



GreenSpace

DN461B LED11S/840 PSU-E C WH P

GreenSpace, downlight, 8.2 W, D150 mm, 1100 lm, 4000 K, UGR19, 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 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	1,100 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	134 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	220-240 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

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	-
Fixation material	-
Housing Color	White
Optical cover finish	-
Reflector Finish	High-gloss reflector
Overall height	77 mm
Overall diameter	166 mm
Ingress protection code	IP20 [Finger-protected]
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	+10 to +40 °C
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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
Repair class	Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and documentation are available for a period of time.

Embedded carbon (A1-A3)	10.9 kg CO _{2e}
Product non-virgin material ratio	13.1 %
Recyclable content ratio of the finished product	47 %

GWP total B6 (kg CO_{2eq}) Declared Unit Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO_{2eq} / kWh)

GWP total B6 (kg CO_{2eq}) 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_{2eq} / kWh)

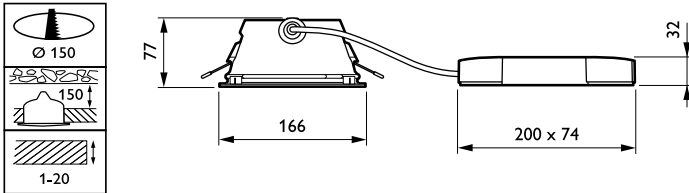
Product Data

Order product name	DN461B LED11S/840 PSU-E C WH P
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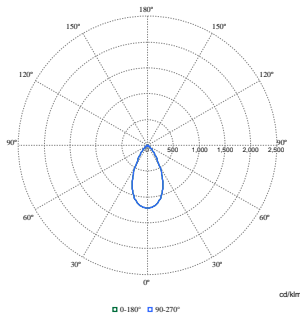
Full product name	DN461B LED11S/840 PSU-E C WH P
Full product code	871869979324100
Order code	912500100519
Material Nr. (12NC)	912500100519
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699793241

Numerator - Packs per outer box	1
EAN/UPC - Case	8718699793241
Product family code	DN461B [150mm + anti-glare ring]

Dimensional drawing



Photometric data



Polar Normal (separate) - DN460BN - 912500100519

