



LuxSpace, surface mounted

DN570C LED20S/830 DIA-VLC-E C WH

LuxSpace, surface mounted, Surface-mounted, 16.4 W, D250 mm, 2200 lumen, 3000 K, DALI, Interact Ready, High-gloss reflector, IP20

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.

Product data

General Information		Warranty period	
Light source replaceable	No	Warranty period	5 years
Number of gear units	1 unit	Flammability mark	For mounting on normally flammable surfaces
Driver included	Yes	ENEC mark	ENEC mark
Service tag	Yes	Glow-wire test	Temperature 850 °C, duration 5 s
Product family code	DN570C [LUXSPACE 2 COMPACT LOW HEIGHT]	EU RoHS compliant	Yes
Connectivity	Interact Ready	Light Technical	
Lighting Technology	LED	Luminous Flux	2,200 lumen
Value ladder	Specification	Correlated Color Temperature (Nom)	3000 K
CE mark	Yes	Luminous Efficacy (rated) (Nom)	134 lm/W

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Color rendering index (CRI)	>80
Light source color	830 warm white
Optic type	-
Luminaire light beam spread	80°
Unified glare rating CEN	22

Operating and Electrical

Line Frequency	50 to 60 Hz
Input Voltage	220 to 240 V
Inrush current	16 A
Inrush time	0.195 ms
Power Consumption	16.4 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	24

Temperature

Ambient temperature range	+10 to +25 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface and constant light output, external
Control interface	DALI
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	Polycarbonate aluminum coated
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Steel
Housing Color	White
Optical cover/lens finish	-
Reflector Finish	High-gloss reflector
Overall height	215 mm

Overall diameter	250 mm
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Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	-
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Initial chromaticity	(0.43, 0.40) SDCM <2
Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L90

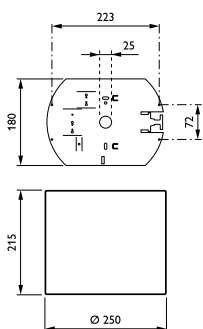
Application Conditions

Maximum dim level	1%
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes

Product Data

Full product code	871869997092500
Order product name	DN570C LED20S/830 DIA-VLC-E C WH
Order code	910505100963
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910505100963
Full product name	DN570C LED20S/830 DIA-VLC-E C WH
EAN/UPC - Case	8718699970925
EAN/UPC - Product/Case	8718699970925

Dimensional drawing



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