



LuxSpace Compact, recessed

DN610B 24S/840UE PSU-E FLR WH

LuxSpace Compact, recessed, UltraEfficient, 13.4 W, D200 mm, 2500 lm, 4000 K, UGR19

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).

Product data

General Information		Colour rendering index (CRI)	
Number of gear units	Unit		>80
Driver included	Yes	Light source colour	840 neutral white
Mounting	Recessed	Optic type	-
Value ladder	Specification	Luminaire light beam spread	-
Warranty period	5 years	Unified Glare Rating (CEN)	19
Sustainability rating	Unclassified		
Light Technical		Operating and Electrical	
Luminous Flux	2,500 lm	Input Voltage	220-240 V
Correlated Colour Temperature (Nom)	4000 K	Line Frequency	50 to 60 Hz
Luminous efficacy (rated) (nom.)	187 lm/W	Inrush current	12.78 A
		Inrush time	0.183 ms
		Power Consumption	13.4 W

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Power Factor (Fraction)	0.9
Connection	-
Cable	-
Number of products on MCB (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	Aluminium and polycarbonate
Optic material	-
Optical cover/lens material	-
Fixation material	-
Housing Colour	White
Optical cover/lens finish	-
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%

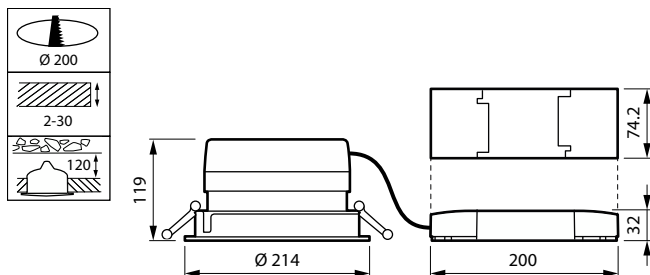
Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90

Product Data

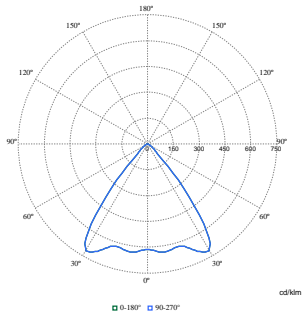
Order product name	DN610B 24S/840UE PSU-E FLR WH
Full product name	DN610B 24S/840UE PSU-E FLR WH
Full EOC	872016983570200
Order code	910505104683
Material no. (12 NC)	910505104683
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169835702
Numerator – packs per outer box	1
EAN/UPC – Case	8720169835702
Product family code	DN610B [LuxSpace Compact, recessed]

Dimensional drawing



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Photometric data



Polar Normal (separate) - DN610BI - 910505104683

