



GreenSpace 2 – high-efficiency sustainable LED solution

GreenSpace

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 color performance and high color rendering. The product's long lifetime makes it a true 'fit and forget' solution.

Benefits

- High system efficacy: > 80 lm/W (mini, DN460B/DN461B); > 100 lm/W (compact, DN470B/DN471B)
- High system efficacy: > 80 lm/W (mini, DN460B/DN461B); > 100 lm/W (compact, DN470B/DN471B)
- Up to 70% energy saving: total cost of ownership recovered in less than 2 years
- Up to 70% energy saving: total cost of ownership recovered in less than 2 years
- Office lighting norm-compliant, with stable color performance and high color rendering
- Office lighting norm-compliant, with stable color performance and high color rendering

Features

- Energy-efficient, durable LED technology
- Energy-efficient, durable LED technology
- High system efficacy: > 80 lm/W (mini, DN460B/DN461B); > 100 lm/W (compact, DN470B/DN471B)
- High system efficacy: > 80 lm/W (mini, DN460B/DN461B); > 100 lm/W (compact, DN470B/DN471B)
- Stable color performance and high color rendering
- Stable color performance and high color rendering
- Available with IP44 or emergency lighting
- Available with IP44 or emergency lighting
- Available in UGR22 and UGR19 versions
- Available in UGR22 and UGR19 versions

Application

- Offices
- Offices
- Retail
- Retail
- Hotels and hospitals
- Hotels and hospitals

Versions

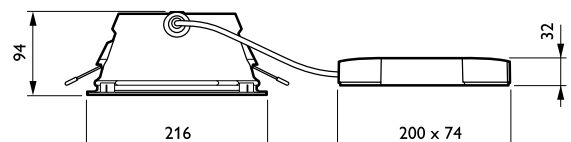
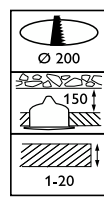
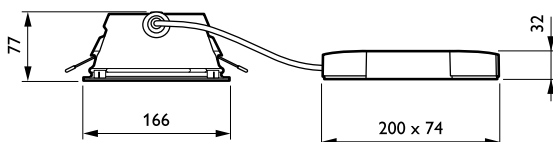
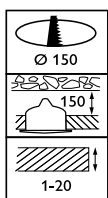


Greenspace EU gen 2-DN472B



Greenspace Mini DN462B with
Polycarbonate Cover Opal

Dimensional drawing



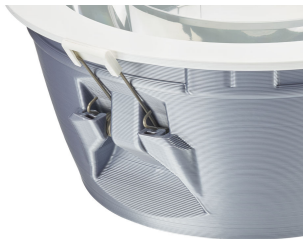
Product details



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Greenspace_EU_gen_2-DN463B-DPP.TIF

General Information	
Driver included	Yes
Gear	-
Light source replaceable	No
Number of gear units	1 unit
Service tag	Yes
Light Technical	
Beam angle of light source	- degree(s)
Color rendering index (CRI)	>80
Optic type	-
Operating and Electrical	
Protection class IEC	Safety class II
Line Frequency	50 to 60 Hz
Suitable for random switching	Yes
Mechanical and Housing	
Optical cover type	-
Housing Color	White
Mech. impact protection code	IK02
Emergency Operation	
Central Emergency	No
Approval and Application	
CE mark	Yes
Flammability mark	-
Glow-wire test	Temperature 750 °C, duration 30 s
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

General Information

Order Code	Full Product Name	Lamp family code
912500100066	DN463B LED11S/830 PSU-E C WH PCC P	LED11S
912500100067	DN463B LED11S/840 PSU-E C WH PCC P	LED11S
912500100518	DN461B LED11S/830 PSU-E C WH P	LED11S
912500100519	DN461B LED11S/840 PSU-E C WH P	LED11S
912500100074	DN473B LED20S/830 PSU-E C WH PCC P	LED20S
912500100075	DN473B LED20S/840 PSU-E C WH PCC P	LED20S
912500100526	DN471B LED20S/830 PSU-E C WH P	LED20S
912500100527	DN471B LED20S/840 PSU-E C WH P	LED20S
912500101314	DN471B LED30S/830 PSU-E C WH P	-
912500101315	DN471B LED30S/840 PSU-E C WH P	-
910505102113	DN472B LED20S/840 DIA-VLC-E C WH PCC P	20S
912500100523	DN470B LED20S/840 PSU-E C WH P	LED20S
912500101307	DN470B LED30S/840 PSU-E C WH P	-
912500100530	DN462B LED11S/830 PSU-E C WH PCO P	LED11S
912500100531	DN462B LED11S/840 PSU-E C WH PCO P	LED11S

Light Technical (1/2)

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux	Number of light sources
912500100066	DN463B LED11S/830 PSU-E C WH PCC P	3000 K	120 lm/W	1,000 lm	1
912500100067	DN463B LED11S/840 PSU-E C WH PCC P	4000 K	124 lm/W	1,000 lm	1
912500100518	DN461B LED11S/830 PSU-E C WH P	3000 K	130 lm/W	1,050 lm	1

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux	Number of light sources
912500100519	DN461B LED11S/840 PSU-E C WH P	4000 K	134 lm/W	1,100 lm	1
912500100074	DN473B LED20S/830 PSU-E C WH PCC P	3000 K	130 lm/W	1,750 lm	1
912500100075	DN473B LED20S/840 PSU-E C WH PCC P	4000 K	134 lm/W	1,800 lm	1

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux	Number of light sources
912500100526	DN471B LED20S/830 PSU-E C WH P	3000 K	137 lm/W	1,800 lm	1
912500100527	DN471B LED20S/840 PSU-E C WH P	4000 K	141 lm/W	1,850 lm	1
912500101314	DN471B LED30S/830 PSU-E C WH P	3000 K	131 lm/W	2,700 lm	-
912500101315	DN471B LED30S/840 PSU-E C WH P	4000 K	135 lm/W	2,800 lm	-
910505102113	DN472B LED20S/840	4000 K	136 lm/W	1,850 lm	-

Light Technical (2/2)

Order Code	Full Product Name	Upward light output ratio
912500100066	DN463B LED11S/830 PSU-E C WH PCC P	-
912500100067	DN463B LED11S/840 PSU-E C WH PCC P	-
912500100518	DN461B LED11S/830 PSU-E C WH P	-
912500100519	DN461B LED11S/840 PSU-E C WH P	-
912500100074	DN473B LED20S/830 PSU-E C WH PCC P	-
912500100075	DN473B LED20S/840 PSU-E C WH PCC P	-
912500100526	DN471B LED20S/830 PSU-E C WH P	-
912500100527	DN471B LED20S/840 PSU-E C WH P	-

Operating and Electrical

Order Code	Full Product Name	Power	
		Input Voltage	Consumption
912500100066	DN463B LED11S/830 PSU-E C WH PCC P	220 to 240 V	8.2 W
912500100067	DN463B LED11S/840 PSU-E C WH PCC P	220 to 240 V	8.2 W
912500100518	DN461B LED11S/830 PSU-E C WH P	220-240 V	8.2 W
912500100519	DN461B LED11S/840 PSU-E C WH P	220-240 V	8.2 W
912500100074	DN473B LED20S/830 PSU-E C WH PCC P	220 to 240 V	13.3 W
912500100075	DN473B LED20S/840 PSU-E C WH PCC P	220 to 240 V	13.3 W
912500100526	DN471B LED20S/830 PSU-E C WH P	220-240 V	13.3 W
912500100527	DN471B LED20S/840 PSU-E C WH P	220-240 V	13.3 W

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux	Number of light sources
	DIA-VLC-E C WH PCC P				
912500100523	DN470B LED20S/840 PSU-E C WH P	4000 K	147 lm/W	1,950 lm	1
912500101307	DN470B LED30S/840 PSU-E C WH P	4000 K	141 lm/W	2,900 lm	-
912500100530	DN462B LED11S/830 PSU-E C WH PCO P	3000 K	119 lm/W	980 lm	1
912500100531	DN462B LED11S/840 PSU-E C WH PCO P	4000 K	122 lm/W	1,000 lm	1

Order Code	Full Product Name	Upward light output ratio
912500101314	DN471B LED30S/830 PSU-E C WH P	-
912500101315	DN471B LED30S/840 PSU-E C WH P	-
910505102113	DN472B LED20S/840 DIA-VLC-E C WH PCC P	0
912500100523	DN470B LED20S/840 PSU-E C WH P	-
912500101307	DN470B LED30S/840 PSU-E C WH P	-
912500100530	DN462B LED11S/830 PSU-E C WH PCO P	-
912500100531	DN462B LED11S/840 PSU-E C WH PCO P	-

Order Code	Full Product Name	Power	
		Input Voltage	Consumption
912500101314	DN471B LED30S/830 PSU-E C WH P	220-240 V	20.9 W
912500101315	DN471B LED30S/840 PSU-E C WH P	220-240 V	20.9 W
910505102113	DN472B LED20S/840 DIA-VLC-E C WH PCC P	220-240 V	13.7 W
912500100523	DN470B LED20S/840 PSU-E C WH P	220-240 V	13.3 W
912500101307	DN470B LED30S/840 PSU-E C WH P	220-240 V	20.9 W
912500100530	DN462B LED11S/830 PSU-E C WH PCO P	220-240 V	8.2 W
912500100531	DN462B LED11S/840 PSU-E C WH PCO P	220-240 V	8.2 W

Controls and Dimming

Order Code	Full Product Name	Maximum dim	
		Dimmable	level
912500100066	DN463B LED11S/830 PSU-E C WH PCC P	No	Not applicable
912500100067	DN463B LED11S/840 PSU-E C WH PCC P	No	Not applicable
912500100518	DN461B LED11S/830 PSU-E C WH P	No	Not applicable
912500100519	DN461B LED11S/840 PSU-E C WH P	No	Not applicable
912500100074	DN473B LED20S/830 PSU-E C WH PCC P	No	Not applicable
912500100075	DN473B LED20S/840 PSU-E C WH PCC P	No	Not applicable
912500100526	DN471B LED20S/830 PSU-E C WH P	No	Not applicable

Order Code	Full Product Name	Maximum dim	
		Dimmable	level
912500100527	DN471B LED20S/840 PSU-E C WH P	No	Not applicable
912500101314	DN471B LED30S/830 PSU-E C WH P	No	Not applicable
912500101315	DN471B LED30S/840 PSU-E C WH P	No	Not applicable
910505102113	DN472B LED20S/840 DIA-VLC-E C WH PCC P	Yes	1%
912500100523	DN470B LED20S/840 PSU-E C WH P	No	Not applicable
912500101307	DN470B LED30S/840 PSU-E C WH P	No	Not applicable
912500100530	DN462B LED11S/830 PSU-E C WH PCO P	No	Not applicable
912500100531	DN462B LED11S/840 PSU-E C WH PCO P	No	Not applicable

Mechanical and Housing

Order Code	Full Product Name	Ingress protection code
912500100066	DN463B LED11S/830 PSU-E C WH PCC P	IP20/54
912500100067	DN463B LED11S/840 PSU-E C WH PCC P	IP20/54
912500100518	DN461B LED11S/830 PSU-E C WH P	IP20
912500100519	DN461B LED11S/840 PSU-E C WH P	IP20
912500100074	DN473B LED20S/830 PSU-E C WH PCC P	IP20/54
912500100075	DN473B LED20S/840 PSU-E C WH PCC P	IP20/54
912500100526	DN471B LED20S/830 PSU-E C WH P	IP20
912500100527	DN471B LED20S/840 PSU-E C WH P	IP20

Order Code	Full Product Name	Ingress protection code
912500101314	DN471B LED30S/830 PSU-E C WH P	IP20
912500101315	DN471B LED30S/840 PSU-E C WH P	IP20
910505102113	DN472B LED20S/840 DIA-VLC-E C WH PCC P	IP20/54
912500100523	DN470B LED20S/840 PSU-E C WH P	IP20
912500101307	DN470B LED30S/840 PSU-E C WH P	IP20
912500100530	DN462B LED11S/830 PSU-E C WH PCO P	IP20/54
912500100531	DN462B LED11S/840 PSU-E C WH PCO P	IP20/54

Approval and Application

Order Code	Full Product Name	Ambient temperature	ENEC
		range	mark
912500100066	DN463B LED11S/830 PSU-E C WH PCC P	-15 to +40 °C	ENEC mark
912500100067	DN463B LED11S/840 PSU-E C WH PCC P	-15 to +40 °C	ENEC mark
912500100518	DN461B LED11S/830 PSU-E C WH P	+10 to +40 °C	ENEC mark
912500100519	DN461B LED11S/840 PSU-E C WH P	+10 to +40 °C	ENEC mark
912500100074	DN473B LED20S/830 PSU-E C WH PCC P	-15 to +40 °C	ENEC mark
912500100075	DN473B LED20S/840 PSU-E C WH PCC P	-15 to +40 °C	ENEC mark
912500100526	DN471B LED20S/830 PSU-E C WH P	+10 to +40 °C	ENEC mark
912500100527	DN471B LED20S/840 PSU-E C WH P	+10 to +40 °C	ENEC mark

Order Code	Full Product Name	Ambient temperature	ENEC
		range	mark
912500101314	DN471B LED30S/830 PSU-E C WH P	+10 to +40 °C	-
912500101315	DN471B LED30S/840 PSU-E C WH P	+10 to +40 °C	-
910505102113	DN472B LED20S/840 DIA-VLC-E C WH PCC P	-15 to +40 °C	ENEC mark
912500100523	DN470B LED20S/840 PSU-E C WH P	+10 to +40 °C	ENEC mark
912500101307	DN470B LED30S/840 PSU-E C WH P	+10 to +40 °C	-
912500100530	DN462B LED11S/830 PSU-E C WH PCO P	-15 to +40 °C	ENEC mark
912500100531	DN462B LED11S/840 PSU-E C WH PCO P	-15 to +40 °C	ENEC mark

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
912500100066	DN463B LED11S/830 PSU-E C WH PCC P	(0.44, 0.40) SDCM<3

Order Code	Full Product Name	Initial chromaticity
912500100067	DN463B LED11S/840 PSU-E C WH PCC P	(0.38, 0.38) SDCM<3

Order Code	Full Product Name	Initial chromaticity
912500100518	DN461B LED11S/830 PSU-E C WH P	(0.43, 0.40) SDCM<3
912500100519	DN461B LED11S/840 PSU-E C WH P	(0.38, 0.38) SDCM<3
912500100074	DN473B LED20S/830 PSU-E C WH PCC P	(0.44, 0.40) SDCM<3
912500100075	DN473B LED20S/840 PSU-E C WH PCC P	(0.38, 0.38) SDCM<3
912500100526	DN471B LED20S/830 PSU-E C WH P	(0.43, 0.40) SDCM<3
912500100527	DN471B LED20S/840 PSU-E C WH P	(0.38, 0.38) SDCM<3
912500101314	DN471B LED30S/830 PSU-E C WH P	(0.43, 0.40) SDCM<3

Order Code	Full Product Name	Initial chromaticity
912500101315	DN471B LED30S/840 PSU-E C WH P	(0.38, 0.38) SDCM<3
910505102113	DN472B LED20S/840 DIA-VLC-E C WH PCC P	(0.38, 0.38) SDCM<3
912500100523	DN470B LED20S/840 PSU-E C WH P	(0.38, 0.38) SDCM<3
912500101307	DN470B LED30S/840 PSU-E C WH P	(0.38, 0.38) SDCM<3
912500100530	DN462B LED11S/830 PSU-E C WH PCO P	(0.43, 0.40) SDCM<3
912500100531	DN462B LED11S/840 PSU-E C WH PCO P	(0.38, 0.38) SDCM<3

Over Time Performance (IEC Compliant)

Order Code	Full Product Name	Driver failure rate at 5000 h
912500100066	DN463B LED11S/830 PSU-E C WH PCC P	1 %
912500100067	DN463B LED11S/840 PSU-E C WH PCC P	1 %
912500100518	DN461B LED11S/830 PSU-E C WH P	1 %
912500100519	DN461B LED11S/840 PSU-E C WH P	1 %
912500100074	DN473B LED20S/830 PSU-E C WH PCC P	1 %
912500100075	DN473B LED20S/840 PSU-E C WH PCC P	1 %
912500100526	DN471B LED20S/830 PSU-E C WH P	1 %
912500100527	DN471B LED20S/840 PSU-E C WH P	1 %

Order Code	Full Product Name	Driver failure rate at 5000 h
912500101314	DN471B LED30S/830 PSU-E C WH P	1 %
912500101315	DN471B LED30S/840 PSU-E C WH P	1 %
910505102113	DN472B LED20S/840 DIA-VLC-E C WH PCC P	-
912500100523	DN470B LED20S/840 PSU-E C WH P	1 %
912500101307	DN470B LED30S/840 PSU-E C WH P	1 %
912500100530	DN462B LED11S/830 PSU-E C WH PCO P	1 %
912500100531	DN462B LED11S/840 PSU-E C WH PCO P	1 %

Product Data

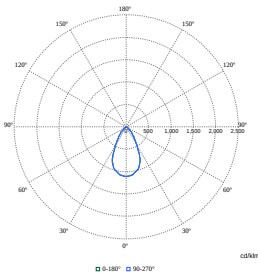
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912500100067	DN463B LED11S/840 PSU-E C WH PCC P	DN463B
912500100518	DN461B LED11S/830 PSU-E C WH P	DN461B
912500100519	DN461B LED11S/840 PSU-E C WH P	DN461B
912500100074	DN473B LED20S/830 PSU-E C WH PCC P	DN473B
912500100075	DN473B LED20S/840 PSU-E C WH PCC P	DN473B
912500100526	DN471B LED20S/830 PSU-E C WH P	DN471B
912500100527	DN471B LED20S/840 PSU-E C WH P	DN471B

Order Code	Full Product Name	Product family code
912500101314	DN471B LED30S/830 PSU-E C WH P	DN471B
912500101315	DN471B LED30S/840 PSU-E C WH P	DN471B
910505102113	DN472B LED20S/840 DIA-VLC-E C WH PCC P	DN472B
912500100523	DN470B LED20S/840 PSU-E C WH P	DN470B
912500101307	DN470B LED30S/840 PSU-E C WH P	DN470B
912500100530	DN462B LED11S/830 PSU-E C WH PCO P	DN462B
912500100531	DN462B LED11S/840 PSU-E C WH PCO P	DN462B

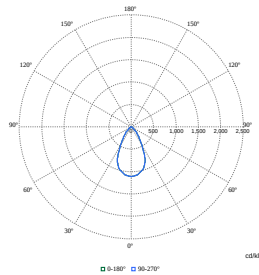
Polar Wide Diagrams



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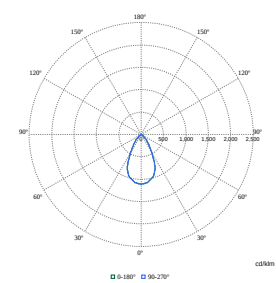


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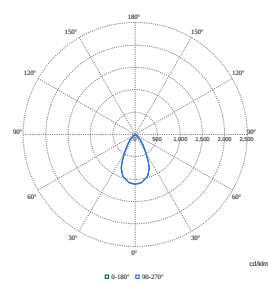


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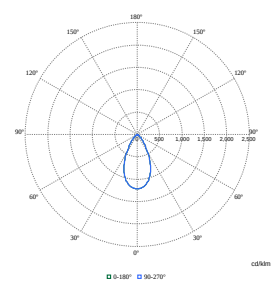
Polar Wide Diagrams



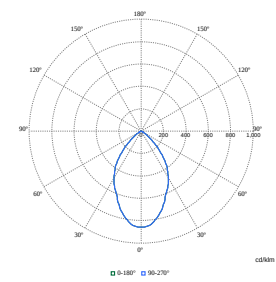
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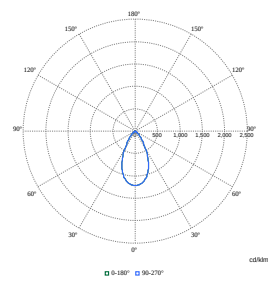
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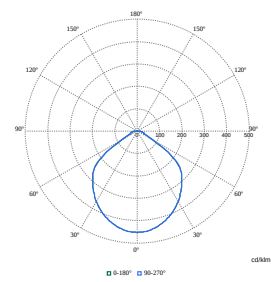
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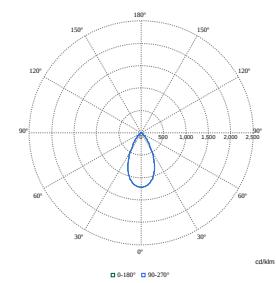
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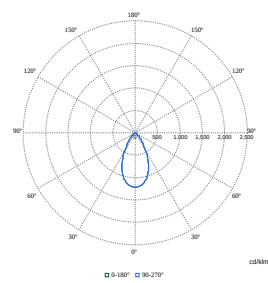
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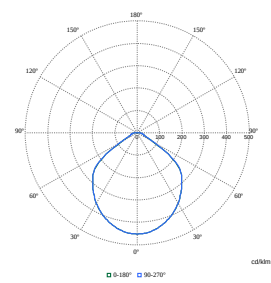
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Polar Normal (separate) - DN460BN - 912500100526

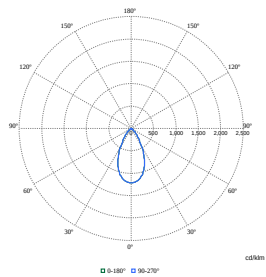


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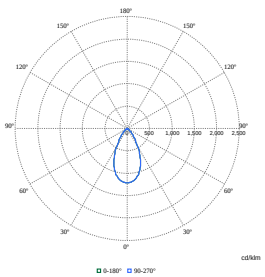


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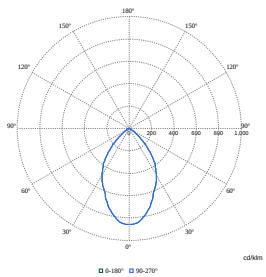
Polar Wide Diagrams



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Polar Normal (separate) - DN460BN - 912500101314



Polar Normal (separate) - DN460BN - 912500101307

