



Philips StoreFlow: a new concept in high-contrast aisle lighting

StoreFlow

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

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

Application

- Convenience stores
- Supermarkets and hypermarkets
- Large retail formats

Warnings and Safety

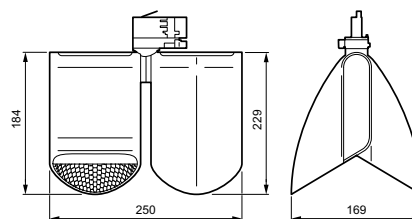
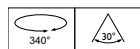
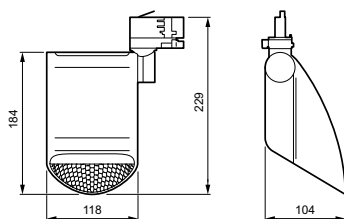
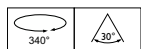
- Cleaning of the optic should only be done with pressurized air. Touching the LED or reflector is forbidden.
- During maintenance, the product must be switched off and cooled down
- The product must be installed out of arm's reach. Manipulating the product when hot is only possible with an insulated 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 Single Spothead ST761T
in silver

Dimensional drawing



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

Product details



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	
Driver included	Yes
Light source replaceable	No
Service tag	Yes
Light Technical	
Beam angle of light source	120 degree(s)
Operating and Electrical	
Protection class IEC	Safety class II
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Suitable for random switching	No
Controls and Dimming	
Maximum dim level	1%
Mechanical and Housing	
Mech. impact protection code	IK02
Ingress protection code	IP20
Approval and Application	
Ambient temperature range	+10 to +35 °C
CE mark	Yes
ENEC mark	ENEC mark
Flammability mark	For mounting on normally flammable surfaces
Glow-wire test	Temperature 650 °C, duration 30 s
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.5
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%

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
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 (1/2)

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)	Luminous Flux
01434300	ST762T 49S/PW930 DIA BK	3000 K	>90	122 lm/W	9,800 lm
01161800	ST762T 27S/830 DIA BK	3000 K	>80	132 lm/W	5,400 lm

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)	Luminous Flux
01164900	ST762T 27S/PW935 WIA BK	3500 K	>90	130 lm/W	5,400 lm
01167000	ST762T 39S/840 PSU BK	4000 K	>80	128 lm/W	7,800 lm

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)	Luminous Flux
01168700	ST762T 39S/ PW930 DIA BK	3000 K	>90	124 lm/W	7,800 lm
01175500	ST762T 49S/ PW935 DIA BK	3500 K	>90	127 lm/W	9,800 lm
01176200	ST762T 49S/ PW940 DIA BK	4000 K	>90	135 lm/W	9,800 lm
01162500	ST762T 27S/840 PSU WH	4000 K	>80	137 lm/W	5,400 lm
01163200	ST762T 27S/ PW930 DIA WH	3000 K	>90	130 lm/W	5,400 lm
01166300	ST762T 39S/830 DIA WH	3000 K	>80	131 lm/W	7,800 lm
01170000	ST762T 39S/ PW940 DIA WH	4000 K	>90	136 lm/W	7,800 lm
01172400	ST762T 49S/840 DIA WH	4000 K	>80	132 lm/W	9,800 lm
01177900	ST762T 49S/ PW940 DIA WH	4000 K	>90	135 lm/W	9,800 lm

Light Technical (2/2)

Order Code	Full Product Name	Optic type
01434300	ST762T 49S/PW930 DIA BK	Double asymmetric optic
01161800	ST762T 27S/830 DIA BK	Double asymmetric optic
01164900	ST762T 27S/PW935 WIA BK	Double asymmetric optic
01167000	ST762T 39S/840 PSU BK	Double asymmetric optic
01168700	ST762T 39S/PW930 DIA BK	Double asymmetric optic
01175500	ST762T 49S/PW935 DIA BK	Double asymmetric optic
01176200	ST762T 49S/PW940 DIA BK	Double asymmetric optic
01162500	ST762T 27S/840 PSU WH	Double asymmetric optic
01163200	ST762T 27S/PW930 DIA WH	Double asymmetric optic
01166300	ST762T 39S/830 DIA WH	Double asymmetric optic
01170000	ST762T 39S/PW940 DIA WH	Double asymmetric optic

Operating and Electrical

Order Code	Full Product Name	Power Consumption
01434300	ST762T 49S/PW930 DIA BK	75 W
01161800	ST762T 27S/830 DIA BK	46 W
01164900	ST762T 27S/PW935 WIA BK	44.5 W

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)	Luminous Flux
01156400	ST761T 39S/ PW930 WIA SI	3000 K	>90	124 lm/W	3,900 lm
01433600	ST761T 49S/ PW930 DIA BK	3000 K	>90	122 lm/W	4,900 lm
01158800	ST761T 49S/ PW935 DIA BK	3500 K	>90	127 lm/W	4,900 lm
01159500	ST761T 49S/ PW940 DIA BK	4000 K	>90	133 lm/W	4,900 lm
01165600	ST762T 27S/ PW940 DIA SI	4000 K	>90	139 lm/W	5,400 lm
01169400	ST762T 39S/ PW935 WIA SI	3500 K	>90	128 lm/W	7,800 lm
01173100	ST762T 49S/ PW930 PSU SI	3000 K	>90	122 lm/W	9,800 lm
01146500	ST761T 49S/ PW940 DIA WH	4000 K	>90	133 lm/W	4,900 lm
01155700	ST761T 27S/830 PSU WH	3000 K	>80	130 lm/W	2,700 lm

Order Code	Full Product Name	Optic type
01172400	ST762T 49S/840 DIA WH	Double asymmetric optic
01177900	ST762T 49S/PW940 DIA WH	Double asymmetric optic
01156400	ST761T 39S/PW930 WIA SI	Assymetric Beam angle
01433600	ST761T 49S/PW930 DIA BK	Assymetric Beam angle
01158800	ST761T 49S/PW935 DIA BK	Assymetric Beam angle
01159500	ST761T 49S/PW940 DIA BK	Assymetric Beam angle
01165600	ST762T 27S/PW940 DIA SI	Double asymmetric optic
01169400	ST762T 39S/PW935 WIA SI	Double asymmetric optic
01173100	ST762T 49S/PW930 PSU SI	Double asymmetric optic
01146500	ST761T 49S/PW940 DIA WH	Assymetric Beam angle
01155700	ST761T 27S/830 PSU WH	Assymetric Beam angle

Order Code	Full Product Name	Power Consumption
01167000	ST762T 39S/840 PSU BK	67 W
01168700	ST762T 39S/PW930 DIA BK	66 W
01175500	ST762T 49S/PW935 DIA BK	73.5 W

Order Code	Full Product Name	Power Consumption
01176200	ST762T 49S/PW940 DIA BK	73.5 W
01162500	ST762T 27S/840 PSU WH	46 W
01163200	ST762T 27S/PW930 DIA WH	44.5 W
01166300	ST762T 39S/830 DIA WH	66 W
01170000	ST762T 39S/PW940 DIA WH	66 W
01172400	ST762T 49S/840 DIA WH	73.5 W
01177900	ST762T 49S/PW940 DIA WH	73.5 W
01156400	ST761T 39S/PW930 WIA SI	33 W

Order Code	Full Product Name	Power Consumption
01433600	ST761T 49S/PW930 DIA BK	37.5 W
01158800	ST761T 49S/PW935 DIA BK	37.5 W
01159500	ST761T 49S/PW940 DIA BK	37.5 W
01165600	ST762T 27S/PW940 DIA SI	44.5 W
01169400	ST762T 39S/PW935 WIA SI	66 W
01173100	ST762T 49S/PW930 PSU SI	75 W
01146500	ST761T 49S/PW940 DIA WH	37.5 W
01155700	ST761T 27S/830 PSU WH	23 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

Order Code	Full Product Name	Dimmable
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
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

Order Code	Full Product Name	Housing Color
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)

Order Code	Full Product Name	Initial chromaticity
01434300	ST762T 49S/PW930 DIA BK	(0.422,0.386)<2
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
01162500	ST762T 27S/840 PSU WH	(0.382,0.380)<3
01163200	ST762T 27S/PW930 DIA WH	(0.422,0.386)<2

Order Code	Full Product Name	Initial chromaticity
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

Order Code	Full Product Name	Initial chromaticity
01169400	ST762T 39S/PW935 WIA SI	(0.398,0.376)<2
01173100	ST762T 49S/PW930 PSU SI	(0.422,0.386)<2

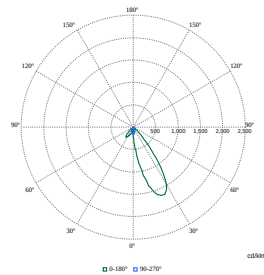
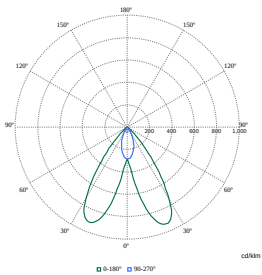
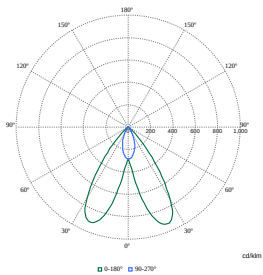
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01146500	ST761T 49S/PW940 DIA WH	(0.374,0.364)<2
01155700	ST761T 27S/830 PSU WH	(0.434,0.403)<3

Product Data

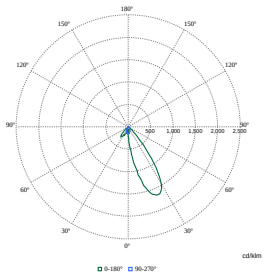
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01167000	ST762T 39S/840 PSU BK	ST762T
01168700	ST762T 39S/PW930 DIA BK	ST762T
01175500	ST762T 49S/PW935 DIA BK	ST762T
01176200	ST762T 49S/PW940 DIA BK	ST762T
01162500	ST762T 27S/840 PSU WH	ST762T
01163200	ST762T 27S/PW930 DIA WH	ST762T
01166300	ST762T 39S/830 DIA WH	ST762T
01170000	ST762T 39S/PW940 DIA WH	ST762T

Order Code	Full Product Name	Product family code
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
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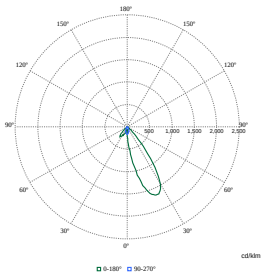
Polar Wide Diagrams



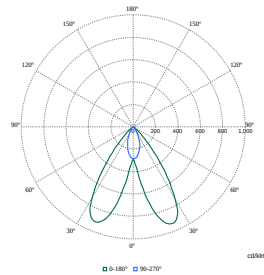
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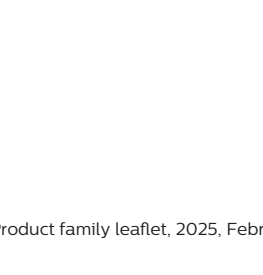
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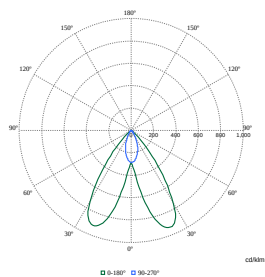
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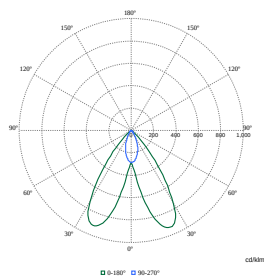
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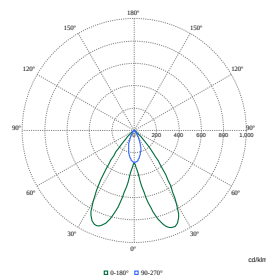
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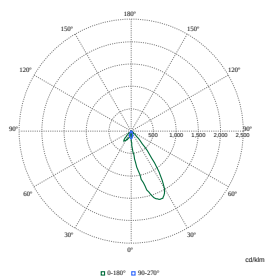
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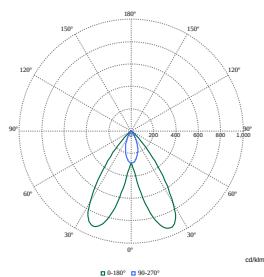
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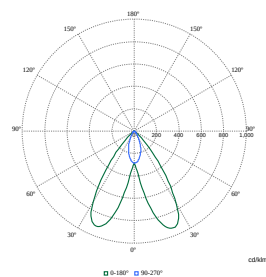
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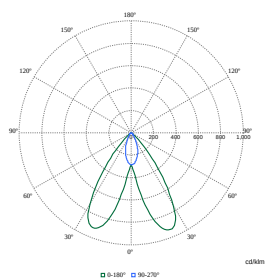
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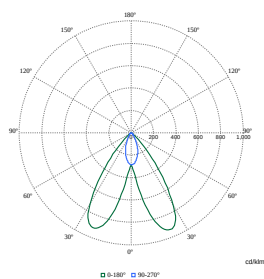
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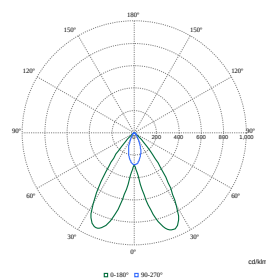
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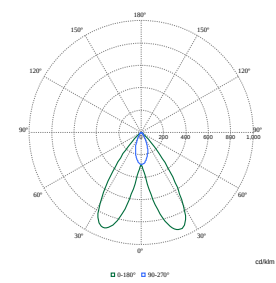


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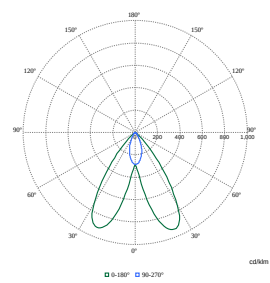


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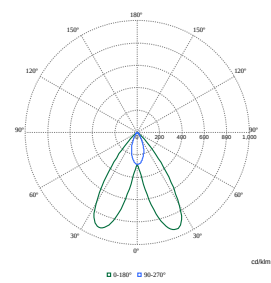
Polar Wide Diagrams



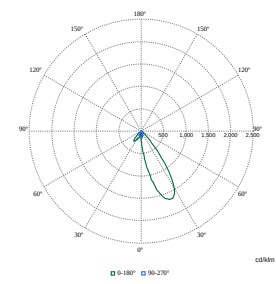
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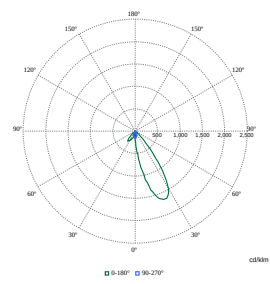
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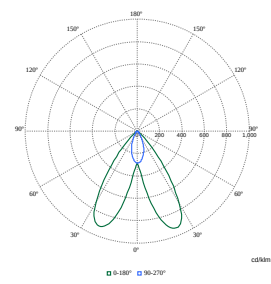
Polar Normal (separate) - ST760TI - 910505102532



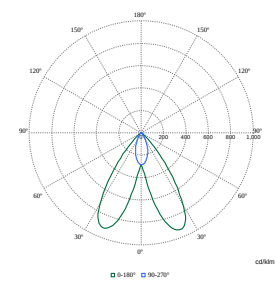
Polar Normal (separate) - ST760TI - 910505102520



Polar Normal (separate) - ST760TI - 910505102517



Polar Normal (separate) - ST760TI - 910505102525



Polar Normal (separate) - ST760TI - 910505102528

