GreenSpace

DN471B LED20S/840 PSD-E C WH P

GreenSpace, 15.2 W, D200 mm, 1950 lm, 4000 K, DALI, High-gloss reflector, IP20

GreenSpace is a perfect solution where customers want to strike the ideal balance between their initial investment and the cost of the installation during its lifetime while they are covering multiple applications. GreenSpace features the latest LED technology which enables extremely low power consumption. With its perfect fit you'll get the LED downlight that always fits and looks perfect at the same time. This perfect fit is available for cut out sizes from 150mm to 280mm which is the ideal solution for your renovation project. It saves the hassle, avoids time consuming and costly adaptor rings. GreenSpace is designed for Circular Economy with optimized performance, extended lifetime through upgradability and integration options, ease of customization, recycling and disassembly. Housing and rim are made with at least 55% recycled or mass-balanced bio-circular material, making it a conscious choice for those that want to contribute to a circular economy.GreenSpace can be connected to wireless systems to create a smart office lighting solution with optional integrated sensors as well.

Product data

General Information

Lamp family code	20S [LED module, system flux 2000 lm]
Light source replaceable	No
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	Lighting for circularity

Light Technical

Upward light output ratio	0
Luminous Flux	1,950 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	128 lm/W
Color rendering index (CRI)	>80
Light source color	840 neutral white

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Optic type	–
Luminaire light beam spread	120°
Optic type outdoor	–
Unified glare rating CEN	19
Effective projected area	0 m²

Operating and Electrical

Input Voltage	220–240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	– W
Average CLO power consumption	– W
Inrush current	6.7 A
Inrush time	0.027 ms
Power Consumption	15.2 W
Power Factor (Fraction)	0.9
Connection	Feed-through connector 5-pole
Cable	–
Number of products on MCB of 16 A type B	40
Suitable for random switching	Yes
Protection class IEC	Safety class II
Surge Protection (Common/Differential)	–
Total harmonic distortion	3 %

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface external
Control interface	DALI
Constant light output	No
DALI Standard	DALI-2™
Maximum dim level	1%

Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	Polycarbonate aluminum coated
Optic material	Polycarbonate
Optical cover material	–
Fixation material	–
Housing Color	White
Mounting device	–
Optical cover shape	–
Optical cover finish	–
Reflector Finish	High-gloss reflector
Overall height	94 mm
Overall diameter	216 mm
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)	0.700 kg

Emergency Operation

Central Emergency	No

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	–
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 1 @200mm to EN62778
Photobiological risk specification	0 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	+10 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/–10%
Initial chromaticity	(0.38, 0.38) SDCM<3
Power consumption tolerance	+/–10%
Init. Color Rendering Index Tolerance	0
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	10 %
Lumen maintenance at median useful life* 50000 h	L90

Product Data

Order product name	DN471B LED20S/840 PSD-E C WH P
Full product name	DN471B LED20S/840 PSD-E C WH P
Full product code	872016901310000
Order code	910505102291
Material Nr. (12NC)	910505102291
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8720169013100
Numerator – Packs per outer box	1
EAN/UPC – Case	8720169013100
Product family code	DN471B [200mm + anti-glare ring]

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Dimensional drawing