PHILIPS

GreenSpace

DN460B



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

Data subject to change

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
- 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

Versions



GreenSpace Mini, office-compliant reflector, white rim



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



GreenSpace Mini, high-gloss reflector, grey rim



GreenSpace Compact, white reflector, protection cover opal, 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, protection cover clear, white rim



GreenSpace Compact, high-gloss reflector, white rim



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

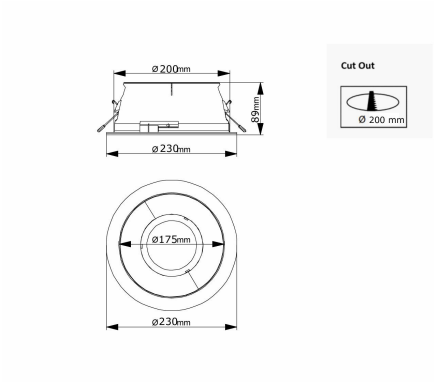


GreenSpace Mini, white reflector, protection cover opal, white rim

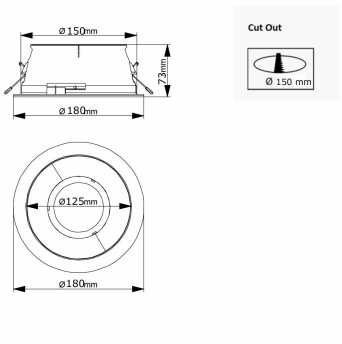


GreenSpace Compact, high-gloss reflector, grey rim

Dimensional drawing



DN510B 30S/840 PSU-E OC WH



DN500B 20S/840 PSU-E OC WH PCC

General Information

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

Light Technical

Color rendering index (CRI)	80
Number of light sources	1

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Suitable for random switching	Yes
Protection class IEC	Safety class II

Controls and Dimming

Dimmable	No

Mechanical and Housing

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 %

Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Optic type
910505105007	DN500B 20S/840 PSU-E OC WH	2,000 lm	4000 K	149 lm/W	High-gloss mirror
910505105010	DN500B 20S/840 PSU-E OC WH PCC	1,950 lm	4000 K	146 lm/W	High-gloss mirror
910505105005	DN500B 20S/840 PSU-E C GR	2,100 lm	4000 K	157 lm/W	High-gloss mirror
910505105016	DN510B 20S/840 PSU-E WR WH PCO	1,950 lm	4000 K	146 lm/W	High-gloss mirror White reflector without louver
910505104972	DN500B 11S/830 PSU-E C WH	1,150 lm	3000 K	149 lm/W	High-gloss mirror
910505105003	DN500B 20S/830 PSU-E C WH	1,950 lm	3000 K	146 lm/W	High-gloss mirror
910505105004	DN500B 20S/840 PSU-E C WH	2,100 lm	4000 K	157 lm/W	High-gloss mirror
910505105014	DN510B 20S/840 PSU-E OC WH	2,000 lm	4000 K	149 lm/W	High-gloss mirror
910505105019	DN510B 30S/840 PSU-E OC WH	3,000 lm	4000 K	156 lm/W	High-gloss mirror
910505105006	DN500B 20S/840 PSU-E C BK	2,100 lm	4000 K	157 lm/W	High-gloss mirror
910505105017	DN510B 20S/840 PSU-E OC WH PCC	1,950 lm	4000 K	146 lm/W	High-gloss mirror
910505105013	DN510B 20S/840 PSU-E C BK	2,100 lm	4000 K	157 lm/W	High-gloss mirror
910505105015	DN510B 20S/840 PSU-E C WH PCC	2,000 lm	4000 K	149 lm/W	High-gloss mirror
910505104973	DN510B 20S/830 PSU-E C WH	1,950 lm	3000 K	146 lm/W	High-gloss mirror
910505105011	DN510B 20S/840 PSU-E C WH	2,100 lm	4000 K	157 lm/W	High-gloss mirror
910505105018	DN510B 30S/840 PSU-E C WH	3,100 lm	4000 K	161 lm/W	High-gloss mirror
910505105008	DN500B 20S/840 PSU-E C WH PCC	2,000 lm	4000 K	149 lm/W	High-gloss mirror
910505105009	DN500B 20S/840 PSU-E WR WH PCO	1,850 lm	4000 K	138 lm/W	High-gloss mirror White reflector without louver
910505105012	DN510B 20S/840 PSU-E C GR	2,100 lm	4000 K	157 lm/W	High-gloss mirror

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
910505105005	DN500B 20S/840 PSU-E C GR	13.4 W
910505105016	DN510B 20S/840 PSU-E WR WH PCO	13.4 W
910505104972	DN500B 11S/830 PSU-E C WH	7.7 W
910505105003	DN500B 20S/830 PSU-E C WH	13.4 W
910505105004	DN500B 20S/840 PSU-E C WH	13.4 W

Order Code	Full Product Name	Power Consumption
910505105014	DN510B 20S/840 PSU-E OC WH	13.4 W
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
910505105015	DN510B 20S/840 PSU-E C WH PCC	13.4 W
910505104973	DN510B 20S/830 PSU-E C WH	13.4 W
910505105011	DN510B 20S/840 PSU-E C WH	13.4 W
910505105018	DN510B 30S/840 PSU-E C WH	19.2 W
910505105008	DN500B 20S/840 PSU-E C WH PCC	13.4 W
910505105009	DN500B 20S/840 PSU-E WR WH PCO	13.4 W
910505105012	DN510B 20S/840 PSU-E C GR	13.4 W

Mechanical and Housing

Order Code	Full Product Name	Housing Color	Ingress protection code
910505105007	DN500B 20S/840 PSU-E OC WH	White	IP20
910505105010	DN500B 20S/840 PSU-E OC WH PCC	White	IP20/54
910505105005	DN500B 20S/840 PSU-E C GR	Gray	IP20
910505105016	DN510B 20S/840 PSU-E WR WH PCO	White	IP20/54
910505104972	DN500B 11S/830 PSU-E C WH	White	IP20
910505105003	DN500B 20S/830 PSU-E C WH	White	IP20
910505105004	DN500B 20S/840 PSU-E C WH	White	IP20
910505105014	DN510B 20S/840 PSU-E OC WH	White	IP20
910505105019	DN510B 30S/840 PSU-E OC WH	White	IP20
910505105006	DN500B 20S/840 PSU-E C BK	Black	IP20
910505105017	DN510B 20S/840 PSU-E OC WH PCC	White	IP20/54
910505105013	DN510B 20S/840 PSU-E C BK	Black	IP20
910505105015	DN510B 20S/840 PSU-E C WH PCC	White	IP20/54
910505104973	DN510B 20S/830 PSU-E C WH	White	IP20
910505105011	DN510B 20S/840 PSU-E C WH	White	IP20
910505105018	DN510B 30S/840 PSU-E C WH	White	IP20
910505105008	DN500B 20S/840 PSU-E C WH PCC	White	IP20/54
910505105009	DN500B 20S/840 PSU-E WR WH PCO	White	IP20/54
910505105012	DN510B 20S/840 PSU-E C GR	Gray	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
910505105005	DN500B 20S/840 PSU-E C GR	DN500B

Order Code	Full Product Name	Product family code
910505105016	DN510B 20S/840 PSU-E WR WH PCO	DN510B
910505104972	DN500B 11S/830 PSU-E C WH	-
910505105003	DN500B 20S/830 PSU-E C WH	DN500B
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
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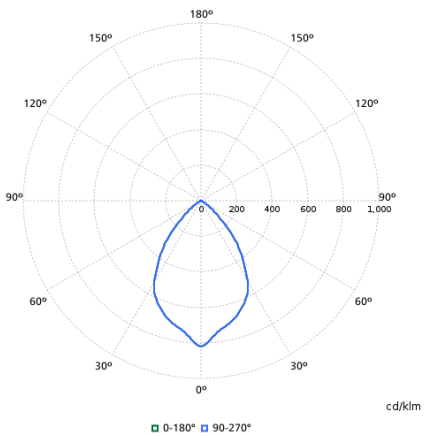
910505105013	DN510B 20S/840 PSU-E C BK	DN510B
910505105015	DN510B 20S/840 PSU-E C WH PCC	DN510B
910505104973	DN510B 20S/830 PSU-E C WH	-
910505105011	DN510B 20S/840 PSU-E C WH	DN510B
910505105018	DN510B 30S/840 PSU-E C WH	DN510B
910505105008	DN500B 20S/840 PSU-E C WH PCC	DN500B
910505105009	DN500B 20S/840 PSU-E WR WH PCO	DN500B
910505105012	DN510B 20S/840 PSU-E C GR	DN510B

Polar normal diagrams



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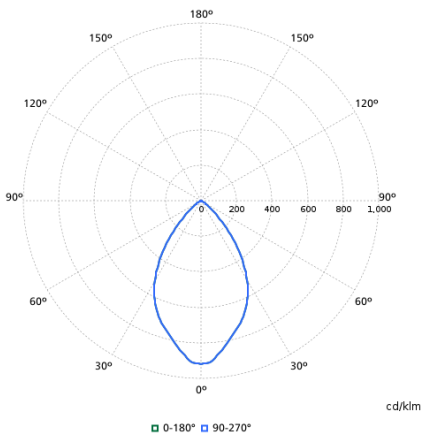

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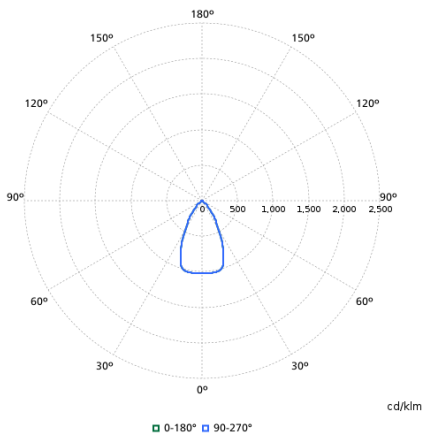

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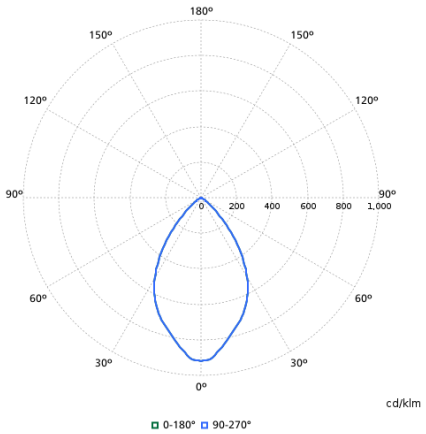

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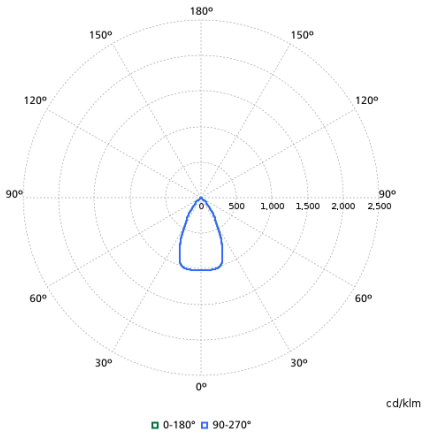

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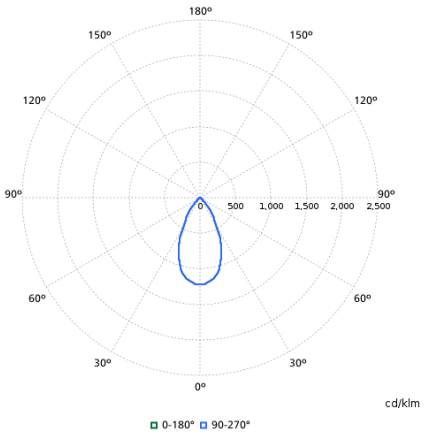

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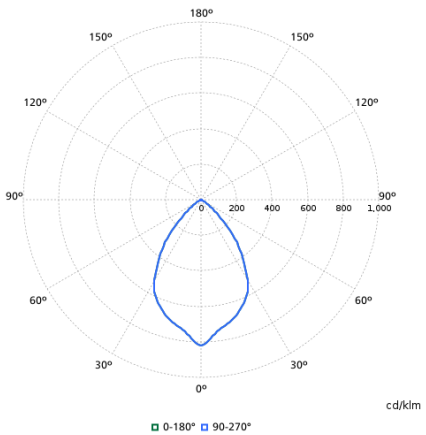

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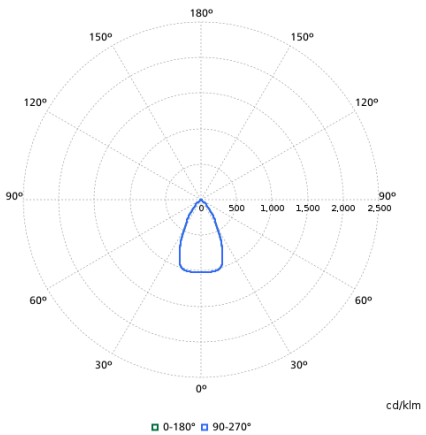

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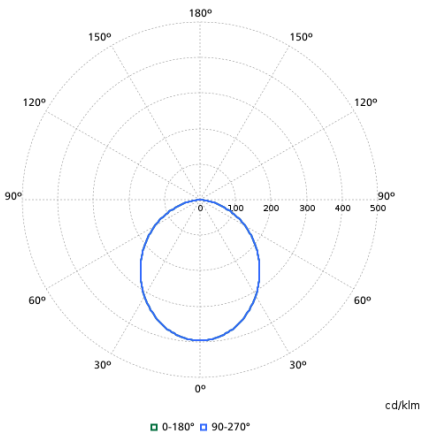

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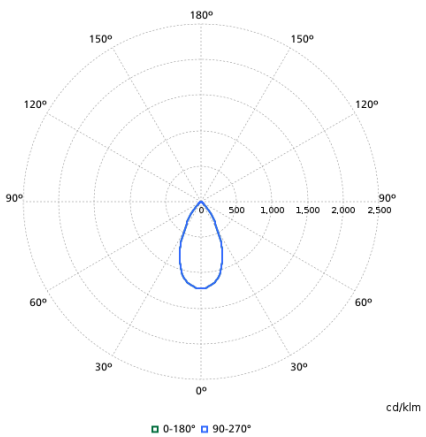

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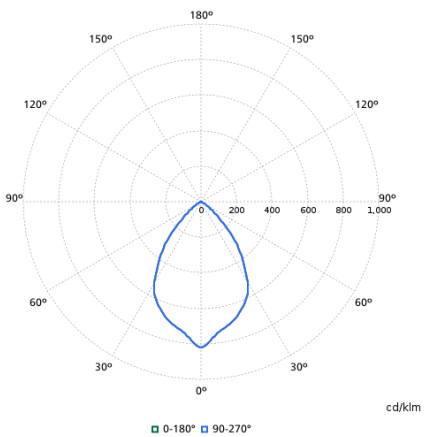

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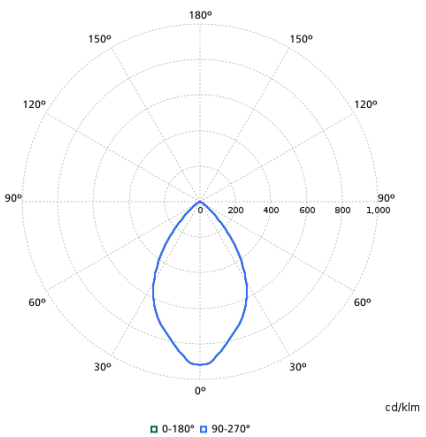

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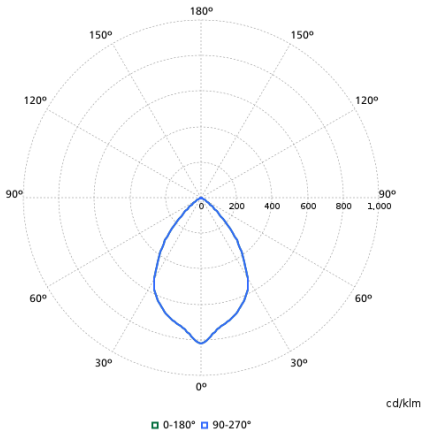

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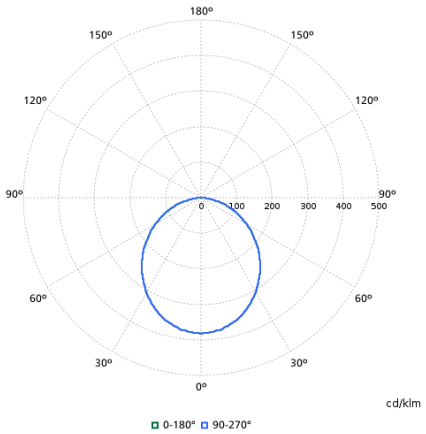

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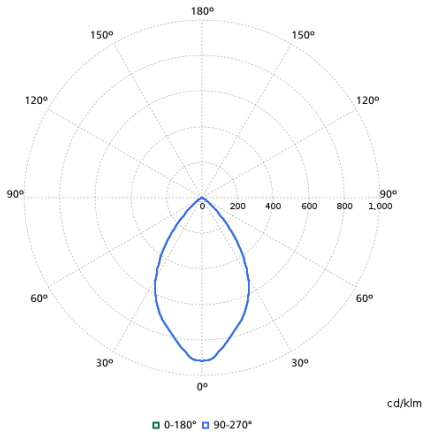

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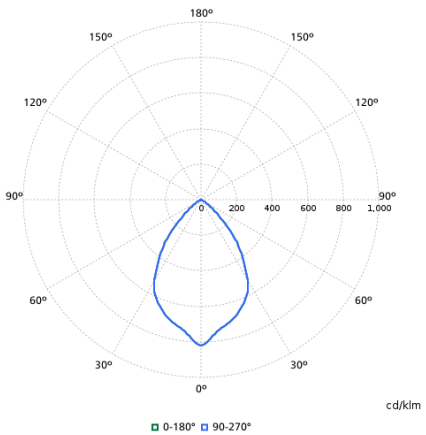

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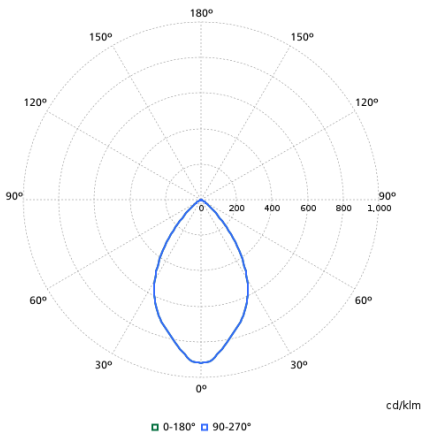

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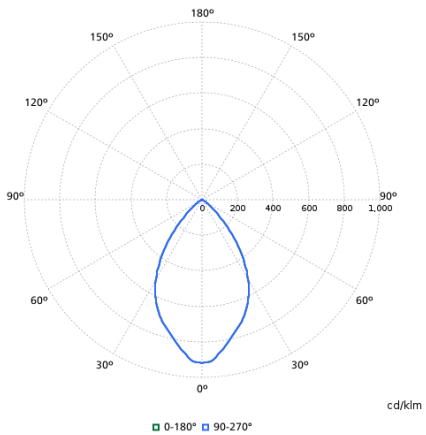

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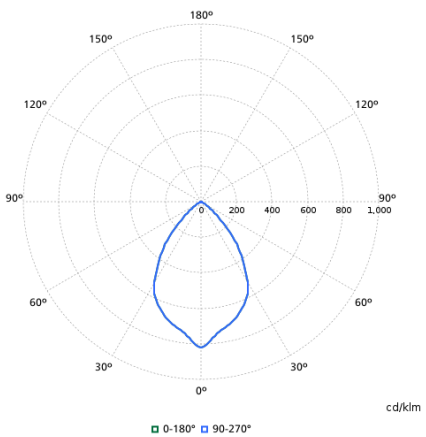

DN510B 20S/830 PSU-E C WH
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