



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 -
Matt reflector, Silver Rim



LuxSpace Compact, Recessed -
Protection Glass



LuxSpace Compact, Recessed -
Black reflector, Black Rim



LuxSpace Compact, Recessed -
Protection Glass Opal

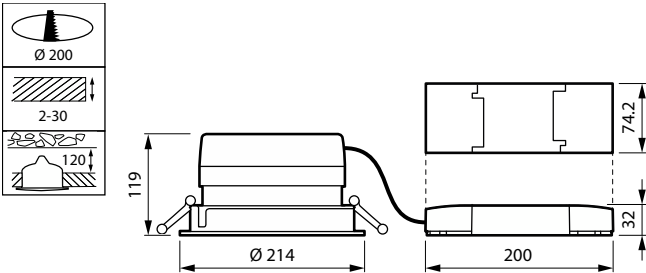
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Versions

LuxSpace Compact, Recessed -
Clear reflector, White Rim, 240mm
cut-out



Dimensional drawing



Product details

LuxSpace Compact, Recessed -
Black reflector, Black Rim



LuxSpace Compact, Recessed -
Black reflector, Black Rim



LuxSpace Compact, Recessed -
Matt reflector, Silver Rim



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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	
Mech. impact protection code	IK02
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

Light Technical

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux
910505104704	DN610B 20S/840 PSU-E M SI	117 lm/W	2,100 lm
910505104693	DN610B 20S/840UE PSU-E C WH PG	185 lm/W	2,000 lm
910505104701	DN610B 20S/840 PSU-E BKR BK	96 lm/W	2,200 lm
910505104696	DN610B 24S/840UE PSU-E C WH PGO	187 lm/W	2,500 lm
910505104728	DN610B 20S/840UE DIA-VLC-E C WH	169 lm/W	2,200 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910505104704	DN610B 20S/840 PSU-E M SI	18 W
910505104693	DN610B 20S/840UE PSU-E C WH PG	10.8 W
910505104701	DN610B 20S/840 PSU-E BKR BK	23 W

Order Code	Full Product Name	Power Consumption
910505104696	DN610B 24S/840UE PSU-E C WH PGO	13.4 W
910505104728	DN610B 20S/840UE DIA-VLC-E C WH	13 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
910505104704	DN610B 20S/840 PSU-E M SI	No
910505104693	DN610B 20S/840UE PSU-E C WH PG	No
910505104701	DN610B 20S/840 PSU-E BKR BK	No

Order Code	Full Product Name	Dimmable
910505104696	DN610B 24S/840UE PSU-E C WH PGO	No
910505104728	DN610B 20S/840UE DIA-VLC-E C WH	Yes

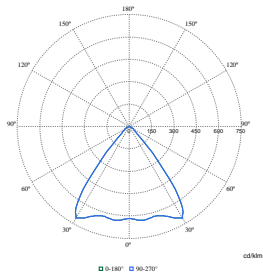
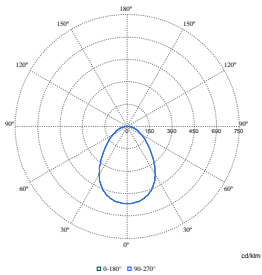
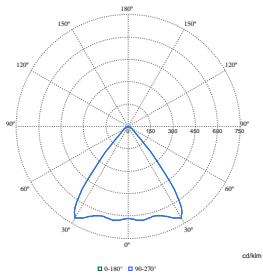
Mechanical and Housing

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Order Code	Full Product Name	Housing Color	Ingress protection code
910505104704	DN610B 20S/840 PSU-E M SI	Silver	IP20
910505104693	DN610B 20S/840UE PSU-E C WH PG	White	IP20/54
910505104701	DN610B 20S/840 PSU-E BKR BK	Black	IP20

Order Code	Full Product Name	Housing Color	Ingress protection code
910505104696	DN610B 24S/840UE PSU-E C WH PGO	White	IP20/54
910505104728	DN610B 20S/840UE DIA-VLC-E C WH	White	IP20

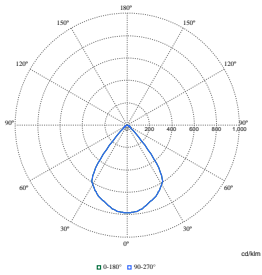
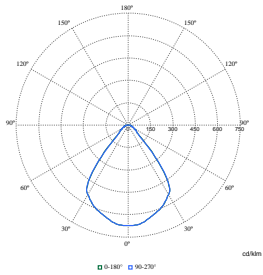
Polar Wide Diagrams



Polar Normal (separate) - DN610BI - 910505104693

Polar Normal (separate) - DN610BI - 910505104696

Polar Normal (separate) - DN610BI - 910505104728



Polar Normal (separate) - DN610BI - 910505104704

Polar Normal (separate) - DN610BI - 910505104701

