



GreenSpace – High efficiency with custom sizes (150mm–280mm) available, made with >55% recycled material

GreenSpace

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 150mm to 280mm which is the ideal solution for your renovation project. It saves the hassle, avoids time consuming and costly adaptor rings. 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 with at least 55% recycled or mass-balanced bio-circular material, making it a conscious choice for those that want to contribute to a circular economy. GreenSpace can be connected to wireless systems to create a smart office lighting solution with optional integrated sensors as well.

Benefits

- Low return of investment years due to high efficiency and long lifetime
- Wide range of mounting options to fit different ceiling types
- The perfect fit for retrofit projects, possibility to create custom sizes
- Avoids time consuming and costly adaptor rings and get the downlight that always fits
- Office-compliant, with stable colour performance and wide light distribution
- Clean & beautiful ceilings with integrated sensing options for daylight control and presence detection

Features

- Mini (DN460B) and compact (DN470B) sizes for recessed
- Surface mounted, track and pendant versions available (DRUM)
- Customised cut-out sizes between 150 mm-280 mm: in total 28 sizes available
- UGR19 version with anti-glare ring
- Available in 700-4000 lumen to cover applications with higher ceilings
- Selection of colors: White, silver and black as standard
- IP54 version with a front cover and emergency lighting option available
- Configurable with many driver types such as DALI, POE and wireless with InterAct ready
- Fast installation due to variety of connections and cables
- Printed parts with at least 55% recycled or mass balanced bio-circular material

Application

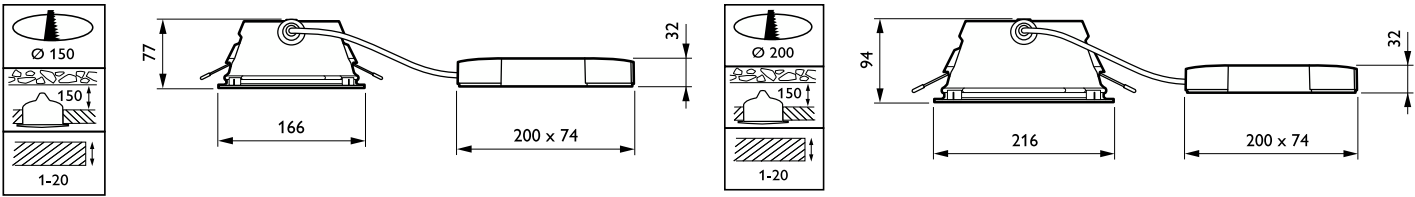
- Offices
- Retail
- Hospitals and care centres
- Hospitality

Versions



Greenspace EU gen 2-DN473B

Dimensional drawing



General Information	
Driver included	Yes
Gear	-
Light source replaceable	No
Number of gear units	Unit
Service Tag	Yes
Light Technical	
Colour rendering index (CRI)	>80
Optic type	-
Operating and Electrical	
Protection class IEC	Safety class II
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Suitable for random switching	Yes
Mechanical and Housing	
Optical cover type	-
Housing Colour	White
Mech. impact protection code	IK02
Emergency Operation	
Central Emergency	No
Approval and Application	
CE mark	Yes
Flammability mark	-
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

General Information

Order Code	Full Product Name	Lamp family code
910505102106	DN471B LED20S/840 DIA-VLC-E C WH P	20S
910505102110	DN471B LED30S/840 DIA-VLC-E C WH P	30S
912500100527	DN471B LED20S/840 PSU-E C WH P	LED20S
910505102113	DN472B LED20S/840 DIA-VLC-E C WH PCC P	20S
910505102271	DN470B LED20S/830 PSD-E C WH P	20S
912500100522	DN470B LED20S/830 PSU-E C WH P	LED20S
912500100523	DN470B LED20S/840 PSU-E C WH P	LED20S
912500100547	DN470B LED20S/840 PSU-E C ELP3 WH P	LED20S
912500101307	DN470B LED30S/840 PSU-E C WH P	-
910505102035	DN460B LED11S/840 DIA-VLC-E C WH P	11S
910505102074	DN462B LED11S/840 DIA-VLC-E C WH PCC P	11S
912500100515	DN460B LED11S/840 PSU-E C WH P	LED11S

Light Technical (1/2)

Order Code	Full Product Name	Beam angle of light source	Correlated Colour Temperature (Nom)	Luminous efficacy (rated) (nom.)	Luminous Flux
910505102106	DN471B LED20S/840 DIA-VLC-E C WH P	- degree(s)	4000 K	136 lm/W	1,850 lm
910505102110	DN471B LED30S/840 DIA-VLC-E C WH P	- degree(s)	4000 K	134 lm/W	2,800 lm
912500100527	DN471B LED20S/840 PSU-E C WH P	- degree(s)	4000 K	141 lm/W	1,850 lm
910505102113	DN472B LED20S/840 DIA-VLC-E C WH PCC P	- degree(s)	4000 K	136 lm/W	1,850 lm
910505102271	DN470B LED20S/830 PSD-E C WH P	-	3000 K	142 lm/W	1,900 lm
912500100522	DN470B LED20S/830 PSU-E C WH P	- degree(s)	3000 K	143 lm/W	1,900 lm

Order Code	Full Product Name	Beam angle of light source	Correlated Colour Temperature (Nom)	Luminous efficacy (rated) (nom.)	Luminous Flux
912500100523	DN470B LED20S/840 PSU-E C WH P	- degree(s)	4000 K	147 lm/W	1,950 lm
912500100547	DN470B LED20S/840 PSU-E C ELP3 WH P	- degree(s)	4000 K	147 lm/W	1,950 lm
912500101307	DN470B LED30S/840 PSU-E C WH P	- degree(s)	4000 K	141 lm/W	2,900 lm
910505102035	DN460B LED11S/840 DIA-VLC-E C WH P	- degree(s)	4000 K	132 lm/W	1,150 lm
910505102074	DN462B LED11S/840 DIA-VLC-E C WH PCC P	- degree(s)	4000 K	126 lm/W	1,100 lm
912500100515	DN460B LED11S/840 PSU-E C WH P	- degree(s)	4000 K	137 lm/W	1,150 lm

Light Technical (2/2)

Order Code	Full Product Name	Number of light sources	Upwards light output ratio
910505102106	DN471B LED20S/840 DIA-VLC-E C WH P	-	0
910505102110	DN471B LED30S/840 DIA-VLC-E C WH P	-	0
912500100527	DN471B LED20S/840 PSU-E C WH P	1	-
910505102113	DN472B LED20S/840 DIA-VLC-E C WH PCC P	-	0
910505102271	DN470B LED20S/830 PSD-E C WH P	-	0
912500100522	DN470B LED20S/830 PSU-E C WH P	1	-
912500100523	DN470B LED20S/840 PSU-E C WH P	1	-

Order Code	Full Product Name	Number of light sources	Upwards light output ratio
912500100547	DN470B LED20S/840 PSU-E C ELP3 WH P	1	-
912500101307	DN470B LED30S/840 PSU-E C WH P	-	-
910505102035	DN460B LED11S/840 DIA-VLC-E C WH P	-	0
910505102074	DN462B LED11S/840 DIA-VLC-E C WH PCC P	-	0
912500100515	DN460B LED11S/840 PSU-E C WH P	1	-

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910505102106	DN471B LED20S/840 DIA-VLC-E C WH P	13.7 W
910505102110	DN471B LED30S/840 DIA-VLC-E C WH P	20.9 W
912500100527	DN471B LED20S/840 PSU-E C WH P	13.3 W
910505102113	DN472B LED20S/840 DIA-VLC-E C WH PCC P	13.7 W
910505102271	DN470B LED20S/830 PSD-E C WH P	13.5 W
912500100522	DN470B LED20S/830 PSU-E C WH P	13.3 W

Order Code	Full Product Name	Power Consumption
912500100523	DN470B LED20S/840 PSU-E C WH P	13.3 W
912500100547	DN470B LED20S/840 PSU-E C ELP3 WH P	13.3 W
912500101307	DN470B LED30S/840 PSU-E C WH P	20.9 W
910505102035	DN460B LED11S/840 DIA-VLC-E C WH P	8.6 W
910505102074	DN462B LED11S/840 DIA-VLC-E C WH PCC P	8.6 W
912500100515	DN460B LED11S/840 PSU-E C WH P	8.2 W

Controls and Dimming

Order Code	Full Product Name	Maximum dim	
		Dimmable	level
910505102106	DN471B LED20S/840 DIA-VLC-E C WH P	Yes	1%
910505102110	DN471B LED30S/840 DIA-VLC-E C WH P	Yes	1%
912500100527	DN471B LED20S/840 PSU-E C WH P	No	Not applicable
910505102113	DN472B LED20S/840 DIA-VLC-E C WH PCC P	Yes	1%
910505102271	DN470B LED20S/830 PSD-E C WH P	Yes	1%
912500100522	DN470B LED20S/830 PSU-E C WH P	No	Not applicable
912500100523	DN470B LED20S/840 PSU-E C WH P	No	Not applicable

Mechanical and Housing

Order Code	Full Product Name	Ingress protection code
910505102106	DN471B LED20S/840 DIA-VLC-E C WH P	IP20
910505102110	DN471B LED30S/840 DIA-VLC-E C WH P	IP20
912500100527	DN471B LED20S/840 PSU-E C WH P	IP20
910505102113	DN472B LED20S/840 DIA-VLC-E C WH PCC P	IP20/54
910505102271	DN470B LED20S/830 PSD-E C WH P	IP20
912500100522	DN470B LED20S/830 PSU-E C WH P	IP20

Emergency Operation

Order Code	Full Product Name	Rated duration of the emergency lighting (when fully charged)	
		Emergency lighting	
910505102106	DN471B LED20S/840 DIA-VLC-E C WH P	-	-
910505102110	DN471B LED30S/840 DIA-VLC-E C WH P	-	-
912500100527	DN471B LED20S/840 PSU-E C WH P	-	-
910505102113	DN472B LED20S/840 DIA-VLC-E C WH PCC P	-	-
910505102271	DN470B LED20S/830 PSD-E C WH P	-	-
912500100522	DN470B LED20S/830 PSU-E C WH P	-	-
912500100523	DN470B LED20S/840 PSU-E C WH P	-	-

Approval and Application

Order Code	Full Product Name	Ambient temperature range				Stroboscopic effect
		temperature range	ENEC mark	Glow-wire test		
910505102106	DN471B LED20S/840 DIA-VLC-E C WH P	+10 to +40 °C	ENEC mark	Temperature 750 °C, duration 30 s	-	

Order Code	Full Product Name	Maximum dim	
		Dimmable	level
912500100547	DN470B LED20S/840 PSU-E C ELP3 WH P	No	Not applicable
912500101307	DN470B LED30S/840 PSU-E C WH P	No	Not applicable
910505102035	DN460B LED11S/840 DIA-VLC-E C WH P	Yes	1%
910505102074	DN462B LED11S/840 DIA-VLC-E C WH PCC P	Yes	1%
912500100515	DN460B LED11S/840 PSU-E C WH P	No	Not applicable

Order Code	Full Product Name	Ingress protection code
912500100523	DN470B LED20S/840 PSU-E C WH P	IP20
912500100547	DN470B LED20S/840 PSU-E C ELP3 WH P	IP20
912500101307	DN470B LED30S/840 PSU-E C WH P	IP20
910505102035	DN460B LED11S/840 DIA-VLC-E C WH P	IP20
910505102074	DN462B LED11S/840 DIA-VLC-E C WH PCC P	IP20/54
912500100515	DN460B LED11S/840 PSU-E C WH P	IP20

Order Code	Full Product Name	Rated duration of the emergency lighting (when fully charged)	
		Emergency lighting	
912500100547	DN470B LED20S/840 PSU-E C ELP3 WH P	Emergency lighting 3-hour duration Pro version	3 h
912500101307	DN470B LED30S/840 PSU-E C WH P	-	-
910505102035	DN460B LED11S/840 DIA-VLC-E C WH P	-	-
910505102074	DN462B LED11S/840 DIA-VLC-E C WH PCC P	-	-
912500100515	DN460B LED11S/840 PSU-E C WH P	-	-

Order Code	Full Product Name	Ambient temperature range				Stroboscopic effect
		temperature range	ENEC mark	Glow-wire test		
910505102110	DN471B LED30S/840 DIA-VLC-E C WH P	+10 to +40 °C	ENEC mark	Temperature 750 °C, duration 30 s	-	

Order Code	Full Product Name	Ambient temperature range	ENEC mark	Glow-wire test	Stroboscopic effect
912500100527	DN471B	+10 to +40 °C	ENEC	Temperature	-
	LED20S/840		mark	750 °C, duration	
	PSU-E C WH			30 s	
	P				
910505102113	DN472B	-15 to +40 °C	ENEC	Temperature	-
	LED20S/840		mark	750 °C, duration	
	DIA-VLC-E C			30 s	
	WH PCC P				
910505102271	DN470B	+10 to +40 °C	ENEC	Temperature	0.4
	LED20S/830		mark	650 °C, duration	
	PSD-E C WH			30 s	
	P				
912500100522	DN470B	+10 to +40 °C	ENEC	Temperature	-
	LED20S/830		mark	750 °C, duration	
	PSU-E C WH			30 s	
	P				
912500100523	DN470B	+10 to +40 °C	ENEC	Temperature	-
	LED20S/840		mark	750 °C, duration	
	PSU-E C WH			30 s	
	P				

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
910505102106	DN471B LED20S/840 DIA-VLC-E C WH P	(0.38, 0.38) SDCM<3
910505102110	DN471B LED30S/840 DIA-VLC-E C WH P	(0.38, 0.38) SDCM<3
912500100527	DN471B LED20S/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
910505102271	DN470B LED20S/830 PSD-E C WH P	(0.43, 0.40) SDCM<3
912500100522	DN470B LED20S/830 PSU-E C WH P	(0.43, 0.40) SDCM<3

Over Time Performance (IEC Compliant)

Order Code	Full Product Name	Driver failure rate at 5,000 hours
910505102106	DN471B LED20S/840 DIA-VLC-E C WH P	-
910505102110	DN471B LED30S/840 DIA-VLC-E C WH P	-
912500100527	DN471B LED20S/840 PSU-E C WH P	1 %
910505102113	DN472B LED20S/840 DIA-VLC-E C WH PCC P	-
910505102271	DN470B LED20S/830 PSD-E C WH P	-
912500100522	DN470B LED20S/830 PSU-E C WH P	1 %

Product Data

Order Code	Full Product Name	Product family code
910505102106	DN471B LED20S/840 DIA-VLC-E C WH P	DN471B
910505102110	DN471B LED30S/840 DIA-VLC-E C WH P	DN471B
912500100527	DN471B LED20S/840 PSU-E C WH P	DN471B
910505102113	DN472B LED20S/840 DIA-VLC-E C WH PCC P	DN472B

Order Code	Full Product Name	Ambient temperature range	ENEC mark	Glow-wire test	Stroboscopic effect
912500100547	DN470B	+10 to +40 °C	ENEC	Temperature	-
	LED20S/840		mark	750 °C, duration	
	PSU-E C			30 s	
	ELP3 WH P				
912500101307	DN470B	+10 to +40 °C	-	Temperature	-
	LED30S/840			750 °C, duration	
	PSU-E C WH			30 s	
	P				
910505102035	DN460B	+10 to +40 °C	ENEC	Temperature	-
	LED11S/840		mark	750 °C, duration	
	DIA-VLC-E C			30 s	
	WH P				
910505102074	DN462B	+10 to +40 °C	ENEC	Temperature	-
	LED11S/840		mark	750 °C, duration	
	DIA-VLC-E C			30 s	
	WH PCC P				
912500100515	DN460B	+10 to +40 °C	ENEC	Temperature	-
	LED11S/840		mark	750 °C, duration	
	PSU-E C WH			30 s	
	P				

Order Code	Full Product Name	Initial chromaticity
912500100523	DN470B LED20S/840 PSU-E C WH P	(0.38, 0.38) SDCM<3
912500100547	DN470B LED20S/840 PSU-E C ELP3 WH P	(0.38, 0.38) SDCM<3
912500101307	DN470B LED30S/840 PSU-E C WH P	(0.38, 0.38) SDCM<3
910505102035	DN460B LED11S/840 DIA-VLC-E C WH P	(0.38, 0.38) SDCM<3
910505102074	DN462B LED11S/840 DIA-VLC-E C WH PCC P	(0.38, 0.38) SDCM<3
912500100515	DN460B LED11S/840 PSU-E C WH P	(0.38, 0.38) SDCM<3

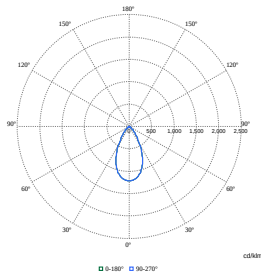
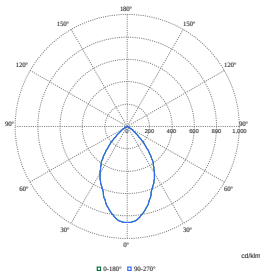
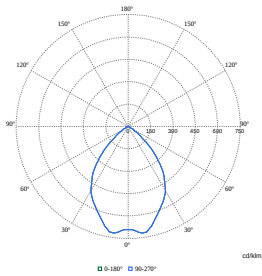
Order Code	Full Product Name	Driver failure rate at 5,000 hours
912500100523	DN470B LED20S/840 PSU-E C WH P	1 %
912500100547	DN470B LED20S/840 PSU-E C ELP3 WH P	1 %
912500101307	DN470B LED30S/840 PSU-E C WH P	1 %
910505102035	DN460B LED11S/840 DIA-VLC-E C WH P	-
910505102074	DN462B LED11S/840 DIA-VLC-E C WH PCC P	-
912500100515	DN460B LED11S/840 PSU-E C WH P	1 %

Order Code	Full Product Name	Product family code
910505102271	DN470B LED20S/830 PSD-E C WH P	DN470B
912500100522	DN470B LED20S/830 PSU-E C WH P	DN470B
912500100523	DN470B LED20S/840 PSU-E C WH P	DN470B
912500100547	DN470B LED20S/840 PSU-E C ELP3 WH P	DN470B

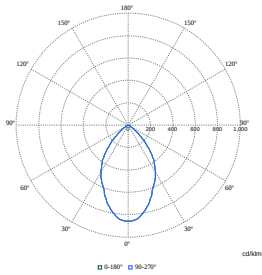
Order Code	Full Product Name	Product family code
912500101307	DN470B LED30S/840 PSU-E C WH P	DN470B
910505102035	DN460B LED11S/840 DIA-VLC-E C WH P	DN460B

Order Code	Full Product Name	Product family code
910505102074	DN462B LED11S/840 DIA-VLC-E C WH PCC P	DN462B
912500100515	DN460B LED11S/840 PSU-E C WH P	DN460B

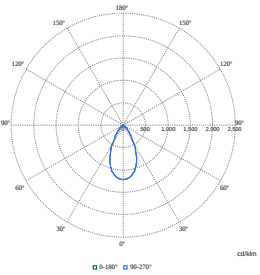
Polar Wide Diagrams



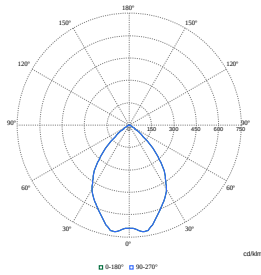
Polar Normal (separate) - DN460BN - 910505102113



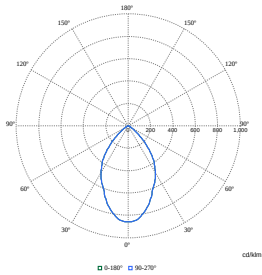
Polar Normal (separate) - DN460BN - 910505102035



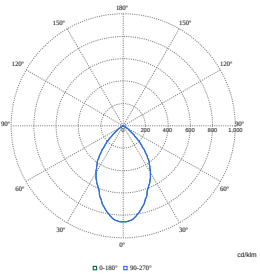
Polar Normal (separate) - DN460BN - 910505102110



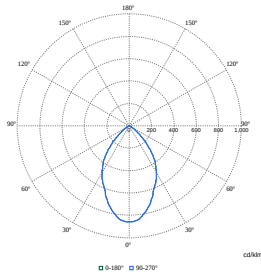
Polar Normal (separate) - DN460BN - 910505102271



Polar Normal (separate) - DN460BN - 910505102106



Polar Normal (separate) - DN460BN - 910505102074



Polar Normal (separate) - DN460BN - 912500100515



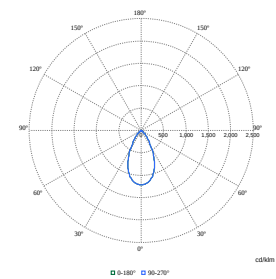
Polar Normal (separate) - DN460BN - 912500100522



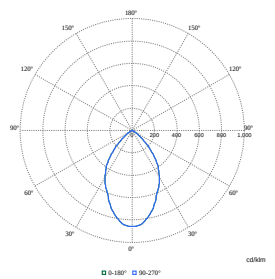
Polar Normal (separate) - DN460BN - 912500100523



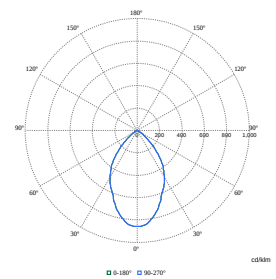
Polar Wide Diagrams



Polar Normal (separate) - DN460BN - 912500100527



Polar Normal (separate) - DN460BN - 912500100547



Polar Normal (separate) - DN460BN - 912500101307

