
| Init. Color Rendering Index | ≥80 |
| Initial LED luminaire efficacy | 89 lm/W |
| Initial luminous flux | 3200 lm |
| Luminous flux tolerance | +/-10% |
| Initial input power | 36 W |

Mechanical and Housing

| | |
|-------|-------|
| Color | White |
|-------|-------|

Initial Performance (IEC Compliant)

| Order Code | Full Product Name | Initial chromaticity | Init. Corr. Color Temperature |
|--------------|-------------------------------|----------------------|-------------------------------|
| 910503910201 | RCO60B LED32S/840 PSU W60L60 | (0.38, 0.38) SDCM <5 | 4000 K |
| 910503910202 | RCO60B LED32S/830 PSU W60L60 | (0.43, 0.40) SDCM <5 | 3000 K |
| 910503910204 | RCO60B LED32S/840 PSU W30L120 | (0.38, 0.38) SDCM <5 | 4000 K |
| 910503910205 | RCO60B LED32S/830 PSU W30L120 | (0.43, 0.40) SDCM <5 | 3000 K |

