GreenSpace

DN460B LED11S/840 PSU-E C WH P

GreenSpace, 10.2 W, D150 mm, 1300 lm, 4000 K, High-gloss reflector, IP20

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

Lamp family code	LED11S [LED Module, system flux 1100 lm]
Light source replaceable	No
Number of gear units	Unit
Gear	–
Driver included	Yes
Service Tag	Yes
Lighting Technology	LED
Value ladder	Specification
Warranty period	5 years
Sustainability rating	Lighting for circularity

Light Technical

Luminous Flux	1,300 lm
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	127 lm/W

Colour rendering index (CRI)	>80
Number of light sources	1
Beam angle of light source	– degree(s)
Light source colour	840 neutral white
Optic type	–
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	10.2 W

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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)	0.600 kg

Emergency Operation

Central Emergency	No

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	*– According to the Lighting Europe guidance paper 'Evaluating 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 at median useful life* 50,000 h	L90

Product Data

Order product name	DN460B LED11S/840 PSU-E C WH P
Full product name	DN460B LED11S/840 PSU-E C WH P
Full EOC	871869979320300
Order code	79320300
Material no. (12 NC)	912500100515
Numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699793203
Numerator – packs per outer box	1
EAN/UPC – Case	8718699793203
Product family code	DN460B [150mm]

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Dimensional drawing

www.lighting.philips.com

2023, April 15 – data subject to change