



GreenSpace – high-efficiency sustainable LED solution

Customers want to strike the ideal balance between their initial investment and the cost of the installation during its lifetime. GreenSpace is a cost-efficient and sustainable downlight that can be used to replace conventional CFL downlights in general lighting applications. It features the latest LED technology, which enables extremely low power consumption, while delivering consistent light output, stable color performance and high color rendering. The product's long lifetime makes it a true 'fit and forget' solution.

Benefits

- High system efficacy: > 80 lm/W (mini, DN460B/DN461B); > 100 lm/W (compact, DN470B/DN471B)
- Up to 70% energy saving: total cost of ownership recovered in less than 2 years
- Office lighting norm-compliant, with stable color performance and high color rendering

Applications

- Offices
- Retail
- Hotels and hospitals

Features

- Energy-efficient, durable LED technology
- High system efficacy: > 80 lm/W (mini, DN460B/DN461B); > 100 lm/W (compact, DN470B/DN471B)
- Stable color performance and high color rendering
- Available with IP44 or emergency lighting
- Available in UGR22 and UGR19 versions

Versions



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

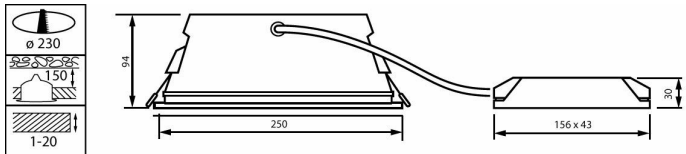
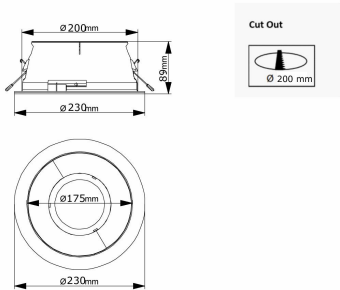


GreenSpace perfect fit 230mm cut-out



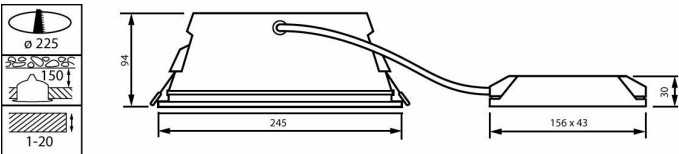
GreenSpace perfect fit family

Dimensional drawing



TCTT230 20S/840 PSU-E WH

DN510B 20S/840 PSU-E C WH PCC



TCTT225 20S/840 PSU-E WH

General Information

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

Light Technical

Correlated Color Temperature (Nom)	4000 K
Number of light sources	1
Beam angle of light source	90 degree(s)

Operating and Electrical

Line Frequency	50 to 60 Hz
Suitable for random switching	No
Protection class IEC	Safety class II

Controls and Dimming

Dimmable	No
Embedded control	-

Mechanical and Housing

Mech. impact protection code	IK02 [0.2 J standard]
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Emergency Operation

Central Emergency	No
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Approval and Application

Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	10 %
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Light Technical

Order Code	Full Product Name	Luminous Flux	Luminous Efficacy (rated) (Nom)	Color rendering index (CRI)	Optic type
83905200	DN510B 20S/840 PSU-E C WH PCC	2,000 lm	149 lm/W	80	High-gloss mirror
56409100	TCTT225 20S/840 PSU-E WH	1,964 lm	148 lm/W	>80	Beam angle 90°
56410700	TCTT230 20S/840 PSU-E WH	1,964 lm	148 lm/W	>80	Beam angle 90°

Operating and Electrical

Order Code	Full Product Name	Input Voltage	Power Consumption
83905200	DN510B 20S/840 PSU-E C WH PCC	220 to 240 V	13.4 W
56409100	TCTT225 20S/840 PSU-E WH	220/240 V	13.3 W
56410700	TCTT230 20S/840 PSU-E WH	220/240 V	13.3 W

Mechanical and Housing

Order Code	Full Product Name	Housing Color	Ingress protection code
83905200	DN510B 20S/840 PSU-E C WH PCC	Gray	IP20/54
56409100	TCTT225 20S/840 PSU-E WH	White	IP20
56410700	TCTT230 20S/840 PSU-E WH	White	IP20

Approval and Application

Order Code	Full Product Name	Glow-wire test	Ambient temperature range
83905200	DN510B 20S/840 PSU-E C WH PCC	Temperature 650 °C, duration 30 s	+10 to +35 °C
56409100	TCTT225 20S/840 PSU-E WH	Temperature 750 °C, duration 30 s	+10 to +40 °C
56410700	TCTT230 20S/840 PSU-E WH	Temperature 750 °C, duration 30 s	+10 to +40 °C

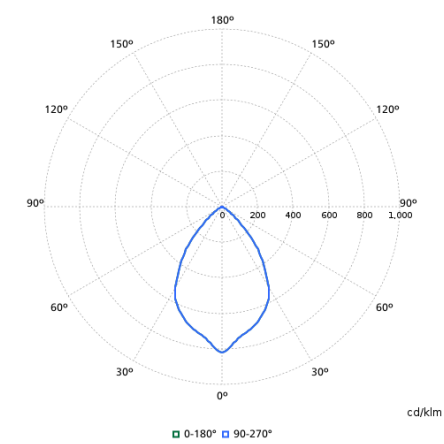
Initial Performance (IEC Compliant)

Order Code	Full Product Name	Luminous flux tolerance	Initial chromaticity
83905200	DN510B 20S/840 PSU-E C WH PCC	+/-10%	(0.38, 0.38) SDCM <3
56409100	TCTT225 20S/840 PSU-E WH	-10% / +10%	(0.38, 0.38) SDCM < 3
56410700	TCTT230 20S/840 PSU-E WH	-10% / +10%	(0.38, 0.38) SDCM < 3

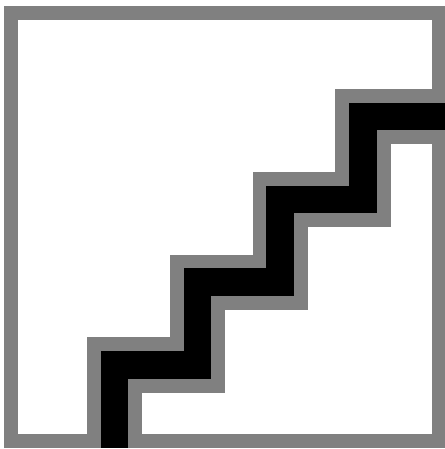
Product Data

Order Code	Full Product Name	Product family code
83905200	DN510B 20S/840 PSU-E C WH PCC	DN510B
56409100	TCTT225 20S/840 PSU-E WH	TCTTPF
56410700	TCTT230 20S/840 PSU-E WH	TCTTPF

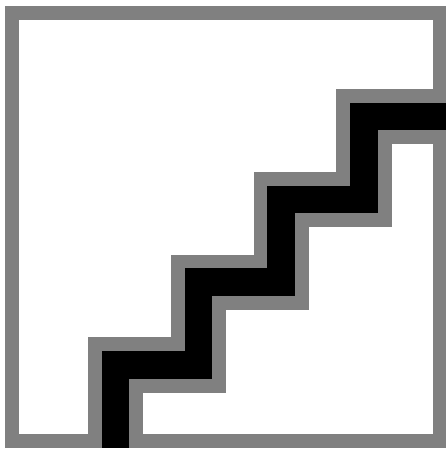
Polar normal diagrams



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TCTTPFI - 912500102954



TCTTPFI - 912500102953

