



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

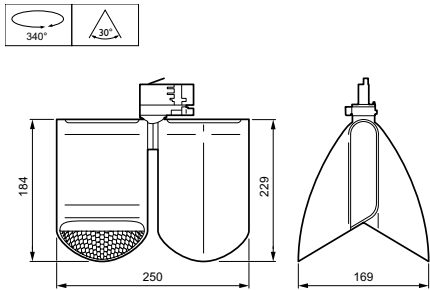
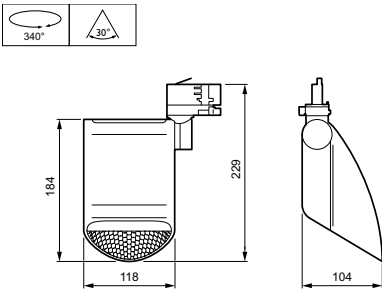


StoreFlow Single Spothead ST761T
in black



StoreFlow Single Spothead ST761T
in white

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

Product details



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	
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
910505102415	ST762T 49S/PW930 DIA BK	2 units
910505102523	ST762T 27S/830 DIA BK	2 units
910505102526	ST762T 27S/PW935 WIA BK	2 units
910505102529	ST762T 39S/840 PSU BK	2 units
910505102530	ST762T 39S/PW930 DIA BK	2 units
910505102537	ST762T 49S/PW935 DIA BK	2 units
910505102538	ST762T 49S/PW940 DIA BK	2 units
910505102524	ST762T 27S/840 PSU WH	2 units
910505102525	ST762T 27S/PW930 DIA WH	2 units
910505102528	ST762T 39S/830 DIA WH	2 units
910505102532	ST762T 39S/PW940 DIA WH	2 units
910505102534	ST762T 49S/840 DIA WH	2 units
910505102539	ST762T 49S/PW940 DIA WH	2 units
910505102518	ST761T 39S/PW930 WIA SI	1 unit
910505102414	ST761T 49S/PW930 DIA BK	1 unit
910505102520	ST761T 49S/PW935 DIA BK	1 unit
910505102521	ST761T 49S/PW940 DIA BK	1 unit
910505102527	ST762T 27S/PW940 DIA SI	2 units
910505102531	ST762T 39S/PW935 WIA SI	2 units
910505102535	ST762T 49S/PW930 PSU SI	2 units
910505102508	ST761T 49S/PW940 DIA WH	1 unit
910505102517	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
910505102415	ST762T 49S/PW930 DIA BK	3000 K	>90	123 lm/W	9,400 lm
910505102523	ST762T 27S/830 DIA BK	3000 K	>80	144 lm/W	5,400 lm

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)	Luminous Flux
910505102526	ST762T 27S/PW935 WIA BK	3500 K	>90	136 lm/W	6,200 lm
910505102529	ST762T 39S/840 PSU BK	4000 K	>80	143 lm/W	8,800 lm

		Correlated Color Temperature	Color rendering index	Luminous Efficacy (rated)	Luminous
Order Code	Full Product Name	(Nom)	(CRI)	(Nom)	Flux
910505102530	ST762T 39S/ PW930 DIA BK	3000 K	>90	128 lm/W	8,200 lm
910505102537	ST762T 49S/ PW935 DIA BK	3500 K	>90	125 lm/W	9,600 lm
910505102538	ST762T 49S/ PW940 DIA BK	4000 K	>90	128 lm/W	9,800 lm
910505102524	ST762T 27S/840 PSU WH	4000 K	>80	153 lm/W	5,800 lm
910505102525	ST762T 27S/ PW930 DIA WH	3000 K	>90	132 lm/W	6,000 lm
910505102528	ST762T 39S/830 DIA WH	3000 K	>80	137 lm/W	8,400 lm
910505102532	ST762T 39S/ PW940 DIA WH	4000 K	>90	132 lm/W	8,600 lm
910505102534	ST762T 49S/840 DIA WH	4000 K	>80	140 lm/W	10,600 lm
910505102539	ST762T 49S/ PW940 DIA WH	4000 K	>90	128 lm/W	9,800 lm

Light Technical (2/2)

Order Code	Full Product Name	Optic type
910505102415	ST762T 49S/PW930 DIA BK	Double asymmetric optic
910505102523	ST762T 27S/830 DIA BK	Double asymmetric optic
910505102526	ST762T 27S/PW935 WIA BK	Double asymmetric optic
910505102529	ST762T 39S/840 PSU BK	Double asymmetric optic
910505102530	ST762T 39S/PW930 DIA BK	Double asymmetric optic
910505102537	ST762T 49S/PW935 DIA BK	Double asymmetric optic
910505102538	ST762T 49S/PW940 DIA BK	Double asymmetric optic
910505102524	ST762T 27S/840 PSU WH	Double asymmetric optic
910505102525	ST762T 27S/PW930 DIA WH	Double asymmetric optic
910505102528	ST762T 39S/830 DIA WH	Double asymmetric optic
910505102532	ST762T 39S/PW940 DIA WH	Double asymmetric optic

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910505102415	ST762T 49S/PW930 DIA BK	77 W
910505102523	ST762T 27S/830 DIA BK	37 W

		Correlated Color Temperature	Color rendering index	Luminous Efficacy (rated)	Luminous
Order Code	Full Product Name	(Nom)	(CRI)	(Nom)	Flux
910505102518	ST761T 39S/ PW930 WIA SI	3000 K	>90	126 lm/W	4,100 lm
910505102414	ST761T 49S/ PW930 DIA BK	3000 K	>90	123 lm/W	4,700 lm
910505102520	ST761T 49S/ PW935 DIA BK	3500 K	>90	125 lm/W	4,800 lm
910505102521	ST761T 49S/ PW940 DIA BK	4000 K	>90	128 lm/W	4,900 lm
910505102527	ST762T 27S/ PW940 DIA SI	4000 K	>90	132 lm/W	6,000 lm
910505102531	ST762T 39S/ PW935 WIA SI	3500 K	>90	129 lm/W	8,400 lm
910505102535	ST762T 49S/ PW930 PSU SI	3000 K	>90	119 lm/W	9,400 lm
910505102508	ST761T 49S/ PW940 DIA WH	4000 K	>90	128 lm/W	4,900 lm
910505102517	ST761T 27S/830 PSU WH	3000 K	>80	142 lm/W	2,700 lm

Order Code	Full Product Name	Optic type
910505102534	ST762T 49S/840 DIA WH	Double asymmetric optic
910505102539	ST762T 49S/PW940 DIA WH	Double asymmetric optic
910505102518	ST761T 39S/PW930 WIA SI	Assymetric Beam angle
910505102414	ST761T 49S/PW930 DIA BK	Assymetric Beam angle
910505102520	ST761T 49S/PW935 DIA BK	Assymetric Beam angle
910505102521	ST761T 49S/PW940 DIA BK	Assymetric Beam angle
910505102527	ST762T 27S/PW940 DIA SI	Double asymmetric optic
910505102531	ST762T 39S/PW935 WIA SI	Double asymmetric optic
910505102535	ST762T 49S/PW930 PSU SI	Double asymmetric optic
910505102508	ST761T 49S/PW940 DIA WH	Assymetric Beam angle
910505102517	ST761T 27S/830 PSU WH	Assymetric Beam angle

Order Code	Full Product Name	Power Consumption
910505102526	ST762T 27S/PW935 WIA BK	45.5 W
910505102529	ST762T 39S/840 PSU BK	61 W

Order Code	Full Product Name	Power Consumption
910505102530	ST762T 39S/PW930 DIA BK	64 W
910505102537	ST762T 49S/PW935 DIA BK	77 W
910505102538	ST762T 49S/PW940 DIA BK	77 W
910505102524	ST762T 27S/840 PSU WH	38 W
910505102525	ST762T 27S/PW930 DIA WH	45.5 W
910505102528	ST762T 39S/830 DIA WH	61 W
910505102532	ST762T 39S/PW940 DIA WH	65 W
910505102534	ST762T 49S/840 DIA WH	76 W
910505102539	ST762T 49S/PW940 DIA WH	77 W

Order Code	Full Product Name	Power Consumption
910505102518	ST761T 39S/PW930 WIA SI	32.5 W
910505102414	ST761T 49S/PW930 DIA BK	38.5 W
910505102520	ST761T 49S/PW935 DIA BK	38.5 W
910505102521	ST761T 49S/PW940 DIA BK	38.5 W
910505102527	ST762T 27S/PW940 DIA SI	45.5 W
910505102531	ST762T 39S/PW935 WIA SI	65 W
910505102535	ST762T 49S/PW930 PSU SI	79 W
910505102508	ST761T 49S/PW940 DIA WH	38.5 W
910505102517	ST761T 27S/830 PSU WH	19 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
910505102415	ST762T 49S/PW930 DIA BK	Yes
910505102523	ST762T 27S/830 DIA BK	Yes
910505102526	ST762T 27S/PW935 WIA BK	Yes
910505102529	ST762T 39S/840 PSU BK	No
910505102530	ST762T 39S/PW930 DIA BK	Yes
910505102537	ST762T 49S/PW935 DIA BK	Yes
910505102538	ST762T 49S/PW940 DIA BK	Yes
910505102524	ST762T 27S/840 PSU WH	No
910505102525	ST762T 27S/PW930 DIA WH	Yes
910505102528	ST762T 39S/830 DIA WH	Yes
910505102532	ST762T 39S/PW940 DIA WH	Yes

Order Code	Full Product Name	Dimmable
910505102534	ST762T 49S/840 DIA WH	Yes
910505102539	ST762T 49S/PW940 DIA WH	Yes
910505102518	ST761T 39S/PW930 WIA SI	Yes
910505102414	ST761T 49S/PW930 DIA BK	Yes
910505102520	ST761T 49S/PW935 DIA BK	Yes
910505102521	ST761T 49S/PW940 DIA BK	Yes
910505102527	ST762T 27S/PW940 DIA SI	Yes
910505102531	ST762T 39S/PW935 WIA SI	Yes
910505102535	ST762T 49S/PW930 PSU SI	No
910505102508	ST761T 49S/PW940 DIA WH	Yes
910505102517	ST761T 27S/830 PSU WH	No

Mechanical and Housing

Order Code	Full Product Name	Housing Color
910505102415	ST762T 49S/PW930 DIA BK	Black
910505102523	ST762T 27S/830 DIA BK	Black
910505102526	ST762T 27S/PW935 WIA BK	Black
910505102529	ST762T 39S/840 PSU BK	Black
910505102530	ST762T 39S/PW930 DIA BK	Black
910505102537	ST762T 49S/PW935 DIA BK	Black
910505102538	ST762T 49S/PW940 DIA BK	Black
910505102524	ST762T 27S/840 PSU WH	White
910505102525	ST762T 27S/PW930 DIA WH	White
910505102528	ST762T 39S/830 DIA WH	White
910505102532	ST762T 39S/PW940 DIA WH	White

Order Code	Full Product Name	Housing Color
910505102534	ST762T 49S/840 DIA WH	White
910505102539	ST762T 49S/PW940 DIA WH	White
910505102518	ST761T 39S/PW930 WIA SI	Silver
910505102414	ST761T 49S/PW930 DIA BK	Black
910505102520	ST761T 49S/PW935 DIA BK	Black
910505102521	ST761T 49S/PW940 DIA BK	Black
910505102527	ST762T 27S/PW940 DIA SI	Silver
910505102531	ST762T 39S/PW935 WIA SI	Silver
910505102535	ST762T 49S/PW930 PSU SI	Silver
910505102508	ST761T 49S/PW940 DIA WH	White
910505102517	ST761T 27S/830 PSU WH	White

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial chromaticity
910505102415	ST762T 49S/PW930 DIA BK	(0.422,0.386)<2
910505102523	ST762T 27S/830 DIA BK	(0.434,0.403)<3
910505102526	ST762T 27S/PW935 WIA BK	(0.398,0.376)<2
910505102529	ST762T 39S/840 PSU BK	(0.382,0.380)<3
910505102530	ST762T 39S/PW930 DIA BK	(0.422,0.386)<2
910505102537	ST762T 49S/PW935 DIA BK	(0.398,0.376)<2
910505102538	ST762T 49S/PW940 DIA BK	(0.374,0.364)<2
910505102524	ST762T 27S/840 PSU WH	(0.382,0.380)<3

Order Code	Full Product Name	Initial chromaticity
910505102525	ST762T 27S/PW930 DIA WH	(0.422,0.386)<2
910505102528	ST762T 39S/830 DIA WH	(0.434,0.403)<3
910505102532	ST762T 39S/PW940 DIA WH	(0.374,0.364)<2
910505102534	ST762T 49S/840 DIA WH	(0.382,0.380)<3
910505102539	ST762T 49S/PW940 DIA WH	(0.374,0.364)<2
910505102518	ST761T 39S/PW930 WIA SI	(0.422,0.386)<2
910505102414	ST761T 49S/PW930 DIA BK	(0.422,0.386)<2
910505102520	ST761T 49S/PW935 DIA BK	(0.398,0.376)<2

Order Code	Full Product Name	Initial chromaticity
910505102521	ST761T 49S/PW940 DIA BK	(0.374,0.364)<2
910505102527	ST762T 27S/PW940 DIA SI	(0.374,0.364)<2
910505102531	ST762T 39S/PW935 WIA SI	(0.398,0.376)<2

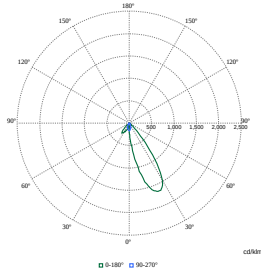
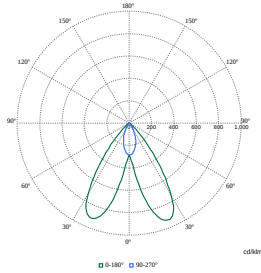
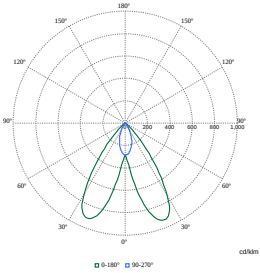
Order Code	Full Product Name	Initial chromaticity
910505102535	ST762T 49S/PW930 PSU SI	(0.422,0.386)<2
910505102508	ST761T 49S/PW940 DIA WH	(0.374,0.364)<2
910505102517	ST761T 27S/830 PSU WH	(0.434,0.403)<3

Product Data

Order Code	Full Product Name	Product family code
910505102415	ST762T 49S/PW930 DIA BK	ST762T
910505102523	ST762T 27S/830 DIA BK	ST762T
910505102526	ST762T 27S/PW935 WIA BK	ST762T
910505102529	ST762T 39S/840 PSU BK	ST762T
910505102530	ST762T 39S/PW930 DIA BK	ST762T
910505102537	ST762T 49S/PW935 DIA BK	ST762T
910505102538	ST762T 49S/PW940 DIA BK	ST762T
910505102524	ST762T 27S/840 PSU WH	ST762T
910505102525	ST762T 27S/PW930 DIA WH	ST762T
910505102528	ST762T 39S/830 DIA WH	ST762T
910505102532	ST762T 39S/PW940 DIA WH	ST762T

Order Code	Full Product Name	Product family code
910505102534	ST762T 49S/840 DIA WH	ST762T
910505102539	ST762T 49S/PW940 DIA WH	ST762T
910505102518	ST761T 39S/PW930 WIA SI	ST761T
910505102414	ST761T 49S/PW930 DIA BK	ST761T
910505102520	ST761T 49S/PW935 DIA BK	ST761T
910505102521	ST761T 49S/PW940 DIA BK	ST761T
910505102527	ST762T 27S/PW940 DIA SI	ST762T
910505102531	ST762T 39S/PW935 WIA SI	ST762T
910505102535	ST762T 49S/PW930 PSU SI	ST762T
910505102508	ST761T 49S/PW940 DIA WH	ST761T
910505102517	ST761T 27S/830 PSU WH	ST761T

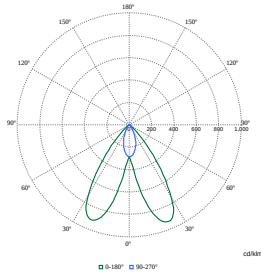
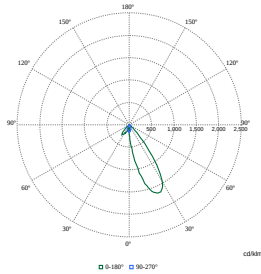
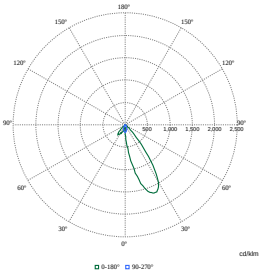
Polar Wide Diagrams



Polar Normal (separate) - ST760TI - 910505102526

Polar Normal (separate) - ST760TI - 910505102534

Polar Normal (separate) - ST760TI - 910505102518

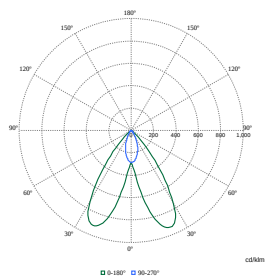


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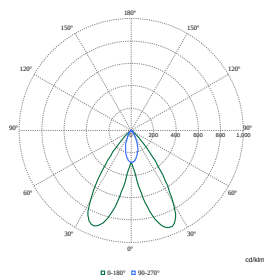
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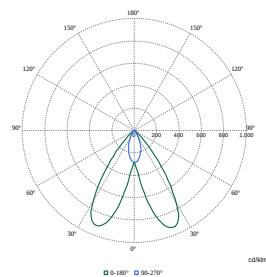
Polar Wide Diagrams



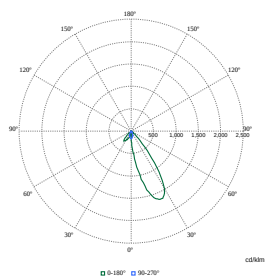
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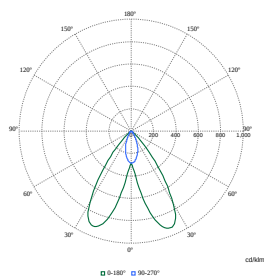
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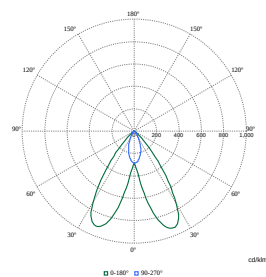
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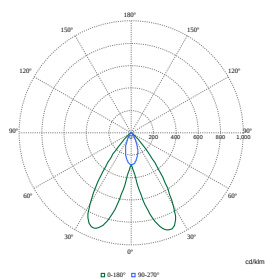
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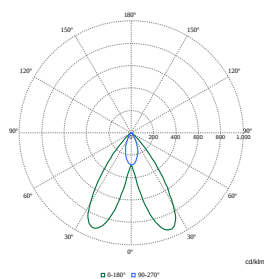
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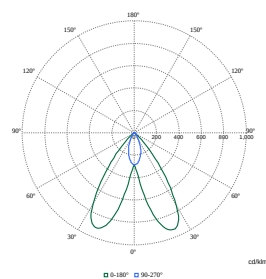
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Polar Normal (separate) - ST760TI - 910505102527

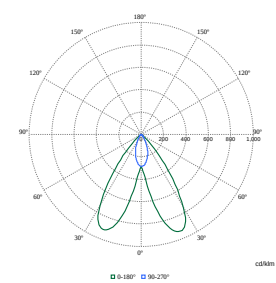


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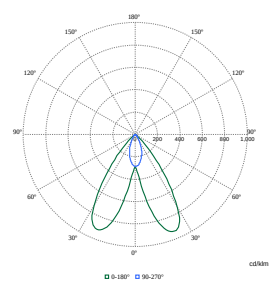


**Polar Normal (separate) - ST760TI -
910505102539**

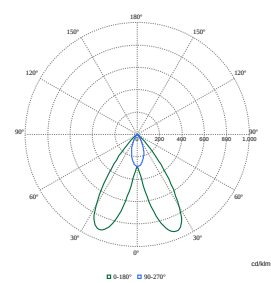
Polar Wide Diagrams



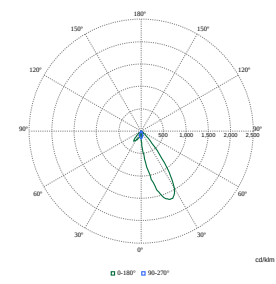
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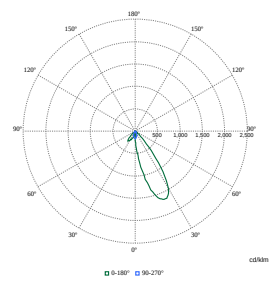
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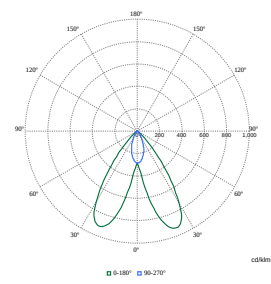
Polar Normal (separate) - ST760TI - 910505102532



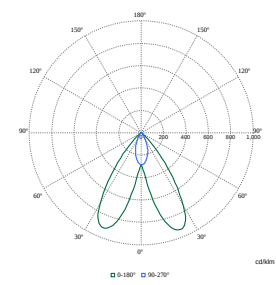
Polar Normal (separate) - ST760TI - 910505102520



Polar Normal (separate) - ST760TI - 910505102517



Polar Normal (separate) - ST760TI - 910505102525



Polar Normal (separate) - ST760TI - 910505102528

