



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

LuxSpace Mini, 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)
- Rim colors: high-gloss metalized, white (RAL9010), grey, black (RAL9004) as standard (any other RAL color possible upon request)
- Rimless version available
- Surface-mounted version available
- 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

- Offices
- Retail
- Hospitals
- Hotels
- Airports

Specifications

Type	DN560B (low height recessed version) DN561B (deep recessed version)
Ceiling type	Plaster (board) ceiling
Light source	Non replaceable LED module
Power	8 or 11.2 W (depending on configuration)
Luminous flux	780 to 1200 lm (depending on configuration)
Correlated Color Temperature	2700, 3000 or 4000 K
Color Rendering Index	> 80 90 (available in 3000 K)
Median useful life L70B50	70,000 hours
Median useful life L80B50	50,000 hours
Median useful life L90B50	25,000 hours
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) Protection glass (PG or PGO, IP54 front face) Through-wiring Rimless version for plaster ceiling Suspended glasses: opal (SG-O), frosted circle (SG-FRC) and frosted halo ring (SG-HR-FR) 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
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



LuxSpace2 Mini Low height recessed - LED Module, system flux 1200 lm



LuxSpace2 Mini Deeprecessed - 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
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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

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
97037600	DN560B LED8S/840 PSU-E C WH	-
97040600	DN560B LED8S/830 DIA-VLC-E C WH	1%
97044400	DN560B LED12S/830 PSU-E C WH	-
97045100	DN560B LED12S/840 PSU-E C WH	-
97046800	DN560B LED12S/830 PSU-E C PG WH	-
97047500	DN560B LED12S/840 PSU-E C PG WH	-
97053600	DN560B LED12S/840 DIA-VLC-E C WH	1%
97056700	DN560B LED20S/830 PSU-E C WH	-
97038300	DN561B LED8S/830 PSU-E C WH	-
97039000	DN561B LED8S/840 PSU-E C WH	-
97048200	DN561B LED12S/830 PSU-E C WH	-
97049900	DN561B LED12S/840 PSU-E C WH	-
97055000	DN561B LED12S/840 DIA-VLC-E C WH	1%

Approval and Application

Order Code	Full Product Name	Ingress protection code
97037600	DN560B LED8S/840 PSU-E C WH	IP20
97040600	DN560B LED8S/830 DIA-VLC-E C WH	IP20
97044400	DN560B LED12S/830 PSU-E C WH	IP20
97045100	DN560B LED12S/840 PSU-E C WH	IP20
97046800	DN560B LED12S/830 PSU-E C PG WH	IP54/20
97047500	DN560B LED12S/840 PSU-E C PG WH	IP54/20
97053600	DN560B LED12S/840 DIA-VLC-E C WH	IP20

Order Code	Full Product Name	Ingress protection code
97056700	DN560B LED20S/830 PSU-E C WH	IP20
97038300	DN561B LED8S/830 PSU-E C WH	IP20
97039000	DN561B LED8S/840 PSU-E C WH	IP20
97048200	DN561B LED12S/830 PSU-E C WH	IP20
97049900	DN561B LED12S/840 PSU-E C WH	IP20
97055000	DN561B LED12S/840 DIA-VLC-E C WH	IP20

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Controls and Dimming

Order Code	Full Product Name	Dimmable
97037600	DN560B LED8S/840 PSU-E C WH	No
97040600	DN560B LED8S/830 DIA-VLC-E C WH	Yes
97044400	DN560B LED12S/830 PSU-E C WH	No
97045100	DN560B LED12S/840 PSU-E C WH	Yes
97046800	DN560B LED12S/830 PSU-E C PG WH	No
97047500	DN560B LED12S/840 PSU-E C PG WH	No
97053600	DN560B LED12S/840 DIA-VLC-E C WH	Yes

Order Code	Full Product Name	Dimmable
97056700	DN560B LED20S/830 PSU-E C WH	No
97038300	DN561B LED8S/830 PSU-E C WH	No
97039000	DN561B LED8S/840 PSU-E C WH	No
97048200	DN561B LED12S/830 PSU-E C WH	No
97049900	DN561B LED12S/840 PSU-E C WH	No
97055000	DN561B LED12S/840 DIA-VLC-E C WH	Yes

General Information

Order Code	Full Product Name	Product family code
97037600	DN560B LED8S/840 PSU-E C WH	DN560B
97040600	DN560B LED8S/830 DIA-VLC-E C WH	DN560B
97044400	DN560B LED12S/830 PSU-E C WH	DN560B
97045100	DN560B LED12S/840 PSU-E C WH	DN560B
97046800	DN560B LED12S/830 PSU-E C PG WH	DN560B
97047500	DN560B LED12S/840 PSU-E C PG WH	DN560B
97053600	DN560B LED12S/840 DIA-VLC-E C WH	DN560B

Order Code	Full Product Name	Product family code
97056700	DN560B LED20S/830 PSU-E C WH	DN560B
97038300	DN561B LED8S/830 PSU-E C WH	DN561B
97039000	DN561B LED8S/840 PSU-E C WH	DN561B
97048200	DN561B LED12S/830 PSU-E C WH	DN561B
97049900	DN561B LED12S/840 PSU-E C WH	DN561B
97055000	DN561B LED12S/840 DIA-VLC-E C WH	DN561B

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
97037600	DN560B LED8S/840 PSU-E C WH	(0.38, 0.38) SDCM <2	4000 K	140 lm/W	840 lm
97040600	DN560B LED8S/830 DIA-VLC-E C WH	(0.43, 0.40) SDCM <2	3000 K	131 lm/W	840 lm
97044400	DN560B LED12S/830 PSU-E C WH	(0.43, 0.40) SDCM <2	3000 K	127 lm/W	1350 lm
97045100	DN560B LED12S/840 PSU-E C WH	(0.38, 0.38) SDCM <2	4000 K	138 lm/W	1350 lm
97046800	DN560B LED12S/830 PSU-E C PG WH	(0.43, 0.40) SDCM <2	3000 K	127 lm/W	1350 lm
97047500	DN560B LED12S/840 PSU-E C PG WH	(0.38, 0.38) SDCM <2	4000 K	138 lm/W	1350 lm
97053600	DN560B LED12S/840 DIA-VLC-E C WH	(0.38, 0.38) SDCM <2	4000 K	138 lm/W	1350 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
97056700	DN560B LED20S/830 PSU-E C WH	(0.43, 0.40) SDCM <2	3000 K	121 lm/W	2200 lm
97038300	DN561B LED8S/830 PSU-E C WH	(0.43, 0.40) SDCM <2	3000 K	131 lm/W	840 lm
97039000	DN561B LED8S/840 PSU-E C WH	(0.38, 0.38) SDCM <2	4000 K	140 lm/W	840 lm
97048200	DN561B LED12S/830 PSU-E C WH	(0.43, 0.40) SDCM <2	3000 K	127 lm/W	1350 lm
97049900	DN561B LED12S/840 PSU-E C WH	(0.38, 0.38) SDCM <2	4000 K	138 lm/W	1350 lm
97055000	DN561B LED12S/840 DIA-VLC-E C WH	(0.38, 0.38) SDCM <2	4000 K	138 lm/W	1350 lm

Initial Performance (IEC Compliant) (2/2)

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Order Code	Full Product Name	Initial input power
97037600	DN560B LED8S/840 PSU-E C WH	6 W
97040600	DN560B LED8S/830 DIA-VLC-E C WH	6.4 W
97044400	DN560B LED12S/830 PSU-E C WH	10.6 W
97045100	DN560B LED12S/840 PSU-E C WH	9.8 W
97046800	DN560B LED12S/830 PSU-E C PG WH	10.6 W
97047500	DN560B LED12S/840 PSU-E C PG WH	9.8 W
97053600	DN560B LED12S/840 DIA-VLC-E C WH	9.8 W

Order Code	Full Product Name	Initial input power
97056700	DN560B LED20S/830 PSU-E C WH	18.2 W
97038300	DN561B LED8S/830 PSU-E C WH	6.4 W
97039000	DN561B LED8S/840 PSU-E C WH	6 W
97048200	DN561B LED12S/830 PSU-E C WH	10.6 W
97049900	DN561B LED12S/840 PSU-E C WH	9.8 W
97055000	DN561B LED12S/840 DIA-VLC-E C WH	9.8 W

