# **PHILIPS** Lighting



# GreenSpace

# DN460B LED11S/840 PSE-E C WH GC

150mm, LED Module, system flux 1100 lm, 840 neutral 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.

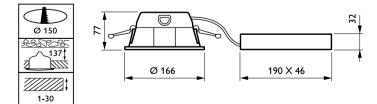
Product family code	DN460B [150mm]
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	1,200 lm
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	109.09 lm/W

# GreenSpace

Beam angle of light source       120 degree(s)         Light source colour       840 neutral white         Optic type       High-gloss mirror         Luminaire light beam spread       80°         Unified Glare Rating (CEN)       22         Operating and Electrical       Input Voltage         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 Sconsumption       0.9         Connection       Push-in connector and pull relief         Cable       -         Number of products on MCB of 16 A type       30         B       -         Controls and Dimming       Volto +40 °C         Dimmable       No         Driver/power unit/transformer       Power supply unit DC-compatible, external         Constant light output       No         Mechanical and Housing       Huminium         Housing material       Aluminium         Reflector material       Aluminium         Optic raterial       Polycarbonate         Optical cover/lens material       -         Polycarbonate       - <t< th=""><th></th><th></th></t<>		
Light source colour840 neutral whiteOptic typeHigh-gloss mirrorLuminaire light beam spread80°Unified Clare Rating (CEN)22Operating and ElectricalInput VoltageInput Voltage220 to 240 VLine Frequency50 to 60 HzInrush current14 AInrush time0.24 msPower Consumption11 WPower Factor (Fraction)0.9ConnectionPush-in connector and pull reliefCable-Number of products on MCB of 16 A type30BSTemperature+10 to +40 °CControls and DimmingNoDriver/power unit/transformerPower supply unit DC-compatible, externalConstant light outputNoMechanical and HousingAluminiumHousing materialAluminiumReflector materialClassFixation material-Optical cover/lens finishClear	Colour rendering index (CRI)	80
Dipplic type       High-gloss mirror         Luminaire light beam spread       80°         Unified Glare Rating (CEN)       22         Operating and Electrical       Imput Voltage         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       B         Temperature       +10 to +40 °C         Controls and Dimming       Voicer Supply unit DC-compatible, external         Driver/power unit/transformer       Power supply unit DC-compatible, external         Constant light output       No         Mechanical and Housing       Huminium         Housing material       Aluminium         Reflector material       Polycarbonate         Optic naterial       Polycarbonate         Optical cover/lens material       -         Optical cover/lens finish       Clear	Beam angle of light source	120 degree(s)
Luminaire light beam spread       80°         Unified Glare Rating (CEN)       22         Operating and Electrical	Light source colour	840 neutral white
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Operating and Electrical         Input Voltage       220 to 240 V         Line Frequency       50 to 60 Hz         Inrush current       14 A         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       -         Cable       -         Number of products on MCB of 16 A type       30         B       B         Temperature       Ambient temperature range         Ambient temperature range       +10 to +40 °C         Controls and Dimming       No         Dimmable       No         Driver/power unit/transformer       Power supply unit DC-compatible, external         Constant light output       No         Mechanical and Housing       Housing material         Housing material       Aluminium         Reflector material       Opticat cover/lens material         Optical cover/lens material       -         Housing Colour       White RAL 9003         Optical cover/lens finish       Clear	Luminaire light beam spread	80°
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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 Reflector material Glass Fixation material - Housing Colour White RAL 9003 Optical cover/lens finish Clear	Input Voltage	220 to 240 V
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Power Consumption11 WPower Factor (Fraction)0.9ConnectionPush-in connector and pull reliefCable-Cable-Number of products on MCB of 16 A type30B-Temperature-Ambient temperature range+10 to +40 °CControls and DimmingNoDimmableNoDriver/power unit/transformerPower supply unit DC-compatible, externalConstant light outputNoMechanical and HousingAluminiumHousing materialAluminiumReflector materialAluminium and polycarbonateOptical cover/lens material-Housing ColourWhite RAL 9003Optical cover/lens finishClear	Inrush current	14 A
Power Factor (Fraction)0.9ConnectionPush-in connector and pull reliefCable-Number of products on MCB of 16 A type30B30Temperature-Ambient temperature range+10 to +40 °CControls and DimmingNoDimmableNoDriver/power unit/transformerPower supply unit DC-compatible, externalConstant light outputNoMechanical and HousingAluminiumReflector materialAluminiumReflector materialGlassDiptical cover/lens materialGlassFixation material-Housing ColourWhite RAL 9003Optical cover/lens finishClear	Inrush time	0.24 ms
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Cable       -         Number of products on MCB of 16 A type       30         B       30         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       Olycarbonate         Optic acver/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       Aluminium         Reflector material       Aluminium and polycarbonate         Optic 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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Controls and Dimming         Dimmable       No         Driver/power unit/transformer       Power supply unit DC-compatible, external         Constant light output       No         Mechanical and Housing       No         Housing material       Aluminium         Reflector material       Polycarbonate         Optic material       Glass         Fixation material       -         Housing Colour       White RAL 9003         Optical cover/lens finish       Clear	Temperature	
Dimmable     No       Driver/power unit/transformer     Power supply unit DC-compatible, external       Constant light output     No       Mechanical and Housing     Housing material       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       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         Constant light output       No         Mechanical and Housing       Image: Compatible of the second	Controls and Dimming	
Constant light output     No       Mechanical and Housing       Housing material       Housing material       Aluminium       Reflector material       Optic material       Polycarbonate       Optical cover/lens material       Fixation material       Housing Colour       White RAL 9003       Optical cover/lens finish	Dimmable	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	Driver/power unit/transformer	Power supply unit DC-compatible, external
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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	(0.38, 0.38) 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 ℃	
Suitable for random switching	Yes	
Product Data		
Order product name	DN460B LED11S/840 PSE-E C WH GC	
Full product name	DN460B LED11S/840 PSE-E C WH GC	
Full EOC	871869624320600	
Order code	24320600	
Material no. (12 NC)	910500454949	
SAP numerator - quantity per pack	1	
	8718696243206	
EAN/UPC — Product/Case		
EAN/UPC — Product/Case Numerator – packs per outer box	1	

## Dimensional drawing



## GreenSpace



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