



LuxSpace Compact, recessed

DN610B 60S/840UE PSD-E C WH

LuxSpace Compact, recessed, UltraEfficient, 37.5 W, D200 mm, 5900 lm, 4000 K, DALI, High-gloss reflector

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).

Product data

General Information		Sustainability rating	
Number of gear units	1 unit	Unclassified	
Driver included	Yes	Light Technical	
Mounting	Recessed	Luminous Flux	5,900 lm
Value ladder	Specification	Correlated Color Temperature (Nom)	4000 K
Serviceability class	Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge protection device, optics, front cover and mechanical parts	Luminous Efficacy (rated) (Nom)	157 lm/W
Warranty period	5 years	Color rendering index (CRI)	>80
		Light source color	840 neutral white
		Optic type	-
		Luminaire light beam spread	-
		Unified glare rating CEN	22

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Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	9 A
Inrush time	0.022 ms
Power Consumption	37.5 W
Power Factor (Fraction)	0.9
Connection	-
Cable	-
Number of products on MCB of 16 A type B	40
Suitable for random switching	No
Protection class IEC	Safety class II

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface external
Control interface	DALI
Constant light output	No
DALI Standard	DALI-2™

Mechanical and Housing

Housing Material	Plastic
Reflector material	Polycarbonate aluminum coated
Optic material	-
Optical cover material	-
Fixation material	-
Housing Color	White
Optical cover finish	-
Reflector Finish	High-gloss reflector
Overall height	116 mm
Overall diameter	214 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	1.100 kg

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
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	+10 to +35 °C

Initial Performance (IEC Compliant)

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

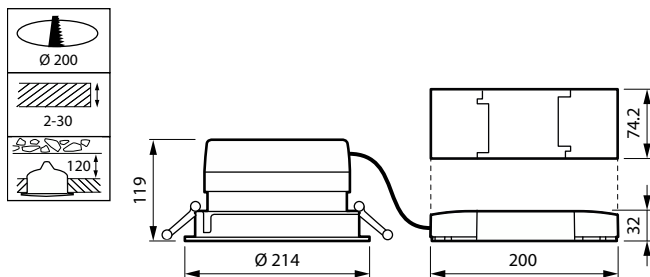
Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90

Product Data

Order product name	DN610B 60S/840UE PSD-E C WH
Full product name	DN610B 60S/840UE PSD-E C WH
Full product code	872016983617400
Order code	910505104731
Material Nr. (12NC)	910505104731
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169836174
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169836174
Product family code	DN610B [LuxSpace Compact, recessed]

Dimensional drawing



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Photometric data



Polar Normal (separate) - DN610BI - 910505104731

