



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 (RAL9003), grey, black (RAL9004) as standard (any other RAL color possible upon request)
- Rimless version available
- Light color: 830, 840, 927, 930 and 940 (CRI90 versions upon request)
- Compliant for central emergency lighting with DC (upon request)
- Multiple additional options: PG and PGO (IP54 front face), emergency lighting (single battery 3 hours), through-wiring, Eca and B2ca cable & connector options

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 11.6 W (depending on configuration)
Luminous flux	780 to 1200 lm (depending on configuration)
Correlated Color	2700, 3000 or 4000 K
Temperature	
Color Rendering Index	> 80 > 90 (available in 2700, 3000 and 4000 K)
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 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 Mini recessed DN560B
downlight with high-gloss optic



LuxSpace Mini recessed DN561B
downlight with high-gloss optic

Accessories



Protection glass
Ordercode 910503706523



Protection glass, opal
Ordercode 910503706524

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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
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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
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 850 °C, duration 5 s
Light source replaceable	No
Number of gear units	1 unit
Optic type	High-gloss mirror
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
910505100907	DN560B LED8S/830 PSU-E C WH	-
910505100908	DN560B LED8S/840 PSU-E C WH	-
910505100911	DN560B LED8S/830 DIA-VLC-E C WH	1%
910505100912	DN560B LED8S/840 DIA-VLC-E C WH	1%
910505100915	DN560B LED12S/830 PSU-E C WH	-
910505100916	DN560B LED12S/840 PSU-E C WH	-
910505100917	DN560B LED12S/830 PSU-E C PG WH	-
910505100918	DN560B LED12S/840 PSU-E C PG WH	-
910505100921	DN560B LED12S/830 PSU-E C ELP3 WH	-
910505100922	DN560B LED12S/840 PSU-E C ELP3 WH	-
910505100923	DN560B LED12S/830 DIA-VLC-E C WH	1%
910505100924	DN560B LED12S/840 DIA-VLC-E C WH	1%
910505100927	DN560B LED20S/830 PSU-E C WH	-
910505100928	DN560B LED20S/840 PSU-E C WH	-
910505100909	DN561B LED8S/830 PSU-E C WH	-
910505100910	DN561B LED8S/840 PSU-E C WH	-
910505100913	DN561B LED8S/830 DIA-VLC-E C WH	1%
910505100914	DN561B LED8S/840 DIA-VLC-E C WH	1%
910505100919	DN561B LED12S/830 PSU-E C WH	-
910505100920	DN561B LED12S/840 PSU-E C WH	-
910505100926	DN561B LED12S/840 DIA-VLC-E C WH	1%

Approval and application

Order Code	Full Product Name	Ingress protection code
910505100907	DN560B LED8S/830 PSU-E C WH	IP20
910505100908	DN560B LED8S/840 PSU-E C WH	IP20
910505100911	DN560B LED8S/830 DIA-VLC-E C WH	IP20
910505100912	DN560B LED8S/840 DIA-VLC-E C WH	IP20
910505100915	DN560B LED12S/830 PSU-E C WH	IP20
910505100916	DN560B LED12S/840 PSU-E C WH	IP20
910505100917	DN560B LED12S/830 PSU-E C PG WH	IP54/20
910505100918	DN560B LED12S/840 PSU-E C PG WH	IP54/20
910505100921	DN560B LED12S/830 PSU-E C ELP3 WH	IP20
910505100922	DN560B LED12S/840 PSU-E C ELP3 WH	IP20
910505100923	DN560B LED12S/830 DIA-VLC-E C WH	IP20

Order Code	Full Product Name	Ingress protection code
910505100924	DN560B LED12S/840 DIA-VLC-E C WH	IP20
910505100927	DN560B LED20S/830 PSU-E C WH	IP20
910505100928	DN560B LED20S/840 PSU-E C WH	IP20
910505100909	DN561B LED8S/830 PSU-E C WH	IP20
910505100910	DN561B LED8S/840 PSU-E C WH	IP20
910505100913	DN561B LED8S/830 DIA-VLC-E C WH	IP20
910505100914	DN561B LED8S/840 DIA-VLC-E C WH	IP20
910505100919	DN561B LED12S/830 PSU-E C WH	IP20
910505100920	DN561B LED12S/840 PSU-E C WH	IP20
910505100926	DN561B LED12S/840 DIA-VLC-E C WH	IP20

Controls and dimming

Order Code	Full Product Name	Dimmable
910505100907	DN560B LED8S/830 PSU-E C WH	No

Order Code	Full Product Name	Dimmable
910505100908	DN560B LED8S/840 PSU-E C WH	No

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Order Code	Full Product Name	Dimmable
910505100911	DN560B LED8S/830 DIA-VLC-E C WH	Yes
910505100912	DN560B LED8S/840 DIA-VLC-E C WH	Yes
910505100915	DN560B LED12S/830 PSU-E C WH	No
910505100916	DN560B LED12S/840 PSU-E C WH	Yes
910505100917	DN560B LED12S/830 PSU-E C PG WH	No
910505100918	DN560B LED12S/840 PSU-E C PG WH	No
910505100921	DN560B LED12S/830 PSU-E C ELP3 WH	No
910505100922	DN560B LED12S/840 PSU-E C ELP3 WH	No
910505100923	DN560B LED12S/830 DIA-VLC-E C WH	Yes
910505100924	DN560B LED12S/840 DIA-VLC-E C WH	Yes

Order Code	Full Product Name	Dimmable
910505100927	DN560B LED20S/830 PSU-E C WH	No
910505100928	DN560B LED20S/840 PSU-E C WH	No
910505100909	DN561B LED8S/830 PSU-E C WH	No
910505100910	DN561B LED8S/840 PSU-E C WH	No
910505100913	DN561B LED8S/830 DIA-VLC-E C WH	Yes
910505100914	DN561B LED8S/840 DIA-VLC-E C WH	Yes
910505100919	DN561B LED12S/830 PSU-E C WH	No
910505100920	DN561B LED12S/840 PSU-E C WH	No
910505100926	DN561B LED12S/840 DIA-VLC-E C WH	Yes

General information

Order Code	Full Product Name	Product Family Code
910505100907	DN560B LED8S/830 PSU-E C WH	DN560B
910505100908	DN560B LED8S/840 PSU-E C WH	DN560B
910505100911	DN560B LED8S/830 DIA-VLC-E C WH	DN560B
910505100912	DN560B LED8S/840 DIA-VLC-E C WH	DN560B
910505100915	DN560B LED12S/830 PSU-E C WH	DN560B
910505100916	DN560B LED12S/840 PSU-E C WH	DN560B
910505100917	DN560B LED12S/830 PSU-E C PG WH	DN560B
910505100918	DN560B LED12S/840 PSU-E C PG WH	DN560B
910505100921	DN560B LED12S/830 PSU-E C ELP3 WH	DN560B
910505100922	DN560B LED12S/840 PSU-E C ELP3 WH	DN560B
910505100923	DN560B LED12S/830 DIA-VLC-E C WH	DN560B

Order Code	Full Product Name	Product Family Code
910505100924	DN560B LED12S/840 DIA-VLC-E C WH	DN560B
910505100927	DN560B LED20S/830 PSU-E C WH	DN560B
910505100928	DN560B LED20S/840 PSU-E C WH	DN560B
910505100909	DN561B LED8S/830 PSU-E C WH	DN561B
910505100910	DN561B LED8S/840 PSU-E C WH	DN561B
910505100913	DN561B LED8S/830 DIA-VLC-E C WH	DN561B
910505100914	DN561B LED8S/840 DIA-VLC-E C WH	DN561B
910505100919	DN561B LED12S/830 PSU-E C WH	DN561B
910505100920	DN561B LED12S/840 PSU-E C WH	DN561B
910505100926	DN561B LED12S/840 DIA-VLC-E C WH	DN561B

Initial performance (IEC compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
910505100907	DN560B LED8S/830 PSU-E C WH	(0.43, 0.40) SDCM <2	3000 K	131 lm/W	840 lm
910505100908	DN560B LED8S/840 PSU-E C WH	(0.38, 0.38) SDCM <2	4000 K	140 lm/W	840 lm
910505100911	DN560B LED8S/830 DIA-VLC-E C WH	(0.43, 0.40) SDCM <2	3000 K	131 lm/W	840 lm
910505100912	DN560B LED8S/840 DIA-VLC-E C WH	(0.38, 0.38) SDCM <2	4000 K	140 lm/W	840 lm
910505100915	DN560B LED12S/830 PSU-E C WH	(0.43, 0.40) SDCM <2	3000 K	127 lm/W	1350 lm
910505100916	DN560B LED12S/840 PSU-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. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
910505100917	DN560B LED12S/830 PSU-E C PG WH	(0.43, 0.40) SDCM <2	3000 K	127 lm/W	1350 lm
910505100918	DN560B LED12S/840 PSU-E C PG WH	(0.38, 0.38) SDCM <2	4000 K	138 lm/W	1350 lm
910505100921	DN560B LED12S/830 PSU-E C ELP3 WH	(0.43, 0.40) SDCM <2	3000 K	99 lm/W	1350 lm
910505100922	DN560B LED12S/840 PSU-E C ELP3 WH	(0.38, 0.38) SDCM <2	4000 K	105 lm/W	1350 lm
910505100923	DN560B LED12S/830 DIA-VLC-E C WH	(0.43, 0.40) SDCM <2	3000 K	127 lm/W	1350 lm

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Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
910505100924	DN560B LED12S/840 DIA-VLC-E C WH	(0.38, 0.38)	4000 K	138 lm/W	1350 lm
910505100927	DN560B LED20S/830 PSU-E C WH	(0.43, 0.40)	3000 K	121 lm/W	2200 lm
910505100928	DN560B LED20S/840 PSU-E C WH	(0.38, 0.38)	4000 K	134 lm/W	2200 lm
910505100909	DN561B LED8S/830 PSU-E C WH	(0.43, 0.40)	3000 K	131 lm/W	840 lm
910505100910	DN561B LED8S/840 PSU-E C WH	(0.38, 0.38)	4000 K	140 lm/W	840 lm
910505100913	DN561B LED8S/830 DIA-VLC-E C WH	(0.43, 0.40)	3000 K	131 lm/W	840 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
910505100914	DN561B LED8S/840 DIA-VLC-E C WH	(0.38, 0.38)	4000 K	140 lm/W	840 lm
910505100919	DN561B LED12S/830 PSU-E C WH	(0.43, 0.40)	3000 K	127 lm/W	1350 lm
910505100920	DN561B LED12S/840 PSU-E C WH	(0.38, 0.38)	4000 K	138 lm/W	1350 lm
910505100926	DN561B LED12S/840 DIA-VLC-E C WH	(0.38, 0.38)	4000 K	138 lm/W	1350 lm

Initial performance (IEC compliant) (2/2)

Order Code	Full Product Name	Initial input power
910505100907	DN560B LED8S/830 PSU-E C WH	6.4 W
910505100908	DN560B LED8S/840 PSU-E C WH	6 W
910505100911	DN560B LED8S/830 DIA-VLC-E C WH	6.4 W
910505100912	DN560B LED8S/840 DIA-VLC-E C WH	6 W
910505100915	DN560B LED12S/830 PSU-E C WH	10.6 W
910505100916	DN560B LED12S/840 PSU-E C WH	9.8 W
910505100917	DN560B LED12S/830 PSU-E C PG WH	10.6 W
910505100918	DN560B LED12S/840 PSU-E C PG WH	9.8 W
910505100921	DN560B LED12S/830 PSU-E C ELP3 WH	13.6 W
910505100922	DN560B LED12S/840 PSU-E C ELP3 WH	12.8 W
910505100923	DN560B LED12S/830 DIA-VLC-E C WH	10.6 W

Order Code	Full Product Name	Initial input power
910505100924	DN560B LED12S/840 DIA-VLC-E C WH	9.8 W
910505100927	DN560B LED20S/830 PSU-E C WH	18.2 W
910505100928	DN560B LED20S/840 PSU-E C WH	16.4 W
910505100909	DN561B LED8S/830 PSU-E C WH	6.4 W
910505100910	DN561B LED8S/840 PSU-E C WH	6 W
910505100913	DN561B LED8S/830 DIA-VLC-E C WH	6.4 W
910505100914	DN561B LED8S/840 DIA-VLC-E C WH	6 W
910505100919	DN561B LED12S/830 PSU-E C WH	10.6 W
910505100920	DN561B LED12S/840 PSU-E C WH	9.8 W
910505100926	DN561B LED12S/840 DIA-VLC-E C WH	9.8 W

