



Philips 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 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).

Benefits

- Best-in-class efficacy of up to 185 lm/ W
- Gentle, natural light ensures visual comfort
- Extensive design options with mounting types, rim colors, and reflectors
- Perfect ceiling integration with narrow rim or rimless versions for plaster ceilings
- 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
- Supports circadian lighting solutions with tunable white luminaires and integrated lighting controls

LuxSpace Compact, recessed

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), gray (RAL9006), and black (RAL9004) are standard, with any other RAL color 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 Centers
- 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 -
Protection Glass



LuxSpace Compact, recessed

Versions



LuxSpace Compact, Recessed -
Clear reflector, Black Rim



LuxSpace Compact, Recessed -
Clear reflector, White Rim, 240mm
cut-out



LuxSpace Compact, Recessed -
Clear reflector, White Rim, 225mm
cut-out



LuxSpace Compact, Recessed -
Faded lines reflector, White Rim



LuxSpace Compact, Recessed -
Matt reflector, Rimless



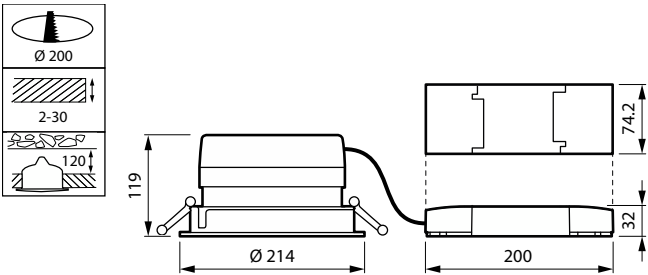
LuxSpace Compact, Recessed -
Black reflector, White Rim



LuxSpace Compact, Recessed -
Protection Glass Opal

LuxSpace Compact, recessed

Dimensional drawing



Product details



LuxSpace Compact, Recessed -
Matt reflector, Rimless



LuxSpace Compact, Recessed -
Rimless accessory



LuxSpace Compact, Recessed -
Black reflector, White Rim



LuxSpace Compact, Recessed -
White adaptor ring 240mm cut-out



LuxSpace Compact, Recessed -
Silver adaptor ring 240mm cut-out



LuxSpace Compact, Recessed -
White adaptor ring 225mm cut-out

LuxSpace Compact, recessed

Product details



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



LuxSpace Compact, Recessed -
Black adaptor ring 240mm cut-out

General Information	
Driver included	Yes
Number of gear units	1 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	
Mech. impact protection code	IK02
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 Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)	Luminous Flux
83585600	DN610B 20S/840UE PSU-E FLR BK	4000 K	80	185 lm/W	2,000 lm
83567200	DN610B 20S/840 PSU-E M WH	4000 K	80	117 lm/W	2,100 lm
83643300	DN610B 40S/TWH DIA-E C WH	Tunable white 2700-6500 K	80	121 lm/W	4,000 lm
83580100	DN610B 20S/840UE PSU-E C WH PG	4000 K	80	185 lm/W	2,000 lm
83582500	DN610B 24S/840UE PSU-E C WH PG	4000 K	80	187 lm/W	2,500 lm
83584900	DN610B 20S/840UE PSU-E C BK	4000 K	80	185 lm/W	2,000 lm
83639600	DN610B 20S/840UE PSU-E C RAD240 WH	4000 K	80	185 lm/W	2,000 lm
83638900	DN610B 20S/840UE PSU-E C RAD225 WH	4000 K	80	185 lm/W	2,000 lm
83565800	DN610B 20S/840UE PSU-E FLR WH	4000 K	80	185 lm/W	2,000 lm
83570200	DN610B 24S/840UE PSU-E FLR WH	4000 K	80	187 lm/W	2,500 lm
83592400	DN610B 20S/830UE PSU-E FLR WH	3000 K	80	181 lm/W	1,950 lm
83637200	DN610B 20S/840UE PSU-E C RML	4000 K	80	185 lm/W	2,000 lm
83568900	DN610B 20S/840 PSU-E BKR WH	4000 K	80	96 lm/W	2,200 lm
83581800	DN610B 20S/840UE PSU-E C WH PGO	4000 K	80	185 lm/W	2,000 lm
83564100	DN610B 20S/840UE PSU-E C WH	4000 K	80	185 lm/W	2,000 lm
83569600	DN610B 24S/840UE PSU-E C WH	4000 K	80	187 lm/W	2,500 lm
83574000	DN610B 40S/840UE PSU-E C WH	4000 K	80	168 lm/W	4,200 lm

Order Code	Full Product Name	Correlated Color	Color	Luminous	Luminous Flux
		Temperature	rendering	Efficacy (rated)	
		(Nom)	index (CRI)	(Nom)	
83578800	DN610B 60S/840UE PSU-E C WH	4000 K	80	158 lm/W	5,900 lm
83591700	DN610B 20S/830UE PSU-E C WH	3000 K	80	181 lm/W	1,950 lm
83594800	DN610B 24S/830UE PSU-E C WH	3000 K	80	179 lm/W	2,400 lm
83608200	DN610B 40S/840UE PSD-E C WH	4000 K	80	162 lm/W	4,200 lm
83611200	DN610B 20S/840UE DIA-E C WH	4000 K	80	169 lm/W	2,200 lm
83628000	DN610B 20S/840UE WIA-E C WH	4000 K	80	159 lm/W	2,200 lm
83634100	DN610B 40S/840UE WIA-E C WH	4000 K	80	142 lm/W	4,200 lm
83640200	DN610B 20S/940UE PSU-E C WH	4000 K	90	176 lm/W	1,900 lm
83566500	DN610B 20S/840UE PSU-E WR WH	4000 K	80	171 lm/W	1,850 lm
83571900	DN610B 24S/840UE PSU-E WR WH	4000 K	80	172 lm/W	2,300 lm
83593100	DN610B 20S/830UE PSU-E WR WH	3000 K	80	162 lm/W	1,750 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Order Code	Full Product Name	Power Consumption
83585600	DN610B 20S/840UE PSU-E FLR BK	10.8 W	83564100	DN610B 20S/840UE PSU-E C WH	10.8 W
83567200	DN610B 20S/840 PSU-E M WH	18 W	83569600	DN610B 24S/840UE PSU-E C WH	13.4 W
83643300	DN610B 40S/TWH DIA-E C WH	33 W	83574000	DN610B 40S/840UE PSU-E C WH	25 W
83580100	DN610B 20S/840UE PSU-E C WH PG	10.8 W	83578800	DN610B 60S/840UE PSU-E C WH	37 W
83582500	DN610B 24S/840UE PSU-E C WH PG	13.4 W	83591700	DN610B 20S/830UE PSU-E C WH	10.8 W
83584900	DN610B 20S/840UE PSU-E C BK	10.8 W	83594800	DN610B 24S/830UE PSU-E C WH	13.4 W
83639600	DN610B 20S/840UE PSU-E C RAD240 WH	10.8 W	83608200	DN610B 40S/840UE PSD-E C WH	26 W
83638900	DN610B 20S/840UE PSU-E C RAD225 WH	10.8 W	83611200	DN610B 20S/840UE DIA-E C WH	13 W
83565800	DN610B 20S/840UE PSU-E FLR WH	10.8 W	83628000	DN610B 20S/840UE WIA-E C WH	13.8 W
83570200	DN610B 24S/840UE PSU-E FLR WH	13.4 W	83634100	DN610B 40S/840UE WIA-E C WH	29.5 W
83592400	DN610B 20S/830UE PSU-E FLR WH	10.8 W	83640200	DN610B 20S/940UE PSU-E C WH	10.8 W
83637200	DN610B 20S/840UE PSU-E C RML	10.8 W	83566500	DN610B 20S/840UE PSU-E WR WH	10.8 W
83568900	DN610B 20S/840 PSU-E BKR WH	23 W	83571900	DN610B 24S/840UE PSU-E WR WH	13.4 W
83581800	DN610B 20S/840UE PSU-E C WH PGO	10.8 W	83593100	DN610B 20S/830UE PSU-E WR WH	10.8 W

Controls and Dimming

Order Code	Full Product Name	Dimmable	Order Code	Full Product Name	Dimmable
83585600	DN610B 20S/840UE PSU-E FLR BK	No	83584900	DN610B 20S/840UE PSU-E C BK	No
83567200	DN610B 20S/840 PSU-E M WH	No	83639600	DN610B 20S/840UE PSU-E C RAD240 WH	No
83643300	DN610B 40S/TWH DIA-E C WH	Yes	83638900	DN610B 20S/840UE PSU-E C RAD225 WH	No
83580100	DN610B 20S/840UE PSU-E C WH PG	No	83565800	DN610B 20S/840UE PSU-E FLR WH	No
83582500	DN610B 24S/840UE PSU-E C WH PG	No	83570200	DN610B 24S/840UE PSU-E FLR WH	No

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Order Code	Full Product Name	Dimmable
83592400	DN610B 20S/830UE PSU-E FLR WH	No
83637200	DN610B 20S/840UE PSU-E C RML	No
83568900	DN610B 20S/840 PSU-E BKR WH	No
83581800	DN610B 20S/840UE PSU-E C WH PGO	No
83564100	DN610B 20S/840UE PSU-E C WH	No
83569600	DN610B 24S/840UE PSU-E C WH	No
83574000	DN610B 40S/840UE PSU-E C WH	No
83578800	DN610B 60S/840UE PSU-E C WH	No
83591700	DN610B 20S/830UE PSU-E C WH	No

Order Code	Full Product Name	Dimmable
83594800	DN610B 24S/830UE PSU-E C WH	No
83608200	DN610B 40S/840UE PSD-E C WH	Yes
83611200	DN610B 20S/840UE DIA-E C WH	Yes
83628000	DN610B 20S/840UE WIA-E C WH	Yes
83634100	DN610B 40S/840UE WIA-E C WH	Yes
83640200	DN610B 20S/940UE PSU-E C WH	No
83566500	DN610B 20S/840UE PSU-E WR WH	No
83571900	DN610B 24S/840UE PSU-E WR WH	No
83593100	DN610B 20S/830UE PSU-E WR WH	No

Mechanical and Housing

Order Code	Full Product Name	Housing Color	Ingress protection code
83585600	DN610B 20S/840UE PSU-E FLR BK	Black	IP20
83567200	DN610B 20S/840 PSU-E M WH	White	IP20
83643300	DN610B 40S/TWH DIA-E C WH	White	IP20
83580100	DN610B 20S/840UE PSU-E C WH PG	White	IP20/54
83582500	DN610B 24S/840UE PSU-E C WH PG	White	IP20/54
83584900	DN610B 20S/840UE PSU-E C BK	Black	IP20
83639600	DN610B 20S/840UE PSU-E C RAD240 WH	White	IP20
83638900	DN610B 20S/840UE PSU-E C RAD225 WH	White	IP20
83565800	DN610B 20S/840UE PSU-E FLR WH	White	IP20
83570200	DN610B 24S/840UE PSU-E FLR WH	White	IP20
83592400	DN610B 20S/830UE PSU-E FLR WH	White	IP20
83637200	DN610B 20S/840UE PSU-E C RML	White	IP20
83568900	DN610B 20S/840 PSU-E BKR WH	White	IP20
83581800	DN610B 20S/840UE PSU-E C WH PGO	White	IP20/54

Order Code	Full Product Name	Housing Color	Ingress protection code
83564100	DN610B 20S/840UE PSU-E C WH	White	IP20
83569600	DN610B 24S/840UE PSU-E C WH	White	IP20
83574000	DN610B 40S/840UE PSU-E C WH	White	IP20
83578800	DN610B 60S/840UE PSU-E C WH	White	IP20
83591700	DN610B 20S/830UE PSU-E C WH	White	IP20
83594800	DN610B 24S/830UE PSU-E C WH	White	IP20
83608200	DN610B 40S/840UE PSD-E C WH	White	IP20
83611200	DN610B 20S/840UE DIA-E C WH	White	IP20
83628000	DN610B 20S/840UE WIA-E C WH	White	IP20
83634100	DN610B 40S/840UE WIA-E C WH	White	IP20
83640200	DN610B 20S/940UE PSU-E C WH	White	IP20
83566500	DN610B 20S/840UE PSU-E WR WH	White	IP20
83571900	DN610B 24S/840UE PSU-E WR WH	White	IP20
83593100	DN610B 20S/830UE PSU-E WR WH	White	IP20

Approval and Application

Order Code	Full Product Name	ENEC mark
83585600	DN610B 20S/840UE PSU-E FLR BK	ENEC mark
83567200	DN610B 20S/840 PSU-E M WH	ENEC mark
83643300	DN610B 40S/TWH DIA-E C WH	-
83580100	DN610B 20S/840UE PSU-E C WH PG	ENEC mark
83582500	DN610B 24S/840UE PSU-E C WH PG	ENEC mark
83584900	DN610B 20S/840UE PSU-E C BK	ENEC mark
83639600	DN610B 20S/840UE PSU-E C RAD240 WH	ENEC mark
83638900	DN610B 20S/840UE PSU-E C RAD225 WH	ENEC mark
83565800	DN610B 20S/840UE PSU-E FLR WH	ENEC mark
83570200	DN610B 24S/840UE PSU-E FLR WH	ENEC mark
83592400	DN610B 20S/830UE PSU-E FLR WH	ENEC mark
83637200	DN610B 20S/840UE PSU-E C RML	ENEC mark
83568900	DN610B 20S/840 PSU-E BKR WH	ENEC mark
83581800	DN610B 20S/840UE PSU-E C WH PGO	ENEC mark

Order Code	Full Product Name	ENEC mark
83564100	DN610B 20S/840UE PSU-E C WH	ENEC mark
83569600	DN610B 24S/840UE PSU-E C WH	ENEC mark
83574000	DN610B 40S/840UE PSU-E C WH	ENEC mark
83578800	DN610B 60S/840UE PSU-E C WH	ENEC mark
83591700	DN610B 20S/830UE PSU-E C WH	ENEC mark
83594800	DN610B 24S/830UE PSU-E C WH	ENEC mark
83608200	DN610B 40S/840UE PSD-E C WH	ENEC mark
83611200	DN610B 20S/840UE DIA-E C WH	ENEC mark
83628000	DN610B 20S/840UE WIA-E C WH	ENEC mark
83634100	DN610B 40S/840UE WIA-E C WH	ENEC mark
83640200	DN610B 20S/940UE PSU-E C WH	ENEC mark
83566500	DN610B 20S/840UE PSU-E WR WH	ENEC mark
83571900	DN610B 24S/840UE PSU-E WR WH	ENEC mark
83593100	DN610B 20S/830UE PSU-E WR WH	ENEC mark

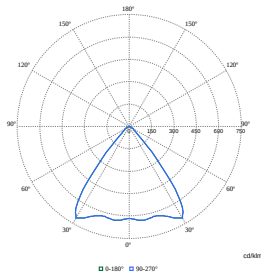
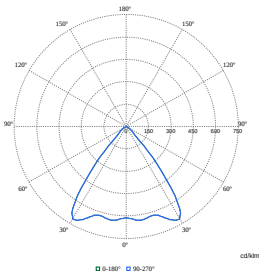
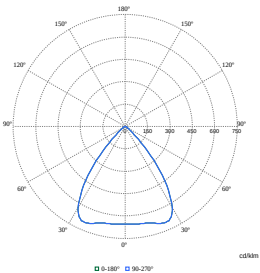
Initial Performance (IEC Compliant)

LuxSpace Compact, recessed

Order Code	Full Product Name	Initial chromaticity
83585600	DN610B 20S/840UE PSU-E FLR BK	(0.38,0.38)
83567200	DN610B 20S/840 PSU-E M WH	(0.38,0.38)
83643300	DN610B 40S/TWH DIA-E C WH	-
83580100	DN610B 20S/840UE PSU-E C WH PG	(0.38,0.38)
83582500	DN610B 24S/840UE PSU-E C WH PG	(0.38,0.38)
83584900	DN610B 20S/840UE PSU-E C BK	(0.38,0.38)
83639600	DN610B 20S/840UE PSU-E C RAD240 WH	(0.38,0.38)
83638900	DN610B 20S/840UE PSU-E C RAD225 WH	(0.38,0.38)
83565800	DN610B 20S/840UE PSU-E FLR WH	(0.38,0.38)
83570200	DN610B 24S/840UE PSU-E FLR WH	(0.38,0.38)
83592400	DN610B 20S/830UE PSU-E FLR WH	(0.44,0.40)
83637200	DN610B 20S/840UE PSU-E C RML	(0.38,0.38)
83568900	DN610B 20S/840 PSU-E BKR WH	(0.38,0.38)
83581800	DN610B 20S/840UE PSU-E C WH PGO	(0.38,0.38)

Order Code	Full Product Name	Initial chromaticity
83564100	DN610B 20S/840UE PSU-E C WH	(0.38,0.38)
83569600	DN610B 24S/840UE PSU-E C WH	(0.38,0.38)
83574000	DN610B 40S/840UE PSU-E C WH	(0.38,0.38)
83578800	DN610B 60S/840UE PSU-E C WH	(0.38,0.38)
83591700	DN610B 20S/830UE PSU-E C WH	(0.44,0.40)
83594800	DN610B 24S/830UE PSU-E C WH	(0.44,0.40)
83608200	DN610B 40S/840UE PSD-E C WH	(0.38,0.38)
83611200	DN610B 20S/840UE DIA-E C WH	(0.38,0.38)
83628000	DN610B 20S/840UE WIA-E C WH	(0.38,0.38)
83634100	DN610B 40S/840UE WIA-E C WH	(0.38,0.38)
83640200	DN610B 20S/940UE PSU-E C WH	(0.38,0.38)
83566500	DN610B 20S/840UE PSU-E WR WH	(0.38,0.38)
83571900	DN610B 24S/840UE PSU-E WR WH	(0.38,0.38)
83593100	DN610B 20S/830UE PSU-E WR WH	(0.44,0.40)

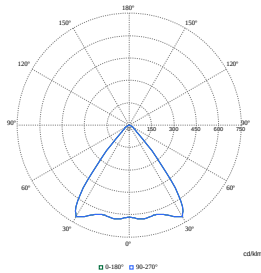
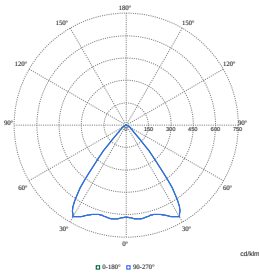
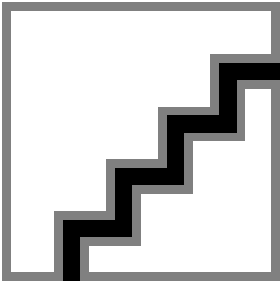
Polar Wide Diagrams



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Polar Normal (separate) - DN610BI - 910505104678

Polar Normal (separate) - DN610BI - 910505104693

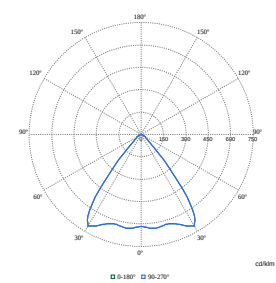


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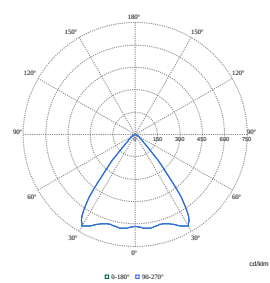
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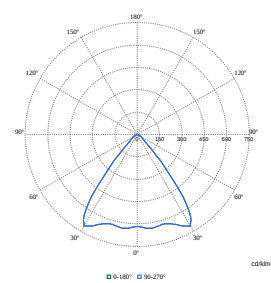
Polar Wide Diagrams



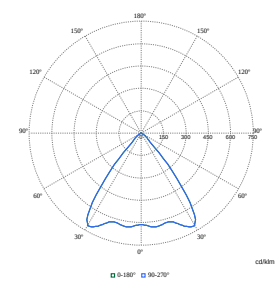
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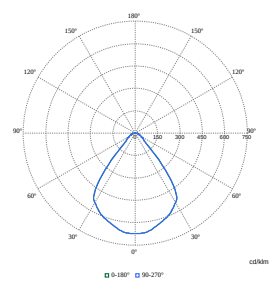
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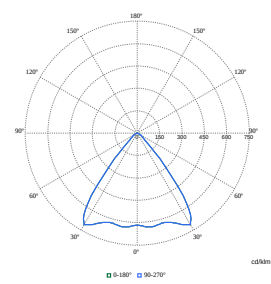
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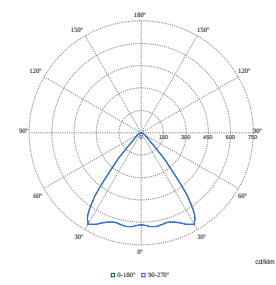
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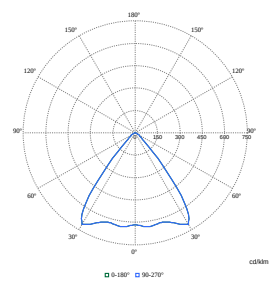
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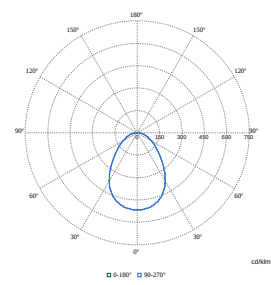
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Polar Normal (separate) - DN610BI - 910505104682

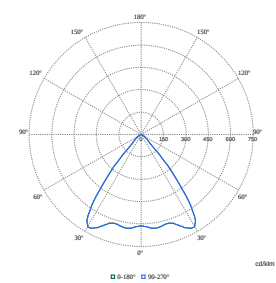


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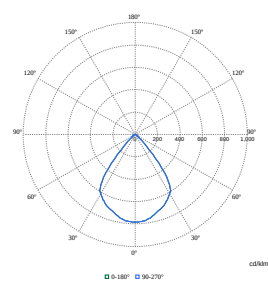


Polar Normal (separate) - DN610BI - 910505104694

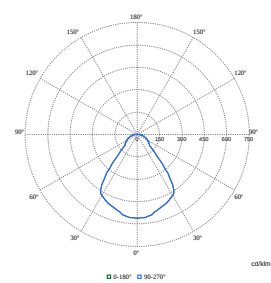
Polar Wide Diagrams



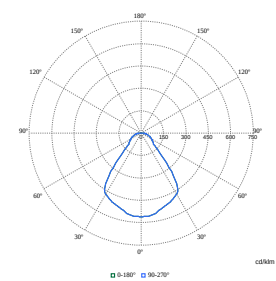
Polar Normal (separate) - DN610BI - 910505104683



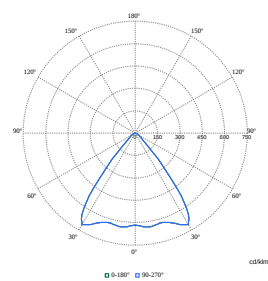
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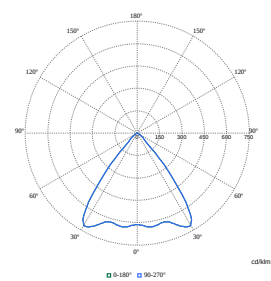
Polar Normal (separate) - DN610BI - 910505104679



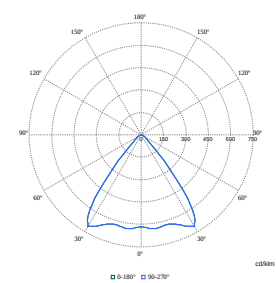
Polar Normal (separate) - DN610BI - 910505104684



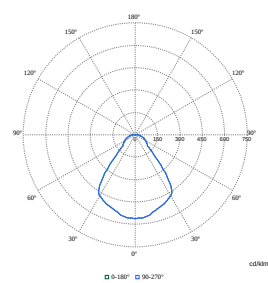
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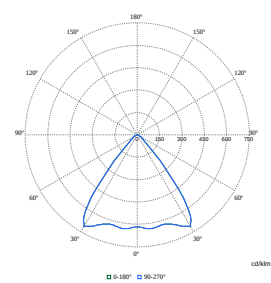
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Polar Normal (separate) - DN610BI - 910505104754



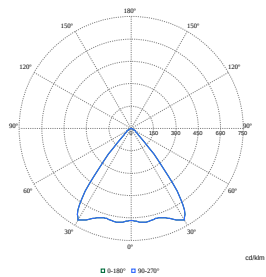
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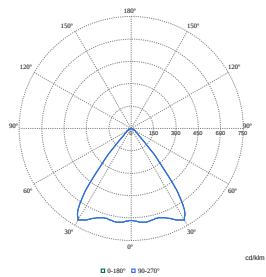
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LuxSpace Compact, recessed

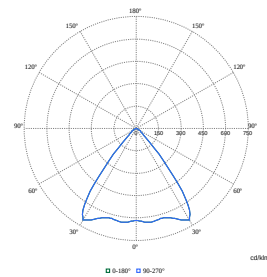
Polar Wide Diagrams



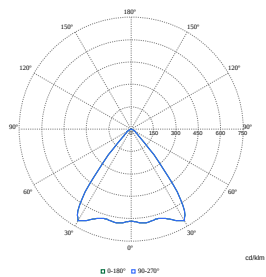
Polar Normal (separate) - DN610BI -
910505104748



Polar Normal (separate) - DN610BI -
910505104705



Polar Normal (separate) - DN610BI -
910505104742



Polar Normal (separate) - DN610BI -
910505104725

