



LuxSpace square, recessed – high efficiency, visual comfort and a stylish design

LuxSpace square, recessed

Customers are looking to optimise all their resources, and that means not just their running costs (energy, etc.) but also their human resources. Energy savings are therefore a priority, but they must not have an adverse effect on the well-being of employees, who need a pleasant environment in order to be more productive, or on customers, who want to enjoy their shopping experience. LuxSpace provides the perfect combination of efficiency, light comfort and design, without compromising on lighting performance (colour rendering and colour uniformity). It offers a wide choice of options for creating the desired ambience, no matter the application.

Benefits

- Best-in-class efficacy
- Creates a gentle, natural light, ensuring visual comfort
- Perfect integration with the ceiling thanks to the thin, narrow rim; rimless version ideal for integration into plaster ceilings

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Features

- Choice of four optics: high-gloss, faceted, matt and white
- Rim colours: high-gloss metalised, white (RAL9003), grey (RAL 9006), black (RAL9004) as standard
- Rimless version available ideal for integration into plaster ceilings
- Compliant for central emergency lighting with DC
- Multiple additional options: emergency lighting (single battery 3 hours), through-wiring

Application

- Offices
- Retail
- Hospitals
- Hotels
- Airports

Specifications

Type	DN572B (square, recessed version)
Ceiling type	Plaster (board) ceiling
Ceiling grid	200 x 200 mm
Light source	Non-replaceable LED module
Power	11, 18 or 22 W
Light colour	830, 840, 927, 930 and 940
Colour Rendering Index	> 80 > 90
Lumen maintenance at median useful life* 50,000 h	L90
Control gear failure rate at median useful life 50,000 h	5%
Performance Ambient Temperature Tq	+25 °C
Operating temperature range	+10 to +40 °C
Driver	Separate
Mains voltage	230 or 240 V/50-60 Hz

Dimming	DALI dimming possible (PSD-E)
Options	Emergency lighting 3 hours (EL3) Through-wiring Rimless version for plaster ceilings Different cable and connector options available to support fast installation
Material	Housing and rim: aluminium Reflector: plastic, aluminium-coated (for high-gloss and faceted optics)
Colour	Rim: white (RAL 9003), grey (RAL 9006), black (RAL 9004)
Optic	High-gloss mirror (C) Matt mirror (M) Faceted reflector (F) White reflector (WR)
Connection	Push-in connector or with pull relief
Installation	Fixed with spring fasteners
Remarks	External driver included Through-wiring possible
Remarks	External driver included

Versions



LuxSpace2 Square - LED Module,
system flux 1200 lm

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Application Conditions

Ambient temperature range	+10 to +25 °C
Suitable for random switching	Yes

Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

Operating and Electrical

Input Voltage	220 to 240 V
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General Information

CE mark	CE mark
Protection class IEC	Safety class II
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	F
Glow-wire test	Temperature 850 °C, duration 5 s
Light source replaceable	No
Number of gear units	1 unit
Optic type	C
Product family code	DN572B

Initial Performance (IEC Compliant)

Initial chromaticity	(0.38, 0.38) SDCM <2
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	>80
Luminous flux tolerance	+/-10%

Mechanical and Housing

Colour	White RAL 9003
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Application Conditions

Order Code	Full Product Name	Maximum dimming level
97073400	DN572B LED12S/840 PSU-E C WH	-
97075800	DN572B LED12S/840 DIA-VLC-E C WH	1%
97077200	DN572B LED20S/840 PSU-E C WH	-
97079600	DN572B LED20S/840 DIA-VLC-E C WH	1%

Controls and Dimming

Order Code	Full Product Name	Dimmable
97073400	DN572B LED12S/840 PSU-E C WH	No
97075800	DN572B LED12S/840 DIA-VLC-E C WH	Yes

Order Code	Full Product Name	Dimmable
97077200	DN572B LED20S/840 PSU-E C WH	No
97079600	DN572B LED20S/840 DIA-VLC-E C WH	Yes

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial LED		
		luminaire efficacy	Initial luminous flux	Initial input power
97073400	DN572B LED12S/840 PSU-E C WH	141 lm/W	1300 lm	9.2 W
97075800	DN572B LED12S/840 DIA-VLC-E C WH	141 lm/W	1300 lm	9.2 W

Order Code	Full Product Name	Initial LED		
		luminaire efficacy	Initial luminous flux	Initial input power
97077200	DN572B LED20S/840 PSU-E C WH	149 lm/W	2200 lm	14.8 W
97079600	DN572B LED20S/840 DIA-VLC-E C WH	149 lm/W	2200 lm	14.8 W

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