



LuxSpace Compact, recessed: UltraEfficient, stylish and designed for circularity

LuxSpace Compact, recessed

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).

Benefits

- Best-in-class efficacy of up to 185 lm/ W
- Gentle, natural light ensures visual comfort
- Extensive design options with mounting types, rim colours and reflectors
- Perfect ceiling integration with narrow rim or rimless versions for plaster ceilings
- Improved glare control complies with office lighting standards
- High colour rendering up to CRI 90 (R9>50)
- Provides uniform lighting thanks to wide light distribution
- Supports circadian lighting solutions with tunable white luminaires and integrated lighting controls

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Features

- Mini (DN560B/DN561B), Compact (DN610B) and Square (DN572B) types for recessed applications
- Surface-mounted round (DN570C/DN571C) versions
- Choice of five optics: high gloss, faded lines, matte, white and black
- UGR19 is standard for Compact and optional for other versions
- White (RAL9003), grey (RAL9006) and black (RAL9004) are standard, with any other RAL colour possible upon request
- Compliant for central emergency lighting with DC (PSED driver type)
- Multiple additional options: PG and PGO (IP54 front face), emergency lighting (single battery 3 hours), through-wiring, Eca and B2ca cable and connector options
- Extended useful lifetime of 50,000 hours at L90

Application

- Offices
- Retail
- Hospitals and care centres
- Hospitality
- Airports
- Municipal Buildings
- Atriums

Versions

LuxSpace Compact, Recessed -
Faded lines reflector, Black Rim



LuxSpace Compact, Recessed -
Matt reflector, White Rim



LuxSpace Compact, Recessed -
Faded lines reflector, White Rim



LuxSpace Compact, Recessed -
Matt reflector, Black Rim



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Versions

LuxSpace Compact, Recessed -
Clear reflector, Black Rim



LuxSpace Compact, Recessed -
Black reflector, Black Rim



LuxSpace Compact, Recessed -
Faded lines reflector, White Rim



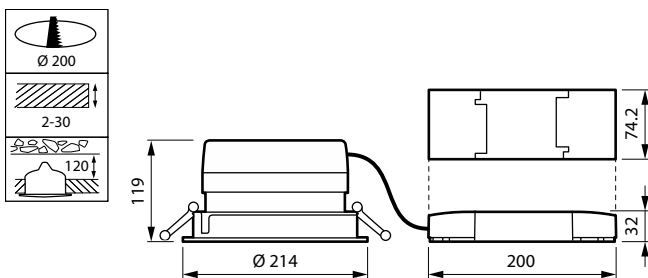
LuxSpace Compact, Recessed -
Black reflector, White Rim



LuxSpace Compact, Recessed -
White reflector, White Rim



Dimensional drawing



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Product details



LuxSpace Compact, Recessed -
Black reflector, Black Rim



LuxSpace Compact, Recessed -
Black reflector, White Rim



LuxSpace Compact, Recessed -
Black reflector, Black Rim



LuxSpace Compact, Recessed -
Faded lines reflector, White Rim,
Tunable-white

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General Information	
Driver included	Yes
Number of gear units	Unit
Light Technical	
Optic type	-
Operating and Electrical	
Protection class IEC	Safety class II
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Suitable for random switching	No
Mechanical and Housing	
Ingress protection code	IP20
Approval and Application	
Ambient temperature range	+10 to +35 °C
CE mark	Yes
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
Initial Performance (IEC Compliant)	
Luminous flux tolerance	-10% / +10%
Product Data	
Product family code	DN610B

Light Technical

Order Code	Full Product Name	Correlated Colour Temperature (Nom)	Colour rendering index (CRI)	Luminous efficacy (rated) (nom.)	Luminous Flux
910505104698	DN610B 20S/840UE PSU-E FLR BK	4000 K	>80	185 lm/W	2,000 lm
910505104685	DN610B 24S/840 PSU-E M WH	4000 K	>80	116 lm/W	2,300 lm
910505104757	DN610B 40S/TWH DIA-E C WH	Tunable white 2700-6500 K	80	121 lm/W	4,000 lm
910505104699	DN610B 20S/840 PSU-E M BK	4000 K	>80	117 lm/W	2,100 lm
910505104697	DN610B 20S/840UE PSU-E C BK	4000 K	>80	185 lm/W	2,000 lm
910505104701	DN610B 20S/840 PSU-E BKR BK	4000 K	>80	96 lm/W	2,200 lm
910505104683	DN610B 24S/840UE PSU-E FLR WH	4000 K	>80	187 lm/W	2,500 lm
910505104755	DN610B 20S/940UE PSU-E FLR WH	4000 K	>90	176 lm/W	1,900 lm
910505104686	DN610B 24S/840 PSU-E BKR WH	4000 K	>80	95 lm/W	2,700 lm
910505104682	DN610B 24S/840UE PSU-E C WH	4000 K	>80	187 lm/W	2,500 lm
910505104687	DN610B 40S/840UE PSU-E C WH	4000 K	>80	168 lm/W	4,200 lm
910505104691	DN610B 60S/840UE PSU-E C WH	4000 K	>80	159 lm/W	5,900 lm
910505104731	DN610B 60S/840UE PSD-E C WH	4000 K	>80	157 lm/W	5,900 lm
910505104736	DN610B 24S/840UE PSU-E C ELP3 WH	4000 K	>80	179 lm/W	2,400 lm
910505104745	DN610B 24S/840UE WIA-E C WH	4000 K	>80	158 lm/W	2,500 lm
910505104748	DN610B 40S/840UE WIA-E C WH	4000 K	>80	142 lm/W	4,200 lm
910505104754	DN610B 20S/940UE PSU-E C WH	4000 K	>90	176 lm/W	1,900 lm
910505104684	DN610B 24S/840UE PSU-E WR WH	4000 K	>80	172 lm/W	2,300 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Order Code	Full Product Name	Power Consumption
910505104698	DN610B 20S/840UE PSU-E FLR BK	10.8 W	910505104682	DN610B 24S/840UE PSU-E C WH	13.4 W
910505104685	DN610B 24S/840 PSU-E M WH	19.8 W	910505104687	DN610B 40S/840UE PSU-E C WH	25 W
910505104757	DN610B 40S/TWH DIA-E C WH	33 W	910505104691	DN610B 60S/840UE PSU-E C WH	37 W
910505104699	DN610B 20S/840 PSU-E M BK	18 W	910505104731	DN610B 60S/840UE PSD-E C WH	37.5 W
910505104697	DN610B 20S/840UE PSU-E C BK	10.8 W	910505104736	DN610B 24S/840UE PSU-E C ELP3 WH	13.4 W
910505104701	DN610B 20S/840 PSU-E BKR BK	23 W	910505104745	DN610B 24S/840UE WIA-E C WH	15.8 W
910505104683	DN610B 24S/840UE PSU-E FLR WH	13.4 W	910505104748	DN610B 40S/840UE WIA-E C WH	29.5 W
910505104755	DN610B 20S/940UE PSU-E FLR WH	10.8 W	910505104754	DN610B 20S/940UE PSU-E C WH	10.8 W
910505104686	DN610B 24S/840 PSU-E BKR WH	28.5 W			

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Order Code	Full Product Name	Power Consumption
910505104684	DN610B 24S/840UE PSU-E WR WH	13.4 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
910505104698	DN610B 20S/840UE PSU-E FLR BK	No
910505104685	DN610B 24S/840 PSU-E M WH	No
910505104757	DN610B 40S/TWH DIA-E C WH	Yes
910505104699	DN610B 20S/840 PSU-E M BK	No
910505104697	DN610B 20S/840UE PSU-E C BK	No
910505104701	DN610B 20S/840 PSU-E BKR BK	No
910505104683	DN610B 24S/840UE PSU-E FLR WH	No
910505104755	DN610B 20S/940UE PSU-E FLR WH	No
910505104686	DN610B 24S/840 PSU-E BKR WH	No

Order Code	Full Product Name	Dimmable
910505104682	DN610B 24S/840UE PSU-E C WH	No
910505104687	DN610B 40S/840UE PSU-E C WH	No
910505104691	DN610B 60S/840UE PSU-E C WH	No
910505104731	DN610B 60S/840UE PSD-E C WH	Yes
910505104736	DN610B 24S/840UE PSU-E C ELP3 WH	No
910505104745	DN610B 24S/840UE WIA-E C WH	Yes
910505104748	DN610B 40S/840UE WIA-E C WH	Yes
910505104754	DN610B 20S/940UE PSU-E C WH	No
910505104684	DN610B 24S/840UE PSU-E WR WH	No

Mechanical and Housing

Order Code	Full Product Name	Housing Colour	Mech. impact protection code
910505104698	DN610B 20S/840UE PSU-E FLR BK	Black	IK03
910505104685	DN610B 24S/840 PSU-E M WH	White	IK03
910505104757	DN610B 40S/TWH DIA-E C WH	White	IK02
910505104699	DN610B 20S/840 PSU-E M BK	Black	IK03
910505104697	DN610B 20S/840UE PSU-E C BK	Black	IK03
910505104701	DN610B 20S/840 PSU-E BKR BK	Black	IK03
910505104683	DN610B 24S/840UE PSU-E FLR WH	White	IK03
910505104755	DN610B 20S/940UE PSU-E FLR WH	White	IK03
910505104686	DN610B 24S/840 PSU-E BKR WH	White	IK03

Order Code	Full Product Name	Housing Colour	Mech. impact protection code
910505104682	DN610B 24S/840UE PSU-E C WH	White	IK03
910505104687	DN610B 40S/840UE PSU-E C WH	White	IK02
910505104691	DN610B 60S/840UE PSU-E C WH	White	IK02
910505104731	DN610B 60S/840UE PSD-E C WH	White	IK02
910505104736	DN610B 24S/840UE PSU-E C ELP3 WH	White	IK03
910505104745	DN610B 24S/840UE WIA-E C WH	White	IK02
910505104748	DN610B 40S/840UE WIA-E C WH	White	IK02
910505104754	DN610B 20S/940UE PSU-E C WH	White	IK03
910505104684	DN610B 24S/840UE PSU-E WR WH	White	IK03

Emergency Operation

Order Code	Full Product Name	Central Emergency	Emergency lighting
910505104698	DN610B 20S/840UE PSU-E FLR BK	-	-
910505104685	DN610B 24S/840 PSU-E M WH	-	-
910505104757	DN610B 40S/TWH DIA-E C WH	-	-
910505104699	DN610B 20S/840 PSU-E M BK	-	-
910505104697	DN610B 20S/840UE PSU-E C BK	-	-
910505104701	DN610B 20S/840 PSU-E BKR BK	-	-
910505104683	DN610B 24S/840UE PSU-E FLR WH	-	-
910505104755	DN610B 20S/940UE PSU-E FLR WH	-	-
910505104686	DN610B 24S/840 PSU-E BKR WH	-	-
910505104682	DN610B 24S/840UE PSU-E C WH	-	-

Order Code	Full Product Name	Central Emergency	Emergency lighting
910505104687	DN610B 40S/840UE PSU-E C WH	-	-
910505104691	DN610B 60S/840UE PSU-E C WH	-	-
910505104731	DN610B 60S/840UE PSD-E C WH	-	-
910505104736	DN610B 24S/840UE PSU-E C ELP3 WH	No	Emergency lighting 3-hour duration Pro version
910505104745	DN610B 24S/840UE WIA-E C WH	-	-
910505104748	DN610B 40S/840UE WIA-E C WH	-	-
910505104754	DN610B 20S/940UE PSU-E C WH	-	-
910505104684	DN610B 24S/840UE PSU-E WR WH	-	-

Approval and Application

Order Code	Full Product Name	ENEC mark
910505104698	DN610B 20S/840UE PSU-E FLR BK	ENEC mark
910505104685	DN610B 24S/840 PSU-E M WH	ENEC mark
910505104757	DN610B 40S/TWH DIA-E C WH	-

Order Code	Full Product Name	ENEC mark
910505104699	DN610B 20S/840 PSU-E M BK	ENEC mark
910505104697	DN610B 20S/840UE PSU-E C BK	ENEC mark
910505104701	DN610B 20S/840 PSU-E BKR BK	ENEC mark

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Order Code	Full Product Name	ENEC mark
910505104683	DN610B 24S/840UE PSU-E FLR WH	ENEC mark
910505104755	DN610B 20S/940UE PSU-E FLR WH	ENEC mark
910505104686	DN610B 24S/840 PSU-E BKR WH	ENEC mark
910505104682	DN610B 24S/840UE PSU-E C WH	ENEC mark
910505104687	DN610B 40S/840UE PSU-E C WH	ENEC mark
910505104691	DN610B 60S/840UE PSU-E C WH	ENEC mark

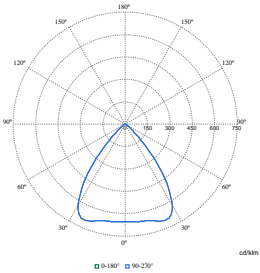
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910505104745	DN610B 24S/840UE WIA-E C WH	ENEC mark
910505104748	DN610B 40S/840UE WIA-E C WH	ENEC mark
910505104754	DN610B 20S/940UE PSU-E C WH	ENEC mark
910505104684	DN610B 24S/840UE PSU-E WR WH	ENEC mark

Initial Performance (IEC Compliant)

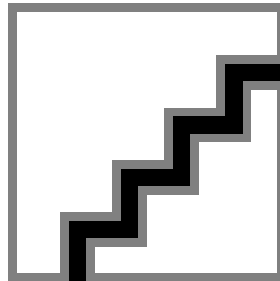
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910505104685	DN610B 24S/840 PSU-E M WH	(0.38,0.38)
910505104757	DN610B 40S/TWH DIA-E C WH	-
910505104699	DN610B 20S/840 PSU-E M BK	(0.38,0.38)
910505104697	DN610B 20S/840UE PSU-E C BK	(0.38,0.38)
910505104701	DN610B 20S/840 PSU-E BKR BK	(0.38,0.38)
910505104683	DN610B 24S/840UE PSU-E FLR WH	(0.38,0.38)
910505104755	DN610B 20S/940UE PSU-E FLR WH	(0.38,0.38)
910505104686	DN610B 24S/840 PSU-E BKR WH	(0.38,0.38)

Order Code	Full Product Name	Initial chromaticity
910505104682	DN610B 24S/840UE PSU-E C WH	(0.38,0.38)
910505104687	DN610B 40S/840UE PSU-E C WH	(0.38,0.38)
910505104691	DN610B 60S/840UE PSU-E C WH	(0.38,0.38)
910505104731	DN610B 60S/840UE PSD-E C WH	(0.38,0.38)
910505104736	DN610B 24S/840UE PSU-E C ELP3 WH	(0.38,0.38)
910505104745	DN610B 24S/840UE WIA-E C WH	(0.38,0.38)
910505104748	DN610B 40S/840UE WIA-E C WH	(0.38,0.38)
910505104754	DN610B 20S/940UE PSU-E C WH	(0.38,0.38)
910505104684	DN610B 24S/840UE PSU-E WR WH	(0.38,0.38)

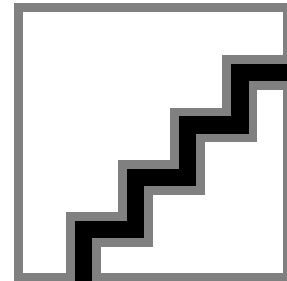
Polar Wide Diagrams



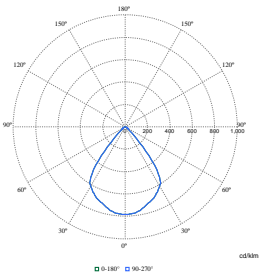
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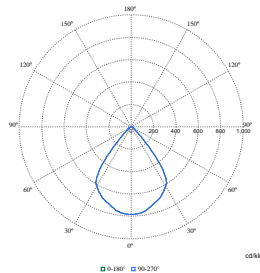
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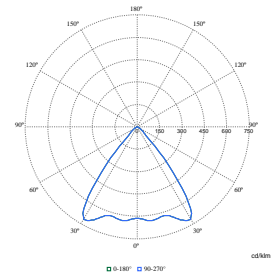
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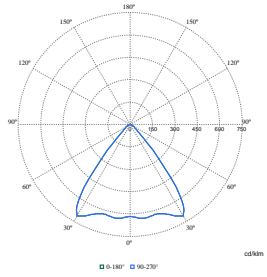
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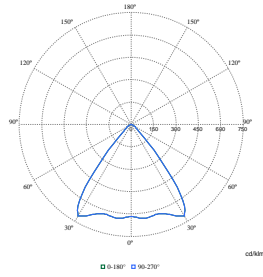
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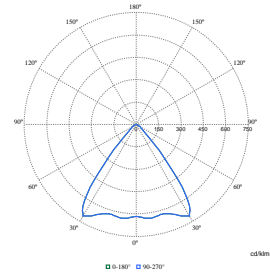
Polar Wide Diagrams



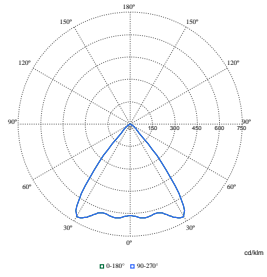
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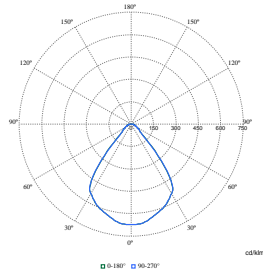
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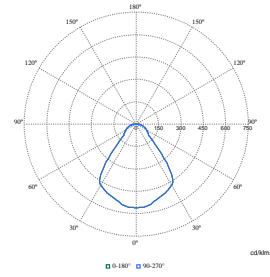
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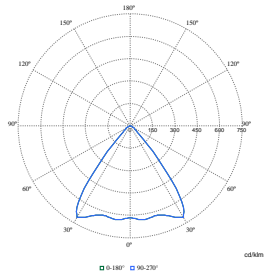
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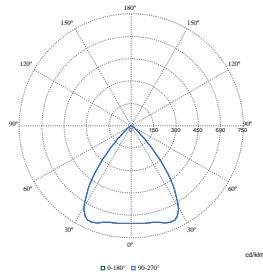
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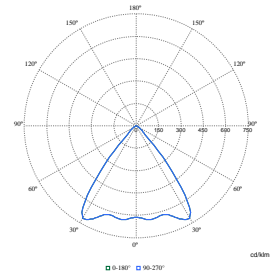
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Polar Normal (separate) - DN610BI -
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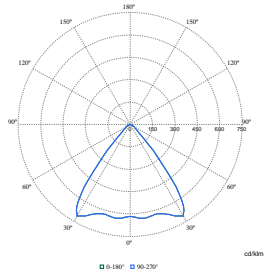
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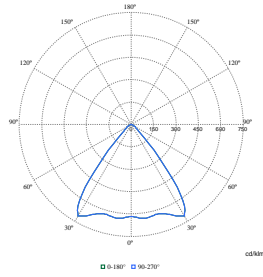
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LuxSpace Compact, recessed

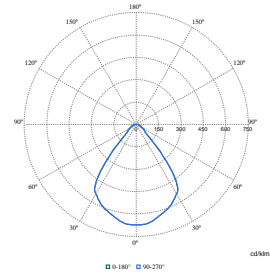
Polar Wide Diagrams



Polar Normal (separate) - DN610BI -
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Polar Normal (separate) - DN610BI -
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Polar Normal (separate) - DN610BI -
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