



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

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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: 2700K, 3000 or 4000 K
- Colors: high-gloss metalized, white (RAL9010), grey, black (RAL9005) as standard (any other RAL color possible upon request)
- Compliant for central emergency lighting with DC
- 3C track and pendant version (upon request)
- Multiple additional options: PG and PGO, suspended deco glass (upon request)
- Choice of two design slim and bulk

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
Lumen maintenance at median useful life* 50000 h	L90
Control gear failure rate at median useful life 50000 h	5%
Performance Ambient Temperature Tq	+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

Accessories

Protection glass

Ordercode 910503586401



Protection glass, opal

Ordercode 910503586402



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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	220-240 V
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General Information

Cap-Base	-
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
Gear	-
Glow-wire test	Temperature 850 °C, duration 5 s
Light source replaceable	No
Number of gear units	1 unit
Optic type	High-gloss mirror
Product Family Code	DN570C
UL mark	-

Initial Performance (IEC Compliant)

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

Mechanical and Housing

Color	White RAL 9003
Diameter	250 mm

Application Conditions

Order Code	Full Product Name	Maximum dim level
910503706705	DN570C LED20S/830 PSU-E C WH	-
910503706706	DN570C LED20S/830 PSD-VLC-E C WH	1%
910503706707	DN570C LED24S/830 PSU-E C WH	-
910503706708	DN570C LED24S/830 PSD-VLC-E C WH	1%
910503706709	DN570C LED40S/830 PSU-E C WH	-
910503706710	DN570C LED40S/830 PSD-VLC-E C WH	1%
910503706711	DN570C LED20S/840 PSU-E C WH	-
910503706712	DN570C LED20S/840 PSD-VLC-E C WH	1%
910503706713	DN570C LED24S/840 PSU-E C WH	-
910503706714	DN570C LED24S/840 PSD-VLC-E C WH	1%
910503706715	DN570C LED40S/840 PSU-E C WH	-
910503706716	DN570C LED40S/840 PSD-VLC-E C WH	1%

Controls and Dimming

Order Code	Full Product Name	Dimmable
910503706705	DN570C LED20S/830 PSU-E C WH	No
910503706706	DN570C LED20S/830 PSD-VLC-E C WH	Yes
910503706707	DN570C LED24S/830 PSU-E C WH	No
910503706708	DN570C LED24S/830 PSD-VLC-E C WH	Yes
910503706709	DN570C LED40S/830 PSU-E C WH	No
910503706710	DN570C LED40S/830 PSD-VLC-E C WH	Yes

Order Code	Full Product Name	Dimmable
910503706711	DN570C LED20S/840 PSU-E C WH	No
910503706712	DN570C LED20S/840 PSD-VLC-E C WH	Yes
910503706713	DN570C LED24S/840 PSU-E C WH	No
910503706714	DN570C LED24S/840 PSD-VLC-E C WH	Yes
910503706715	DN570C LED40S/840 PSU-E C WH	No
910503706716	DN570C LED40S/840 PSD-VLC-E C WH	Yes

General Information

Order Code	Full Product Name	Lamp family code
910503706705	DN570C LED20S/830 PSU-E C WH	LED20S

Order Code	Full Product Name	Lamp family code
910503706706	DN570C LED20S/830 PSD-VLC-E C WH	LED20S

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Order Code	Full Product Name	Lamp family code
910503706707	DN570C LED24S/830 PSU-E C WH	LED24S
910503706708	DN570C LED24S/830 PSD-VLC-E C WH	LED24S
910503706709	DN570C LED40S/830 PSU-E C WH	LED40S
910503706710	DN570C LED40S/830 PSD-VLC-E C WH	LED40S
910503706711	DN570C LED20S/840 PSU-E C WH	LED20S

Order Code	Full Product Name	Lamp family code
910503706712	DN570C LED20S/840 PSD-VLC-E C WH	LED20S
910503706713	DN570C LED24S/840 PSU-E C WH	LED24S
910503706714	DN570C LED24S/840 PSD-VLC-E C WH	LED24S
910503706715	DN570C LED40S/840 PSU-E C WH	LED40S
910503706716	DN570C LED40S/840 PSD-VLC-E C WH	LED40S

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
910503706705	DN570C LED20S/830 PSU-E C WH	(0.43, 0.40)	3000 K	116 lm/W	2200 lm
910503706706	DN570C LED20S/830 PSD-VLC-E C WH	(0.43, 0.40)	3000 K	116 lm/W	2200 lm
910503706707	DN570C LED24S/830 PSU-E C WH	(0.43, 0.40)	3000 K	113 lm/W	2600 lm
910503706708	DN570C LED24S/830 PSD-VLC-E C WH	(0.43, 0.40)	3000 K	113 lm/W	2600 lm
910503706709	DN570C LED40S/830 PSU-E C WH	(0.43, 0.40)	3000 K	124 lm/W	4200 lm
910503706710	DN570C LED40S/830 PSD-VLC-E C WH	(0.43, 0.40)	3000 K	124 lm/W	4200 lm

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Initial LED luminaire efficacy	Initial luminous flux
910503706711	DN570C LED20S/840 PSU-E C WH	(0.38, 0.37)	4000 K	126 lm/W	2200 lm
910503706712	DN570C LED20S/840 PSD-VLC-E C WH	(0.38, 0.37)	4000 K	126 lm/W	2200 lm
910503706713	DN570C LED24S/840 PSU-E C WH	(0.38, 0.37)	4000 K	124 lm/W	2600 lm
910503706714	DN570C LED24S/840 PSD-VLC-E C WH	(0.38, 0.37)	4000 K	124 lm/W	2600 lm
910503706715	DN570C LED40S/840 PSU-E C WH	(0.38, 0.37)	4000 K	131 lm/W	4200 lm
910503706716	DN570C LED40S/840 PSD-VLC-E C WH	(0.38, 0.37)	4000 K	131 lm/W	4200 lm

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
910503706705	DN570C LED20S/830 PSU-E C WH	19 W
910503706706	DN570C LED20S/830 PSD-VLC-E C WH	19 W
910503706707	DN570C LED24S/830 PSU-E C WH	23 W
910503706708	DN570C LED24S/830 PSD-VLC-E C WH	23 W
910503706709	DN570C LED40S/830 PSU-E C WH	34 W
910503706710	DN570C LED40S/830 PSD-VLC-E C WH	34 W

Order Code	Full Product Name	Initial input power
910503706711	DN570C LED20S/840 PSU-E C WH	17.4 W
910503706712	DN570C LED20S/840 PSD-VLC-E C WH	17.4 W
910503706713	DN570C LED24S/840 PSU-E C WH	21 W
910503706714	DN570C LED24S/840 PSD-VLC-E C WH	21 W
910503706715	DN570C LED40S/840 PSU-E C WH	32 W
910503706716	DN570C LED40S/840 PSD-VLC-E C WH	32 W

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