



Philips 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 colour 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 colours and reflectors
- Perfect ceiling integration with narrow rim or rimless versions for plaster ceilings
- Improved glare control complies with office lighting standards
- High colour 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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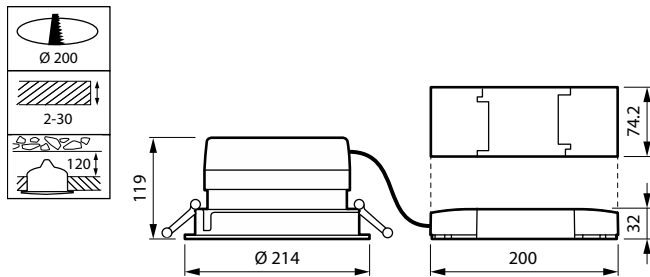
Features

- 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), grey (RAL9006) and black (RAL9004) are standard, with any other RAL colour 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 centres
- Hospitality
- Airports
- Municipal Buildings
- Atriums

Dimensional drawing



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General Information

Driver included	Yes
Number of gear units	Unit

Light Technical

Correlated Colour Temperature (Nom)	4000 K
Colour 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 Colour	White
Mech. impact protection code	IK02
Ingress protection code	IP20

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
910505104687	DN610B 40S/840UE PSU-E C WH	168 lm/W	4,200 lm
910505104691	DN610B 60S/840UE PSU-E C WH	158 lm/W	5,900 lm
910505104731	DN610B 60S/840UE PSD-E C WH	158 lm/W	5,900 lm
910505104745	DN610B 24S/840UE WIA-E C WH	167 lm/W	2,400 lm
910505104748	DN610B 40S/840UE WIA-E C WH	142 lm/W	4,200 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910505104687	DN610B 40S/840UE PSU-E C WH	25 W
910505104691	DN610B 60S/840UE PSU-E C WH	37 W
910505104731	DN610B 60S/840UE PSD-E C WH	37.5 W

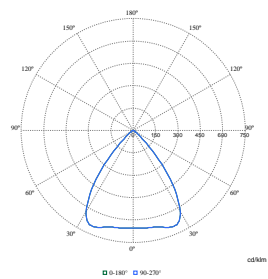
Order Code	Full Product Name	Power Consumption
910505104745	DN610B 24S/840UE WIA-E C WH	14.4 W
910505104748	DN610B 40S/840UE WIA-E C WH	29.5 W

Controls and Dimming

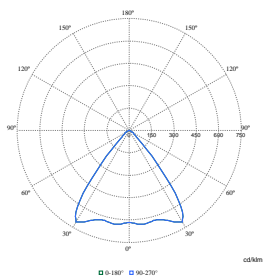
Order Code	Full Product Name	Dimmable
910505104687	DN610B 40S/840UE PSU-E C WH	No
910505104691	DN610B 60S/840UE PSU-E C WH	No
910505104731	DN610B 60S/840UE PSD-E C WH	Yes

Order Code	Full Product Name	Dimmable
910505104745	DN610B 24S/840UE WIA-E C WH	Yes
910505104748	DN610B 40S/840UE WIA-E C WH	Yes

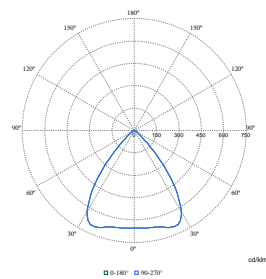
Polar Wide Diagrams



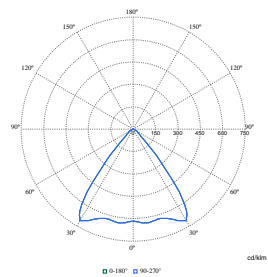
Polar Normal (separate) - DN610BI -
910505104691



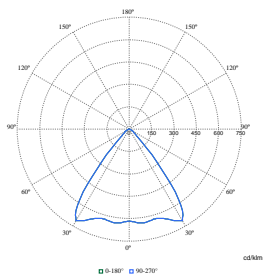
Polar Normal (separate) - DN610BI -
910505104687



Polar Normal (separate) - DN610BI -
910505104731



Polar Normal (separate) - DN610BI -
910505104748



Polar Normal (separate) - DN610BI -
910505104745

