



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 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. 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 color performance and wide light distribution
- Clean & beautiful ceilings with integrated sensing options for daylight control and presence detection

Applications

- Offices
- Retail
- Hospitals and Care Centers
- Municipal Buildings
- Education
- Healthcare

Features

- Mini (DN500B) and compact (DN510B) sizes for recessed
- Surface mounted, track and pendant versions available
- Custom cut-out sizes between 150mm-280 mm, in total 28 sizes available

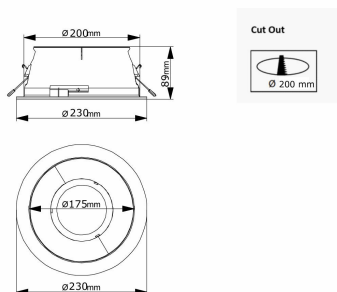
Versions

- 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 colors: White, silver and black as standard, others on request
- IP54 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

GreenSpace Compact, high-gloss reflector, protection cover clear, white rim



Dimensional drawing



DN510B 20S/840 PSU-E C WH PCC

General Information

Number of gear units	1 unit
Gear	-
Driver included	Yes
Service tag	Yes

Light Technical

Luminous Flux	2,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	149 lm/W
Color 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
Power Consumption	13.4 W
Suitable for random switching	No
Protection class IEC	Safety class II

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Color	Gray
Ingress protection code	IP20/54 [Finger-protected; dust accumulation-protected, splash-proof]
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

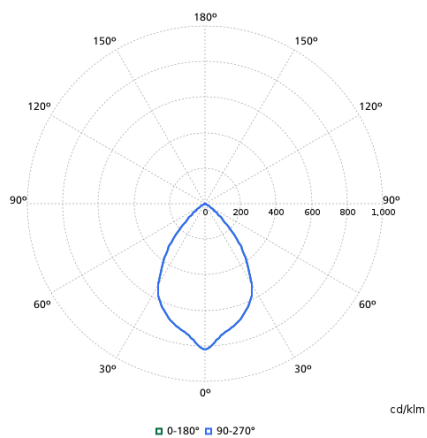
Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h 10 %

Product Data

Product family code DN510B [GreenSpace]

Polar normal diagrams



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