



LuxSpace, recessed

DN570B LED20S/840UE PSU-E WR WH

LuxSpace, recessed, UltraEfficient, 13 W, D200 mm, 2100 lm, 4000 K, White reflector, IP20

Customers are looking to optimize all their resources, and that means not just their running costs (energy, etc.) but also user costs where they see much bigger impact on return. Therefore, LuxSpace is designed to provide the perfect combination of efficiency, visual comfort and design, without compromising on lighting performance (color rendering and light distribution). It offers a wide choice of options for creating the desired ambience to support user comfort, no matter the application is. For office applications LuxSpace supports health and wellbeing having dedicated Tunable White products and lighting controls.

Product data

General Information	
Lamp family code	20S [LED module, system flux 2000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	Yes
Lighting Technology	LED
Value ladder	Specification
Warranty period	5 years
Sustainability rating	-
Light Technical	
Upward light output ratio	0

Luminous Flux	2,100 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	161 lm/W
Color rendering index (CRI)	>80
Light source color	840 neutral white
Optic type	-
Luminaire light beam spread	60°
Optic type outdoor	-
Unified glare rating CEN	22
Effective projected area	0.031415 m²
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W

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End CLO power consumption	- W
Inrush current	4.4 A
Inrush time	0.02 ms
Power Consumption	13 W
Power Factor (Fraction)	0.9
Battery ampere hour	- Ah
Battery voltage	- V
Battery charging & discharging cycles	-
Panel voltage	- V
Panel peak wattage	- W
Charge controller wattage	- W
Connection	-
Cable	-
Number of products on MCB of 16 A type B	65
Grid connection type	Hybrid
Suitable for random switching	Yes
Protection class IEC	Safety class II
Surge Protection (Common/Differential)	Over-voltage protection

Controls and Dimming

Dimmable	No
Configurability	Configurable
Driver/power unit/transformer	Power supply unit external (On/Off)
Control interface	-
Constant light output	No
Autonomy	0 hour(s)
Maximum dim level	Not applicable
Solar dimming profile	-

Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	-
Fixation material	Steel
Housing Color	White
Mounting device	Spring clip for recess mounting
Optical cover shape	-
Optical cover finish	-
Reflector Finish	White reflector
Overall height	96.5 mm
Overall diameter	214 mm
Battery location	-
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Optical cover type	-
Net Weight (Piece)	0.800 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	+10 to +35 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	-
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life	5 %
50000 h	
Control gear failure rate at median useful life	0 %
75000 h	
Lumen maintenance at median useful life*	-
35000 h	
Lumen maintenance at median useful life*	L90
50000 h	
Lumen maintenance at median useful life*	-
75000 h	
Lumen maintenance at median useful life*	-
100000 h	

Product Data

Order product name	DN570B LED20S/840UE PSU-E WR WH
Full product name	DN570B LED20S/840UE PSU-E WR WH
Full product code	872016958583600
Order code	910505102654
Material Nr. (12NC)	910505102654
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169585836
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169585836
Product family code	DN570B [LUXSPACE 2 COMPACT LOW HEIGHT]

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Dimensional drawing

