



LuxSpace Compact, recessed: UltraEfficient , stylish, and designed for circularity

LuxSpace Compact, recessed

Philips LuxSpace is designed to provide the perfect combination of efficiency, high visual comfort, and stylish design without compromising on lighting performance. LuxSpace offers a long lifetime and efficacy of up to 185 lm/W, along with excellent color rendering and light distribution which have a major influence on the visual and non-visual effects of light on human health and well-being. The LuxSpace downlight family offers a wide choice of options for creating the desired ambience and supporting user comfort, no matter what the application is. For office applications, LuxSpace offers dedicated tunable white luminaires with lighting controls for circadian lighting solutions and office-compliant versions (UGR19).

Benefits

- Best-in-class efficacy of up to 185 lm/ W
- Gentle, natural light ensures visual comfort
- Extensive design options with mounting types, rim colors, and reflectors
- Perfect ceiling integration with narrow rim or rimless versions for plaster ceilings
- Improved glare control complies with office lighting standards
- High color rendering up to CRI 90 (R9>50)
- Provides uniform lighting thanks to wide light distribution
- Supports circadian lighting solutions with tunable white luminaires and integrated lighting controls

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Features

- Mini (DN560B/DN561B), Compact (DN610B) and Square (DN572B) types for recessed applications
- Surface-mounted round (DN570C/DN571C) versions
- Choice of five optics: high gloss, faded lines, matte, white and black
- UGR19 is standard for Compact and optional for other versions
- White (RAL9003), gray (RAL9006), and black (RAL9004) are standard, with any other RAL color possible upon request
- Compliant for central emergency lighting with DC (PSED driver type)
- Multiple additional options: PG and PGO (IP54 front face), emergency lighting (single battery 3 hours), through-wiring, Eca and B2ca cable and connector options
- Extended useful lifetime of 50,000 hours at L90

Application

- Offices
- Retail
- Hospitals and Care Centers
- Hospitality
- Airports
- Municipal Buildings
- Atriums

Versions

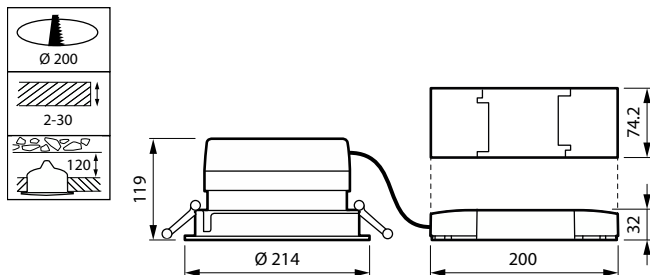
LuxSpace Compact, Recessed -
Clear reflector, Black Rim



LuxSpace Compact, Recessed -
Protection Glass Opal



Dimensional drawing



LuxSpace Compact, recessed

Product details

LuxSpace Compact, Recessed -
Clear reflector, White Rim



General Information

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

Light Technical

Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	>80
Optic type	-

Operating and Electrical

Protection class IEC	Safety class II
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Suitable for random switching	No

Approval and Application

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

Initial Performance (IEC Compliant)

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

Product Data

Product family code	DN610B
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Light Technical

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux
83584900	DN610B 20S/840UE PSU-E C BK	185 lm/W	2,000 lm
83581800	DN610B 20S/840UE PSU-E C WH PGO	185 lm/W	2,000 lm
83569600	DN610B 24S/840UE PSU-E C WH	187 lm/W	2,500 lm
83574000	DN610B 40S/840UE PSU-E C WH	168 lm/W	4,200 lm
83578800	DN610B 60S/840UE PSU-E C WH	159 lm/W	5,900 lm
83605100	DN610B 24S/840UE PSD-E C WH	169 lm/W	2,500 lm
83608200	DN610B 40S/840UE PSD-E C WH	162 lm/W	4,200 lm
83611200	DN610B 20S/840UE DIA-E C WH	169 lm/W	2,200 lm
83628000	DN610B 20S/840UE WIA-E C WH	159 lm/W	2,200 lm
83634100	DN610B 40S/840UE WIA-E C WH	142 lm/W	4,200 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
83584900	DN610B 20S/840UE PSU-E C BK	10.8 W
83581800	DN610B 20S/840UE PSU-E C WH PGO	10.8 W

Order Code	Full Product Name	Power Consumption
83569600	DN610B 24S/840UE PSU-E C WH	13.4 W
83574000	DN610B 40S/840UE PSU-E C WH	25 W

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Order Code	Full Product Name	Power Consumption
83578800	DN610B 60S/840UE PSU-E C WH	37 W
83605100	DN610B 24S/840UE PSD-E C WH	14.8 W
83608200	DN610B 40S/840UE PSD-E C WH	26 W

Order Code	Full Product Name	Power Consumption
83611200	DN610B 20S/840UE DIA-E C WH	13 W
83628000	DN610B 20S/840UE WIA-E C WH	13.8 W
83634100	DN610B 40S/840UE WIA-E C WH	29.5 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
83584900	DN610B 20S/840UE PSU-E C BK	No
83581800	DN610B 20S/840UE PSU-E C WH PGO	No
83569600	DN610B 24S/840UE PSU-E C WH	No
83574000	DN610B 40S/840UE PSU-E C WH	No
83578800	DN610B 60S/840UE PSU-E C WH	No

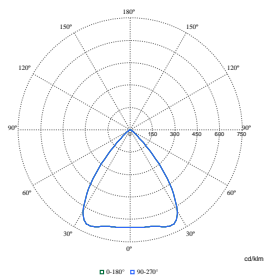
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83605100	DN610B 24S/840UE PSD-E C WH	Yes
83608200	DN610B 40S/840UE PSD-E C WH	Yes
83611200	DN610B 20S/840UE DIA-E C WH	Yes
83628000	DN610B 20S/840UE WIA-E C WH	Yes
83634100	DN610B 40S/840UE WIA-E C WH	Yes

Mechanical and Housing

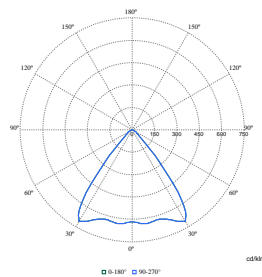
Order Code	Full Product Name	Housing Color	Mech. impact protection code	Ingress protection code
83584900	DN610B 20S/840UE PSU-E C BK	Black	IK03	IP20
83581800	DN610B 20S/840UE PSU-E C WH PGO	White	IK03	IP20/54
83569600	DN610B 24S/840UE PSU-E C WH	White	IK03	IP20
83574000	DN610B 40S/840UE PSU-E C WH	White	IK02	IP20
83578800	DN610B 60S/840UE PSU-E C WH	White	IK02	IP20

Order Code	Full Product Name	Housing Color	Mech. impact protection code	Ingress protection code
83605100	DN610B 24S/840UE PSD-E C WH	White	IK02	IP20
83608200	DN610B 40S/840UE PSD-E C WH	White	IK02	IP20
83611200	DN610B 20S/840UE DIA-E C WH	White	IK02	IP20
83628000	DN610B 20S/840UE WIA-E C WH	White	IK02	IP20
83634100	DN610B 40S/840UE WIA-E C WH	White	IK02	IP20

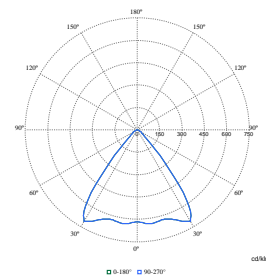
Polar Wide Diagrams



Polar Normal (separate) - DN610BI - 910505104691



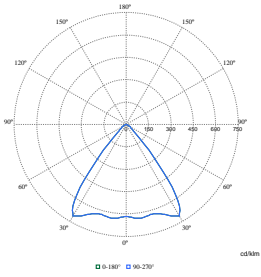
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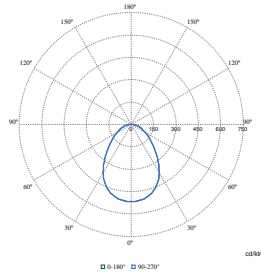
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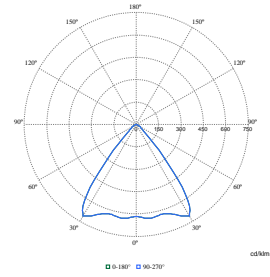
Polar Wide Diagrams



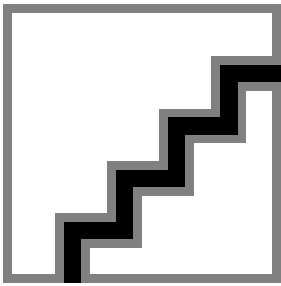
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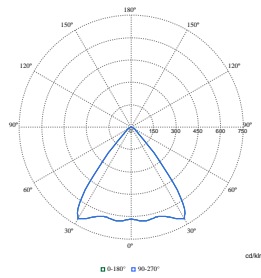
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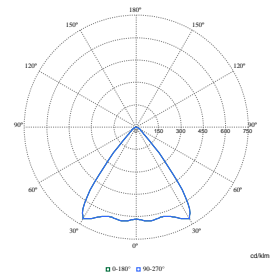
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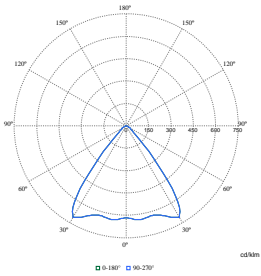
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910505104719



Polar Normal (separate) - DN610BI -
910505104748



Polar Normal (separate) - DN610BI -
910505104742



Polar Normal (separate) - DN610BI -
910505104725

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