



# CoreLine Recessed – the clear choice for LED

## CoreLine Recessed

Whether for a new building or renovation of an existing space, customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The new CoreLine Recessed range of LED products can be used to replace functional luminaires in general lighting applications. The process of selecting, installing and maintaining is so easy – it's a simple switch.

### Benefits

- Enables a simple switch from basic conventional fluorescent luminaires to LED luminaires
- Energy saving of over 45% compared to functional TL5 luminaires
- Slim design with a height of only 35 mm

### Features

- Integrated LED technology
- Slim housing
- Surface-mounted version also available (also suitable for suspension)

### Application

- General lighting

### Specifications

Type	RC120B
Ceiling type	Exposed T-bar ceiling
Ceiling grid	Module size in length: 300 mm x 1200 mm Module size in length: 600 mm x 600 mm

Light source	Non-replaceable LED module
Power	LED37S version: 40.5 W LED27S version: 24.5 W

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<b>Luminous flux</b>	LED37S version: 3700 lm
	LED27S version: 2700 lm
<b>Correlated Colour Temperature</b>	4000 K
<b>Colour Rendering Index</b>	≥ 80
<b>Median useful life</b>	50,000 hours
<b>L70B50</b>	
<b>Median useful life</b>	30,000 hours
<b>L80B50</b>	
<b>Median useful life</b>	15,000 hours
<b>L90B50</b>	
<b>Driver failure rate</b>	1.0% per 5000 hours

<b>Average ambient temperature</b>	+25 °C
<b>Operating temperature range</b>	+10 to +40 °C
<b>Driver</b>	Built-in
<b>Mains voltage</b>	220-240 V / 50-60 Hz
<b>Dimming</b>	Non dimming and DALI Dimming
<b>Material</b>	Housing: pre-painted steel
<b>Colour</b>	White
<b>Optical cover</b>	Polycarbonate
<b>Connection</b>	With pull relief
<b>Installation</b>	Individual; lay-in in exposed ceiling grids

## Versions



Coreline Recessed

## Product details



CoreLine\_Recessed-RC134B\_plaster\_ceiling\_frame\_W60L60-DPP.tif



CoreLine\_Recessed-RC134B\_plaster\_ceiling\_W60L60-DPP.tif



CoreLine\_Recessed-RC134B\_W60L60-DPP.tif

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## Application Conditions

Ambient temperature range	+10 to +40 °C
Suitable for random switching	Yes

## Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP44

## Operating and Electrical

Input Voltage	220 to 240 V
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## General Information

CE mark	CE mark
Protection class IEC	Safety class I (I)
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	F
Glow-wire test	850/30
Light source replaceable	No
Number of gear units	1 unit
Optic type	WB
Product Family Code	RC134B

## Initial Performance (IEC Compliant)

Initial chromaticity	(0.38, 0.38) SDCM <3
Init. Corr. Colour Temperature	4000 K
Init. Colour Rendering Index	≥80
Initial luminous flux	3700 lm
Luminous flux tolerance	+/-8%

## Mechanical and Housing

Colour	White
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## Application Conditions

Order Code	Full Product Name	Maximum dim level
34798700	RC134B LED37S/840 PSD W60L60 NOC	1%
34817500	RC134B LED37S/840 PSU W60L60 NOC	Not applicable
34819900	RC134B LED37S/840 PSU W60L60 ELB3 NOC	Not applicable

## Controls and Dimming

Order Code	Full Product Name	Dimmable
34798700	RC134B LED37S/840 PSD W60L60 NOC	Yes
34817500	RC134B LED37S/840 PSU W60L60 NOC	No

Order Code	Full Product Name	Dimmable
34819900	RC134B LED37S/840 PSU W60L60 ELB3 NOC	No

## Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial input power
34798700	RC134B LED37S/840 PSD W60L60 NOC	104 lm/W	35.5 W
34817500	RC134B LED37S/840 PSU W60L60 NOC	109 lm/W	34 W

Order Code	Full Product Name	Initial LED luminaire efficacy	Initial input power
34819900	RC134B LED37S/840 PSU W60L60 ELB3 NOC	97 lm/W	38 W

