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.

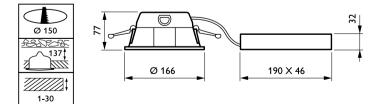
Product family code	DN460B [150mm]
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Luminous 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
Unified Glare Rating (CEN) 22 Operating and Electrical 220 to 240 V Line Frequency 50 to 60 Hz Inrush current 14 A Inrush current 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 +10 to +40 °C Controls and Dimming Power supply unit DC-compatible, external Dimmable No Driver/power unit/transformer Power supply unit DC-compatible, external Reflector material Aluminium Reflector material Aluminium Reflector material Glass Fixation material - Optical cover/lens finish Clear	Optic type	High-gloss mirror
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Input Voltage220 to 240 VLine Frequency50 to 60 HzInrush current14 AInrush current14 AInrush time0.24 msPower Consumption11 WPower Factor (Fraction)0.9ConnectionPush-in connector and pull reliefCable-Number of products on MCB of 16 A type30B-Temperature-Ambient temperature range+10 to +40 °CControls and Dimming-DimmableNoDriver/power unit/transformerPower supply unit DC-compatible, external NoConstant light outputNoMechanical and HousingAluminium PolycarbonateHousing materialAluminium and polycarbonateOptic materialGlassFixation material-Housing ColourWhite RAL 9003Optical cover/lens finishClear	Unified Glare Rating (CEN)	22
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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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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
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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



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