



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	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	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 93234500



Protection glass, opal

Ordercode 93235200



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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 (I)
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	F
Gear	-
Glow-wire test	850/5
Light source replaceable	No
Number of gear units	1 unit
Optic type	C
Product Family Code	DN570C
UL mark	-

Initial Performance (IEC Compliant)

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

Mechanical and Housing

Colour	White RAL 9003
Diameter	250 mm

Application Conditions

Order Code	Full Product Name	Maximum dim level
94480500	DN570C LED20S/830 PSU-E C WH	-
94481200	DN570C LED20S/830 PSD-VLC-E C WH	1%
94482900	DN570C LED24S/830 PSU-E C WH	-
94483600	DN570C LED24S/830 PSD-VLC-E C WH	1%
94484300	DN570C LED40S/830 PSU-E C WH	-
94485000	DN570C LED40S/830 PSD-VLC-E C WH	1%
94486700	DN570C LED20S/840 PSU-E C WH	-
94487400	DN570C LED20S/840 PSD-VLC-E C WH	1%
94488100	DN570C LED24S/840 PSU-E C WH	-
94489800	DN570C LED24S/840 PSD-VLC-E C WH	1%
94490400	DN570C LED40S/840 PSU-E C WH	-
94491100	DN570C LED40S/840 PSD-VLC-E C WH	1%

Controls and Dimming

Order Code	Full Product Name	Dimmable
94480500	DN570C LED20S/830 PSU-E C WH	No
94481200	DN570C LED20S/830 PSD-VLC-E C WH	Yes
94482900	DN570C LED24S/830 PSU-E C WH	No
94483600	DN570C LED24S/830 PSD-VLC-E C WH	Yes
94484300	DN570C LED40S/830 PSU-E C WH	No
94485000	DN570C LED40S/830 PSD-VLC-E C WH	Yes

Order Code	Full Product Name	Dimmable
94486700	DN570C LED20S/840 PSU-E C WH	No
94487400	DN570C LED20S/840 PSD-VLC-E C WH	Yes
94488100	DN570C LED24S/840 PSU-E C WH	No
94489800	DN570C LED24S/840 PSD-VLC-E C WH	Yes
94490400	DN570C LED40S/840 PSU-E C WH	No
94491100	DN570C LED40S/840 PSD-VLC-E C WH	Yes

General Information

Order Code	Full Product Name	Lamp family code
94480500	DN570C LED20S/830 PSU-E C WH	LED20S
94481200	DN570C LED20S/830 PSD-VLC-E C WH	LED20S
94482900	DN570C LED24S/830 PSU-E C WH	LED24S
94483600	DN570C LED24S/830 PSD-VLC-E C WH	LED24S
94484300	DN570C LED40S/830 PSU-E C WH	LED40S
94485000	DN570C LED40S/830 PSD-VLC-E C WH	LED40S

Order Code	Full Product Name	Lamp family code
94486700	DN570C LED20S/840 PSU-E C WH	LED20S
94487400	DN570C LED20S/840 PSD-VLC-E C WH	LED20S
94488100	DN570C LED24S/840 PSU-E C WH	LED24S
94489800	DN570C LED24S/840 PSD-VLC-E C WH	LED24S
94490400	DN570C LED40S/840 PSU-E C WH	LED40S

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Order Code	Full Product Name	Lamp family code
94491100	DN570C LED40S/840 PSD-VLC-E C WH	LED40S

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
94480500	DN570C LED20S/830 PSU-E C WH	(0.43, 0.40)	3000 K	116 lm/W	2200 lm
94481200	DN570C LED20S/830 PSD-VLC-E C WH	(0.43, 0.40)	3000 K	116 lm/W	2200 lm
94482900	DN570C LED24S/830 PSU-E C WH	(0.43, 0.40)	3000 K	113 lm/W	2600 lm
94483600	DN570C LED24S/830 PSD-VLC-E C WH	(0.43, 0.40)	3000 K	113 lm/W	2600 lm
94484300	DN570C LED40S/830 PSU-E C WH	(0.43, 0.40)	3000 K	124 lm/W	4200 lm
94485000	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. Colour Temperature	Initial LED luminaire efficacy	Initial luminous flux
94486700	DN570C LED20S/840 PSU-E C WH	(0.38, 0.37)	4000 K	126 lm/W	2200 lm
94487400	DN570C LED20S/840 PSD-VLC-E C WH	(0.38, 0.37)	4000 K	126 lm/W	2200 lm
94488100	DN570C LED24S/840 PSU-E C WH	(0.38, 0.37)	4000 K	124 lm/W	2600 lm
94489800	DN570C LED24S/840 PSD-VLC-E C WH	(0.38, 0.37)	4000 K	124 lm/W	2600 lm
94490400	DN570C LED40S/840 PSU-E C WH	(0.38, 0.37)	4000 K	131 lm/W	4200 lm
94491100	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
94480500	DN570C LED20S/830 PSU-E C WH	19 W
94481200	DN570C LED20S/830 PSD-VLC-E C WH	19 W
94482900	DN570C LED24S/830 PSU-E C WH	23 W
94483600	DN570C LED24S/830 PSD-VLC-E C WH	23 W
94484300	DN570C LED40S/830 PSU-E C WH	34 W
94485000	DN570C LED40S/830 PSD-VLC-E C WH	34 W

Order Code	Full Product Name	Initial input power
94486700	DN570C LED20S/840 PSU-E C WH	17.4 W
94487400	DN570C LED20S/840 PSD-VLC-E C WH	17.4 W
94488100	DN570C LED24S/840 PSU-E C WH	21 W
94489800	DN570C LED24S/840 PSD-VLC-E C WH	21 W
94490400	DN570C LED40S/840 PSU-E C WH	32 W
94491100	DN570C LED40S/840 PSD-VLC-E C WH	32 W

