



# LuxSpace Compact, recessed

## DN610B 40S/TWH DIA-E C WH

LuxSpace Compact, recessed, downlight, 33 W, D200 mm, 4000 lm, Tunable white 2700–6500 K, DALI, Interact Ready, 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
Light Technical	
Luminous Flux	4,000 lm
Correlated Color Temperature (Nom)	Tunable white 2700–6500 K

Luminous Efficacy (rated) (Nom)	121 lm/W
Color rendering index (CRI)	80
Light source color	Tunable white
Optic type	-
Luminaire light beam spread	-
Unified glare rating CEN	22
Operating and Electrical	
Input Voltage	220–240 V
Line Frequency	50 to 60 Hz

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Inrush current	26.4 A
Inrush time	0.224 ms
Power Consumption	33 W
Power Factor (Fraction)	0.9
Connection	-
Cable	-
Number of products on MCB of 16 A type B	16
Suitable for random switching	No
Protection class IEC	Safety class II

### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Dali dimming Interact System ready
Control interface	DALI
Constant light output	No
DALI Standard	DALI-2™ with extended data: Parts 251/252/253
Connectivity	Interact Ready

### 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	-
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
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### Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
Initial chromaticity	-
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

### Sustainability Data

Sustainability rating	Unclassified
Repair class	Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time.
Embedded carbon (A1-A3)	10 kg CO <sub>2e</sub>
Product non-virgin material ratio	7.7 %
Recyclable content ratio of the finished product	49.8 %
GWP total B6 (kg CO <sub>2eq</sub> ) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO <sub>2eq</sub> / kWh)
GWP total B6 (kg CO <sub>2eq</sub> ) 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 <sub>2</sub> eq / kWh)

### Product Data

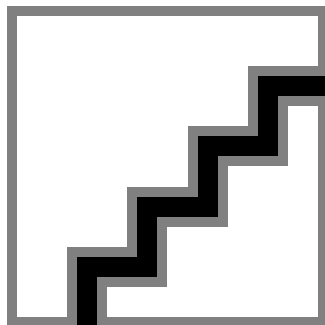
Order product name	DN610B 40S/TWH DIA-E C WH
Full product name	DN610B 40S/TWH DIA-E C WH
Full product code	872016983643300
Order code	910505104757
Material Nr. (12NC)	910505104757
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169836433
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169836433
Product family code	DN610B [LuxSpace Compact, recessed]

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### Dimensional drawing



### Photometric data



Polar Normal (separate) - DN610BI - 910505104757

