



LuxSpace surface-mounted – high efficiency, visual comfort and a stylish design

LuxSpace, surface mounted

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

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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)
- Color temperature: 3000 or 4000 K
- Colors: high-gloss metalized, white (RAL9010), grey, black (RAL9005) as standard (any other RAL color possible upon request)
- Recessed version available
- Compliant for central emergency lighting with DC
- 3C track version (upon request)
- Multiple additional options: PG and PGO, suspended deco glass

Application

- Offices
- Retail
- Hospitals
- Hotels
- Airports

Specifications

Type	DN570C (low height surface-mounted version) DN571C (deep surface-mounted version)
Light source	Non replaceable LED module
Power	12.6, 21, 25.5 W (3000K) 12.6, 19.8, 24 W (4000K)
Luminous flux	DN570C, high-gloss mirror or faceted reflector: 1350, 2200, 2600 lm DN570C, matt reflector: 1150, 1850, 2200 lm DN570C, white reflector: 1300, 2100, 2500 lm DN571C, high-gloss mirror or faceted reflector: 1300, 2100, 2500 lm DN571C, matt reflector: 1000, 1650, 1950 lm DN571C, white reflector: 1250, 2000, 2400 lm
Correlated Color Temperature	3000 or 4000 K
Color Rendering Index	> 80
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	Protection glass (PG or PGO) Suspended glasses: opal (SG-O), frosted circle (SG-FRC) and frosted halo ring (SG-HR-FR) 3C track version (upon request)
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	Individual, screw mounting
Remarks	External driver included

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Versions



LuxSpace DN570C surface-mounted downlight with high-gloss optic, Ø 250 mm

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

CE mark	CE mark
Protection class IEC	Safety class I (I)
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
97088800	DN570C LED20S/830 PSU-E C WH	-
97089500	DN570C LED20S/840 PSU-E C WH	-
97090100	DN571C LED20S/830 PSU-E C WH	-
97091800	DN571C LED20S/840 PSU-E C WH	-
97092500	DN570C LED20S/830 DIA-VLC-E C WH	1%
97093200	DN570C LED20S/840 DIA-VLC-E C WH	1%
97094900	DN571C LED20S/830 DIA-VLC-E C WH	1%
97095600	DN571C LED20S/840 DIA-VLC-E C WH	1%
97096300	DN570C LED24S/830 PSU-E C WH	-
97097000	DN570C LED24S/840 PSU-E C WH	-
97098700	DN570C LED24S/830 DIA-VLC-E C WH	1%
97099400	DN570C LED24S/840 DIA-VLC-E C WH	1%
97100700	DN571C LED24S/830 DIA-VLC-E C WH	1%
97101400	DN571C LED24S/840 DIA-VLC-E C WH	1%
97102100	DN570C LED40S/830 PSU-E C WH	-
97103800	DN570C LED40S/840 PSU-E C WH	-
97104500	DN570C LED40S/830 DIA-VLC-E C WH	1%
97105200	DN570C LED40S/840 DIA-VLC-E C WH	1%

Controls and Dimming

Order Code	Full Product Name	Dimmable	Order Code	Full Product Name	Dimmable
97088800	DN570C LED20S/830 PSU-E C WH	No	97095600	DN571C LED20S/840 DIA-VLC-E C WH	Yes
97089500	DN570C LED20S/840 PSU-E C WH	No	97096300	DN570C LED24S/830 PSU-E C WH	No
97090100	DN571C LED20S/830 PSU-E C WH	No	97097000	DN570C LED24S/840 PSU-E C WH	No
97091800	DN571C LED20S/840 PSU-E C WH	No	97098700	DN570C LED24S/830 DIA-VLC-E C WH	Yes
97092500	DN570C LED20S/830 DIA-VLC-E C WH	Yes	97099400	DN570C LED24S/840 DIA-VLC-E C WH	Yes
97093200	DN570C LED20S/840 DIA-VLC-E C WH	Yes	97100700	DN571C LED24S/830 DIA-VLC-E C WH	Yes
97094900	DN571C LED20S/830 DIA-VLC-E C WH	Yes	97101400	DN571C LED24S/840 DIA-VLC-E C WH	Yes

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Order Code	Full Product Name	Dimmable
97102100	DN570C LED40S/830 PSU-E C WH	No
97103800	DN570C LED40S/840 PSU-E C WH	No

Order Code	Full Product Name	Dimmable
97104500	DN570C LED40S/830 DIA-VLC-E C WH	Yes
97105200	DN570C LED40S/840 DIA-VLC-E C WH	Yes

General Information

Order Code	Full Product Name	Product Family Code
97088800	DN570C LED20S/830 PSU-E C WH	DN570C
97089500	DN570C LED20S/840 PSU-E C WH	DN570C
97090100	DN571C LED20S/830 PSU-E C WH	DN571C
97091800	DN571C LED20S/840 PSU-E C WH	DN571C
97092500	DN570C LED20S/830 DIA-VLC-E C WH	DN570C
97093200	DN570C LED20S/840 DIA-VLC-E C WH	DN570C
97094900	DN571C LED20S/830 DIA-VLC-E C WH	DN571C
97095600	DN571C LED20S/840 DIA-VLC-E C WH	DN571C
97096300	DN570C LED24S/830 PSU-E C WH	DN570C

Order Code	Full Product Name	Product Family Code
97097000	DN570C LED24S/840 PSU-E C WH	DN570C
97098700	DN570C LED24S/830 DIA-VLC-E C WH	DN570C
97099400	DN570C LED24S/840 DIA-VLC-E C WH	DN570C
97100700	DN571C LED24S/830 DIA-VLC-E C WH	DN571C
97101400	DN571C LED24S/840 DIA-VLC-E C WH	DN571C
97102100	DN570C LED40S/830 PSU-E C WH	DN570C
97103800	DN570C LED40S/840 PSU-E C WH	DN570C
97104500	DN570C LED40S/830 DIA-VLC-E C WH	DN570C
97105200	DN570C LED40S/840 DIA-VLC-E C WH	DN570C

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product		Init. Corr.		Initial luminous flux
	Name	Initial chromaticity	Colour Temperature	Initial LED luminaire efficacy	
97088800	DN570C LED20S/830 PSU-E C WH	(0.43, 0.40)	3000 K	144 lm/W	2000 lm
97089500	DN570C LED20S/840 PSU-E C WH	(0.38, 0.38)	4000 K	154 lm/W	2000 lm
97090100	DN571C LED20S/830 PSU-E C WH	(0.43, 0.40)	3000 K	144 lm/W	2000 lm
97091800	DN571C LED20S/840 PSU-E C WH	(0.38, 0.38)	4000 K	154 lm/W	2000 lm
97092500	DN570C LED20S/830 DIA-VLC-E C WH	(0.43, 0.40)	3000 K	144 lm/W	2000 lm
97093200	DN570C LED20S/840 DIA-VLC-E C WH	(0.38, 0.38)	4000 K	154 lm/W	2000 lm
97094900	DN571C LED20S/830 DIA-VLC-E C WH	(0.43, 0.40)	3000 K	144 lm/W	2000 lm

Order Code	Full Product		Init. Corr.		Initial luminous flux
	Name	Initial chromaticity	Colour Temperature	Initial LED luminaire efficacy	
97097000	DN570C LED24S/840 PSU-E C WH	(0.38, 0.38)	4000 K	154 lm/W	2000 lm
97098700	DN570C LED24S/830 DIA-VLC-E C WH	(0.43, 0.40)	3000 K	141 lm/W	2400 lm
97099400	DN570C LED24S/840 DIA-VLC-E C WH	(0.38, 0.38)	4000 K	151 lm/W	2400 lm
97100700	DN571C LED24S/830 DIA-VLC-E C WH	(0.43, 0.40)	3000 K	141 lm/W	2400 lm
97101400	DN571C LED24S/840 DIA-VLC-E C WH	(0.43, 0.40)	3000 K	141 lm/W	2400 lm
97102100	DN570C LED40S/830 PSU-E C WH	(0.43, 0.40)	3000 K	141 lm/W	2400 lm
97103800	DN570C LED40S/840 PSU-E C WH	(0.38, 0.38)	4000 K	151 lm/W	2400 lm
97104500	DN570C LED40S/830 DIA-VLC-E C WH	(0.43, 0.40)	3000 K	141 lm/W	2400 lm
97105200	DN570C LED40S/840 DIA-VLC-E C WH	(0.38, 0.38)	4000 K	151 lm/W	2400 lm

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Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
97101400	DN571C LED24S/8 40 DIA-VLC-E C WH	(0.38, 0.38)	4000 K	151 lm/W	2400 lm
97102100	DN570C LED40S/8 30 PSU-E C WH	(0.43, 0.40)	3000 K	121.9090909090909 lm/W	4000 lm
97103800	DN570C LED40S/8	(0.38, 0.38)	4000 K	130.96969696969697 lm/W	4000 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
97104500	DN570C LED40S/8 30 DIA-VLC-E C WH	(0.43, 0.40)	3000 K	121.9090909090909 lm/W	4000 lm
97105200	DN570C LED40S/8 40 DIA-VLC-E C WH	(0.38, 0.38)	4000 K	130.96969696969697 lm/W	4000 lm

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
97088800	DN570C LED20S/830 PSU-E C WH	15.8 W
97089500	DN570C LED20S/840 PSU-E C WH	15.8 W
97090100	DN571C LED20S/830 PSU-E C WH	15.8 W
97091800	DN571C LED20S/840 PSU-E C WH	15.8 W
97092500	DN570C LED20S/830 DIA-VLC-E C WH	15.8 W
97093200	DN570C LED20S/840 DIA-VLC-E C WH	15.8 W
97094900	DN571C LED20S/830 DIA-VLC-E C WH	15.8 W
97095600	DN571C LED20S/840 DIA-VLC-E C WH	15.8 W
97096300	DN570C LED24S/830 PSU-E C WH	19.4 W

Order Code	Full Product Name	Initial input power
97097000	DN570C LED24S/840 PSU-E C WH	19.4 W
97098700	DN570C LED24S/830 DIA-VLC-E C WH	19.4 W
97099400	DN570C LED24S/840 DIA-VLC-E C WH	19.4 W
97100700	DN571C LED24S/830 DIA-VLC-E C WH	19.4 W
97101400	DN571C LED24S/840 DIA-VLC-E C WH	19.4 W
97102100	DN570C LED40S/830 PSU-E C WH	33.5 W
97103800	DN570C LED40S/840 PSU-E C WH	33.5 W
97104500	DN570C LED40S/830 DIA-VLC-E C WH	33.5 W
97105200	DN570C LED40S/840 DIA-VLC-E C WH	33.5 W

