



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

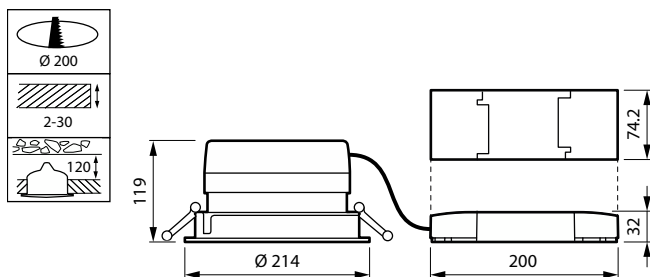
- Offices
- Retail
- Hospitals and Care Centers
- Hospitality
- Airports
- Municipal Buildings
- Atriums

Versions

LuxSpace Compact, Recessed -
Protection Glass Opal



Dimensional drawing



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Product details



LuxSpace Compact, Recessed -
Clear reflector, White Rim

General Information

Driver included	Yes
Number of gear units	1 unit

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

Mechanical and Housing

Housing Color	White
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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
83581800	DN610B 20S/840UE PSU-E C WH PGO	185 lm/W	2,000 lm
83602000	DN610B 20S/840UE PSD-E C WH	162 lm/W	2,100 lm
83617400	DN610B 60S/840UE PSD-E C WH	157 lm/W	5,900 lm

Operating and Electrical

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Order Code	Full Product Name	Power Consumption
83581800	DN610B 20S/840UE PSU-E C WH PGO	10.8 W
83602000	DN610B 20S/840UE PSD-E C WH	13 W

Order Code	Full Product Name	Power Consumption
83617400	DN610B 60S/840UE PSD-E C WH	37.5 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
83581800	DN610B 20S/840UE PSU-E C WH PGO	No
83602000	DN610B 20S/840UE PSD-E C WH	Yes

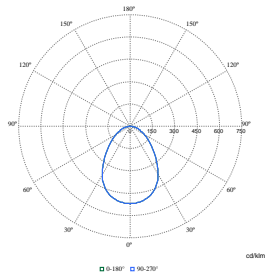
Order Code	Full Product Name	Dimmable
83617400	DN610B 60S/840UE PSD-E C WH	Yes

Mechanical and Housing

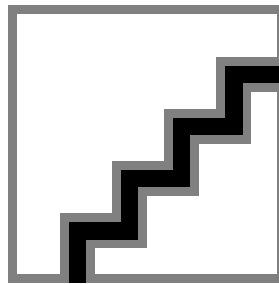
Order Code	Full Product Name	Mech. impact protection code	Ingress protection code
83581800	DN610B 20S/840UE PSU-E C WH PGO	IK03	IP20/54

Order Code	Full Product Name	Mech. impact protection code	Ingress protection code
83602000	DN610B 20S/840UE PSD-E C WH	IK02	IP20
83617400	DN610B 60S/840UE PSD-E C WH	IK02	IP20

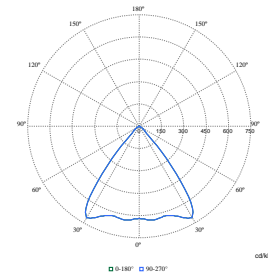
Polar Wide Diagrams



Polar Normal (separate) - DN610BI - 910505104694



Polar Normal (separate) - DN610BI - 910505104731



Polar Normal (separate) - DN610BI - 910505104716

