

LuxSpace Compact, recessed

DN610B



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

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

Applications

- Offices
- Retail
- Hospitals and Care Centers
- Hospitality
- Airports

- Municipal Buildings
- Atriums

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

Versions

LuxSpace Compact, Recessed
- Matt reflector, Silver Rim



LuxSpace Compact, Recessed
- Black reflector, Black Rim



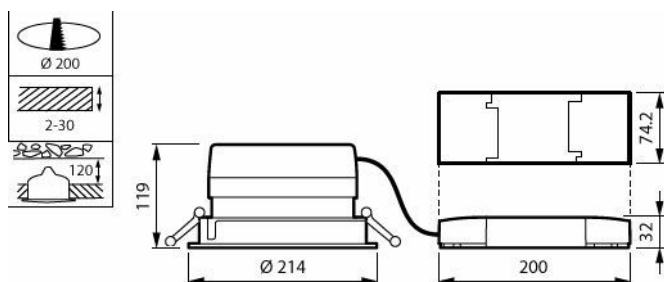
LuxSpace Compact, Recessed
- Protection Glass Opal



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



Dimensional drawing



DN610B 20S/840 PSU-E M SI

Product details



LuxSpace Compact, Recessed
- Black reflector, Black Rim



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LuxSpace Compact, Recessed
- Matt reflector, Silver Rim

General Information

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

Light Technical

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

Operating and Electrical

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

Approval and Application

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

Initial Performance (IEC Compliant)

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

Product Data

Product family code	DN610B [LuxSpace Compact, recessed]
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Light Technical

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

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910505104704	DN610B 20S/840 PSU-E M SI	18 W
910505104701	DN610B 20S/840 PSU-E BKR BK	23 W
910505104696	DN610B 24S/840UE PSU-E C WH PGO	13.4 W
910505104728	DN610B 20S/840UE DIA-VLC-E C WH	13 W

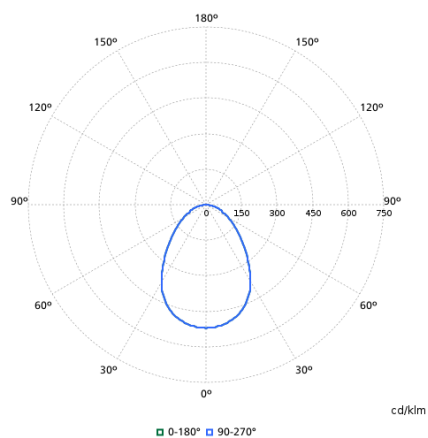
Controls and Dimming

Order Code	Full Product Name	Dimmable
910505104704	DN610B 20S/840 PSU-E M SI	No
910505104701	DN610B 20S/840 PSU-E BKR BK	No
910505104696	DN610B 24S/840UE PSU-E C WH PGO	No
910505104728	DN610B 20S/840UE DIA-VLC-E C WH	Yes

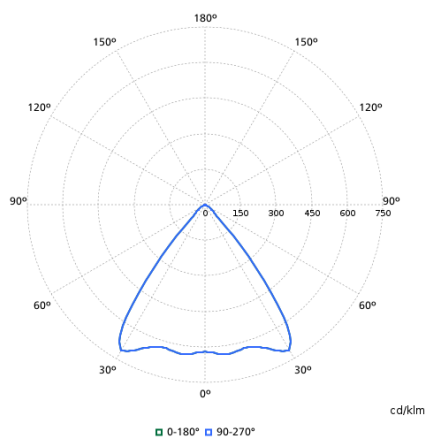
Mechanical and Housing

Order Code	Full Product Name	Housing Color	Ingress protection code	Mech. impact protection code
910505104704	DN610B 20S/840 PSU-E M SI	Silver	IP20	IK03
910505104701	DN610B 20S/840 PSU-E BKR BK	Black	IP20	IK03
910505104696	DN610B 24S/840UE PSU-E C WH PGO	White	IP20/54	IK03
910505104728	DN610B 20S/840UE DIA-VLC-E C WH	White	IP20	IK02

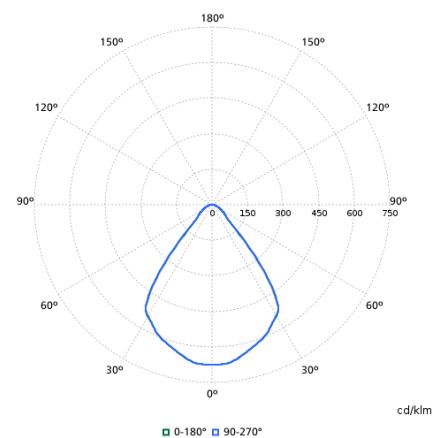
Polar normal diagrams



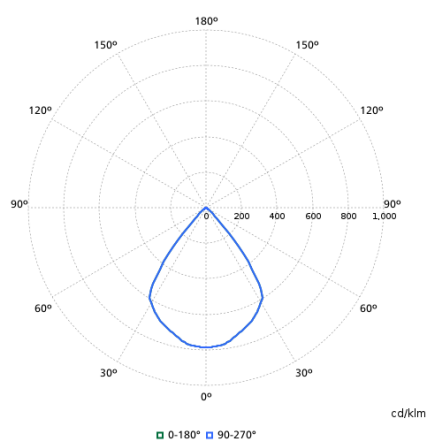
DN610BI - 910505104696



DN610BI - 910505104728



DN610BI - 910505104704



DN610BI - 910505104701