



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

LuxSpace square, recessed

Customers are looking to optimize 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 (color rendering and color 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 colors: high-gloss metalized, white (RAL9010), grey, black (RAL9004) as standard (any other RAL color possible upon request)
- Rimless version available
- 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 color	830, 840, 930 and 827
Color Rendering Index	> 80 90 (available in 3000 K)
Median useful life	70,000 hours
L70B50	
Median useful life	50,000 hours
L80B50	
Median useful life	25,000 hours
L90B50	
Average ambient temperature	25 °C
Operating temperature range	+10 to +40 °C
Driver	Separate
Mains voltage	230 or 240 V / 50-60 Hz
Dimming	DALI dimming possible (PSED-E)

Options	Emergency lighting 3 hours (EL3) Through-wiring Rimless version for plaster ceiling External or plug-in 3-pole Wieland/Adels connector
Material	Housing and rim: aluminum Reflector: plastic, aluminum coated (for high-gloss and faceted optics)
Color	Rim: white (RAL 9010), grey (similar to RAL 9006), black (RAL 9005) or high-gloss metalized Other RAL colors available on request
Optic	High-gloss mirror (C) Matt mirror (M) Faceted reflector (F) White reflector (WR)
Connection	Push-in connector or with pull relief Multiple cords and plugs available
Installation	Fixation by means of spring fasteners
Remarks	External driver included Through-wiring possible
Remarks	External driver included

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Versions



LuxSpace2 Square - LED Module,
system flux 1200 lm

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 (II)
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	F
Glow-wire test	850/5
Light source replaceable	No
Number of gear units	1 unit
Optic type	C
Product family code	DN572B

Initial Performance (IEC Compliant)

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
97072700	DN572B LED12S/830 PSU-E C WH	-
97073400	DN572B LED12S/840 PSU-E C WH	-
97074100	DN572B LED12S/830 DIA-VLC-E C WH	1%
97075800	DN572B LED12S/840 DIA-VLC-E C WH	1%
97076500	DN572B LED20S/830 PSU-E C WH	-
97077200	DN572B LED20S/840 PSU-E C WH	-
97078900	DN572B LED20S/830 DIA-VLC-E C WH	1%
97079600	DN572B LED20S/840 DIA-VLC-E C WH	1%
97080200	DN572B LED24S/830 PSU-E C WH	-
97081900	DN572B LED24S/840 PSU-E C WH	-
97082600	DN572B LED24S/830 DIA-VLC-E C WH	1%
97083300	DN572B LED24S/840 DIA-VLC-E C WH	1%

Controls and Dimming

Order Code	Full Product Name	Dimmable	Order Code	Full Product Name	Dimmable
97072700	DN572B LED12S/830 PSU-E C WH	No	97078900	DN572B LED20S/830 DIA-VLC-E C WH	Yes
97073400	DN572B LED12S/840 PSU-E C WH	No	97079600	DN572B LED20S/840 DIA-VLC-E C WH	Yes
97074100	DN572B LED12S/830 DIA-VLC-E C WH	Yes	97080200	DN572B LED24S/830 PSU-E C WH	No
97075800	DN572B LED12S/840 DIA-VLC-E C WH	Yes	97081900	DN572B LED24S/840 PSU-E C WH	No
97076500	DN572B LED20S/830 PSU-E C WH	No	97082600	DN572B LED24S/830 DIA-VLC-E C WH	Yes
97077200	DN572B LED20S/840 PSU-E C WH	No	97083300	DN572B LED24S/840 DIA-VLC-E C WH	Yes

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Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
97072700	DN572B LED12S/830 PSU-E C WH	(0.43, 0.40)	3000 K	131 lm/W	1300 lm
97073400	DN572B LED12S/840 PSU-E C WH	(0.38, 0.38)	4000 K	141 lm/W	1300 lm
97074100	DN572B LED12S/830 DIA-VLC-E C WH	(0.43, 0.40)	3000 K	131 lm/W	1300 lm
97075800	DN572B LED12S/840 DIA-VLC-E C WH	(0.38, 0.38)	4000 K	141 lm/W	1300 lm
97076500	DN572B LED20S/830 PSU-E C WH	(0.43, 0.40)	3000 K	134 lm/W	2200 lm
97077200	DN572B LED20S/840 PSU-E C WH	(0.38, 0.38)	4000 K	149 lm/W	2200 lm
97078900	DN572B LED20S/830 DIA-VLC-E C WH	(0.43, 0.40)	3000 K	134 lm/W	2200 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
97079600	DN572B LED20S/840 DIA-VLC-E C WH	(0.38, 0.38)	4000 K	149 lm/W	2200 lm
97080200	DN572B LED24S/830 PSU-E C WH	(0.43, 0.40)	3000 K	130 lm/W	2600 lm
97081900	DN572B LED24S/840 PSU-E C WH	(0.38, 0.38)	4000 K	141 lm/W	2600 lm
97082600	DN572B LED24S/830 DIA-VLC-E C WH	(0.43, 0.40)	3000 K	130 lm/W	2600 lm
97083300	DN572B LED24S/840 DIA-VLC-E C WH	(0.38, 0.38)	4000 K	141 lm/W	2600 lm

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
97072700	DN572B LED12S/830 PSU-E C WH	9.9 W
97073400	DN572B LED12S/840 PSU-E C WH	9.2 W
97074100	DN572B LED12S/830 DIA-VLC-E C WH	9.9 W
97075800	DN572B LED12S/840 DIA-VLC-E C WH	9.2 W
97076500	DN572B LED20S/830 PSU-E C WH	16.4 W
97077200	DN572B LED20S/840 PSU-E C WH	14.8 W

Order Code	Full Product Name	Initial input power
97078900	DN572B LED20S/830 DIA-VLC-E C WH	16.4 W
97079600	DN572B LED20S/840 DIA-VLC-E C WH	14.8 W
97080200	DN572B LED24S/830 PSU-E C WH	20 W
97081900	DN572B LED24S/840 PSU-E C WH	18.4 W
97082600	DN572B LED24S/830 DIA-VLC-E C WH	20 W
97083300	DN572B LED24S/840 DIA-VLC-E C WH	18.4 W

