



# 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

<b>Type</b>	DN570B (low height recessed version) DN571B (deep recessed version)
<b>Ceiling type</b>	Plaster (board) ceiling
<b>Light source</b>	Non replaceable LED module
<b>Power</b>	12.6, 21, 25.5, 36 W (3000K) 12.6, 19.8, 24, 36 W (4000K)
<b>Light color:</b>	830, 840, 930 and 827
<b>Luminous flux (for 830 and 840 versions)</b>	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
<b>Color Rendering Index</b>	> 80
<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) 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) 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, black (RAL 9005) or high-gloss metalized
<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
<b>Installation</b>	Fixation by means of spring fasteners
<b>Remarks</b>	External driver included

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## Versions



LuxSpace DN570B recessed  
downlight with high-gloss optic

### Application Conditions

Ambient temperature range	+10 to +25 °C
Maximum dim level	1%
Suitable for random switching	Yes

### Approval and Application

Mech. impact protection code	IK02
Ingress protection code	IP20

### Controls and Dimming

Dimmable	Yes
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### General Information

Cap-Base	-
CE mark	CE mark
Driver included	Yes
Emergency lighting	No
ENEC mark	ENEC mark
Flammability mark	F
Gear	-
Glow-wire test	850/5
Light source replaceable	No
Number of gear units	1 unit
Number of light sources	1
Optic type	C
Product Family Code	DN570B
UL mark	-

### Initial Performance (IEC Compliant)

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

### Mechanical and Housing

Color	White RAL 9003
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### Operating and Electrical

Order Code	Full Product Name	Input Voltage
910503590715	DN570B LED24S/840 PSED-VLC-E C WH	220 to 240 V
910503706703	DN570B LED40S/TWH PSED-E C WH	220/240 V

## LuxSpace, recessed

Order Code	Full Product Name	Protection class IEC	Optical cover/ lens type	Decorative accessories	Lamp family code
910503590715	DN570B LED24S/840	Safety class II (II)	No	No	LED24S

Order Code	Full Product Name	Protection class IEC	Optical cover/ lens type	Decorative accessories	Lamp family code
	PSED-VLC-E C WH				
910503706703	DN570B LED40S/TWH	Safety class I (I)	-	-	LED38S
	PSED-E C WH				

### Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
910503590715	DN570B LED24S/840 PSED-VLC-E C WH	(0.38, 0.37) SDCM <3	4000 K	124 lm/W	2600 lm
910503706703	DN570B LED40S/TWH	-	2700 to 6500 K	110 lm/W	3800 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
	H PSED-E C WH				

### Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
910503590715	DN570B LED24S/840 PSED-VLC-E C WH	21 W

Order Code	Full Product Name	Initial input power
910503706703	DN570B LED40S/TWH PSED-E C WH	34.5 W

### Light Technical

Order Code	Full Product Name	Optical cover/lens acc. type
910503590715	DN570B LED24S/840 PSED-VLC-E C WH	No

Order Code	Full Product Name	Optical cover/lens acc. type
910503706703	DN570B LED40S/TWH PSED-E C WH	-

