



Philips GreenSpace – High-efficiency, sustainable LED solution with 65% recycled 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 to 280 mm. 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 from production waste of polycarbonate sheets that are retrieved from swimming pools, car ports and illuminated advertising. And the product's long lifetime makes it a true 'fit and forget' solution.

Benefits

- Good value for money
- 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 (custom sizes) which provides faster installation
- Various light output choices to suit different application needs
- Office-compliant, with stable color performance and wide light distribution

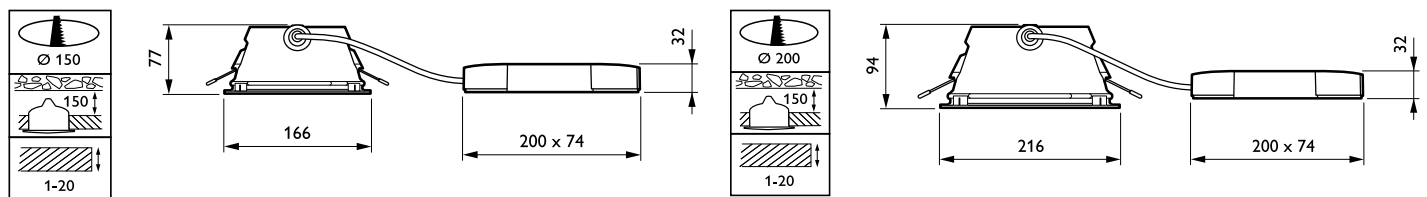
Features

- Mini (DN460B) and compact (DN470B) sizes for recessed
- Surface mounted, track and pendant versions available
- Custom cut-out sizes between 150mm-280 mm, in total 28 sizes available
- High system efficacy: up to 131 lm/w
- UGR19 version with anti-glare ring
- Available in 3000 lumen to cover applications with higher ceilings
- Selection of colors: White, silver and black
- 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

Application

- Retail
- Offices
- Hospitals and Care Centers
- Hospitality

Dimensional drawing



General Information

CE mark	Yes
Driver included	Yes
Flammability mark	-
Gear	-
Light source replaceable	No
Number of gear units	1 unit

Light Technical

Color rendering index (CRI)	>80
Optic type	-

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz

Mechanical and Housing

Housing Color	White
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Approval and Application

Protection class IEC	Safety class II
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Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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Application Conditions

Suitable for random switching	Yes
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General Information (1/2)

Order Code	Full Product Name	ENEC mark	Glow-wire test	Lamp family code	Product family code
910505102286	DN461B LED11S/830 PSD-E C WH P	ENEC mark	Temperature 650 °C, duration 30 s	-	DN461B
910505102287	DN461B LED11S/840 PSD-E C WH P	ENEC mark	Temperature 650 °C, duration 30 s	-	DN461B
910505102290	DN471B LED20S/830 PSD-E C WH P	ENEC mark	Temperature 650 °C, duration 30 s	-	DN471B
910505102291	DN471B LED20S/840 PSD-E C WH P	ENEC mark	Temperature 650 °C, duration 30 s	-	DN471B
912500100526	DN471B LED20S/830 PSU-E C WH P	ENEC mark	Temperature 750 °C, duration 5 s	LED20S	DN471B
912500101314	DN471B LED30S/830 PSU-E C WH P	-	Temperature 750 °C, duration 5 s	-	DN471B
912500101315	DN471B LED30S/840 PSU-E C WH P	-	Temperature 750 °C, duration 5 s	-	DN471B
910505102271	DN470B LED20S/830 PSD-E C WH P	ENEC mark	Temperature 650 °C, duration 30 s	-	DN470B
910505102272	DN470B LED30S/830 PSD-E C WH P	ENEC mark	Temperature 650 °C, duration 30 s	-	DN470B
910505102288	DN470B LED20S/840 PSD-E C WH P	ENEC mark	Temperature 650 °C, duration 30 s	-	DN470B
910505102289	DN470B LED30S/840 PSD-E C WH P	ENEC mark	Temperature 650 °C, duration 30 s	-	DN470B
912500100523	DN470B LED20S/840 PSU-E C WH P	ENEC mark	Temperature 750 °C, duration 5 s	LED20S	DN470B
912500100547	DN470B LED20S/840 PSU-E C ELP3 WH P	ENEC mark	Temperature 750 °C, duration 5 s	LED20S	DN470B
910505102284	DN460B LED11S/830 PSD-E C WH P	ENEC mark	Temperature 650 °C, duration 30 s	-	DN460B
910505102285	DN460B LED11S/840 PSD-E C WH P	ENEC mark	Temperature 650 °C, duration 30 s	-	DN460B
912500100514	DN460B LED11S/830 PSU-E C WH P	ENEC mark	Temperature 650 °C, duration 30 s	LED11S	DN460B
910505102292	DN472B LED11S/830 PSD-E C WH PCO P	ENEC mark	Temperature 650 °C, duration 30 s	-	DN472B
910505102293	DN472B LED11S/840 PSD-E C WH PCO P	ENEC mark	Temperature 650 °C, duration 30 s	-	DN472B
912500100543	DN472B LED20S/840 PSU-E C WH PCO P	ENEC mark	Temperature 750 °C, duration 5 s	LED20S	DN472B

General Information (2/2)

Order Code	Full Product Name	Service tag	Order Code	Full Product Name	Service tag
910505102286	DN461B LED11S/830 PSD-E C WH P	-	912500101315	DN471B LED30S/840 PSU-E C WH P	Yes
910505102287	DN461B LED11S/840 PSD-E C WH P	-	910505102271	DN470B LED20S/830 PSD-E C WH P	-
910505102290	DN471B LED20S/830 PSD-E C WH P	-	910505102272	DN470B LED30S/830 PSD-E C WH P	-
910505102291	DN471B LED20S/840 PSD-E C WH P	-	910505102288	DN470B LED20S/840 PSD-E C WH P	-
912500100526	DN471B LED20S/830 PSU-E C WH P	Yes	910505102289	DN470B LED30S/840 PSD-E C WH P	-
912500101314	DN471B LED30S/830 PSU-E C WH P	Yes	912500100523	DN470B LED20S/840 PSU-E C WH P	Yes

Order Code	Full Product Name	Service tag
912500100547	DN470B LED20S/840 PSU-E C ELP3 WH P	Yes
910505102284	DN460B LED11S/830 PSD-E C WH P	-
910505102285	DN460B LED11S/840 PSD-E C WH P	-
912500100514	DN460B LED11S/830 PSU-E C WH P	Yes

Light Technical (1/2)

Order Code	Full Product Name	Beam angle of light source	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
910505102286	DN461B LED11S/830 PSD-E C WH P	-	3000 K	125 lm/W	1,200 lm
910505102287	DN461B LED11S/840 PSD-E C WH P	-	4000 K	130 lm/W	1,250 lm
910505102290	DN471B LED20S/830 PSD-E C WH P	-	3000 K	125 lm/W	1,900 lm
910505102291	DN471B LED20S/840 PSD-E C WH P	-	4000 K	128 lm/W	1,950 lm
912500100526	DN471B LED20S/830 PSU-E C WH P	- degree(s)	3000 K	125 lm/W	1,900 lm
912500101314	DN471B LED30S/830 PSU-E C WH P	- degree(s)	3000 K	124 lm/W	2,800 lm
912500101315	DN471B LED30S/840 PSU-E C WH P	- degree(s)	4000 K	131 lm/W	2,950 lm
910505102271	DN470B LED20S/830 PSD-E C WH P	-	3000 K	125 lm/W	1,900 lm
910505102272	DN470B LED30S/830 PSD-E C WH P	-	3000 K	129 lm/W	2,900 lm
910505102288	DN470B LED20S/840 PSD-E C WH P	-	4000 K	128 lm/W	1,950 lm
910505102289	DN470B LED30S/840 PSD-E C WH P	-	4000 K	133 lm/W	3,000 lm

Light Technical (2/2)

Order Code	Full Product Name	Number of light sources	Stroboscopic effect visibility measure (SVM)
910505102286	DN461B LED11S/830 PSD-E C WH P	-	0.4

Order Code	Full Product Name	Service tag
910505102292	DN472B LED11S/830 PSD-E C WH PCO P	-
910505102293	DN472B LED11S/840 PSD-E C WH PCO P	-
912500100543	DN472B LED20S/840 PSU-E C WH PCO P	Yes

Order Code	Full Product Name	Beam angle of light source	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
912500100523	DN470B LED20S/840 PSU-E C WH P	- degree(s)	4000 K	138 lm/W	2,100 lm
912500100547	DN470B LED20S/840 PSU-E C ELP3 WH P	- degree(s)	4000 K	138 lm/W	2,100 lm
910505102284	DN460B LED11S/830 PSD-E C WH P	-	3000 K	125 lm/W	1,200 lm
910505102285	DN460B LED11S/840 PSD-E C WH P	-	4000 K	130 lm/W	1,250 lm
912500100514	DN460B LED11S/830 PSU-E C WH P	- degree(s)	3000 K	122 lm/W	1,250 lm
910505102292	DN472B LED11S/830 PSD-E C WH PCO P	-	3000 K	109 lm/W	1,050 lm
910505102293	DN472B LED11S/840 PSD-E C WH PCO P	-	4000 K	114 lm/W	1,100 lm
912500100543	DN472B LED20S/840 PSU-E C WH PCO P	- degree(s)	4000 K	109 lm/W	2,100 lm

Order Code	Full Product Name	Number of light sources	Stroboscopic effect visibility measure (SVM)
910505102287	DN461B LED11S/840 PSD-E C WH P	-	0.4

Order Code	Full Product Name	Number of light sources	Stroboscopic effect visibility measure (SVM)
910505102290	DN471B LED20S/830 PSD-E C WH P	-	0.4
910505102291	DN471B LED20S/840 PSD-E C WH P	-	0.4
912500100526	DN471B LED20S/830 PSU-E C WH P	1	-
912500101314	DN471B LED30S/830 PSU-E C WH P	-	-
912500101315	DN471B LED30S/840 PSU-E C WH P	-	-
910505102271	DN470B LED20S/830 PSD-E C WH P	-	0.4
910505102272	DN470B LED30S/830 PSD-E C WH P	-	0.4
910505102288	DN470B LED20S/840 PSD-E C WH P	-	0.4
910505102289	DN470B LED30S/840 PSD-E C WH P	-	0.4
912500100523	DN470B LED20S/840 PSU-E C WH P	1	-
912500100547	DN470B LED20S/840 PSU-E C ELP3 WH P	1	-

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910505102286	DN461B LED11S/830 PSD-E C WH P	9.6 W
910505102287	DN461B LED11S/840 PSD-E C WH P	9.6 W
910505102290	DN471B LED20S/830 PSD-E C WH P	15.2 W
910505102291	DN471B LED20S/840 PSD-E C WH P	15.2 W
912500100526	DN471B LED20S/830 PSU-E C WH P	15.2 W
912500101314	DN471B LED30S/830 PSU-E C WH P	22.5 W
912500101315	DN471B LED30S/840 PSU-E C WH P	22.5 W
910505102271	DN470B LED20S/830 PSD-E C WH P	15.2 W
910505102272	DN470B LED30S/830 PSD-E C WH P	22.5 W
910505102288	DN470B LED20S/840 PSD-E C WH P	15.2 W

Temperature

Order Code	Full Product Name	Ambient temperature range
910505102286	DN461B LED11S/830 PSD-E C WH P	+10 to +40 °C
910505102287	DN461B LED11S/840 PSD-E C WH P	+10 to +40 °C
910505102290	DN471B LED20S/830 PSD-E C WH P	+10 to +40 °C
910505102291	DN471B LED20S/840 PSD-E C WH P	+10 to +40 °C
912500100526	DN471B LED20S/830 PSU-E C WH P	+10 to +40 °C
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
910505102271	DN470B LED20S/830 PSD-E C WH P	+10 to +40 °C
910505102272	DN470B LED30S/830 PSD-E C WH P	+10 to +40 °C
910505102288	DN470B LED20S/840 PSD-E C WH P	+10 to +40 °C

Controls and Dimming

Order Code	Full Product Name	Dimmable
910505102286	DN461B LED11S/830 PSD-E C WH P	Yes
910505102287	DN461B LED11S/840 PSD-E C WH P	Yes
910505102290	DN471B LED20S/830 PSD-E C WH P	Yes
910505102291	DN471B LED20S/840 PSD-E C WH P	Yes
912500100526	DN471B LED20S/830 PSU-E C WH P	No

Order Code	Full Product Name	Number of light sources	Stroboscopic effect visibility measure (SVM)
910505102284	DN460B LED11S/830 PSD-E C WH P	-	0.4
910505102285	DN460B LED11S/840 PSD-E C WH P	-	0.4
912500100514	DN460B LED11S/830 PSU-E C WH P	1	0.4
910505102292	DN472B LED11S/830 PSD-E C WH PCO P	-	0.4
910505102293	DN472B LED11S/840 PSD-E C WH PCO P	-	0.4
912500100543	DN472B LED20S/840 PSU-E C WH PCO P	1	-

Order Code	Full Product Name	Power Consumption
910505102289	DN470B LED30S/840 PSD-E C WH P	22.5 W
912500100523	DN470B LED20S/840 PSU-E C WH P	15.2 W
912500100547	DN470B LED20S/840 PSU-E C ELP3 WH P	15.2 W
910505102284	DN460B LED11S/830 PSD-E C WH P	9.6 W
910505102285	DN460B LED11S/840 PSD-E C WH P	9.6 W
912500100514	DN460B LED11S/830 PSU-E C WH P	10.2 W
910505102292	DN472B LED11S/830 PSD-E C WH PCO P	9.6 W
910505102293	DN472B LED11S/840 PSD-E C WH PCO P	9.6 W
912500100543	DN472B LED20S/840 PSU-E C WH PCO P	19.2 W

Order Code	Full Product Name	Ambient temperature range
910505102289	DN470B LED30S/840 PSD-E C WH P	+10 to +40 °C
912500100523	DN470B LED20S/840 PSU-E C WH P	+10 to +40 °C
912500100547	DN470B LED20S/840 PSU-E C ELP3 WH P	+10 to +40 °C
910505102284	DN460B LED11S/830 PSD-E C WH P	+10 to +40 °C
910505102285	DN460B LED11S/840 PSD-E C WH P	+10 to +40 °C
912500100514	DN460B LED11S/830 PSU-E C WH P	+10 to +40 °C
910505102292	DN472B LED11S/830 PSD-E C WH PCO P	+10 to +40 °C
910505102293	DN472B LED11S/840 PSD-E C WH PCO P	+10 to +40 °C
912500100543	DN472B LED20S/840 PSU-E C WH PCO P	-15 to +40 °C

Order Code	Full Product Name	Dimmable
912500101314	DN471B LED30S/830 PSU-E C WH P	No
912500101315	DN471B LED30S/840 PSU-E C WH P	No
910505102271	DN470B LED20S/830 PSD-E C WH P	Yes
910505102272	DN470B LED30S/830 PSD-E C WH P	Yes
910505102288	DN470B LED20S/840 PSD-E C WH P	Yes

Order Code	Full Product Name	Dimmable
910505102289	DN470B LED30S/840 PSD-E C WH P	Yes
912500100523	DN470B LED20S/840 PSU-E C WH P	No
912500100547	DN470B LED20S/840 PSU-E C ELP3 WH P	No
910505102284	DN460B LED11S/830 PSD-E C WH P	Yes
910505102285	DN460B LED11S/840 PSD-E C WH P	Yes

Approval and Application

Order Code	Full Product Name	Mech. impact protection code	Ingress protection code
910505102286	DN461B LED11S/830 PSD-E C WH P	IK02	IP20
910505102287	DN461B LED11S/840 PSD-E C WH P	IK02	IP20
910505102290	DN471B LED20S/830 PSD-E C WH P	IK02	IP20
910505102291	DN471B LED20S/840 PSD-E C WH P	IK02	IP20
912500100526	DN471B LED20S/830 PSU-E C WH P	IK02	IP20
912500101314	DN471B LED30S/830 PSU-E C WH P	IK02	IP20
912500101315	DN471B LED30S/840 PSU-E C WH P	IK02	IP20
910505102271	DN470B LED20S/830 PSD-E C WH P	IK02	IP20
910505102272	DN470B LED30S/830 PSD-E C WH P	IK02	IP20
910505102288	DN470B LED20S/840 PSD-E C WH P	IK02	IP20
910505102289	DN470B LED30S/840 PSD-E C WH P	IK02	IP20
912500100523	DN470B LED20S/840 PSU-E C WH P	IK02	IP20

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
910505102286	DN461B LED11S/830 PSD-E C WH P	(0.43, 0.40) SDCM<3
910505102287	DN461B LED11S/840 PSD-E C WH P	(0.38, 0.38) SDCM<3
910505102290	DN471B LED20S/830 PSD-E C WH P	(0.43, 0.40) SDCM<3
910505102291	DN471B LED20S/840 PSD-E C WH P	(0.38, 0.38) SDCM<3
912500100526	DN471B LED20S/830 PSU-E C WH P	(0.43, 0.40) SDCM<3
912500101314	DN471B LED30S/830 PSU-E C WH P	(0.43, 0.40) SDCM<3
912500101315	DN471B LED30S/840 PSU-E C WH P	(0.38, 0.38) SDCM<3
910505102271	DN470B LED20S/830 PSD-E C WH P	(0.43, 0.40) SDCM<3
910505102272	DN470B LED30S/830 PSD-E C WH P	(0.43, 0.40) SDCM<3
910505102288	DN470B LED20S/840 PSD-E C WH P	(0.38, 0.38) SDCM<3

Over Time Performance (IEC Compliant)

Order Code	Full Product Name	Driver failure rate at 5000 h
910505102286	DN461B LED11S/830 PSD-E C WH P	-
910505102287	DN461B LED11S/840 PSD-E C WH P	-
910505102290	DN471B LED20S/830 PSD-E C WH P	-
910505102291	DN471B LED20S/840 PSD-E C WH P	-
912500100526	DN471B LED20S/830 PSU-E C WH P	1 %
912500101314	DN471B LED30S/830 PSU-E C WH P	1 %
912500101315	DN471B LED30S/840 PSU-E C WH P	1 %
910505102271	DN470B LED20S/830 PSD-E C WH P	-
910505102272	DN470B LED30S/830 PSD-E C WH P	-
910505102288	DN470B LED20S/840 PSD-E C WH P	-

Order Code	Full Product Name	Dimmable
912500100514	DN460B LED11S/830 PSU-E C WH P	No
910505102292	DN472B LED11S/830 PSD-E C WH PCO P	Yes
910505102293	DN472B LED11S/840 PSD-E C WH PCO P	Yes
912500100543	DN472B LED20S/840 PSU-E C WH PCO P	No

Order Code	Full Product Name	Mech. impact protection code	Ingress protection code
912500100547	DN470B LED20S/840 PSU-E C ELP3 WH P	IK02	IP20
910505102284	DN460B LED11S/830 PSD-E C WH P	IK02	IP20
910505102285	DN460B LED11S/840 PSD-E C WH P	IK02	IP20
912500100514	DN460B LED11S/830 PSU-E C WH P	IK02	IP20
910505102292	DN472B LED11S/830 PSD-E C WH PCO P	IK02	IP20
910505102293	DN472B LED11S/840 PSD-E C WH PCO P	IK02	IP20
912500100543	DN472B LED20S/840 PSU-E C WH PCO P	IK06	IP54

Order Code	Full Product Name	Initial chromaticity
910505102289	DN470B LED30S/840 PSD-E C WH P	(0.38, 0.38) SDCM<3
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
910505102284	DN460B LED11S/830 PSD-E C WH P	(0.43, 0.40) SDCM<3
910505102285	DN460B LED11S/840 PSD-E C WH P	(0.38, 0.38) SDCM<3
912500100514	DN460B LED11S/830 PSU-E C WH P	(0.43, 0.40) SDCM<3
910505102292	DN472B LED11S/830 PSD-E C WH PCO P	(0.43, 0.40) SDCM<3
910505102293	DN472B LED11S/840 PSD-E C WH PCO P	(0.38, 0.38) SDCM<3
912500100543	DN472B LED20S/840 PSU-E C WH PCO P	(0.38, 0.38) SDCM<3

Order Code	Full Product Name	Driver failure rate at 5000 h
910505102289	DN470B LED30S/840 PSD-E C WH P	-
912500100523	DN470B LED20S/840 PSU-E C WH P	1 %
912500100547	DN470B LED20S/840 PSU-E C ELP3 WH P	1 %
910505102284	DN460B LED11S/830 PSD-E C WH P	-
910505102285	DN460B LED11S/840 PSD-E C WH P	-
912500100514	DN460B LED11S/830 PSU-E C WH P	1 %
910505102292	DN472B LED11S/830 PSD-E C WH PCO P	-
910505102293	DN472B LED11S/840 PSD-E C WH PCO P	-
912500100543	DN472B LED20S/840 PSU-E C WH PCO P	1 %

Application Conditions

Order Code	Full Product Name	Maximum dim level
910505102286	DN461B LED11S/830 PSD-E C WH P	1%
910505102287	DN461B LED11S/840 PSD-E C WH P	1%
910505102290	DN471B LED20S/830 PSD-E C WH P	1%
910505102291	DN471B LED20S/840 PSD-E C WH P	1%
912500100526	DN471B LED20S/830 PSU-E C WH P	Not applicable
912500101314	DN471B LED30S/830 PSU-E C WH P	Not applicable
912500101315	DN471B LED30S/840 PSU-E C WH P	Not applicable
910505102271	DN470B LED20S/830 PSD-E C WH P	1%
910505102272	DN470B LED30S/830 PSD-E C WH P	1%
910505102288	DN470B LED20S/840 PSD-E C WH P	1%

Order Code	Full Product Name	Maximum dim level
910505102289	DN470B LED30S/840 PSD-E C WH P	1%
912500100523	DN470B LED20S/840 PSU-E C WH P	Not applicable
912500100547	DN470B LED20S/840 PSU-E C ELP3 WH P	Not applicable
910505102284	DN460B LED11S/830 PSD-E C WH P	1%
910505102285	DN460B LED11S/840 PSD-E C WH P	1%
912500100514	DN460B LED11S/830 PSU-E C WH P	Not applicable
910505102292	DN472B LED11S/830 PSD-E C WH PCO P	1%
910505102293	DN472B LED11S/840 PSD-E C WH PCO P	1%
912500100543	DN472B LED20S/840 PSU-E C WH PCO P	Not applicable

