



Philips GreenSpace – High-efficiency, sustainable LED solution with 75% bio- circular materials

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 150 mm to 280 mm, 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 75% recycled or mass-balanced bio-circular material, making it a responsible 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. Its long lifetime with 100,000 hours at L100 (CLO), L90 (700lm/1400lm/on request 2000lm) makes it a true 'fit and forget' solution.

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 (DN500B) and compact (DN510B) sizes for recessed
- Surface-mounted, track and pendant versions available
- Customised cut-out sizes between 150 mm-280 mm: in total 28 sizes available
- High-gloss (CR) and White (WR) reflector types
- UGR19 version with anti-glare ring (OC reflector)
- Available in 700-5000 lumen to cover applications with higher ceilings
- Selection of rim colours: White, silver, and black as standard; other colours available on request.
- IP54-rated version with a front cover and integrated sensors
- Emergency lighting option available
- Configurable with many driver types such as DALI and wireless with InterAct ready.
- Fast installation due to variety of connections and cables
- Printed housing & rim parts with 75% recycled or mass balanced bio-circular material

Application

- Offices
- Retail
- Hospitals and care centres
- Municipal Buildings
- Education
- Healthcare

Versions

GreenSpace Mini, office-compliant reflector, white rim



GreenSpace Mini, office-compliant reflector, protection cover clear, white rim

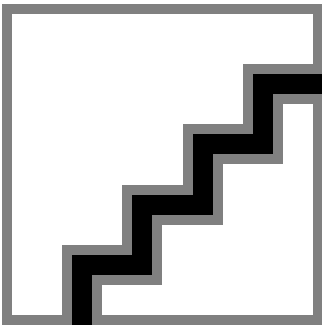


GreenSpace

Versions



Greenspace EU gen 2-DN472B



GreenSpace Compact, office-compliant reflector, white rim



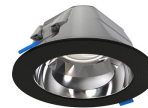
GreenSpace Compact, office-compliant reflector, protection cover clear, white rim



GreenSpace Compact, high-gloss reflector, white rim



GreenSpace Mini, high-gloss reflector, white rim

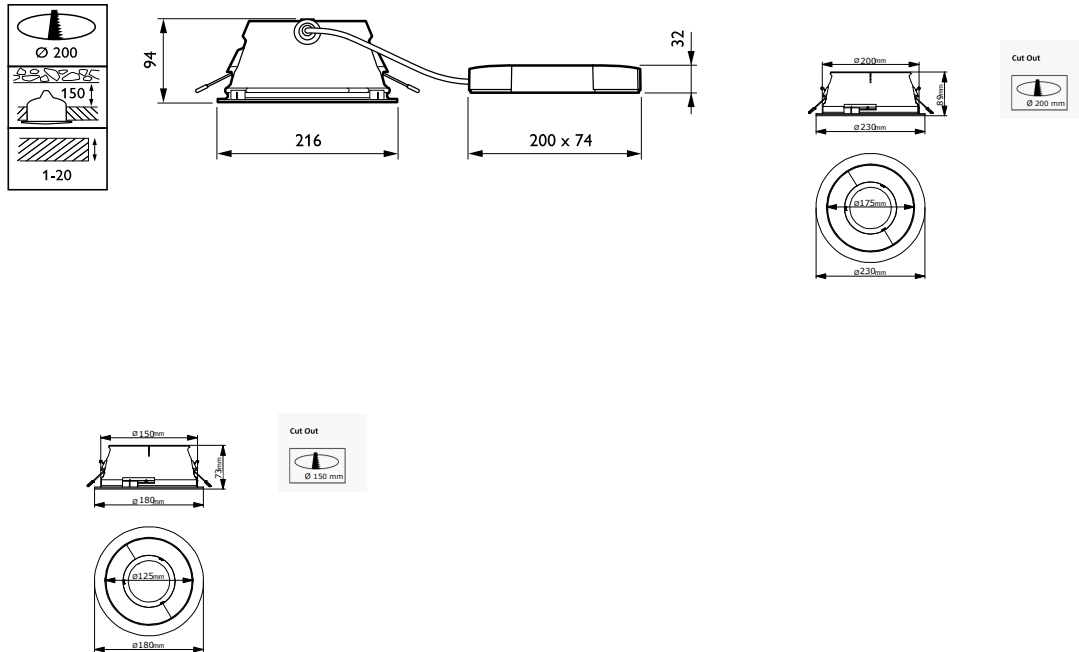


GreenSpace Mini, high-gloss reflector, black rim



GreenSpace Compact, high-gloss reflector, black rim

Dimensional drawing



General Information	
Driver included	Yes
Gear	-
Number of gear units	Unit
Operating and Electrical	
Protection class IEC	Safety class II
Line Frequency	50 to 60 Hz
Mechanical and Housing	
Optical cover type	-
Mech. impact protection code	IK02
Approval and Application	
CE mark	Yes
ENEC mark	ENEC mark
Flammability mark	-
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

General Information

Order Code	Full Product Name	Lamp family code	Light source replaceable	Service Tag
910505105007	DN500B 20S/840 PSU-E OC WH	-	-	-
910505105010	DN500B 20S/840 PSU-E OC WH PCC	-	-	-
910505102113	DN472B LED20S/840 DIA-VLC-E C WH PCC P 20S	-	No	Yes
910505104972	DN500B 11S/830 PSU-E C WH	-	-	-
910505105004	DN500B 20S/840 PSU-E C WH	-	-	-
910505105014	DN510B 20S/840 PSU-E OC WH	-	-	-
910505105019	DN510B 30S/840 PSU-E OC WH	-	-	-
910505105006	DN500B 20S/840 PSU-E C BK	-	-	-
910505105017	DN510B 20S/840 PSU-E OC WH PCC	-	-	-
910505105013	DN510B 20S/840 PSU-E C BK	-	-	-
910505105011	DN510B 20S/840 PSU-E C WH	-	-	-

Light Technical (1/2)

Order Code	Full Product Name	Beam angle of light source	Correlated Colour Temperature (Nom)	Colour rendering index (CRI)	Luminous efficacy (rated) (nom.)
910505105007	DN500B 20S/840 PSU-E OC WH	-	4000 K	80	149 lm/W
910505105010	DN500B 20S/840 PSU-E OC WH PCC	-	4000 K	80	146 lm/W
910505102113	DN472B LED20S/840 DIA-VLC-E C WH PCC P	- degree(s)	4000 K	>80	136 lm/W
910505104972	DN500B 11S/830 PSU-E C WH	-	3000 K	80	149 lm/W
910505105004	DN500B 20S/840 PSU-E C WH	-	4000 K	80	157 lm/W
910505105014	DN510B 20S/840 PSU-E OC WH	-	4000 K	80	149 lm/W

Order Code	Full Product Name	Beam angle of light source	Correlated Colour Temperature (Nom)	Colour rendering index (CRI)	Luminous efficacy (rated) (nom.)
910505105019	DN510B 30S/840 PSU-E OC WH	-	4000 K	80	156 lm/W
910505105006	DN500B 20S/840 PSU-E C BK	-	4000 K	80	157 lm/W
910505105017	DN510B 20S/840 PSU-E OC WH PCC	-	4000 K	80	146 lm/W
910505105013	DN510B 20S/840 PSU-E C BK	-	4000 K	80	157 lm/W
910505105011	DN510B 20S/840 PSU-E C WH	-	4000 K	80	157 lm/W

Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux	Number of light sources	Optic type	Upwards light output ratio
910505105007	DN500B 20S/840 PSU-E OC WH	2,000 lm	1	High-gloss mirror	-
910505105010	DN500B 20S/840 PSU-E OC WH PCC	1,950 lm	1	High-gloss mirror	-
910505102113	DN472B LED20S/840 DIA-VLC-E C WH PCC P	1,850 lm	-	-	0
910505104972	DN500B 11S/830 PSU-E C WH	1,150 lm	1	High-gloss mirror	-
910505105004	DN500B 20S/840 PSU-E C WH	2,100 lm	1	High-gloss mirror	-
910505105014	DN510B 20S/840 PSU-E OC WH	2,000 lm	1	High-gloss mirror	-

Order Code	Full Product Name	Luminous Flux	Number of light sources	Optic type	Upwards light output ratio
910505105019	DN510B 30S/840 PSU-E OC WH	3,000 lm	1	High-gloss mirror	-
910505105006	DN500B 20S/840 PSU-E C BK	2,100 lm	1	High-gloss mirror	-
910505105017	DN510B 20S/840 PSU-E OC WH PCC	1,950 lm	1	High-gloss mirror	-
910505105013	DN510B 20S/840 PSU-E C BK	2,100 lm	1	High-gloss mirror	-
910505105011	DN510B 20S/840 PSU-E C WH	2,100 lm	1	High-gloss mirror	-

Operating and Electrical

Order Code	Full Product Name	Input Voltage	Power		Suitable for random switching
			Consumption		
910505105007	DN500B 20S/840 PSU-E OC WH	220 to 240 V	13.5 W		No
910505105010	DN500B 20S/840 PSU-E OC WH PCC	220 to 240 V	13.5 W		No
910505102113	DN472B LED20S/840 DIA-VLC-E C WH PCC P	220-240 V	13.7 W		Yes
910505104972	DN500B 11S/830 PSU-E C WH	220 to 240 V	7.7 W		No
910505105004	DN500B 20S/840 PSU-E C WH	220 to 240 V	13.5 W		No
910505105014	DN510B 20S/840 PSU-E OC WH	220 to 240 V	13.5 W		No

Order Code	Full Product Name	Input Voltage	Power		Suitable for random switching
			Consumption		
910505105019	DN510B 30S/840 PSU-E OC WH	220 to 240 V	19.1 W		No
910505105006	DN500B 20S/840 PSU-E C BK	220 to 240 V	13.5 W		No
910505105017	DN510B 20S/840 PSU-E OC WH PCC	220 to 240 V	13.5 W		No
910505105013	DN510B 20S/840 PSU-E C BK	220 to 240 V	13.5 W		No
910505105011	DN510B 20S/840 PSU-E C WH	220 to 240 V	13.5 W		No

Controls and Dimming

Order Code	Full Product Name	Dimmable	Maximum dim level	
910505105007	DN500B 20S/840 PSU-E OC WH	No	-	
910505105010	DN500B 20S/840 PSU-E OC WH PCC	No	-	
910505102113	DN472B LED20S/840 DIA-VLC-E C WH PCC P	Yes	1%	
910505104972	DN500B 11S/830 PSU-E C WH	No	-	
910505105004	DN500B 20S/840 PSU-E C WH	No	-	

Order Code	Full Product Name	Dimmable	Maximum dim level	
910505105014	DN510B 20S/840 PSU-E OC WH	No	-	
910505105019	DN510B 30S/840 PSU-E OC WH	No	-	
910505105006	DN500B 20S/840 PSU-E C BK	No	-	
910505105017	DN510B 20S/840 PSU-E OC WH PCC	No	-	
910505105013	DN510B 20S/840 PSU-E C BK	No	-	
910505105011	DN510B 20S/840 PSU-E C WH	No	-	

Mechanical and Housing

Order Code	Full Product Name	Housing Colour	Ingress protection	
910505105007	DN500B 20S/840 PSU-E OC WH	Grey	IP20	
910505105010	DN500B 20S/840 PSU-E OC WH PCC	Grey	IP20/54	
910505102113	DN472B LED20S/840 DIA-VLC-E C WH PCC P	White	IP20/54	
910505104972	DN500B 11S/830 PSU-E C WH	Grey	IP20	
910505105004	DN500B 20S/840 PSU-E C WH	Grey	IP20	

Order Code	Full Product Name	Housing Colour	Ingress protection	
910505105014	DN510B 20S/840 PSU-E OC WH	Grey	IP20	
910505105019	DN510B 30S/840 PSU-E OC WH	Grey	IP20	
910505105006	DN500B 20S/840 PSU-E C BK	Grey	IP20	
910505105017	DN510B 20S/840 PSU-E OC WH PCC	Grey	IP20/54	
910505105013	DN510B 20S/840 PSU-E C BK	Grey	IP20	
910505105011	DN510B 20S/840 PSU-E C WH	Grey	IP20	

Emergency Operation

Order Code	Full Product Name	Central Emergency
910505105007	DN500B 20S/840 PSU-E OC WH	-
910505105010	DN500B 20S/840 PSU-E OC WH PCC	-
910505102113	DN472B LED20S/840 DIA-VLC-E C WH PCC P	No
910505104972	DN500B 11S/830 PSU-E C WH	-
910505105004	DN500B 20S/840 PSU-E C WH	-
910505105014	DN510B 20S/840 PSU-E OC WH	-

Order Code	Full Product Name	Central Emergency
910505105019	DN510B 30S/840 PSU-E OC WH	-
910505105006	DN500B 20S/840 PSU-E C BK	-
910505105017	DN510B 20S/840 PSU-E OC WH PCC	-
910505105013	DN510B 20S/840 PSU-E C BK	-
910505105011	DN510B 20S/840 PSU-E C WH	-

Approval and Application

Order Code	Full Product Name	Ambient temperature range	Glow-wire test
910505105007	DN500B 20S/840 PSU-E OC WH	+10 to +35 °C	Temperature 650 °C, duration 30 s
910505105010	DN500B 20S/840 PSU-E OC WH PCC	+10 to +35 °C	Temperature 650 °C, duration 30 s
910505102113	DN472B LED20S/840 DIA-VLC-E C WH PCC P	-15 to +40 °C	Temperature 750 °C, duration 30 s
910505104972	DN500B 11S/830 PSU-E C WH	+10 to +35 °C	Temperature 650 °C, duration 30 s
910505105004	DN500B 20S/840 PSU-E C WH	+10 to +35 °C	Temperature 650 °C, duration 30 s
910505105014	DN510B 20S/840 PSU-E OC WH	+10 to +35 °C	Temperature 650 °C, duration 30 s

Order Code	Full Product Name	Ambient temperature range	Glow-wire test
910505105019	DN510B 30S/840 PSU-E OC WH	+10 to +35 °C	Temperature 650 °C, duration 30 s
910505105006	DN500B 20S/840 PSU-E C BK	+10 to +35 °C	Temperature 650 °C, duration 30 s
910505105017	DN510B 20S/840 PSU-E OC WH PCC	+10 to +35 °C	Temperature 650 °C, duration 30 s
910505105013	DN510B 20S/840 PSU-E C BK	+10 to +35 °C	Temperature 650 °C, duration 30 s
910505105011	DN510B 20S/840 PSU-E C WH	+10 to +35 °C	Temperature 650 °C, duration 30 s

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
910505105007	DN500B 20S/840 PSU-E OC WH	(0.38, 0.38) SDCM <3
910505105010	DN500B 20S/840 PSU-E OC WH PCC	(0.38, 0.38) SDCM <3
910505102113	DN472B LED20S/840 DIA-VLC-E C WH PCC P	(0.38, 0.38) SDCM<3
910505104972	DN500B 11S/830 PSU-E C WH	(0.38, 0.38) SDCM <3
910505105004	DN500B 20S/840 PSU-E C WH	(0.38, 0.38) SDCM <3
910505105014	DN510B 20S/840 PSU-E OC WH	(0.38, 0.38) SDCM <3

Order Code	Full Product Name	Initial chromaticity
910505105019	DN510B 30S/840 PSU-E OC WH	(0.38, 0.38) SDCM <3
910505105006	DN500B 20S/840 PSU-E C BK	(0.38, 0.38) SDCM <3
910505105017	DN510B 20S/840 PSU-E OC WH PCC	(0.38, 0.38) SDCM <3
910505105013	DN510B 20S/840 PSU-E C BK	(0.38, 0.38) SDCM <3
910505105011	DN510B 20S/840 PSU-E C WH	(0.38, 0.38) SDCM <3

Over Time Performance (IEC Compliant)

Order Code	Full Product Name	Driver failure rate at 5,000 hours
910505105007	DN500B 20S/840 PSU-E OC WH	10 %
910505105010	DN500B 20S/840 PSU-E OC WH PCC	10 %
910505102113	DN472B LED20S/840 DIA-VLC-E C WH PCC P	-
910505104972	DN500B 11S/830 PSU-E C WH	10 %
910505105004	DN500B 20S/840 PSU-E C WH	10 %
910505105014	DN510B 20S/840 PSU-E OC WH	10 %

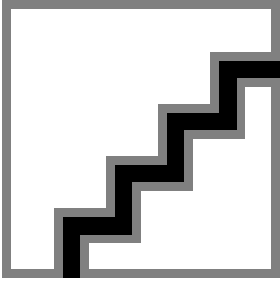
Order Code	Full Product Name	Driver failure rate at 5,000 hours
910505105019	DN510B 30S/840 PSU-E OC WH	10 %
910505105006	DN500B 20S/840 PSU-E C BK	10 %
910505105017	DN510B 20S/840 PSU-E OC WH PCC	10 %
910505105013	DN510B 20S/840 PSU-E C BK	10 %
910505105011	DN510B 20S/840 PSU-E C WH	10 %

Product Data

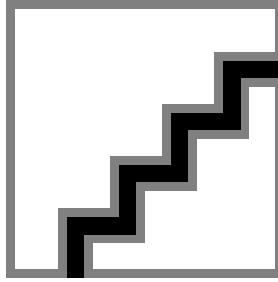
Order Code	Full Product Name	Product family code
910505105007	DN500B 20S/840 PSU-E OC WH	DN500B
910505105010	DN500B 20S/840 PSU-E OC WH PCC	DN500B
910505102113	DN472B LED20S/840 DIA-VLC-E C WH PCC P	DN472B
910505104972	DN500B 11S/830 PSU-E C WH	-
910505105004	DN500B 20S/840 PSU-E C WH	DN500B
910505105014	DN510B 20S/840 PSU-E OC WH	DN510B

Order Code	Full Product Name	Product family code
910505105019	DN510B 30S/840 PSU-E OC WH	DN510B
910505105006	DN500B 20S/840 PSU-E C BK	DN500B
910505105017	DN510B 20S/840 PSU-E OC WH PCC	DN510B
910505105013	DN510B 20S/840 PSU-E C BK	DN510B
910505105011	DN510B 20S/840 PSU-E C WH	DN510B

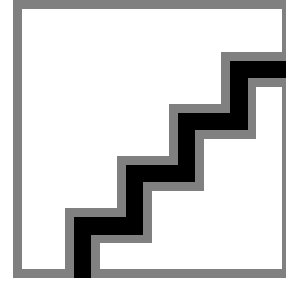
Polar Wide Diagrams



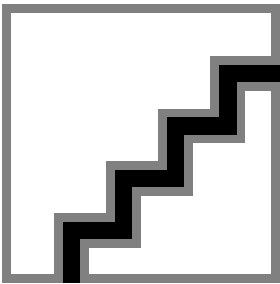
Polar Normal (separate) - 910505105013



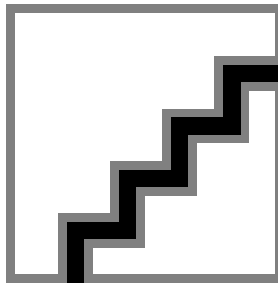
Polar Normal (separate) - 910505105004



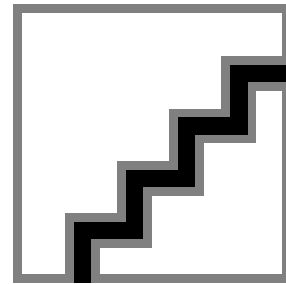
Polar Normal (separate) - 910505105017



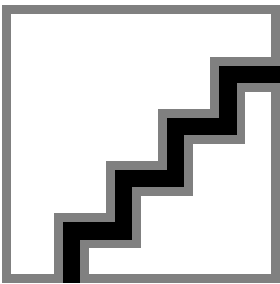
Polar Normal (separate) - 910505105014



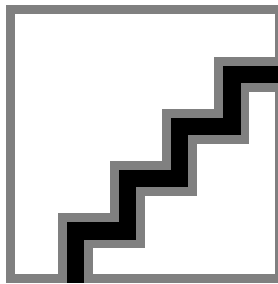
Polar Normal (separate) - 910505105007



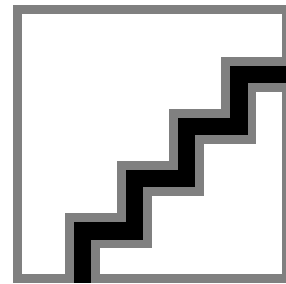
Polar Normal (separate) - 910505105019



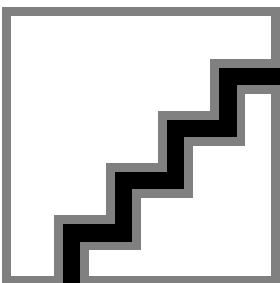
Polar Normal (separate) - 910505105010



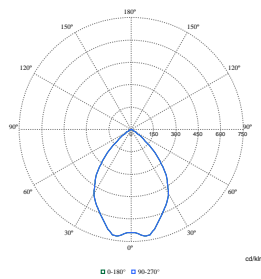
Polar Normal (separate) - 910505105011



Polar Normal (separate) - 910505105006



Polar Normal (separate) - 910505104972



Polar Normal (separate) - DN460BN - 910505102113

