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
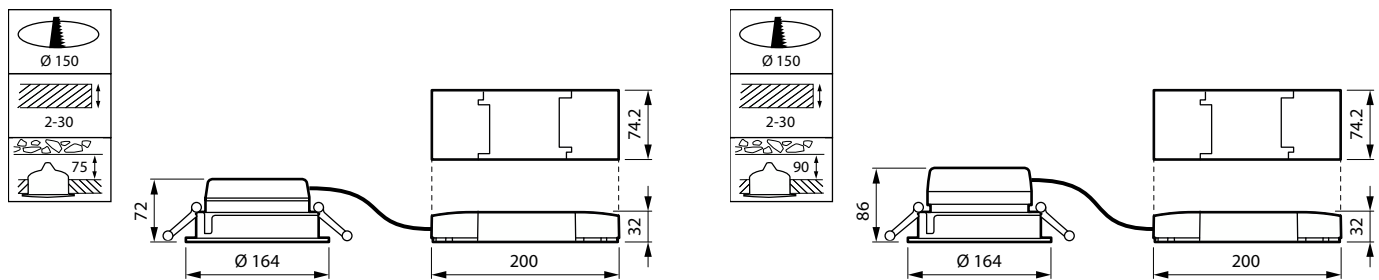
LuxSpace Mini, recessed

Features

· Choice of four optics: high-gloss, facetted, 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

Dimensional drawing

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data subject to change

LuxSpace Mini, recessed

General Information

CE mark	Yes
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
Service tag	Yes

Light Technical

Color rendering index (CRI)	>80
Optic type	–

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz

Temperature

Ambient temperature range	+10 to +25 °C

Mechanical and Housing

Housing Color	White

Approval and Application

Protection class IEC	Safety class II
Mech. impact protection code	IK02

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%

Application Conditions

Suitable for random switching	Yes

General Information

Order Code	Full Product Name	Product family code
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
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
97047500	DN560B LED12S/840 PSU-E C PG WH	DN560B
97053600	DN560B LED12S/840 DIA-VLC-E C WH	DN560B
97056700	DN560B LED20S/830 PSU-E C WH	DN560B

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
97039000	DN561B LED8S/840 PSU-E C WH	4000 K	140 lm/W	840 lm
97048200	DN561B LED12S/830 PSU-E C WH	3000 K	127 lm/W	1,350 lm
97049900	DN561B LED12S/840 PSU-E C WH	4000 K	138 lm/W	1,350 lm
97055000	DN561B LED12S/840 DIA-VLC-E C WH	4000 K	138 lm/W	1,350 lm
97040600	DN560B LED8S/830 DIA-VLC-E C WH	3000 K	131 lm/W	840 lm
97044400	DN560B LED12S/830 PSU-E C WH	3000 K	127 lm/W	1,350 lm
97045100	DN560B LED12S/840 PSU-E C WH	4000 K	138 lm/W	1,350 lm
97047500	DN560B LED12S/840 PSU-E C PG WH	4000 K	138 lm/W	1,350 lm
97053600	DN560B LED12S/840 DIA-VLC-E C WH	4000 K	138 lm/W	1,350 lm
97056700	DN560B LED20S/830 PSU-E C WH	3000 K	121 lm/W	2,200 lm

LuxSpace Mini, recessed

Operating and Electrical

Order Code	Full Product Name	Power Consumption
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
97040600	DN560B LED8S/830 DIA-VLC-E C WH	6.4 W

Order Code	Full Product Name	Power Consumption
97044400	DN560B LED12S/830 PSU-E C WH	10.6 W
97045100	DN560B LED12S/840 PSU-E C WH	9.8 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
97056700	DN560B LED20S/830 PSU-E C WH	18.2 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
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
97040600	DN560B LED8S/830 DIA-VLC-E C WH	Yes

Order Code	Full Product Name	Dimmable
97044400	DN560B LED12S/830 PSU-E C WH	No
97045100	DN560B LED12S/840 PSU-E C WH	No
97047500	DN560B LED12S/840 PSU-E C PG WH	No
97053600	DN560B LED12S/840 DIA-VLC-E C WH	Yes
97056700	DN560B LED20S/830 PSU-E C WH	No

Approval and Application

Order Code	Full Product Name	Ingress protection code
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
97040600	DN560B LED8S/830 DIA-VLC-E C WH	IP20

Order Code	Full Product Name	Ingress protection code
97044400	DN560B LED12S/830 PSU-E C WH	IP20
97045100	DN560B LED12S/840 PSU-E C WH	IP20
97047500	DN560B LED12S/840 PSU-E C PG WH	IP20/54
97053600	DN560B LED12S/840 DIA-VLC-E C WH	IP20
97056700	DN560B LED20S/830 PSU-E C WH	IP20

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
97039000	DN561B LED8S/840 PSU-E C WH	(0.38, 0.38) SDCM <2
97048200	DN561B LED12S/830 PSU-E C WH	(0.43, 0.40) SDCM <2
97049900	DN561B LED12S/840 PSU-E C WH	(0.38, 0.38) SDCM <2
97055000	DN561B LED12S/840 DIA-VLC-E C WH	(0.38, 0.38) SDCM <2
97040600	DN560B LED8S/830 DIA-VLC-E C WH	(0.43, 0.40) SDCM <2

Order Code	Full Product Name	Initial chromaticity
97044400	DN560B LED12S/830 PSU-E C WH	(0.43, 0.40) SDCM <2
97045100	DN560B LED12S/840 PSU-E C WH	(0.38, 0.38) SDCM <2
97047500	DN560B LED12S/840 PSU-E C PG WH	(0.38, 0.38) SDCM <2
97053600	DN560B LED12S/840 DIA-VLC-E C WH	(0.38, 0.38) SDCM <2
97056700	DN560B LED20S/830 PSU-E C WH	(0.43, 0.40) SDCM <2

Application Conditions

Order Code	Full Product Name	Maximum dim level
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%
97040600	DN560B LED8S/830 DIA-VLC-E C WH	1%

Order Code	Full Product Name	Maximum dim level
97044400	DN560B LED12S/830 PSU-E C WH	–
97045100	DN560B LED12S/840 PSU-E C 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	–

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2023, August 2 – data subject to change