



# LuxSpace Compact, recessed

## DN610B 20S/840UE PSU-E C WH PGO

LuxSpace Compact, recessed, UltraEfficient, 10.8 W, D200 mm, 2000 lm, 4000 K, UGR19, High-gloss reflector, Opal, IP20/54

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
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
Warranty period	5 years

Sustainability rating	Unclassified
Light Technical	
Luminous Flux	2,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	185 lm/W
Color rendering index (CRI)	>80
Light source color	840 neutral white
Optic type	-
Luminaire light beam spread	-
Unified glare rating CEN	19

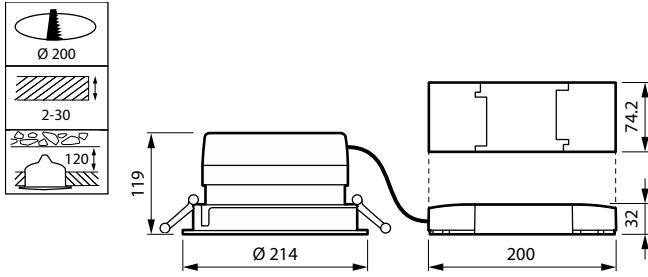
# LuxSpace Compact, recessed

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)
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)
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	10.8 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	Glass
Fixation material	-
Housing Color	White
Optical cover finish	Opal
Reflector Finish	High-gloss reflector
Overall height	116 mm
Overall diameter	214 mm

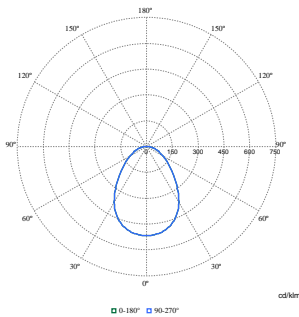
Ingress protection code	IP20/54 [Finger-protected; dust accumulation-protected, splash-proof]
Mech. impact protection code	IK03 [0.3 J]
Net Weight (Piece)	1.100 kg
Approval and Application	
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
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 median useful life* 50000 h	L90
Product Data	
Order product name	DN610B 20S/840UE PSU-E C WH PGO
Full product name	DN610B 20S/840UE PSU-E C WH PGO
Full product code	872016983581800
Order code	83581800
Material Nr. (12NC)	910505104694
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169835818
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169835818
Product family code	DN610B [LuxSpace Compact, recessed]

# LuxSpace Compact, recessed

## Dimensional drawing



## Photometric data



Polar Normal (separate) - DN610BI - 910505104694

