



LuxSpace Compact, surface & suspended

DN610C 20S/840 PSU-E M WH

LuxSpace Compact, surface & suspended, downlight, 18 W, 2100 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 175 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.

Product data

General Information		Operating and Electrical	
Number of gear units	1 unit	Luminaire light beam spread	-
Driver included	Yes	Unified glare rating CEN	19
Mounting	Surface	Input Voltage	220-240 V
Value ladder	Specification	Line Frequency	50 to 60 Hz
Warranty period	5 years	Inrush current	9.92 A
Light Technical		Inrush time	0.230 ms
Luminous Flux	2,100 lm	Power Consumption	18 W
Correlated Color Temperature (Nom)	4000 K	Power Factor (Fraction)	0.9
Luminous Efficacy (rated) (Nom)	117 lm/W	Connection	-
Color rendering index (CRI)	>80	Cable	-
Light source color	840 neutral white	Number of products on MCB of 16 A type B	64
Optic type	-	Suitable for random switching	No

LuxSpace Compact, surface & suspended

Protection class IEC	Safety class II
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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
Optic material	-
Optical cover material	-
Fixation material	-
Housing Color	White
Optical cover finish	-
Overall height	230 mm
Overall diameter	200 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	-
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%
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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

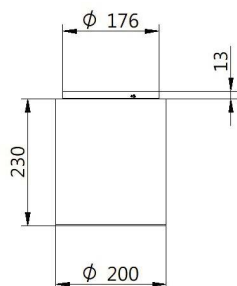
Sustainability Data

Sustainability rating	Unclassified
Embedded carbon (A1-A3)	16 kg CO _{2e}
Product non-virgin material ratio	7.12 %
Recyclable content ratio of the finished product	28.7 %
GWP total B6 (kg CO _{2eq}) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO _{2eq} / kwh)
GWP total B6 (kg CO _{2eq}) 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 CO _{2eq} / kwh)

Product Data

Order product name	DN610C 20S/840 PSU-E M WH
Full product name	DN610C 20S/840 PSU-E M WH
Full product code	872016983763800
Order code	910505104873
Material Nr. (12NC)	910505104873
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169837638
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169837638
Product family code	DN610C [LuxSpace, surface mounted]

Dimensional drawing



LuxSpace Compact, surface & suspended

Photometric data



Polar Normal (separate) - DN610CI - 910505104873

