



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

LuxSpace, recessed

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	12.6, 21, 25.5, 36 W (3000K) 12.6, 19.8, 24, 36 W (4000K)
Light color:	830, 840, 930 and 827
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
Median useful life	70,000 hours
L70B50	
Median useful life	50,000 hours
L80B50	
Median useful life	25,000 hours
L90B50	
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 (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
Material	Housing and rim: aluminum Reflector: plastic, aluminum coated (for high-gloss and faceted optics)
Color	Rim: white (RAL 9010), grey, 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



LuxSpace DN570B recessed
downlight with high-gloss optic

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

Cap-Base	-
CE mark	CE mark
Protection class IEC	Safety class II (II)
Optical cover/lens type	No
Decorative accessories	No
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)

Initial chromaticity	(0.38, 0.37) SDCM <3
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Luminous flux tolerance	+/-10%

Light Technical

Optical cover/lens acc. type	No
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Mechanical and Housing

Color	White RAL 9003
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Application Conditions

Order Code	Full Product Name	Maximum dim level
910503587715	DN570B LED20S/840 PSU-E C WH	-
910503590715	DN570B LED24S/840 PSD-VLC-E C WH	1%

Controls and Dimming

Order Code	Full Product Name	Dimmable
910503587715	DN570B LED20S/840 PSU-E C WH	No

Order Code	Full Product Name	Dimmable
910503590715	DN570B LED24S/840 PSD-VLC-E C WH	Yes

General Information

Order Code	Full Product Name	Lamp family code
910503587715	DN570B LED20S/840 PSU-E C WH	LED20S

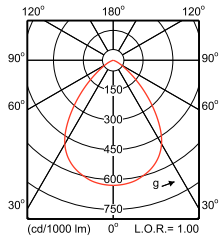
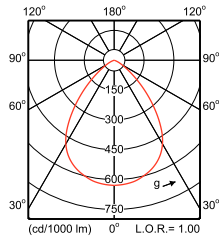
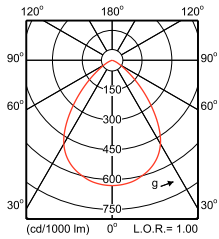
Order Code	Full Product Name	Lamp family code
910503590715	DN570B LED24S/840 PSD-VLC-E C WH	LED24S

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial LED	Initial luminous flux	Initial input power
		luminaire efficacy		
910503587715	DN570B LED20S/840 PSU-E C WH	126 lm/W	2200 lm	17.4 W

Order Code	Full Product Name	Initial LED	Initial luminous flux	Initial input power
		luminaire efficacy		
910503590715	DN570B LED24S/840 PSD-VLC-E C WH	124 lm/W	2600 lm	21 W

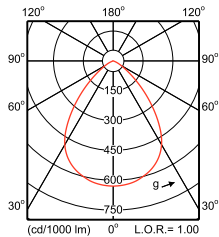
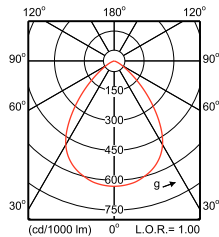
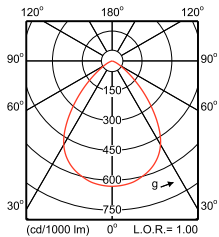
Polar Wide Diagrams



IFPS_DN570B 1xLED12S/840 PSE-E C-Polar Normal (separate)

IFPS_DN570B 1xLED20S/840 PSE-E C-Polar Normal (separate)

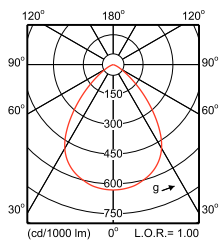
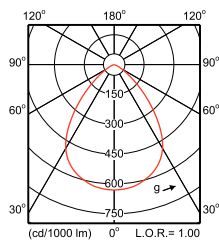
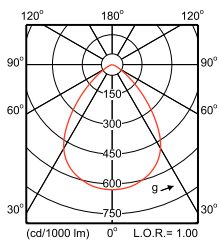
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IFPS_DN570B 1xLED12S/827 PSE-E C-Polar Normal (separate)

IFPS_DN570B 1xLED12S/930 PSE-E C-Polar Normal (separate)

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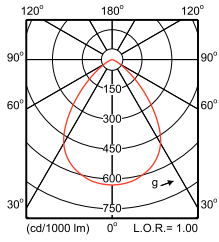


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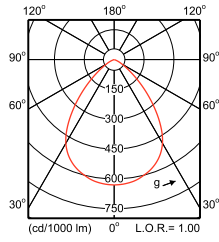
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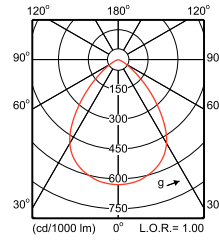
Polar Wide Diagrams



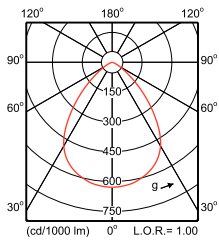
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Normal (separate)



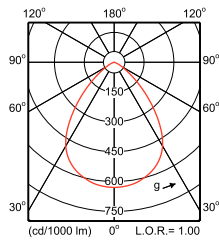
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Normal (separate)



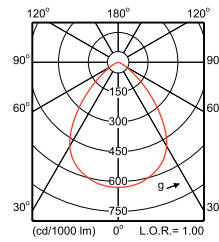
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Normal (separate)



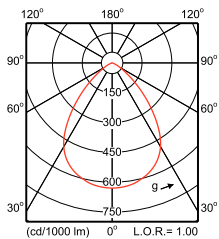
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Normal (separate)



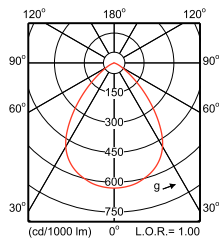
IFPS_DN570B 1xLED20S/827 PSED-E C-Polar
Normal (separate)



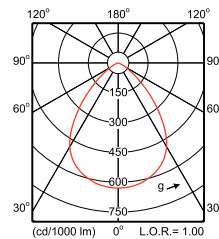
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Normal (separate)



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Normal (separate)

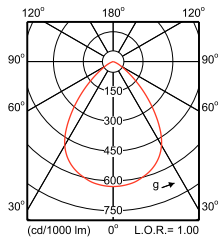


IFPS_DN570B PSE-E 1xLED20S/930 C-Polar
Normal (separate)

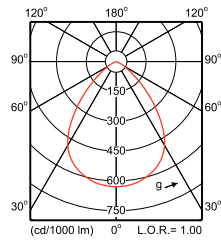


IFPS_DN570B PSE-E 1xLED24S/827 C-Polar
Normal (separate)

Polar Wide Diagrams



IFPS_DN570B PSE-E 1xLED24S/840 C-Polar
Normal (separate)



IFPS_DN570B PSE-E 1xLED24S/930 C-Polar
Normal (separate)

