



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

- Product which delivers visual comfort and stylish design
- Creates a gentle, natural light, ensuring visual comfort

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, 927, 930 and 940 (CRI90 versions upon request)
- Colors: high-gloss metalized, white (RAL9003), grey (RAL9006), black (RAL9004) as standard (any other RAL color possible upon request)
- Compliant for central emergency lighting with DC (upon request)
- 3C track and pendant version (upon request)

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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	19, 23, 34 W (3000K)
	17.4, 21, 32 W (4000K)
Luminous flux	DN570C, high-gloss mirror or faceted reflector: 2200, 2600 lm
	DN570C, matt reflector: 1850, 2200 lm
	DN570C, white reflector: 2100, 2500 lm
	DN571C, high-gloss mirror or faceted reflector: 2100, 2500 lm
	DN571C, matt reflector: 1650, 1950 lm
Correlated Color Temperature	2700, 3000 or 4000 K
Color Rendering Index	> 80 and > 90
Lumen maintenance at median useful life*	L90
50000 h	
Control gear failure rate at median useful life	5%
50000 h	

Performance Ambient Temperature T_a	+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	3C track version (upon request)
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	Individual, screw mounting
Remarks	Driver included

Versions



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

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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
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
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
910505100959	DN570C LED20S/830 PSU-E C WH	-
910505100960	DN570C LED20S/840 PSU-E C WH	-
910505100961	DN571C LED20S/830 PSU-E C WH	-
910505100962	DN571C LED20S/840 PSU-E C WH	-
910505100963	DN570C LED20S/830 DIA-VLC-E C WH	1%
910505100964	DN570C LED20S/840 DIA-VLC-E C WH	1%
910505100965	DN571C LED20S/830 DIA-VLC-E C WH	1%
910505100966	DN571C LED20S/840 DIA-VLC-E C WH	1%
910505100967	DN570C LED24S/830 PSU-E C WH	-
910505100968	DN570C LED24S/840 PSU-E C WH	-
910505100969	DN570C LED24S/830 DIA-VLC-E C WH	1%
910505100970	DN570C LED24S/840 DIA-VLC-E C WH	1%
910505100971	DN571C LED24S/830 DIA-VLC-E C WH	1%
910505100972	DN571C LED24S/840 DIA-VLC-E C WH	1%
910505100973	DN570C LED40S/830 PSU-E C WH	-
910505100974	DN570C LED40S/840 PSU-E C WH	-
910505100975	DN570C LED40S/830 DIA-VLC-E C WH	1%
910505100976	DN570C LED40S/840 DIA-VLC-E C WH	1%

Controls and Dimming

Order Code	Full Product Name	Dimmable
910505100959	DN570C LED20S/830 PSU-E C WH	No
910505100960	DN570C LED20S/840 PSU-E C WH	No
910505100961	DN571C LED20S/830 PSU-E C WH	No
910505100962	DN571C LED20S/840 PSU-E C WH	No
910505100963	DN570C LED20S/830 DIA-VLC-E C WH	Yes
910505100964	DN570C LED20S/840 DIA-VLC-E C WH	Yes
910505100965	DN571C LED20S/830 DIA-VLC-E C WH	Yes
910505100966	DN571C LED20S/840 DIA-VLC-E C WH	Yes
910505100967	DN570C LED24S/830 PSU-E C WH	No

Order Code	Full Product Name	Dimmable
910505100968	DN570C LED24S/840 PSU-E C WH	No
910505100969	DN570C LED24S/830 DIA-VLC-E C WH	Yes
910505100970	DN570C LED24S/840 DIA-VLC-E C WH	Yes
910505100971	DN571C LED24S/830 DIA-VLC-E C WH	Yes
910505100972	DN571C LED24S/840 DIA-VLC-E C WH	Yes
910505100973	DN570C LED40S/830 PSU-E C WH	No
910505100974	DN570C LED40S/840 PSU-E C WH	No
910505100975	DN570C LED40S/830 DIA-VLC-E C WH	Yes
910505100976	DN570C LED40S/840 DIA-VLC-E C WH	Yes

General Information

Order Code	Full Product Name	Product Family Code
910505100959	DN570C LED20S/830 PSU-E C WH	DN570C
910505100960	DN570C LED20S/840 PSU-E C WH	DN570C

Order Code	Full Product Name	Product Family Code
910505100961	DN571C LED20S/830 PSU-E C WH	DN571C
910505100962	DN571C LED20S/840 PSU-E C WH	DN571C

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Order Code	Full Product Name	Product Family Code
910505100963	DN570C LED20S/830 DIA-VLC-E C WH	DN570C
910505100964	DN570C LED20S/840 DIA-VLC-E C WH	DN570C
910505100965	DN571C LED20S/830 DIA-VLC-E C WH	DN571C
910505100966	DN571C LED20S/840 DIA-VLC-E C WH	DN571C
910505100967	DN570C LED24S/830 PSU-E C WH	DN570C
910505100968	DN570C LED24S/840 PSU-E C WH	DN570C
910505100969	DN570C LED24S/830 DIA-VLC-E C WH	DN570C

Order Code	Full Product Name	Product Family Code
910505100970	DN570C LED24S/840 DIA-VLC-E C WH	DN570C
910505100971	DN571C LED24S/830 DIA-VLC-E C WH	DN571C
910505100972	DN571C LED24S/840 DIA-VLC-E C WH	DN571C
910505100973	DN570C LED40S/830 PSU-E C WH	DN570C
910505100974	DN570C LED40S/840 PSU-E C WH	DN570C
910505100975	DN570C LED40S/830 DIA-VLC-E C WH	DN570C
910505100976	DN570C LED40S/840 DIA-VLC-E C WH	DN570C

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
910505100959	DN570C LED20S/830 PSU-E C WH	(0.43, 0.40) SDCM <2	3000 K	134 lm/W	2200 lm
910505100960	DN570C LED20S/840 PSU-E C WH	(0.38, 0.38) SDCM <2	4000 K	149 lm/W	2200 lm
910505100961	DN571C LED20S/830 PSU-E C WH	(0.43, 0.40) SDCM <2	3000 K	134 lm/W	2200 lm
910505100962	DN571C LED20S/840 PSU-E C WH	(0.38, 0.38) SDCM <2	4000 K	149 lm/W	2200 lm
910505100963	DN570C LED20S/830 DIA-VLC-E C WH	(0.43, 0.40) SDCM <2	3000 K	134 lm/W	2200 lm
910505100964	DN570C LED20S/840 DIA-VLC-E C WH	(0.38, 0.38) SDCM <2	4000 K	149 lm/W	2200 lm
910505100965	DN571C LED20S/830 DIA-VLC-E C WH	(0.43, 0.40) SDCM <2	3000 K	134 lm/W	2200 lm
910505100966	DN571C LED20S/840 DIA-VLC-E C WH	(0.38, 0.38) SDCM <2	4000 K	149 lm/W	2200 lm
910505100967	DN570C LED24S/830 PSU-E C WH	(0.43, 0.40) SDCM <2	3000 K	130 lm/W	2600 lm
910505100968	DN570C LED24S/840 PSU-E C WH	(0.38, 0.38) SDCM <2	4000 K	141 lm/W	2600 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
910505100969	DN570C LED24S/830 DIA-VLC-E C WH	(0.43, 0.40) SDCM <2	3000 K	130 lm/W	2600 lm
910505100970	DN570C LED24S/840 DIA-VLC-E C WH	(0.38, 0.38) SDCM <2	4000 K	141 lm/W	2600 lm
910505100971	DN571C LED24S/830 DIA-VLC-E C WH	(0.43, 0.40) SDCM <2	3000 K	130 lm/W	2600 lm
910505100972	DN571C LED24S/840 DIA-VLC-E C WH	(0.38, 0.38) SDCM <2	4000 K	141 lm/W	2600 lm
910505100973	DN570C LED40S/830 PSU-E C WH	(0.43, 0.40) SDCM <2	3000 K	133 lm/W	4400 lm
910505100974	DN570C LED40S/840 PSU-E C WH	(0.38, 0.38) SDCM <2	4000 K	147 lm/W	4400 lm
910505100975	DN570C LED40S/830 DIA-VLC-E C WH	(0.43, 0.40) SDCM <2	3000 K	133 lm/W	4400 lm
910505100976	DN570C LED40S/840 DIA-VLC-E C WH	(0.38, 0.38) SDCM <2	4000 K	147 lm/W	4400 lm

Initial Performance (IEC Compliant) (2/2)

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Order Code	Full Product Name	Initial input power
910505100959	DN570C LED20S/830 PSU-E C WH	16.4 W
910505100960	DN570C LED20S/840 PSU-E C WH	14.8 W
910505100961	DN571C LED20S/830 PSU-E C WH	16.4 W
910505100962	DN571C LED20S/840 PSU-E C WH	14.8 W
910505100963	DN570C LED20S/830 DIA-VLC-E C WH	16.4 W
910505100964	DN570C LED20S/840 DIA-VLC-E C WH	14.8 W
910505100965	DN571C LED20S/830 DIA-VLC-E C WH	16.4 W
910505100966	DN571C LED20S/840 DIA-VLC-E C WH	14.8 W
910505100967	DN570C LED24S/830 PSU-E C WH	20 W

Order Code	Full Product Name	Initial input power
910505100968	DN570C LED24S/840 PSU-E C WH	18.4 W
910505100969	DN570C LED24S/830 DIA-VLC-E C WH	20 W
910505100970	DN570C LED24S/840 DIA-VLC-E C WH	18.4 W
910505100971	DN571C LED24S/830 DIA-VLC-E C WH	20 W
910505100972	DN571C LED24S/840 DIA-VLC-E C WH	18.4 W
910505100973	DN570C LED40S/830 PSU-E C WH	33 W
910505100974	DN570C LED40S/840 PSU-E C WH	30 W
910505100975	DN570C LED40S/830 DIA-VLC-E C WH	33 W
910505100976	DN570C LED40S/840 DIA-VLC-E C WH	30 W

