PHILIPS

LuxSpace Compact, surface & suspended

DN610C



Philips LuxSpace Compact, surface & suspended: UltraEfficient, stylish, and perfect for high ceilings

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.

Benefits

- Best-in-class efficacy of up to 175 lm/W
- Gentle, natural light ensures visual comfort
- Extensive design options with mounting types, housing colors and reflectors
- Perfect for high ceilings with high light output
- Improved glare control complies with office lighting standards
- High color rendering up to CRI 90 (R9>50)
- Provides uniform lighting thanks to wide light distribution

Applications

- Offices
- Retail
- Hospitals and Care Centers
- Hospitality
- Airports
- Municipal Buildings
- Atriums

Features

- Surface-mounted (DN610C) and Suspended (DN610P)
- Choice of five optics: high gloss, faded lines, matte, white and black
- UGR19 and L65<3000cd/m^2 by default up to 2400lm
- White (RAL9003), White Matt, Gray (RAL9006) and Black (RAL9004) are available as standard, with any other RAL color possible upon request
- Additional cover options: PG and PGO (IP54 front face)
- Extended useful lifetime of 100,000 hours at L80

Versions



LuxSpace Compact Surface-mounted, clear (high-gloss) reflector, black housing



LuxSpace Compact Surface-mounted, white reflector, white housing



LuxSpace Compact Surface-mounted, clear (high-gloss) reflector, white housing, opal glass cover



LuxSpace Compact Surface-mounted, black reflector, black housing



LuxSpace Compact Suspended, clear (high-gloss) reflector, white housing



LuxSpace Compact Suspended, clear (high-gloss) reflector, black housing



LuxSpace Compact Suspended, black reflector, black housing



LuxSpace Compact Surface-mounted, clear (high-gloss) reflector, white housing, glass cover



LuxSpace Compact Suspended, white reflector, white housing



LuxSpace Compact Suspended, clear (high-gloss) reflector, grey housing



LuxSpace Compact Surface-mounted, white housing

Dimensional drawing

DN610P 20S/840UE PSU-E C SI

DN610C 20S/840UE PSU-E FLR WH

Product details



LuxSpace Compact Surface-mounted, clear (high-gloss) reflector, white housing



LuxSpace Compact Surface-mounted, clear (high-gloss) reflector, white housing

General Information

Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Service tag	Yes

Light Technical

Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	>80
Optic type	-

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Suitable for random switching	Yes
Protection class IEC	Safety class II

Controls and Dimming

Dimmable	No

Mechanical and Housing

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

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	-
Ambient temperature range	+10 to +35 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.38,0.38)

Light Technical

Order Code	Full Product Name	Luminous Flux	Luminous Efficacy (rated) (Nom)
910505104879	DN610C 20S/840UE PSU-E C BK	2,000 lm	185 lm/W
910505104872	DN610C 20S/840UE PSU-E WR WH	1,850 lm	171 lm/W
910505104884	DN610P 20S/840UE PSU-E C WH PGO	2,000 lm	185 lm/W
910505104880	DN610C 20S/840 PSU-E BKR BK	2,200 lm	96 lm/W
910505104882	DN610P 20S/840UE PSU-E C WH	2,000 lm	185 lm/W
910505104885	DN610P 20S/840UE PSU-E C BK	2,000 lm	185 lm/W
910505104886	DN610P 20S/840 PSU-E BKR BK	2,200 lm	96 lm/W
910505104883	DN610P 20S/840UE PSU-E C WH PG	2,000 lm	185 lm/W
910505104881	DN610P 20S/840UE PSU-E WR WH	1,850 lm	171 lm/W
910505104887	DN610P 20S/840UE PSU-E C SI	2,000 lm	185 lm/W
910505104870	DN610C 20S/840UE PSU-E C WH	2,000 lm	185 lm/W
910505104871	DN610C 20S/840UE PSU-E FLR WH	2,000 lm	185 lm/W
910505104873	DN610C 20S/840 PSU-E M WH	2,100 lm	117 lm/W

Order Code	Full Product Name	Luminous Flux	Luminous Efficacy (rated) (Nom)
910505104874	DN610C 20S/840 PSU-E BKR WH	2,200 lm	96 lm/W
910505104875	DN610C 40S/840UE PSU-E C WH	4,200 lm	168 lm/W
910505104876	DN610C 60S/840UE PSU-E C WH	5,900 lm	158 lm/W
910505104877	DN610C 20S/840UE PSU-E C WH PG	2,000 lm	185 lm/W
910505104878	DN610C 20S/840UE PSU-E C WH PGO	2,000 lm	185 lm/W

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910505104879	DN610C 20S/840UE PSU-E C BK	10.8 W
910505104872	DN610C 20S/840UE PSU-E WR WH	10.8 W
910505104884	DN610P 20S/840UE PSU-E C WH PGO	10.8 W
910505104880	DN610C 20S/840 PSU-E BKR BK	23 W
910505104882	DN610P 20S/840UE PSU-E C WH	10.8 W
910505104885	DN610P 20S/840UE PSU-E C BK	10.8 W
910505104886	DN610P 20S/840 PSU-E BKR BK	23 W
910505104883	DN610P 20S/840UE PSU-E C WH PG	10.8 W
910505104881	DN610P 20S/840UE PSU-E WR WH	10.8 W
910505104887	DN610P 20S/840UE PSU-E C SI	10.8 W
910505104870	DN610C 20S/840UE PSU-E C WH	10.8 W
910505104871	DN610C 20S/840UE PSU-E FLR WH	10.8 W
910505104873	DN610C 20S/840 PSU-E M WH	18 W
910505104874	DN610C 20S/840 PSU-E BKR WH	23 W
910505104875	DN610C 40S/840UE PSU-E C WH	25 W
910505104876	DN610C 60S/840UE PSU-E C WH	37 W
910505104877	DN610C 20S/840UE PSU-E C WH PG	10.8 W
910505104878	DN610C 20S/840UE PSU-E C WH PGO	10.8 W

Mechanical and Housing

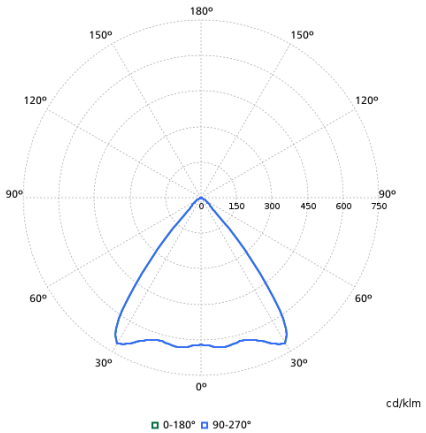
Order Code	Full Product Name	Housing Color
910505104879	DN610C 20S/840UE PSU-E C BK	Black
910505104872	DN610C 20S/840UE PSU-E WR WH	White
910505104884	DN610P 20S/840UE PSU-E C WH PGO	White
910505104880	DN610C 20S/840 PSU-E BKR BK	Black
910505104882	DN610P 20S/840UE PSU-E C WH	White
910505104885	DN610P 20S/840UE PSU-E C BK	Black
910505104886	DN610P 20S/840 PSU-E BKR BK	Black
910505104883	DN610P 20S/840UE PSU-E C WH PG	White
910505104881	DN610P 20S/840UE PSU-E WR WH	White
910505104887	DN610P 20S/840UE PSU-E C SI	White
910505104870	DN610C 20S/840UE PSU-E C WH	White

Order Code	Full Product Name	Housing Color
910505104871	DN610C 20S/840UE PSU-E FLR WH	White
910505104873	DN610C 20S/840 PSU-E M WH	White
910505104874	DN610C 20S/840 PSU-E BKR WH	White
910505104875	DN610C 40S/840UE PSU-E C WH	White
910505104876	DN610C 60S/840UE PSU-E C WH	White
910505104877	DN610C 20S/840UE PSU-E C WH PG	White
910505104878	DN610C 20S/840UE PSU-E C WH PGO	White

Product Data

Order Code	Full Product Name	Product family code
910505104879	DN610C 20S/840UE PSU-E C BK	DN610C
910505104872	DN610C 20S/840UE PSU-E WR WH	DN610C
910505104884	DN610P 20S/840UE PSU-E C WH PGO	DN610P
910505104880	DN610C 20S/840 PSU-E BKR BK	DN610C
910505104882	DN610P 20S/840UE PSU-E C WH	DN610P
910505104885	DN610P 20S/840UE PSU-E C BK	DN610P
910505104886	DN610P 20S/840 PSU-E BKR BK	DN610P
910505104883	DN610P 20S/840UE PSU-E C WH PG	DN610P
910505104881	DN610P 20S/840UE PSU-E WR WH	DN610P
910505104887	DN610P 20S/840UE PSU-E C SI	DN610P
910505104870	DN610C 20S/840UE PSU-E C WH	DN610C
910505104871	DN610C 20S/840UE PSU-E FLR WH	DN610C
910505104873	DN610C 20S/840 PSU-E M WH	DN610C
910505104874	DN610C 20S/840 PSU-E BKR WH	DN610C
910505104875	DN610C 40S/840UE PSU-E C WH	DN610C
910505104876	DN610C 60S/840UE PSU-E C WH	DN610C
910505104877	DN610C 20S/840UE PSU-E C WH PG	DN610C
910505104878	DN610C 20S/840UE PSU-E C WH PGO	DN610C

Polar normal diagrams



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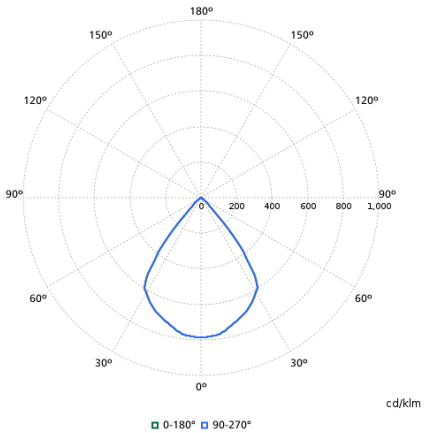

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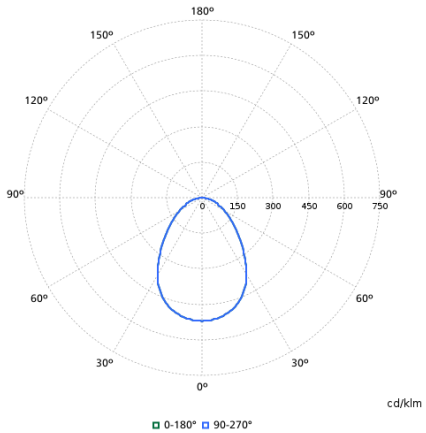

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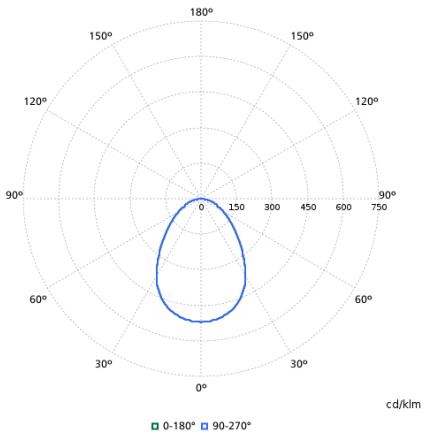

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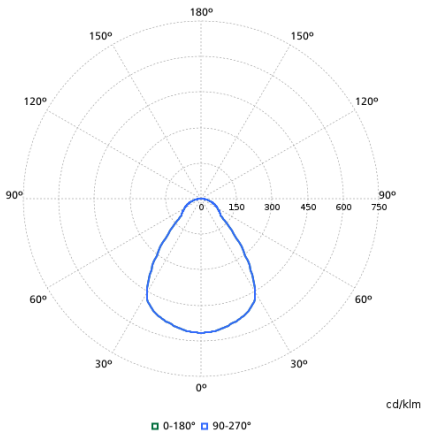

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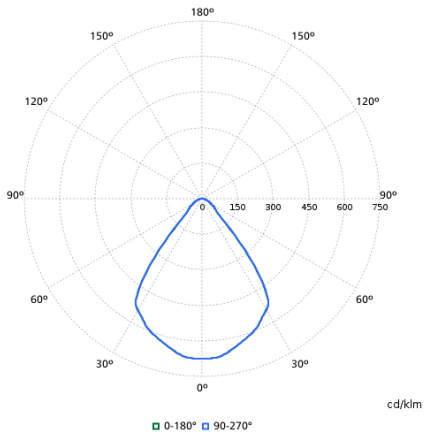

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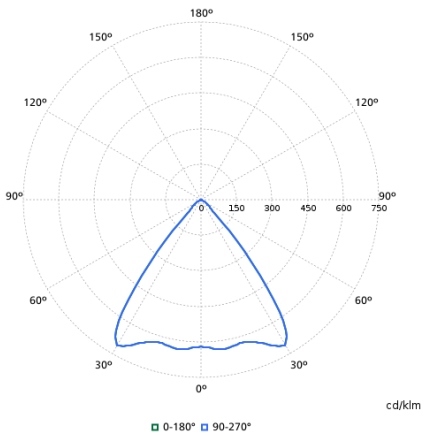

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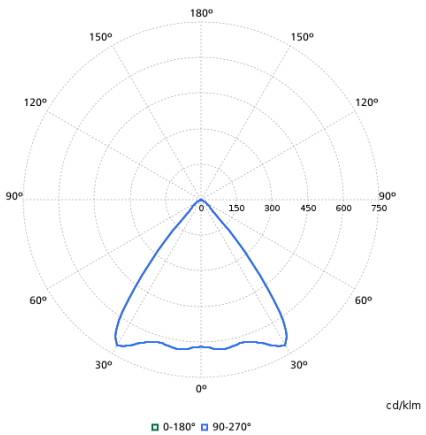

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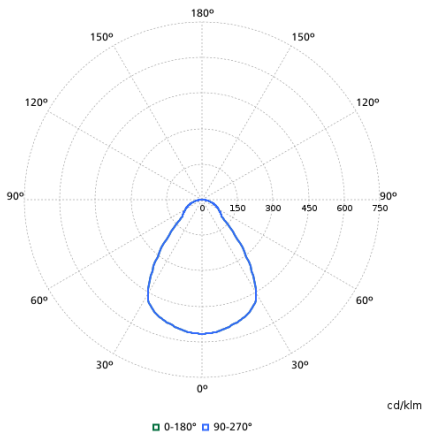

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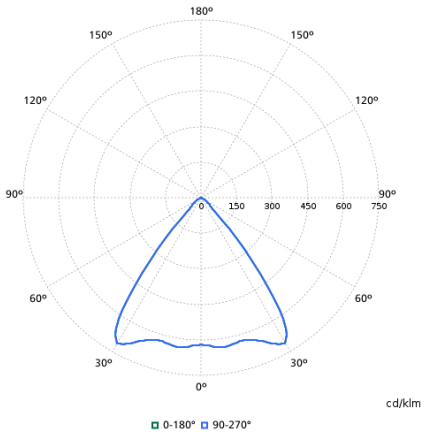

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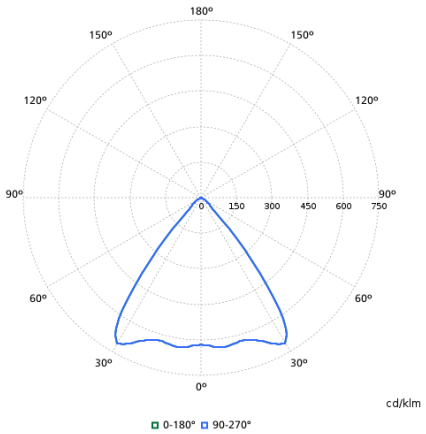

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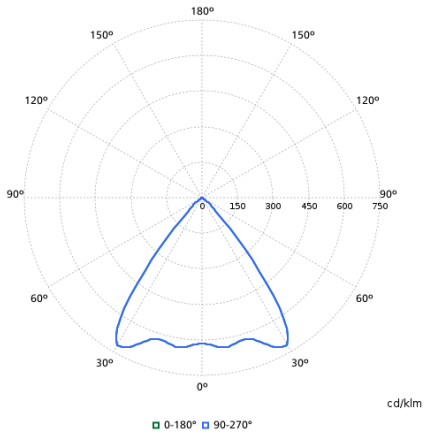

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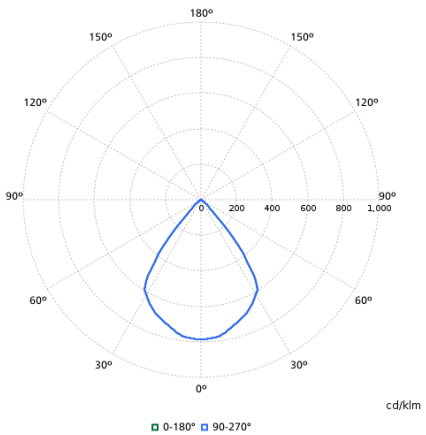

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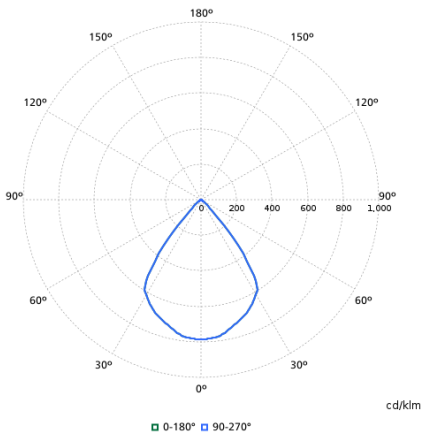

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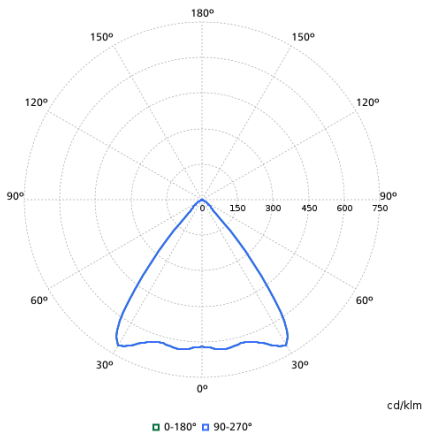

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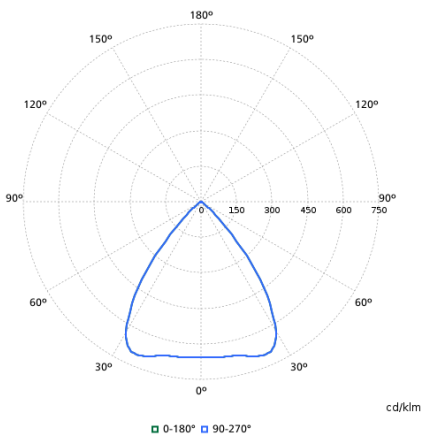

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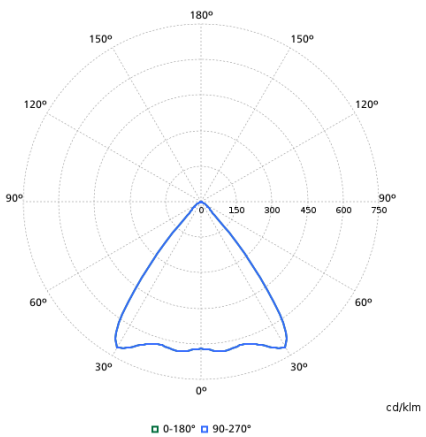

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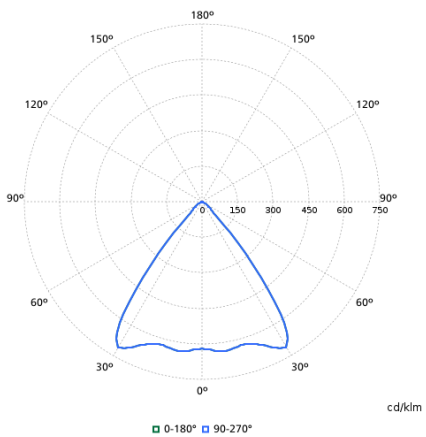

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