



# 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

<b>Type</b>	DN572B (square, recessed version)
<b>Ceiling type</b>	Plaster (board) ceiling
<b>Ceiling grid</b>	200 x 200 mm
<b>Light source</b>	Non replaceable LED module
<b>Power</b>	11, 18 or 22 W
<b>Light color</b>	830, 840, 930 and 827
<b>Color Rendering Index</b>	> 80 90 (available in 3000 K)
<b>Median useful life</b>	70,000 hours
<b>L70B50</b>	
<b>Median useful life</b>	50,000 hours
<b>L80B50</b>	
<b>Median useful life</b>	25,000 hours
<b>L90B50</b>	
<b>Average ambient temperature</b>	25 °C
<b>Operating temperature range</b>	+10 to +40 °C
<b>Driver</b>	Separate
<b>Mains voltage</b>	230 or 240 V / 50-60 Hz
<b>Dimming</b>	DALI dimming possible (PSED-E)

<b>Options</b>	Emergency lighting 3 hours (EL3) Through-wiring Rimless version for plaster ceiling External or plug-in 3-pole Wieland/Adels connector
<b>Material</b>	Housing and rim: aluminum Reflector: plastic, aluminum coated (for high-gloss and faceted optics)
<b>Color</b>	Rim: white (RAL 9010), grey (similar to RAL 9006), black (RAL 9005) or high-gloss metalized Other RAL colors available on request
<b>Optic</b>	High-gloss mirror (C) Matt mirror (M) Faceted reflector (F) White reflector (WR)
<b>Connection</b>	Push-in connector or with pull relief Multiple cords and plugs available
<b>Installation</b>	Fixation by means of spring fasteners
<b>Remarks</b>	External driver included Through-wiring possible
<b>Remarks</b>	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%
97084000	DN572B LED24S/830 IA1-E C WH	1%
97085700	DN572B LED24S/840 IA1-E C WH	1%
97086400	DN572B LED24S/830 IA1-E C ELP3 WH	1%
97087100	DN572B LED24S/840 IA1-E C ELP3 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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Order Code	Full Product Name	Dimmable
97084000	DN572B LED24S/830 IA1-E C WH	Yes
97085700	DN572B LED24S/840 IA1-E C WH	Yes

Order Code	Full Product Name	Dimmable
97086400	DN572B LED24S/830 IA1-E C ELP3 WH	Yes
97087100	DN572B LED24S/840 IA1-E C ELP3 WH	Yes

### 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
97079600	DN572B LED20S/840 DIA-VLC-E C WH	(0.38, 0.38)	4000 K	149 lm/W	2200 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
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
97084000	DN572B LED24S/830 IA1-E C WH	(0.43, 0.40)	3000 K	130 lm/W	2600 lm
97085700	DN572B LED24S/840 IA1-E C WH	(0.38, 0.38)	4000 K	141 lm/W	2600 lm
97086400	DN572B LED24S/830 IA1-E C ELP3 WH	(0.43, 0.40)	3000 K	113 lm/W	2600 lm
97087100	DN572B LED24S/840 IA1-E C ELP3 WH	(0.38, 0.38)	4000 K	121 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
97078900	DN572B LED20S/830 DIA-VLC-E C WH	16.4 W
97079600	DN572B LED20S/840 DIA-VLC-E C WH	14.8 W

Order Code	Full Product Name	Initial input power
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
97084000	DN572B LED24S/830 IA1-E C WH	20 W
97085700	DN572B LED24S/840 IA1-E C WH	18.4 W
97086400	DN572B LED24S/830 IA1-E C ELP3 WH	23 W
97087100	DN572B LED24S/840 IA1-E C ELP3 WH	21.4 W

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