



GreenSpace

DN460B LED11S/840 PSU-E C ELP3 WH P

GreenSpace, 8.2 W, D150 mm, 1150 lm, 4000 K, High-gloss reflector, IP20, ELP3h

Customers want to strike the ideal balance between their initial investment and the cost of the installation during its lifetime. GreenSpace is a cost-efficient and sustainable downlight that can be used to replace conventional CFL downlights in general lighting applications. It features the latest LED technology, which enables extremely low power consumption, while delivering consistent light output, stable colour performance and high colour rendering. The product's long lifetime makes it a true 'fit and forget' solution.

Product data

General Information		Sustainability rating	
Lamp family code	LED11S [LED Module, system flux 1100 lm]	Unclassified	
Light source replaceable	No	Light Technical	
Number of gear units	Unit	Luminous Flux	1,150 lm
Gear	-	Correlated Colour Temperature (Nom)	4000 K
Driver included	Yes	Luminous efficacy (rated) (nom.)	137 lm/W
Service Tag	Yes	Colour rendering index (CRI)	>80
Lighting Technology	LED	Number of light sources	1
Mounting	Recessed	Beam angle of light source	- degree(s)
Value ladder	Specification	Light source colour	840 neutral white
Serviceability class	Class B, the luminaire is equipped with some serviceable parts (when applicable): driver, control units, surge-protection device, front cover and mechanical parts	Optic type	-
Warranty period	5 years	Luminaire light beam spread	120°
		Unified Glare Rating (CEN)	22
		Operating and Electrical	
		Input Voltage	220-240 V

Line Frequency	50 to 60 Hz
Initial CLO power consumption	- W W
Average CLO power consumption	- W 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 (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	Aluminium and polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	-
Fixation material	-
Housing Colour	White
Optical cover/lens 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)	0.900 kg

Emergency Operation

Rated duration of the emergency lighting (when fully charged)	3 h
Central Emergency	No
Emergency lighting	Emergency lighting 3-hour duration Pro version
Emergency function testing method	Automatic pre-programmed self testing
Emergency lighting operation mode	Maintained

Approval and Application

Glow-wire test	Temperature 750 °C, duration 30 s
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Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Remarks	* – According to the Lighting Europe guidance paper 'Evaluating the performance of LED - based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value.
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%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3

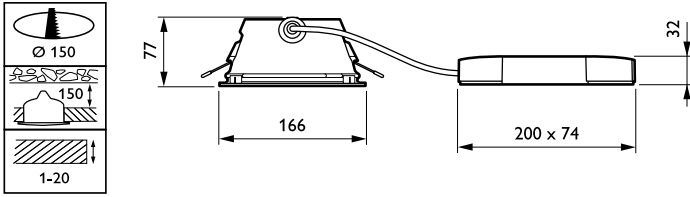
Over Time Performance (IEC Compliant)

Driver failure rate at 5,000 hours	1 %
Control gear failure rate at median useful life 50,000 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	-

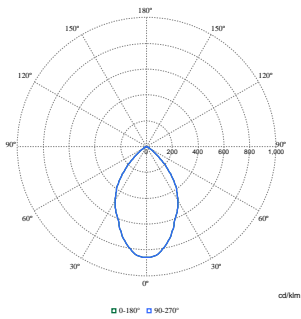
Product Data

Order product name	DN460B LED11S/840 PSU-E C ELP3 WH P
Full product name	DN460B LED11S/840 PSU-E C ELP3 WH P
Full EOC	871869979340100
Order code	912500100535
Material no. (12 NC)	912500100535
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699793401
Numerator – packs per outer box	1
EAN/UPC - Case	8718699793401
Product family code	DN460B [150mm]

Dimensional drawing



Photometric data



Polar Normal (separate) - DN460BN - 912500100535

