



GreenSpace

DN461B LED11S/840 PSE-E C WH CU3

150mm + anti-glare ring, LED Module, system flux 1100 lm, 840 neutral white, Power supply unit DC compatible, external, Connection unit 3-pole, White RAL 9003

GreenSpace is a perfect solution where customers want to strike the ideal balance between their initial investment and the cost of the installation during its lifetime while they are covering multiple applications. GreenSpace features the latest LED technology which enables extremely low power consumption. With its perfect fit you'll get the LED downlight that always fits and looks perfect at the same time. This perfect fit is available for cut out sizes from 150 to 280 mm. GreenSpace is designed for Circular Economy with optimized performance, extended lifetime through upgradability and integration options, ease of customization, recycling and disassembly. Housing and rim are made from production waste of polycarbonate sheets that are retrieved from swimming pools, car ports and illuminated advertising. And 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	1 unit
Gear	-
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen

	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Product family code	DN461B [150mm + anti-glare ring]
Lighting Technology	LED
Value ladder	Specification
CE mark	Yes
Warranty period	3 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	ENEC mark

Datasheet, 2023, September 4 data subject to change

GreenSpace

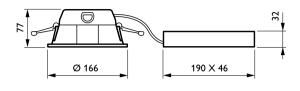
EU RoHS compliant Light Technical Luminous Flux Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom) Color rendering index (CRI) Number of light sources Beam angle of light source Light source color Optic type Luminaire light beam spread	Yes 1,200 lm 4000 K 113 lm/W 80 1 120 degree(s) 840 neutral white High-gloss mirror 66° 22
Luminous Flux Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom) Color rendering index (CRI) Number of light sources Beam angle of light source Light source color Optic type	4000 K 113 lm/W 80 1 120 degree(s) 840 neutral white High-gloss mirror 66°
Luminous Flux Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom) Color rendering index (CRI) Number of light sources Beam angle of light source Light source color Optic type	4000 K 113 lm/W 80 1 120 degree(s) 840 neutral white High-gloss mirror 66°
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Number of light sources Beam angle of light source Light source color Optic type	1 120 degree(s) 840 neutral white High-gloss mirror 66°
Beam angle of light source Light source color Optic type	120 degree(s) 840 neutral white High-gloss mirror 66°
Light source color Optic type	840 neutral white High-gloss mirror 66°
Optic type	High-gloss mirror
	66°
Luminaire light beam spread	
	22
Unified glare rating CEN	
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	10.6 W
Power Factor (Fraction)	0.9
Connection	Connection unit 3-pole
Cable	-
Number of products on MCB of 16 A type	30
В	
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	Aluminum
Reflector material	Polycarbonate aluminum coated
Optic material	Polycarbonate
Optical cover material	

Fixation material Housing Color Optical cover finish Overall height 77 mm Overall diameter 166 mm Approval and Application Ingress protection code Mech. impact protection code IlK02 [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) Lumen maintenance at median useful life 50000 h Lumen maintenance at median useful life* 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Suitable for random switching Yes Product Data Order product name DN461B LED11S/840 PSE-E C WH CU3 Full product code 910500456252 Material Nr. (12NC) 910500456252 Numerator - Quantity Per Pack I EAN/UPC - Product/Case 8718696246641 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696246641			
Optical cover finish Overall height 77 mm Overall diameter 166 mm Approval and Application Ingress protection code IP20 [Finger-protected] 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 life 50000 h Lumen maintenance at median useful life* 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq 25 °C Suitable for random switching Yes Product Data Order product name DN461B LED11S/840 PSE-E C WH CU3 Full product name DN461B LED11S/840 PSE-E C WH CU3 Full product code 871869624664100 Order code 910500456252 Material Nr. (12NC) 910500456252 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696246641 Numerator - Packs per outer box 1	Fixation material	-	
Overall diameter 166 mm Approval and Application Ingress protection code IP20 [Finger-protected] Mech. impact protection code IKO2 [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 life 50000 h Lumen maintenance at median useful life* 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq 25 °C Suitable for random switching Yes Product Data Order product name DN461B LED11S/840 PSE-E C WH CU3 Full product name DN461B LED11S/840 PSE-E C WH CU3 Full product code 871869624664100 Order code 910500456252 Material Nr. (12NC) 910500456252 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696246641 Numerator - Packs per outer box 1	Housing Color	White RAL 9003	
Approval and Application Ingress protection code	Optical cover finish	-	
Approval and Application Ingress protection code IP20 [Finger-protected] 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 Life 50000 h Lumen maintenance at median useful Life* 100000 h Application Conditions Performance ambient temperature Tq 25 °C Suitable for random switching Yes Product Data Order product name DN461B LED11S/840 PSE-E C WH CU3 Full product code 871869624664100 Order code 910500456252 Material Nr. (12NC) 910500456252 Numerator - Quantity Per Pack EAN/UPC - Product/Case 8718696246641 Numerator - Packs per outer box 1	Overall height	77 mm	
Ingress protection code IP20 [Finger-protected] Mech. impact protection code IKO2 [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 life 50000 h Lumen maintenance at median useful L90 Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq 25 °C Suitable for random switching Yes Product Data Order product name DN461B LED11S/840 PSE-E C WH CU3 Full product name DN461B LED11S/840 PSE-E C WH CU3 Full product code 910500456252 Material Nr. (12NC) 910500456252 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 87186962466410 Numerator - Packs per outer box 1	Overall diameter	166 mm	
Ingress protection code IP20 [Finger-protected] 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 life 50000 h Lumen maintenance at median useful L90 Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq 25 °C Suitable for random switching Yes Product Data Order product name DN461B LED11S/840 PSE-E C WH CU3 Full product name DN461B LED11S/840 PSE-E C WH CU3 Full product code 910500456252 Material Nr. (12NC) 910500456252 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 87186962466410 Numerator - Packs per outer box 1			
Mech. impact protection code IKO2 [0.2 J standard]	Approval and Application		
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 15% Iife 50000 h Lumen maintenance at median useful 16e* 50000 h Lumen maintenance at median useful 16e* 100000 h Application Conditions Performance ambient temperature Tq 25 °C Suitable for random switching Yes Product Data Order product name DN461B LED11S/840 PSE-E C WH CU3 Full product name DN461B LED11S/840 PSE-E C WH CU3 Full product code 871869624664100 Order code 910500456252 Material Nr. (12NC) 910500456252 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696246641 Numerator - Packs per outer box 1	Ingress protection code	IP20 [Finger-protected]	
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 50000 h Lumen maintenance at median useful L90 life* 50000 h Lumen maintenance at median useful L80 Life* 100000 h Application Conditions Performance ambient temperature Tq 25 °C Suitable for random switching Yes Product Data Order product name DN461B LED11S/840 PSE-E C WH CU3 Full product name DN461B LED11S/840 PSE-E C WH CU3 Full product code 871869624664100 Order code 910500456252 Material Nr. (12NC) 910500456252 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696246641 Numerator - Packs per outer box 1	Mech. impact protection code	IK02 [0.2 J standard]	
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 life 50000 h Lumen maintenance at median useful L90 Lumen maintenance at median useful life* 100000 h Lumen maintenance at median useful L80 Application Conditions Performance ambient temperature Tq 25 °C Suitable for random switching Yes Product Data Order product name DN461B LED11S/840 PSE-E C WH CU3 Full product code 871869624664100 Order code 910500456252 Material Nr. (12NC) 910500456252 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696246641 Numerator - Packs per outer box 1	Protection class IEC	Safety class II	
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Power consumption tolerance +/-5% Over Time Performance (IEC Compliant) Control gear failure rate at median useful 5% life 50000 h Lumen maintenance at median useful L90 life* 50000 h Lumen maintenance at median useful L80 life* 100000 h Application Conditions Performance ambient temperature Tq 25 °C Suitable for random switching Yes Product Data Order product name DN461B LED11S/840 PSE-E C WH CU3 Full product code 871869624664100 Order code 910500456252 Material Nr. (12NC) 910500456252 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696246641 Numerator - Packs per outer box 1	Luminous flux tolerance	+/-10%	
Over Time Performance (IEC Compliant) Control gear failure rate at median useful 15% life 50000 h Lumen maintenance at median useful 190 life* 50000 h Lumen maintenance at median useful 180 life* 100000 h Application Conditions Performance ambient temperature Tq 25 °C Suitable for random switching Yes Product Data Order product name 10N461B LED115/840 PSE-E C WH CU3 Full product code 1910500456252 Material Nr. (12NC) 1910500456252 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696246641 Numerator - Packs per outer box 1	Initial chromaticity	(0.38, 0.38) SDCM<3	
Control gear failure rate at median useful life 50000 h Lumen maintenance at median useful life* 50000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq 25 °C Suitable for random switching Yes Product Data Order product name DN461B LED11S/840 PSE-E C WH CU3 Full product name DN461B LED11S/840 PSE-E C WH CU3 Full product code 871869624664100 Order code 910500456252 Material Nr. (12NC) 910500456252 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696246641 Numerator - Packs per outer box 1	Power consumption tolerance	+/-5%	
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Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq 25 °C Suitable for random switching Yes Product Data Order product name DN461B LED11S/840 PSE-E C WH CU3 Full product name DN461B LED11S/840 PSE-E C WH CU3 Full product code 871869624664100 Order code 910500456252 Material Nr. (12NC) 910500456252 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696246641 Numerator - Packs per outer box 1	Lumen maintenance at median useful	L90	
Life* 100000 h Application Conditions Performance ambient temperature Tq 25 °C Suitable for random switching Yes Product Data Order product name DN461B LED11S/840 PSE-E C WH CU3 Full product name DN461B LED11S/840 PSE-E C WH CU3 Full product code 871869624664100 Order code 910500456252 Material Nr. (12NC) 910500456252 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696246641 Numerator - Packs per outer box 1	life* 50000 h		
Application Conditions Performance ambient temperature Tq 25 °C Suitable for random switching Yes Product Data Order product name DN461B LED11S/840 PSE-E C WH CU3 Full product name DN461B LED11S/840 PSE-E C WH CU3 Full product code 871869624664100 Order code 910500456252 Material Nr. (12NC) 910500456252 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696246641 Numerator - Packs per outer box 1	Lumen maintenance at median useful	L80	
Performance ambient temperature Tq 25 °C Suitable for random switching Yes Product Data Order product name DN461B LED11S/840 PSE-E C WH CU3 Full product name DN461B LED11S/840 PSE-E C WH CU3 Full product code 871869624664100 Order code 910500456252 Material Nr. (12NC) 910500456252 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696246641 Numerator - Packs per outer box 1	life* 100000 h		
Performance ambient temperature Tq 25 °C Suitable for random switching Yes Product Data Order product name DN461B LED11S/840 PSE-E C WH CU3 Full product name DN461B LED11S/840 PSE-E C WH CU3 Full product code 871869624664100 Order code 910500456252 Material Nr. (12NC) 910500456252 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696246641 Numerator - Packs per outer box 1			
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Order product name DN461B LED11S/840 PSE-E C WH CU3 Full product name DN461B LED11S/840 PSE-E C WH CU3 Full product code 871869624664100 Order code 910500456252 Material Nr. (12NC) 910500456252 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696246641 Numerator - Packs per outer box 1	Suitable for random switching	Yes	
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Numerator - Packs per outer box 1	Numerator - Quantity Per Pack	1	
	EAN/UPC - Product/Case	8718696246641	
EAN/UPC - Case 8718696246641		1	
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Dimensional drawing







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