



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

LuxSpace, 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
- Heights: deep (up to UGR 19), low (up to UGR 22)
- Light color: 830, 840, 930 and 827
- Rim colors: high-gloss metalized, white (RAL9010), grey, black (RAL9005) as standard (any other RAL color possible upon request)
- Rimless version available (not for LED40S versions)
- Surface-mounted version available (not for LED40S versions)
- Compliant for central emergency lighting with DC
- Multiple additional options: PG and PGO (IP54 front face), emergency lighting (single battery 3 hours), suspended deco glasses, through-wiring

Application

- Halls, offices, conference rooms
- Retail
- Hospitals
- Hotels
- Airports
- Museum

Specifications

Type	DN570B (low height recessed version) DN571B (deep recessed version)
Ceiling type	Plaster (board) ceiling
Light source	Non replaceable LED module
Power	11, 19, 23, 34 W (3000K) 11, 17.4, 21, 32 W (4000K)
Light color:	830, 840, 927, 930 and 940
Luminous flux (for 830 and 840 versions)	DN570B, high-gloss mirror or faceted reflector: 1350, 2200, 2600, 4000 lm DN570B, matt reflector: 1150, 1850, 2200, 4000 lm DN570B, white reflector: 1300, 2100, 2500, 4000 lm DN571B, high-gloss mirror or faceted reflector: 1300, 2100, 2500, 4000 lm DN571B, matt reflector: 1000, 1650, 1950, 4000 lm DN571B, white reflector: 1250, 2000, 2400, 4000 lm
Color Rendering Index	> 80 and > 90
Lumen maintenance at median useful life* 50000 h	L90
Control gear failure rate at median useful life 50000 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) Protection glass (PG or PGO, IP54 front face) Through-wiring Rimless version for plaster ceiling (not for LED40S) Suspended glasses: opal (SG-O), frosted circle (SG-FRC) and frosted halo ring (SG-HR-FR) Different cable and connector options available to support fast installation
Material	Housing and rim: aluminum Reflector: plastic, aluminum coated (for high-gloss and faceted optics)
Color	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	Fixation by means of spring fasteners
Remarks	External driver included

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Versions



LuxSpace DN571B recessed
downlight with high-gloss optic



LuxSpace DN570B recessed
downlight with high-gloss optic

Accessories



Protection glass

Ordercode 93234500



Protection glass, opal

Ordercode 93235200

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
Service tag	Yes

Initial Performance (IEC Compliant)

Init. Color Rendering Index	>80
Luminous flux tolerance	+/-10%

Mechanical and Housing

Color	White RAL 9003
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Application Conditions

Order Code	Full Product Name	Maximum dim level
96967700	DN571B LED12S/840 PSU-E C WH	-
97001700	DN571B LED24S/840 PSU-E C WH	-
97005500	DN571B LED24S/840 DIA-VLC-E C WH	1%
97017800	DN571B LED40S/840 PSU-E C WH	-
97021500	DN571B LED40S/840 DIA-VLC-E C WH	1%
96968400	DN570B LED12S/830 DIA-VLC-E C WH	1%
96989900	DN570B LED20S/840 DIA-VLC-E C WH	1%
97002400	DN570B LED24S/830 DIA-VLC-E C WH	1%
97014700	DN570B LED40S/830 PSU-E C WH	-
97015400	DN570B LED40S/840 PSU-E C WH	-
97018500	DN570B LED40S/830 DIA-VLC-E C WH	1%
97033800	DN570B LED60S/840 PSU-E C WH	-
97034500	DN570B LED60S/830 DIA-VLC-E C WH	1%
97035200	DN570B LED60S/840 DIA-VLC-E C WH	1%

Controls and Dimming

Order Code	Full Product Name	Dimmable
96967700	DN571B LED12S/840 PSU-E C WH	No
97001700	DN571B LED24S/840 PSU-E C WH	No
97005500	DN571B LED24S/840 DIA-VLC-E C WH	Yes
97017800	DN571B LED40S/840 PSU-E C WH	No
97021500	DN571B LED40S/840 DIA-VLC-E C WH	Yes
96968400	DN570B LED12S/830 DIA-VLC-E C WH	Yes
96989900	DN570B LED20S/840 DIA-VLC-E C WH	Yes

Order Code	Full Product Name	Dimmable
97002400	DN570B LED24S/830 DIA-VLC-E C WH	Yes
97014700	DN570B LED40S/830 PSU-E C WH	No
97015400	DN570B LED40S/840 PSU-E C WH	No
97018500	DN570B LED40S/830 DIA-VLC-E C WH	Yes
97033800	DN570B LED60S/840 PSU-E C WH	No
97034500	DN570B LED60S/830 DIA-VLC-E C WH	Yes
97035200	DN570B LED60S/840 DIA-VLC-E C WH	Yes

General Information

Order Code	Full Product Name	Product Family Code
96967700	DN571B LED12S/840 PSU-E C WH	DN571B
97001700	DN571B LED24S/840 PSU-E C WH	DN571B
97005500	DN571B LED24S/840 DIA-VLC-E C WH	DN571B
97017800	DN571B LED40S/840 PSU-E C WH	DN571B
97021500	DN571B LED40S/840 DIA-VLC-E C WH	DN571B
96968400	DN570B LED12S/830 DIA-VLC-E C WH	DN570B
96989900	DN570B LED20S/840 DIA-VLC-E C WH	DN570B

Order Code	Full Product Name	Product Family Code
97002400	DN570B LED24S/830 DIA-VLC-E C WH	DN570B
97014700	DN570B LED40S/830 PSU-E C WH	DN570B
97015400	DN570B LED40S/840 PSU-E C WH	DN570B
97018500	DN570B LED40S/830 DIA-VLC-E C WH	DN570B
97033800	DN570B LED60S/840 PSU-E C WH	DN570B
97034500	DN570B LED60S/830 DIA-VLC-E C WH	DN570B
97035200	DN570B LED60S/840 DIA-VLC-E C WH	DN570B

Initial Performance (IEC Compliant) (1/2)

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Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
96967700	DN571B LED12S/840 PSU-E C WH	(0.38, 0.38)	4000 K	141 lm/W	1300 lm
97001700	DN571B LED24S/840 PSU-E C WH	(0.38, 0.38)	4000 K	141 lm/W	2600 lm
97005500	DN571B LED24S/840 DIA-VLC-E C WH	(0.38, 0.38)	4000 K	141 lm/W	2600 lm
97017800	DN571B LED40S/840 PSU-E C WH	(0.38, 0.38)	4000 K	147 lm/W	4400 lm
97021500	DN571B LED40S/840 DIA-VLC-E C WH	(0.38, 0.38)	4000 K	147 lm/W	4400 lm
96968400	DN570B LED12S/830 DIA-VLC-E C WH	(0.43, 0.40)	3000 K	131 lm/W	1300 lm
96989900	DN570B 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. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
97002400	DN570B LED24S/830 DIA-VLC-E C WH	(0.43, 0.40)	3000 K	130 lm/W	2600 lm
97014700	DN570B LED40S/830 PSU-E C WH	(0.43, 0.40)	3000 K	133 lm/W	4400 lm
97015400	DN570B LED40S/840 PSU-E C WH	(0.38, 0.38)	4000 K	147 lm/W	4400 lm
97018500	DN570B LED40S/830 DIA-VLC-E C WH	(0.43, 0.40)	3000 K	133 lm/W	4400 lm
97033800	DN570B LED60S/840 PSU-E C WH	(0.38, 0.38)	4000 K	141 lm/W	6200 lm
97034500	DN570B LED60S/830 DIA-VLC-E C WH	(0.43, 0.40)	3000 K	129 lm/W	6200 lm
97035200	DN570B LED60S/840 DIA-VLC-E C WH	(0.38, 0.38)	4000 K	141 lm/W	6200 lm

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
96967700	DN571B LED12S/840 PSU-E C WH	9.2 W
97001700	DN571B LED24S/840 PSU-E C WH	18.4 W
97005500	DN571B LED24S/840 DIA-VLC-E C WH	18.4 W
97017800	DN571B LED40S/840 PSU-E C WH	30 W
97021500	DN571B LED40S/840 DIA-VLC-E C WH	30 W
96968400	DN570B LED12S/830 DIA-VLC-E C WH	9.9 W
96989900	DN570B LED20S/840 DIA-VLC-E C WH	14.8 W

Order Code	Full Product Name	Initial input power
97002400	DN570B LED24S/830 DIA-VLC-E C WH	20 W
97014700	DN570B LED40S/830 PSU-E C WH	33 W
97015400	DN570B LED40S/840 PSU-E C WH	30 W
97018500	DN570B LED40S/830 DIA-VLC-E C WH	33 W
97033800	DN570B LED60S/840 PSU-E C WH	44 W
97034500	DN570B LED60S/830 DIA-VLC-E C WH	48 W
97035200	DN570B LED60S/840 DIA-VLC-E C WH	44 W

