



StoreFlow: a new concept in high-contrast aisle lighting

Philips StoreFlow is designed to provide the optimal light effect for shelf lighting or aisle lighting, so retailers can create an appealing ambience in store. The organic, natural design of the luminaire blends easily into the store environment, while the indirect PerfectAccent optics avoid glare and support a highly energy-efficient lighting installation. StoreFlow shelf lighting is made using bio-based plastics and offers easy serviceability of the LED, driver and optic, resulting in a low carbon footprint and meets the requirements of a Circular product. This high contrast lighting is available with a single-spot head (ST761T) that's ideal for the peripheral areas of the store, or as a double-spot head (ST762T) version, which is perfect for aisle lighting.

Benefits

- Optimal light effect for shelves and aisles: eye-level products stand out while the rest of the shelf is evenly lit with no unnecessary light on the floor
- Avoids shopper distraction with PerfectAccent indirect optics to reduce glare
- The compact luminaire design blends easily into store layouts
- StoreFlow can reduce your carbon footprint: the housing is made of bio-based plastics, and easy component replacement and system integration supports circular lighting

Applications

- Convenience stores
- Supermarkets and hypermarkets
- Large retail formats

Features

- 340° rotation and +/- 15° tilt (with angle indication) for perfect, consistent aiming of light
- Single or double spot head versions to light peripheral store areas as well as general aisles in the center of the store

- High luminaire efficacy - even with CRI 90 LEDs
- Removable covers for easy maintenance and optic, driver and LED upgrades
- Wireless or DALI-based controls to fine-tune light levels
- Cleaning of the optic should only be done with pressurized air. Touching the LED or reflector is forbidden.
- During maintenance, the product must be switched off and cooled down
- The product must be installed out of arm's reach. Manipulating the product when hot is only possible with an insulated glove
- With regards to damage factor, LED luminaires offer an improvement over conventional light sources, but may still cause color fading because even with no IR or UV in the light beam, light itself is a source of energy. To minimize the risk, avoid light levels over 1000 lx.
- ST761T Storeflow with 1 spothead should always be installed in line with the track if a suspension wire is used. Installation under an angle is only allowed on a track with rigid suspension to avoid tilting the track

Versions



StoreFlow Double Spothead
ST762T in black



StoreFlow Double Spothead
ST762T in white



StoreFlow Single Spothead
ST761T in silver



StoreFlow Single Spothead
ST761T in black

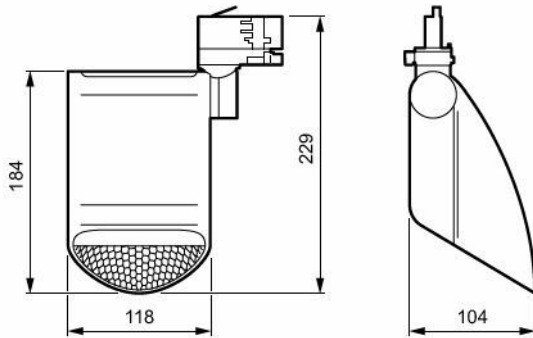


StoreFlow Double Spothead
ST762T in silver

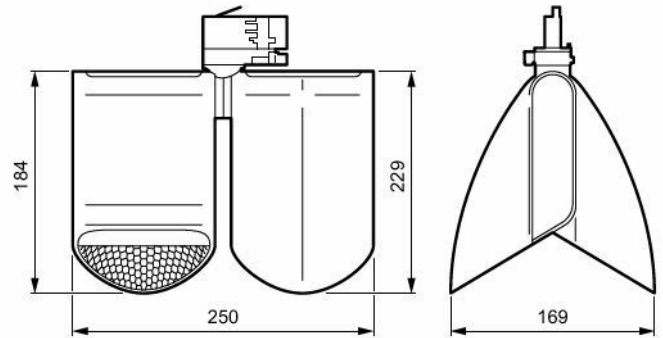


StoreFlow Single Spothead
ST761T in white

Dimensional drawing



StoreFlow Single - Power supply unit with DALI interface -
Assymetric Beam angle - 69° x 25°



StoreFlow Double - Power supply unit with DALI interface -
Double asymmetric optic - 70° x 37°

Product details



StoreFlow Single Spothead
ST761T sideview silver



StoreFlow Single Spothead
ST761T frontview silver



StoreFlow Double Spothead
ST762T frontview black



StoreFlow Single Spothead
ST761T frontview white



StoreFlow Double Spothead
ST762T frontview white



StoreFlow Double Spothead
ST762T sideview silver



StoreFlow Double Spothead
ST762T frontview silver



StoreFlow is easy to service
due to its removable covers



StoreFlow Single Spothead
ST761T sideview black



Tilt indications make
consistent aiming of multiple
spotheads easy



StoreFlow Single Spothead
ST761T frontview black



StoreFlow Double Spothead
ST762T sideview white



StoreFlow Single Spothead
ST761T sideview white



StoreFlow Double Spothead
ST762T sideview black

General Information

Light source replaceable	No
Driver included	Yes
Service tag	Yes

Light Technical

Beam angle of light source	120 degree(s)
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Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Suitable for random switching	No
Protection class IEC	Safety class II

Controls and Dimming

Maximum dim level	1%
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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	ENEC mark
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.5
Ambient temperature range	+10 to +35 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
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General Information

Order Code	Full Product Name	Number of gear units
01434300	ST762T 49S/PW930 DIA BK	2 units
01161800	ST762T 27S/830 DIA BK	2 units
01164900	ST762T 27S/PW935 WIA BK	2 units
01167000	ST762T 39S/840 PSU BK	2 units
01168700	ST762T 39S/PW930 DIA BK	2 units
01175500	ST762T 49S/PW935 DIA BK	2 units
01176200	ST762T 49S/PW940 DIA BK	2 units
01162500	ST762T 27S/840 PSU WH	2 units
01163200	ST762T 27S/PW930 DIA WH	2 units
01166300	ST762T 39S/830 DIA WH	2 units
01170000	ST762T 39S/PW940 DIA WH	2 units

Order Code	Full Product Name	Number of gear units
01172400	ST762T 49S/840 DIA WH	2 units
01177900	ST762T 49S/PW940 DIA WH	2 units
01156400	ST761T 39S/PW930 WIA SI	1 unit
01433600	ST761T 49S/PW930 DIA BK	1 unit
01158800	ST761T 49S/PW935 DIA BK	1 unit
01159500	ST761T 49S/PW940 DIA BK	1 unit
01165600	ST762T 27S/PW940 DIA SI	2 units
01169400	ST762T 39S/PW935 WIA SI	2 units
01173100	ST762T 49S/PW930 PSU SI	2 units
01146500	ST761T 49S/PW940 DIA WH	1 unit
01155700	ST761T 27S/830 PSU WH	1 unit

Light Technical

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Color rendering index (CRI)	Optic type
01434300	ST762T 49S/PW930 DIA BK	9,400 lm	3000 K	123 lm/W	>90	Double asymmetric optic
01161800	ST762T 27S/830 DIA BK	5,400 lm	3000 K	144 lm/W	>80	Double asymmetric optic
01164900	ST762T 27S/PW935 WIA BK	6,200 lm	3500 K	136 lm/W	>90	Double asymmetric optic
01167000	ST762T 39S/840 PSU BK	8,800 lm	4000 K	143 lm/W	>80	Double asymmetric optic
01168700	ST762T 39S/PW930 DIA BK	8,200 lm	3000 K	128 lm/W	>90	Double asymmetric optic
01175500	ST762T 49S/PW935 DIA BK	9,600 lm	3500 K	125 lm/W	>90	Double asymmetric optic
01176200	ST762T 49S/PW940 DIA BK	9,800 lm	4000 K	128 lm/W	>90	Double asymmetric optic
01162500	ST762T 27S/840 PSU WH	5,800 lm	4000 K	153 lm/W	>80	Double asymmetric optic
01163200	ST762T 27S/PW930 DIA WH	6,000 lm	3000 K	132 lm/W	>90	Double asymmetric optic
01166300	ST762T 39S/830 DIA WH	8,400 lm	3000 K	137 lm/W	>80	Double asymmetric optic
01170000	ST762T 39S/PW940 DIA WH	8,600 lm	4000 K	132 lm/W	>90	Double asymmetric optic
01172400	ST762T 49S/840 DIA WH	10,600 lm	4000 K	140 lm/W	>80	Double asymmetric optic
01177900	ST762T 49S/PW940 DIA WH	9,800 lm	4000 K	128 lm/W	>90	Double asymmetric optic
01156400	ST761T 39S/PW930 WIA SI	4,100 lm	3000 K	126 lm/W	>90	Assymetric Beam angle
01433600	ST761T 49S/PW930 DIA BK	4,700 lm	3000 K	123 lm/W	>90	Assymetric Beam angle
01158800	ST761T 49S/PW935 DIA BK	4,800 lm	3500 K	125 lm/W	>90	Assymetric Beam angle
01159500	ST761T 49S/PW940 DIA BK	4,900 lm	4000 K	128 lm/W	>90	Assymetric Beam angle
01165600	ST762T 27S/PW940 DIA SI	6,000 lm	4000 K	132 lm/W	>90	Double asymmetric optic
01169400	ST762T 39S/PW935 WIA SI	8,400 lm	3500 K	129 lm/W	>90	Double asymmetric optic
01173100	ST762T 49S/PW930 PSU SI	9,400 lm	3000 K	119 lm/W	>90	Double asymmetric optic
01146500	ST761T 49S/PW940 DIA WH	4,900 lm	4000 K	128 lm/W	>90	Assymetric Beam angle
01155700	ST761T 27S/830 PSU WH	2,700 lm	3000 K	142 lm/W	>80	Assymetric Beam angle

Operating and Electrical

Order Code	Full Product Name	Power Consumption
01434300	ST762T 49S/PW930 DIA BK	77 W

Order Code	Full Product Name	Power Consumption
01161800	ST762T 27S/830 DIA BK	37 W
01164900	ST762T 27S/PW935 WIA BK	45.5 W
01167000	ST762T 39S/840 PSU BK	61 W
01168700	ST762T 39S/PW930 DIA BK	64 W
01175500	ST762T 49S/PW935 DIA BK	77 W
01176200	ST762T 49S/PW940 DIA BK	77 W
01162500	ST762T 27S/840 PSU WH	38 W
01163200	ST762T 27S/PW930 DIA WH	45.5 W
01166300	ST762T 39S/830 DIA WH	61 W
01170000	ST762T 39S/PW940 DIA WH	65 W
01172400	ST762T 49S/840 DIA WH	76 W
01177900	ST762T 49S/PW940 DIA WH	77 W
01156400	ST761T 39S/PW930 WIA SI	32.5 W
01433600	ST761T 49S/PW930 DIA BK	38.5 W
01158800	ST761T 49S/PW935 DIA BK	38.5 W
01159500	ST761T 49S/PW940 DIA BK	38.5 W
01165600	ST762T 27S/PW940 DIA SI	45.5 W
01169400	ST762T 39S/PW935 WIA SI	65 W
01173100	ST762T 49S/PW930 PSU SI	79 W
01146500	ST761T 49S/PW940 DIA WH	38.5 W
01155700	ST761T 27S/830 PSU WH	19 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
01434300	ST762T 49S/PW930 DIA BK	Yes
01161800	ST762T 27S/830 DIA BK	Yes
01164900	ST762T 27S/PW935 WIA BK	Yes
01167000	ST762T 39S/840 PSU BK	No
01168700	ST762T 39S/PW930 DIA BK	Yes
01175500	ST762T 49S/PW935 DIA BK	Yes
01176200	ST762T 49S/PW940 DIA BK	Yes
01162500	ST762T 27S/840 PSU WH	No
01163200	ST762T 27S/PW930 DIA WH	Yes
01166300	ST762T 39S/830 DIA WH	Yes
01170000	ST762T 39S/PW940 DIA WH	Yes
01172400	ST762T 49S/840 DIA WH	Yes
01177900	ST762T 49S/PW940 DIA WH	Yes
01156400	ST761T 39S/PW930 WIA SI	Yes
01433600	ST761T 49S/PW930 DIA BK	Yes
01158800	ST761T 49S/PW935 DIA BK	Yes
01159500	ST761T 49S/PW940 DIA BK	Yes

Order Code	Full Product Name	Dimmable
01165600	ST762T 27S/PW940 DIA SI	Yes
01169400	ST762T 39S/PW935 WIA SI	Yes
01173100	ST762T 49S/PW930 PSU SI	No
01146500	ST761T 49S/PW940 DIA WH	Yes
01155700	ST761T 27S/830 PSU WH	No

Mechanical and Housing

Order Code	Full Product Name	Housing Color
01434300	ST762T 49S/PW930 DIA BK	Black
01161800	ST762T 27S/830 DIA BK	Black
01164900	ST762T 27S/PW935 WIA BK	Black
01167000	ST762T 39S/840 PSU BK	Black
01168700	ST762T 39S/PW930 DIA BK	Black
01175500	ST762T 49S/PW935 DIA BK	Black
01176200	ST762T 49S/PW940 DIA BK	Black
01162500	ST762T 27S/840 PSU WH	White
01163200	ST762T 27S/PW930 DIA WH	White
01166300	ST762T 39S/830 DIA WH	White
01170000	ST762T 39S/PW940 DIA WH	White
01172400	ST762T 49S/840 DIA WH	White
01177900	ST762T 49S/PW940 DIA WH	White
01156400	ST761T 39S/PW930 WIA SI	Silver
01433600	ST761T 49S/PW930 DIA BK	Black
01158800	ST761T 49S/PW935 DIA BK	Black
01159500	ST761T 49S/PW940 DIA BK	Black
01165600	ST762T 27S/PW940 DIA SI	Silver
01169400	ST762T 39S/PW935 WIA SI	Silver
01173100	ST762T 49S/PW930 PSU SI	Silver
01146500	ST761T 49S/PW940 DIA WH	White
01155700	ST761T 27S/830 PSU WH	White

Initial Performance (IEC Compliant)

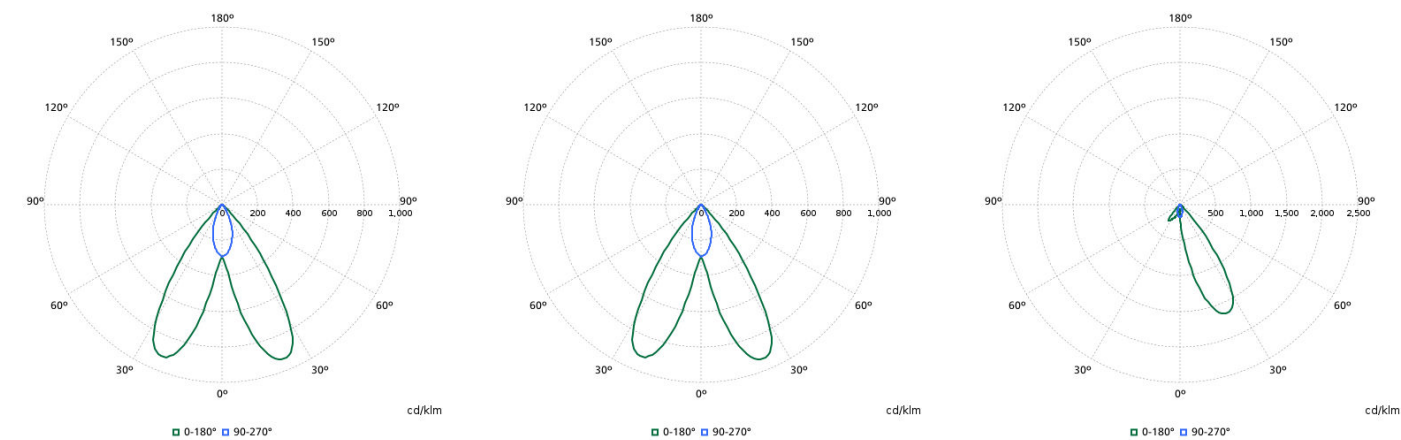
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01161800	ST762T 27S/830 DIA BK	(0.434,0.403)<3
01164900	ST762T 27S/PW935 WIA BK	(0.398,0.376)<2
01167000	ST762T 39S/840 PSU BK	(0.382,0.380)<3
01168700	ST762T 39S/PW930 DIA BK	(0.422,0.386)<2
01175500	ST762T 49S/PW935 DIA BK	(0.398,0.376)<2
01176200	ST762T 49S/PW940 DIA BK	(0.374,0.364)<2

Order Code	Full Product Name	Initial chromaticity
01162500	ST762T 27S/840 PSU WH	(0.382,0.380)<3
01163200	ST762T 27S/PW930 DIA WH	(0.422,0.386)<2
01166300	ST762T 39S/830 DIA WH	(0.434,0.403)<3
01170000	ST762T 39S/PW940 DIA WH	(0.374,0.364)<2
01172400	ST762T 49S/840 DIA WH	(0.382,0.380)<3
01177900	ST762T 49S/PW940 DIA WH	(0.374,0.364)<2
01156400	ST761T 39S/PW930 WIA SI	(0.422,0.386)<2
01433600	ST761T 49S/PW930 DIA BK	(0.422,0.386)<2
01158800	ST761T 49S/PW935 DIA BK	(0.398,0.376)<2
01159500	ST761T 49S/PW940 DIA BK	(0.374,0.364)<2
01165600	ST762T 27S/PW940 DIA SI	(0.374,0.364)<2
01169400	ST762T 39S/PW935 WIA SI	(0.398,0.376)<2
01173100	ST762T 49S/PW930 PSU SI	(0.422,0.386)<2
01146500	ST761T 49S/PW940 DIA WH	(0.374,0.364)<2
01155700	ST761T 27S/830 PSU WH	(0.434,0.403)<3

Product Data

Order Code	Full Product Name	Product family code
01434300	ST762T 49S/PW930 DIA BK	ST762T
01161800	ST762T 27S/830 DIA BK	ST762T
01164900	ST762T 27S/PW935 WIA BK	ST762T
01167000	ST762T 39S/840 PSU BK	ST762T
01168700	ST762T 39S/PW930 DIA BK	ST762T
01175500	ST762T 49S/PW935 DIA BK	ST762T
01176200	ST762T 49S/PW940 DIA BK	ST762T
01162500	ST762T 27S/840 PSU WH	ST762T
01163200	ST762T 27S/PW930 DIA WH	ST762T
01166300	ST762T 39S/830 DIA WH	ST762T
01170000	ST762T 39S/PW940 DIA WH	ST762T
01172400	ST762T 49S/840 DIA WH	ST762T
01177900	ST762T 49S/PW940 DIA WH	ST762T
01156400	ST761T 39S/PW930 WIA SI	ST761T
01433600	ST761T 49S/PW930 DIA BK	ST761T
01158800	ST761T 49S/PW935 DIA BK	ST761T
01159500	ST761T 49S/PW940 DIA BK	ST761T
01165600	ST762T 27S/PW940 DIA SI	ST762T
01169400	ST762T 39S/PW935 WIA SI	ST762T
01173100	ST762T 49S/PW930 PSU SI	ST762T
01146500	ST761T 49S/PW940 DIA WH	ST761T
01155700	ST761T 27S/830 PSU WH	ST761T

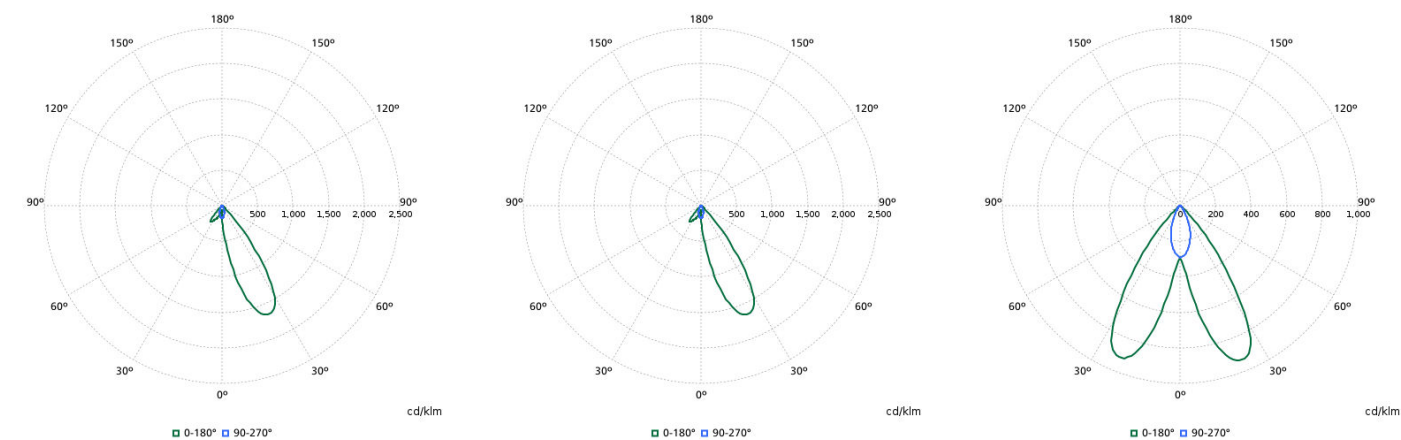
Polar normal diagrams



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ST760TI - 910505102534

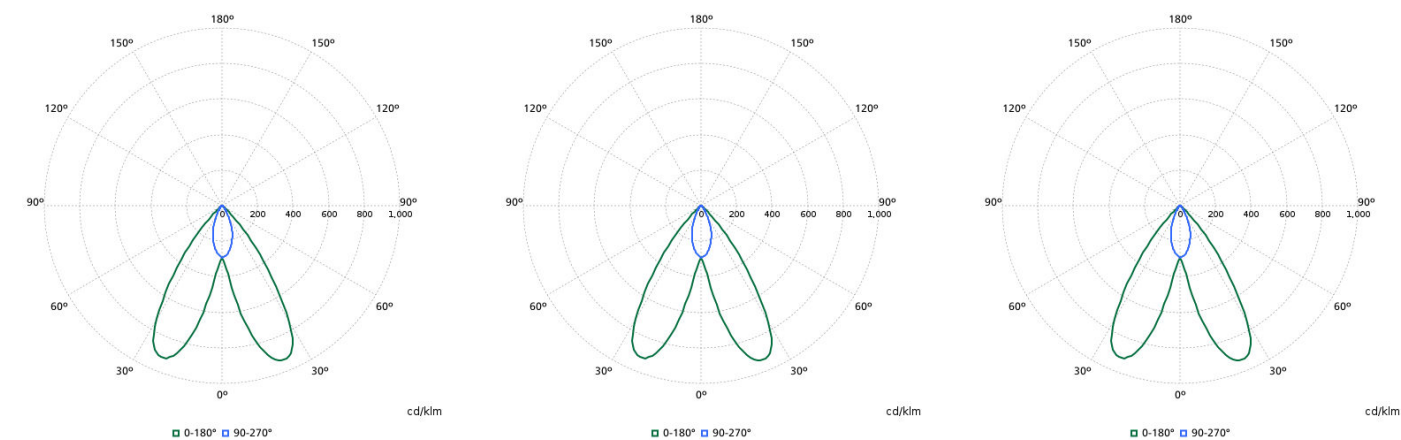
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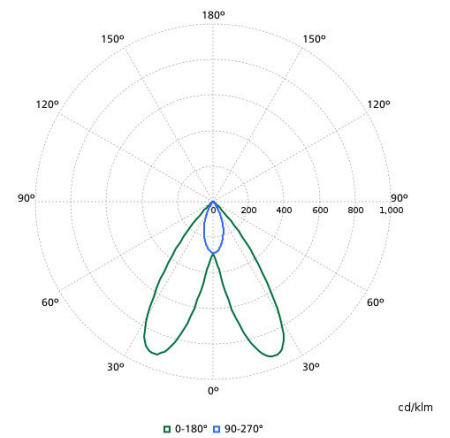
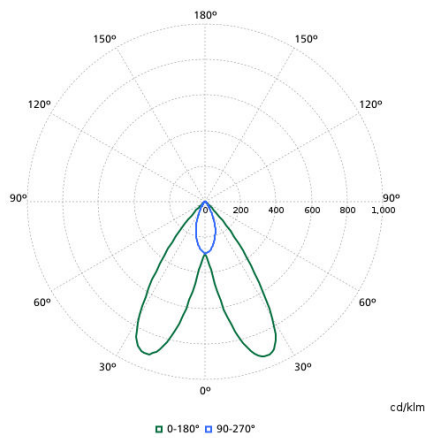
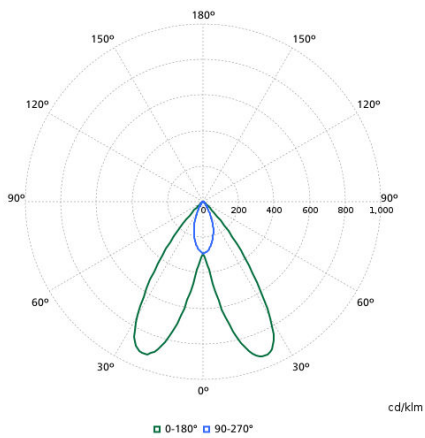
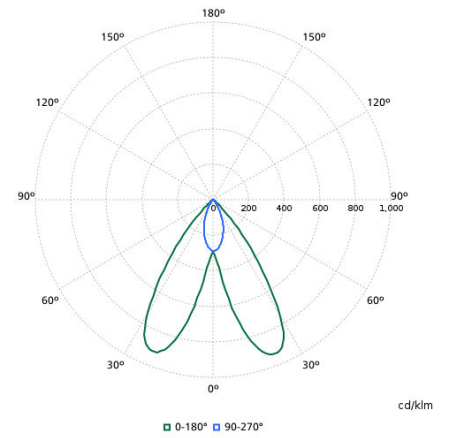
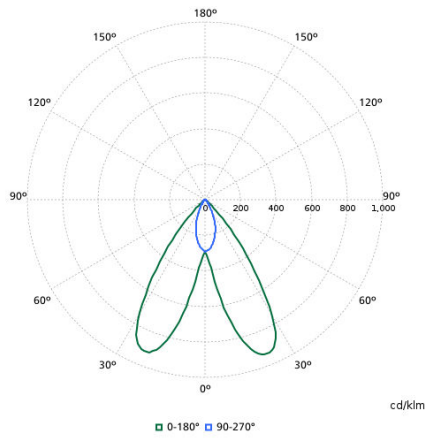
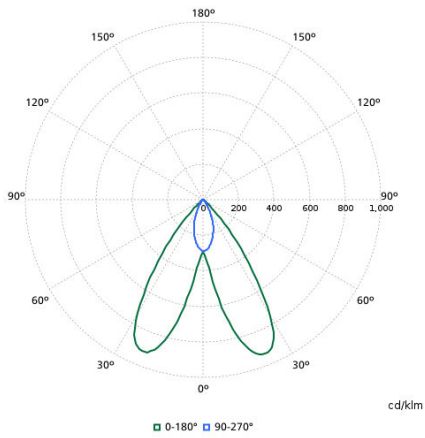
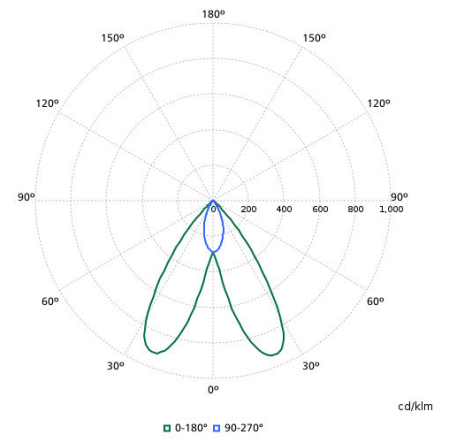
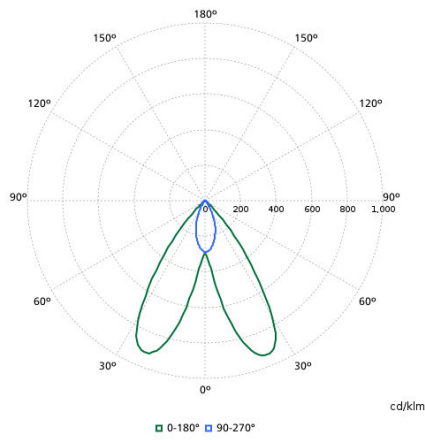
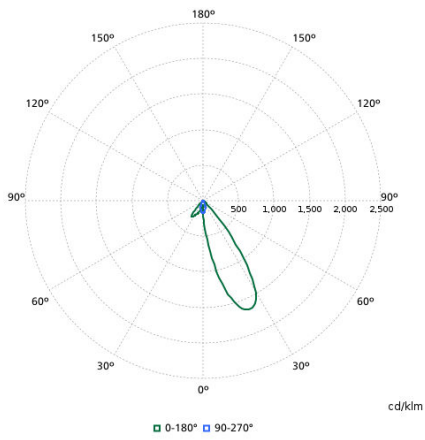
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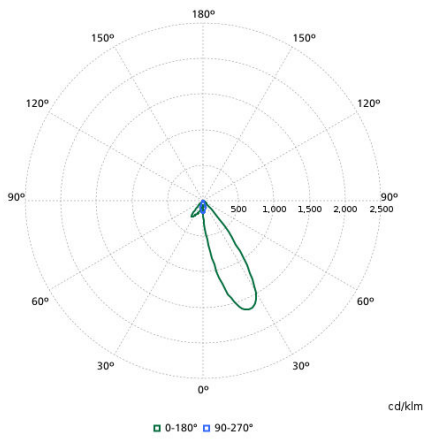


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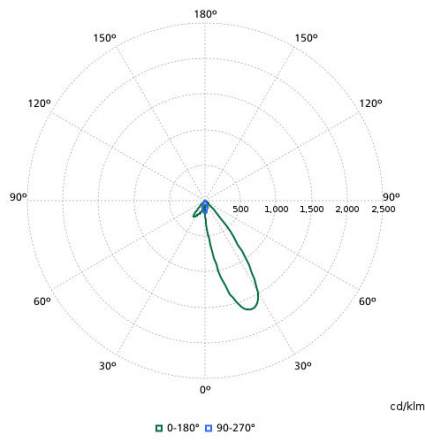
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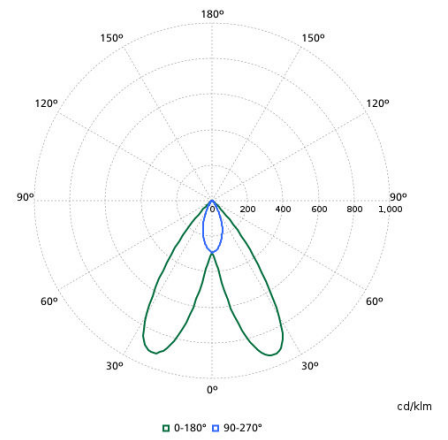




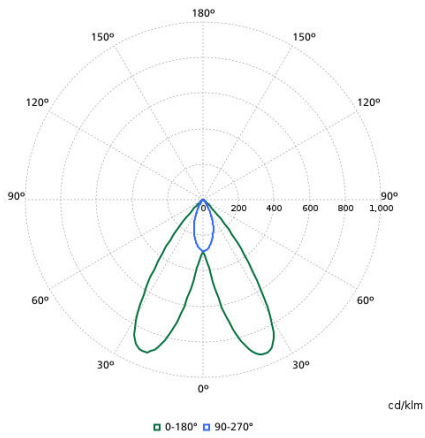
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