



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

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

Applications

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

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

Versions

GreenSpace Mini, office-compliant reflector, white rim



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



GreenSpace Mini, high-gloss reflector, white rim



GreenSpace Compact, office-compliant reflector, white rim



GreenSpace Mini, high-gloss reflector, black rim



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



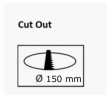
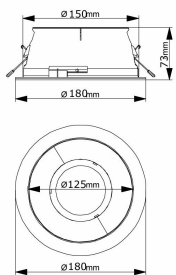
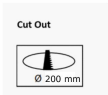
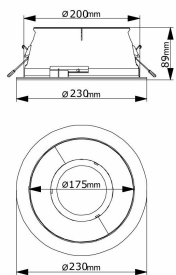
GreenSpace Compact, high-gloss reflector, black rim



GreenSpace Compact, high-gloss reflector, white rim



Dimensional drawing



DN510B 30S/840 PSU-E OC WH

DN500B 20S/840 PSU-E OC WH

General Information	
Number of gear units	Unit
Gear	-
Driver included	Yes
Service Tag	Yes
Light Technical	
Colour rendering index (CRI)	80
Number of light sources	1
Optic type	High-gloss mirror
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Suitable for random switching	No
Protection class IEC	Safety class II
Controls and Dimming	
Dimmable	No

Mechanical and Housing

Housing Colour	Grey
Mech. impact protection code	IK02 [0.2 J standard]

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
Ambient temperature range	+10 to +35 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3

Over Time Performance (IEC Compliant)

Driver failure rate at 5,000 hours	10 %
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Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Colour Temperature (Nom)	Luminous efficacy (rated) (nom.)
910505105007	DN500B 20S/840 PSU-E OC WH	2,000 lm	4000 K	149 lm/W
910505105010	DN500B 20S/840 PSU-E OC WH PCC	1,950 lm	4000 K	146 lm/W
910505104972	DN500B 11S/830 PSU-E C WH	1,150 lm	3000 K	149 lm/W
910505105004	DN500B 20S/840 PSU-E C WH	2,100 lm	4000 K	157 lm/W
910505105014	DN510B 20S/840 PSU-E OC WH	2,000 lm	4000 K	149 lm/W
910505105019	DN510B 30S/840 PSU-E OC WH	3,000 lm	4000 K	156 lm/W
910505105006	DN500B 20S/840 PSU-E C BK	2,100 lm	4000 K	157 lm/W
910505105017	DN510B 20S/840 PSU-E OC WH PCC	1,950 lm	4000 K	146 lm/W
910505105013	DN510B 20S/840 PSU-E C BK	2,100 lm	4000 K	157 lm/W
910505105011	DN510B 20S/840 PSU-E C WH	2,100 lm	4000 K	157 lm/W

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910505105007	DN500B 20S/840 PSU-E OC WH	13.4 W
910505105010	DN500B 20S/840 PSU-E OC WH PCC	13.4 W
910505104972	DN500B 11S/830 PSU-E C WH	7.7 W
910505105004	DN500B 20S/840 PSU-E C WH	13.4 W
910505105014	DN510B 20S/840 PSU-E OC WH	13.4 W

Order Code	Full Product Name	Power Consumption
910505105019	DN510B 30S/840 PSU-E OC WH	19.2 W
910505105006	DN500B 20S/840 PSU-E C BK	13.4 W
910505105017	DN510B 20S/840 PSU-E OC WH PCC	13.4 W
910505105013	DN510B 20S/840 PSU-E C BK	13.4 W
910505105011	DN510B 20S/840 PSU-E C WH	13.4 W

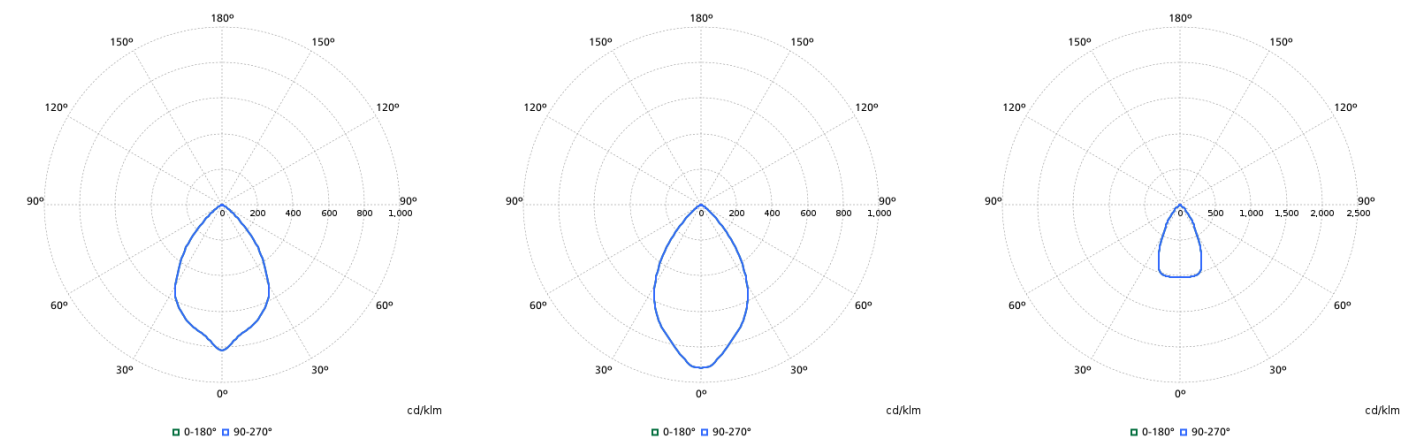
Mechanical and Housing

Order Code	Full Product Name	Ingress protection code
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910505105010	DN500B 20S/840 PSU-E OC WH PCC	IP20/54
910505104972	DN500B 11S/830 PSU-E C WH	IP20
910505105004	DN500B 20S/840 PSU-E C WH	IP20
910505105014	DN510B 20S/840 PSU-E OC WH	IP20
910505105019	DN510B 30S/840 PSU-E OC WH	IP20
910505105006	DN500B 20S/840 PSU-E C BK	IP20
910505105017	DN510B 20S/840 PSU-E OC WH PCC	IP20/54
910505105013	DN510B 20S/840 PSU-E C BK	IP20
910505105011	DN510B 20S/840 PSU-E C WH	IP20

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
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
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
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910505105011	DN510B 20S/840 PSU-E C WH	DN510B

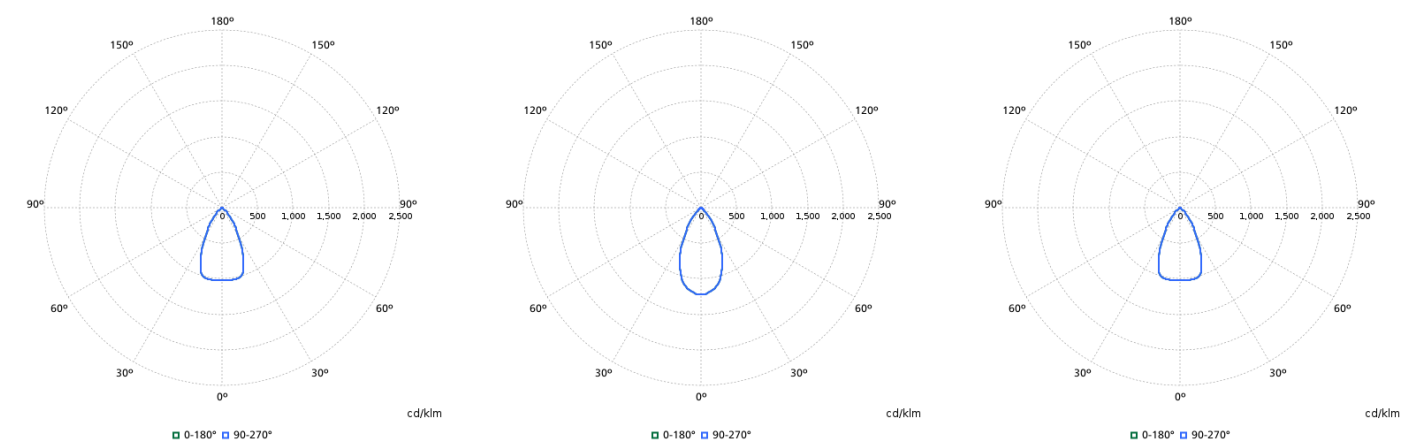
Polar normal diagrams



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910505105004

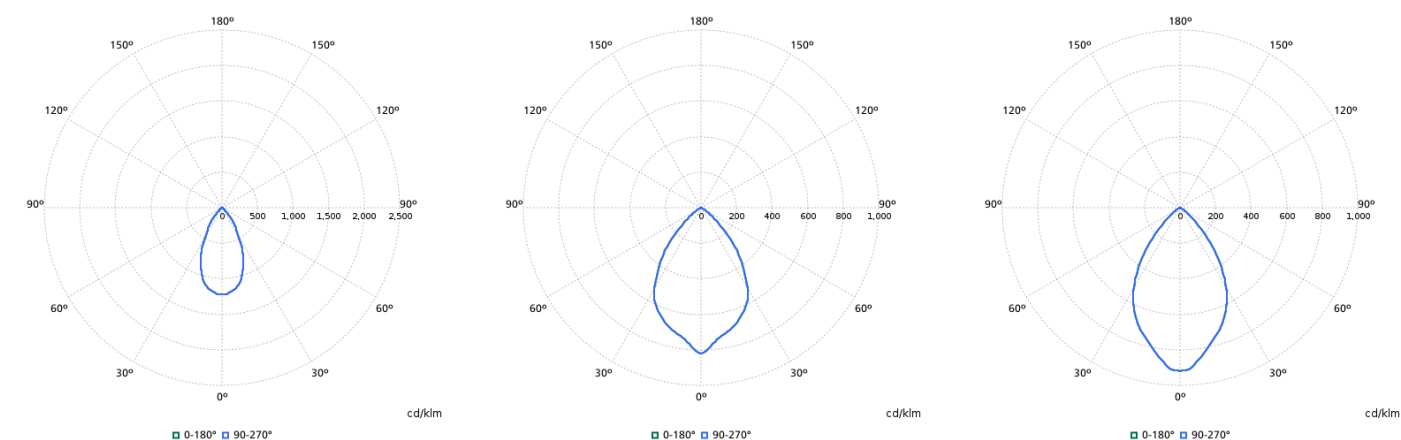
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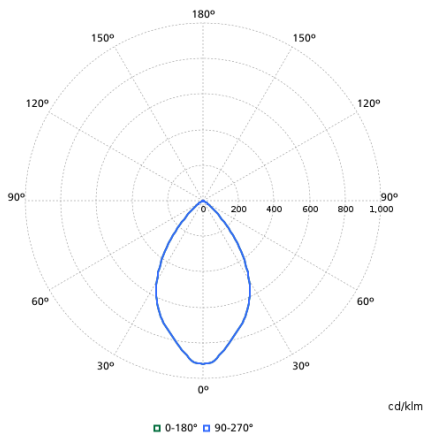
910505105019



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