



LuxSpace Compact, recessed

DN610B 24S/840UE PSU-E C WH

LuxSpace Compact, recessed, UltraEfficient, 13.4 W, D200 mm, 2500 lm, 4000 K, UGR19, 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	
Number of gear units	1 unit
Driver included	Yes
Mounting	Recessed
Value ladder	Specification
Warranty period	5 years
Sustainability rating	Unclassified
Light Technical	
Luminous Flux	2,500 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	187 lm/W

Color rendering index (CRI)	>80
Light source color	840 neutral white
Optic type	-
Luminaire light beam spread	-
Unified glare rating CEN	19
Sustainability Data	
Product non-virgin material ratio	7.7 %
GWP total B6 (kg CO2eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO2eq / kwh)

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GWP total B6 (kg CO2eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) /lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO2 eq / kwh)
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Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	12.78 A
Inrush time	0.183 ms
Power Consumption	13.4 W
Power Factor (Fraction)	0.9
Connection	-
Cable	-
Number of products on MCB of 16 A type B	135
Suitable for random switching	No
Protection class IEC	Safety class II

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit external (On/Off)
Constant light output	No

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	IK03 [0.3 J]
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%

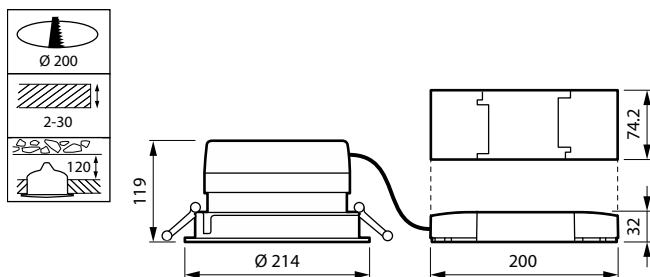
Over Time Performance (IEC Compliant)

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

Product Data

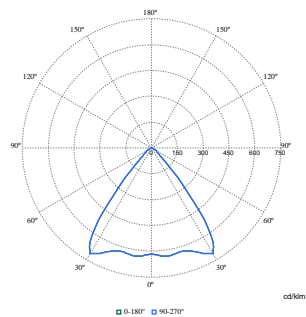
Order product name	DN610B 24S/840UE PSU-E C WH
Full product name	DN610B 24S/840UE PSU-E C WH
Full product code	872016983569600
Order code	83569600
Material Nr. (12NC)	910505104682
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169835696
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169835696
Product family code	DN610B [LuxSpace Compact, recessed]

Dimensional drawing



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Photometric data



Polar Normal (separate) - DN610BI - 910505104682

