



GreenSpace

DN460B LED11S/830 PSE-E C WH GC

150mm, LED Module, system flux 1100 lm, 830 warm white, Power supply unit DC-compatible, external, Wire-protected, splash-proof, White RAL 9003

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]
Cap base	- [-]
Light source replaceable	No
Number of gear units	Unit
Gear	-
Driver included	Yes
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.

Product family code	DN460B [150mm]
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	1,200 lm
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	109.09 lm/W

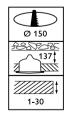
Datasheet, 2023, April 29 data subject to change

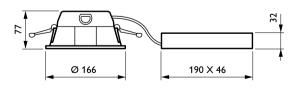
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Colour rendering index (CRI) 80 Beam angle of light source 120 degree(s) Light source colour 830 warm white Optic type High-gloss mirror Luminaire light beam spread 80° Unified Glare Rating (CEN) 22 Operating and Electrical Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Inrush current 14 A Inrush time 0.24 ms Power Consumption 11 W Power Factor (Fraction) 0.9 Connection Push-in connector and pull relief Cable - Number of products on MCB of 16 A type 30 B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit DC-compatible, external Constant light output No Mechanical and Housing Housing material Aluminium Reflector material Aluminium and polycarbonate Optic at cover/lens material Glass Fixation material - Housing Colour White RAL 9003 Optical cover/lens finish Clear Overall height 77 mm		
Light source colour Optic type High-gloss mirror Luminaire light beam spread 80° Unified Glare Rating (CEN) 22 Operating and Electrical Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Inrush current 14 A Inrush time 0.24 ms Power Consumption 11 W Power Factor (Fraction) 0.9 Connection Push-in connector and pull relief Cable - Number of products on MCB of 16 A type B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Constant light output No Mechanical and Housing Housing material Reflector material Optic material Optic material Optical cover/lens material Housing Colour White RAL 9003 Optical cover/lens finish Cappa	Colour rendering index (CRI)	80
Optic type High-gloss mirror Luminaire light beam spread 80° Unified Glare Rating (CEN) 22 Operating and Electrical Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Inrush current 14 A Inrush time 0.24 ms Power Consumption 11 W Power Factor (Fraction) 0.9 Connection Push-in connector and pull relief Cable - Number of products on MCB of 16 A type 8 B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit DC-compatible, external Constant light output No Mechanical and Housing Housing material Aluminium and polycarbonate Optic material Polycarbonate Optic material Glass Fixation material - Housing Colour White RAL 9003 Optical cover/lens finish Clear	Beam angle of light source	120 degree(s)
Luminaire light beam spread Unified Glare Rating (CEN) 22 Operating and Electrical Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Inrush current 14 A Inrush time 0.24 ms Power Consumption 11 W Power Factor (Fraction) 0.9 Connection Push-in connector and pull relief Cable - Number of products on MCB of 16 A type B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Constant light output No Mechanical and Housing Housing material Reflector material Aluminium Reflector material Optic anderial Optical cover/lens material Fixation material Housing Colour White RAL 9003 Optical cover/lens finish Cicar	Light source colour	830 warm white
Unified Glare Rating (CEN) 22 Operating and Electrical Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Inrush current 14 A Inrush time 0.24 ms Power Consumption 11 W Power Factor (Fraction) 0.9 Connection Push-in connector and pull relief Cable - Number of products on MCB of 16 A type B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Constant light output No Mechanical and Housing Housing material Aluminium Reflector material Optic material Optic material Optical cover/lens material Fixation material Housing Colour White RAL 9003 Optical cover/lens finish Control value 220 to 240 V Line Value Va	Optic type	High-gloss mirror
Operating and Electrical Input Voltage 220 to 240 V Line Frequency 50 to 60 Hz Inrush current 14 A Inrush time 0.24 ms Power Consumption 11 W Power Factor (Fraction) 0.9 Connection Push-in connector and pull relief Cable - Number of products on MCB of 16 A type B B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit DC-compatible, external Constant light output No Mechanical and Housing Housing material Aluminium and polycarbonate Optic material Polycarbonate Optic material Glass Fixation material - Housing Colour White RAL 9003 Optical cover/lens finish Clear	Luminaire light beam spread	80°
Line Frequency 50 to 240 V Line Frequency 50 to 60 Hz Inrush current 14 A Inrush time 0.24 ms Power Consumption 11 W Power Factor (Fraction) 0.9 Connection Push-in connector and pull relief Cable - Number of products on MCB of 16 A type B B Temperature Ambient temperature range +10 to +40 ℃ Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit DC-compatible, external Constant light output No Mechanical and Housing Housing material Aluminium Reflector material Aluminium and polycarbonate Optic material Polycarbonate Optic material Glass Fixation material - Housing Colour White RAL 9003 Optical cover/lens finish Clear	Unified Glare Rating (CEN)	22
Line Frequency 50 to 240 V Line Frequency 50 to 60 Hz Inrush current 14 A Inrush time 0.24 ms Power Consumption 11 W Power Factor (Fraction) 0.9 Connection Push-in connector and pull relief Cable - Number of products on MCB of 16 A type B B Temperature Ambient temperature range +10 to +40 ℃ Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit DC-compatible, external Constant light output No Mechanical and Housing Housing material Aluminium Reflector material Aluminium and polycarbonate Optic material Polycarbonate Optic material Glass Fixation material - Housing Colour White RAL 9003 Optical cover/lens finish Clear		
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Power Consumption 11 W Power Factor (Fraction) 0.9 Connection Push-in connector and pull relief Cable - Number of products on MCB of 16 A type 30 B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit DC-compatible, external Constant light output No Mechanical and Housing Housing material Aluminium Reflector material Aluminium and polycarbonate Optic material Polycarbonate Optical cover/lens material Glass Fixation material Housing Colour White RAL 9003 Optical cover/lens finish Clear	Line Frequency	50 to 60 Hz
Power Consumption 11 W Power Factor (Fraction) 0.9 Connection Push-in connector and pull relief Cable - Number of products on MCB of 16 A type B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit DC-compatible, external Constant light output No Mechanical and Housing Housing material Aluminium and polycarbonate Optic material Polycarbonate Optical cover/lens material Glass Fixation material - Housing Colour White RAL 9003 Optical cover/lens finish Clear	Inrush current	14 A
Power Factor (Fraction) Connection Push-in connector and pull relief Cable - Number of products on MCB of 16 A type B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit DC-compatible, external Constant light output No Mechanical and Housing Housing material Aluminium Reflector material Optic material Optical cover/lens material Glass Fixation material Housing Colour White RAL 9003 Optical cover/lens finish Cable - Unsh-in connector and pull relief - Rush-in connector and p	Inrush time	0.24 ms
Connection Push-in connector and pull relief Cable - Number of products on MCB of 16 A type 30 B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit DC-compatible, external Constant light output No Mechanical and Housing Housing material Aluminium Reflector material Aluminium and polycarbonate Optic material Polycarbonate Optical cover/lens material Glass Fixation material - Housing Colour White RAL 9003 Optical cover/lens finish Clear	Power Consumption	11 W
Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit DC-compatible, external Constant light output No Mechanical and Housing Housing material Aluminium Reflector material Aluminium and polycarbonate Optic material Polycarbonate Optical cover/lens material Glass Fixation material - Housing Colour White RAL 9003 Optical cover/lens finish Clear	Power Factor (Fraction)	0.9
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Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit DC-compatible, external Constant light output No Mechanical and Housing Housing material Aluminium Reflector material Aluminium and polycarbonate Optic material Polycarbonate Optical cover/lens material Glass Fixation material - Housing Colour White RAL 9003 Optical cover/lens finish Clear	Cable	-
Temperature Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit DC-compatible, external Constant light output No Mechanical and Housing Housing material Aluminium Reflector material Aluminium and polycarbonate Optic material Polycarbonate Optical cover/lens material Glass Fixation material - Housing Colour White RAL 9003 Optical cover/lens finish Clear	Number of products on MCB of 16 A type	30
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Ambient temperature range +10 to +40 °C Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit DC-compatible, external Constant light output No Mechanical and Housing Housing material Aluminium Reflector material Aluminium and polycarbonate Optic material Polycarbonate Optical cover/lens material Glass Fixation material - Housing Colour White RAL 9003 Optical cover/lens finish Clear		
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Dimmable No Driver/power unit/transformer Power supply unit DC-compatible, external Constant light output No Mechanical and Housing Housing material Aluminium Reflector material Aluminium and polycarbonate Optic material Polycarbonate Optical cover/lens material Glass Fixation material - Housing Colour White RAL 9003 Optical cover/lens finish Clear	Ambient temperature range	+10 to +40 °C
Dimmable No Driver/power unit/transformer Power supply unit DC-compatible, external Constant light output No Mechanical and Housing Housing material Aluminium Reflector material Aluminium and polycarbonate Optic material Polycarbonate Optical cover/lens material Glass Fixation material - Housing Colour White RAL 9003 Optical cover/lens finish Clear		
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Mechanical and Housing Housing material Aluminium Reflector material Aluminium and polycarbonate Optic material Polycarbonate Optical cover/lens material Glass Fixation material - Housing Colour White RAL 9003 Optical cover/lens finish Clear	Driver/power unit/transformer	Power supply unit DC-compatible, external
Housing material Aluminium Reflector material Aluminium and polycarbonate Optic material Polycarbonate Optical cover/lens material Glass Fixation material - Housing Colour White RAL 9003 Optical cover/lens finish Clear	Constant light output	No
Housing material Aluminium Reflector material Aluminium and polycarbonate Optic material Polycarbonate Optical cover/lens material Glass Fixation material - Housing Colour White RAL 9003 Optical cover/lens finish Clear		
Reflector material Aluminium and polycarbonate Optic material Polycarbonate Optical cover/lens material Glass Fixation material - Housing Colour White RAL 9003 Optical cover/lens finish Clear	Mechanical and Housing	
Optic material Polycarbonate Optical cover/lens material Glass Fixation material - Housing Colour White RAL 9003 Optical cover/lens finish Clear	Housing material	Aluminium
Optical cover/lens material Glass Fixation material - Housing Colour White RAL 9003 Optical cover/lens finish Clear	Reflector material	Aluminium and polycarbonate
Fixation material - Housing Colour White RAL 9003 Optical cover/lens finish Clear	Optic material	Polycarbonate
Housing Colour White RAL 9003 Optical cover/lens finish Clear	Optical cover/lens material	Glass
Optical cover/lens finish Clear	Fixation material	-
	Housing Colour	White RAL 9003
Overall height 77 mm	Optical cover/lens finish	Clear
	Overall height	77 mm

Overall diameter	166 mm	
Approval and Application		
Ingress protection code	IP44 [Wire-protected, splash-proof]	
Mech. impact protection code	IK02 [0.2 J standard]	
Protection class IEC	Safety class II	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.44, 0.40) SDCM<3	
Power consumption tolerance	+/-5%	
Over Time Performance (IEC Compliant)		
Control gear failure rate at median useful	5 %	
life 50,000 h		
Lumen maintenance at median useful	L90	
life* 50,000 h		
Lumen maintenance at median useful	L80	
life* 100,000 h		
Application Conditions		
Performance ambient temperature Tq	25 °C	
Suitable for random switching	Yes	
Product Data		
Order product name	DN460B LED11S/830 PSE-E C WH GC	
Full product name	DN460B LED11S/830 PSE-E C WH GC	
Full EOC	871869624319000	
Order code	24319000	
Material no. (12 NC)	910500454948	
SAP numerator – quantity per pack	1	
EAN/UPC — Product/Case	8718696243190	
Numerator – packs per outer box	1	
EAN/UPC - Case	8718696243190	

Dimensional drawing





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