



GreenSpace

DN463B LED11S/840 PSU-E C WH PCC P

GreenSpace, downlight, 8.2 W, D150 mm, 1000 lm, 4000 K, UGR19, High-gloss reflector, Clear, IP20/54

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 150 mm to 280 mm 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 75% 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. Its long lifetime with 100,000 hours at L100 (CLO), L90 (700lm/1400lm/on request 2000lm) makes it a true 'fit and forget' solution.

Product data

General Information	
Lamp family code	LED11S [LED Module, system flux 1100 lm]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver included	Yes
Service tag	Yes
Lighting Technology	LED
Mounting	Recessed

Value ladder	
Specification	
Warranty period	5 years
Light Technical	
Luminous Flux	1,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	124 lm/W
Color rendering index (CRI)	>80
Number of light sources	1

Beam angle of light source	- degree(s)
Light source color	840 neutral white
Optic type	-
Luminaire light beam spread	120°
Unified glare rating CEN	19

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	14 A
Inrush time	0.130 ms
Power Consumption	8.2 W
Power Factor (Fraction)	0.9
Connection	Feed-through connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	65
Suitable for random switching	Yes
Protection class IEC	Safety class II
Total harmonic distortion	20 %

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit external (On/Off)
Control interface	-
Constant light output	No
Maximum dim level	Not applicable

Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	Polycarbonate aluminum coated
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	White
Optical cover finish	Clear
Reflector Finish	High-gloss reflector
Overall height	77 mm
Overall diameter	166 mm
Ingress protection code	IP20/54 [Finger-protected; dust accumulation-protected, splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	0.600 kg

Emergency Operation

Central Emergency	No
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Approval and Application

Glow-wire test	Temperature 750 °C, duration 30 s
Flammability mark	-

CE mark	Yes
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value.
Ambient temperature range	-15 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM<3
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1 %
Control gear failure rate at median useful life 50000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	-

Sustainability Data

Sustainability rating	Unclassified
Serviceability class	Class B, luminaire is equipped with some serviceable parts (when applicable): driver, control units, surge protection device, front cover and mechanical parts
Embedded carbon (A1-A3)	10.9 kg CO ₂ e
Product non-virgin material ratio	13.1 %
Recyclable content ratio of the finished product	47 %
GWP total B6 (kg CO ₂ eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO ₂ eq / kWh)
GWP total B6 (kg CO ₂ eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) / lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO ₂ eq / kWh)

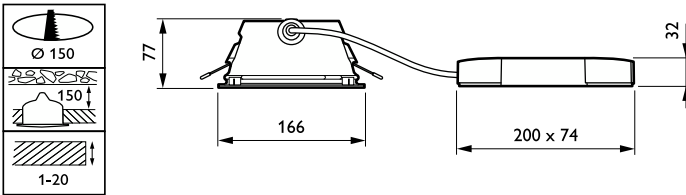
Product Data

Order product name	DN463B LED11S/840 PSU-E C WH PCC P
Full product name	DN463B LED11S/840 PSU-E C WH PCC P
Full product code	871869938467800

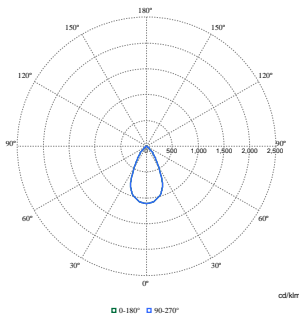
Order code	912500100067
Material Nr. (12NC)	912500100067
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699384678
Numerator - Packs per outer box	1

EAN/UPC - Case	8718699384678
Product family code	DN463B [150mm + anti-glare ring, IP54]

Dimensional drawing



Photometric data



Polar Normal (separate) - DN460BN - 912500100067

