



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 of >1000 lx.

Versions



StoreFlow Double Spothead
ST762T in black



StoreFlow Single Spothead ST761T
in silver

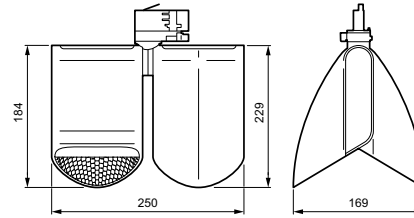
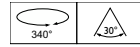
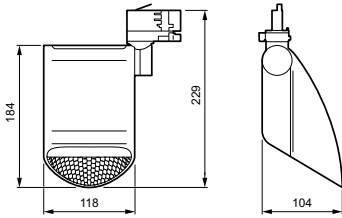


StoreFlow Single Spothead ST761T
in black



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	
CE mark	Yes
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	-
Glow-wire test	Temperature 650 °C, duration 30 s
Light source replaceable	No
Light Technical	
Beam angle of light source	120 degree(s)
Operating and Electrical	
Input Voltage	220/240 V
Line Frequency	50 to 60 Hz
Temperature	
Ambient temperature range	0 to +35 °C
Approval and Application	
Protection class IEC	Safety class II
Mech. impact protection code	IK02
Ingress protection code	IP20
Initial Performance (IEC Compliant)	
Initial chromaticity	-
Luminous flux tolerance	-10% / +10%
Application Conditions	
Maximum dim level	1%
Suitable for random switching	No

General Information

Order Code	Full Product Name	Number of gear units	Product family code
910505102415	ST762T 49S/PW930 DIA BK	2 units	ST762T
910505102523	ST762T 27S/830 DIA BK	2 units	ST762T
910505102526	ST762T 27S/PW935 WIA BK	2 units	ST762T
910505102529	ST762T 39S/840 PSU BK	2 units	ST762T
910505102530	ST762T 39S/PW930 DIA BK	2 units	ST762T
910505102537	ST762T 49S/PW935 DIA BK	2 units	ST762T
910505102538	ST762T 49S/PW940 DIA BK	2 units	ST762T
910505102524	ST762T 27S/840 PSU WH	2 units	ST762T
910505102525	ST762T 27S/PW930 DIA WH	2 units	ST762T
910505102528	ST762T 39S/830 DIA WH	2 units	ST762T
910505102532	ST762T 39S/PW940 DIA WH	2 units	ST762T
910505102534	ST762T 49S/840 DIA WH	2 units	ST762T
910505102539	ST762T 49S/PW940 DIA WH	2 units	ST762T
910505102518	ST761T 39S/PW930 WIA SI	1 unit	ST761T
910505102414	ST761T 49S/PW930 DIA BK	1 unit	ST761T
910505102520	ST761T 49S/PW935 DIA BK	1 unit	ST761T
910505102521	ST761T 49S/PW940 DIA BK	1 unit	ST761T
910505102527	ST762T 27S/PW940 DIA SI	2 units	ST762T
910505102531	ST762T 39S/PW935 WIA SI	2 units	ST762T
910505102535	ST762T 49S/PW930 PSU SI	2 units	ST762T
910505102508	ST761T 49S/PW940 DIA WH	1 unit	ST761T
910505102517	ST761T 27S/830 PSU WH	1 unit	ST761T

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	122 lm/W	9,400 lm
910505102523	ST762T 27S/830 DIA BK	3000 K	>80	132 lm/W	6,000 lm
910505102526	ST762T 27S/PW935 WIA BK	3500 K	>90	130 lm/W	6,000 lm
910505102529	ST762T 39S/840 PSU BK	4000 K	>80	128 lm/W	9,000 lm
910505102530	ST762T 39S/PW930 DIA BK	3000 K	>90	127 lm/W	8,400 lm
910505102537	ST762T 49S/PW935 DIA BK	3500 K	>90	127 lm/W	9,800 lm
910505102538	ST762T 49S/PW940 DIA BK	4000 K	>90	135 lm/W	10,100 lm
910505102524	ST762T 27S/840 PSU WH	4000 K	>80	137 lm/W	6,300 lm
910505102525	ST762T 27S/PW930 DIA WH	3000 K	>90	130 lm/W	6,000 lm
910505102528	ST762T 39S/830 DIA WH	3000 K	>80	131 lm/W	8,500 lm

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)	Luminous Flux
910505102532	ST762T 39S/ PW940 DIA WH	4000 K	>90	136 lm/W	9,000 lm
910505102534	ST762T 49S/840 DIA WH	4000 K	>80	132 lm/W	10,000 lm
910505102539	ST762T 49S/ PW940 DIA WH	4000 K	>90	135 lm/W	10,100 lm
910505102518	ST761T 39S/ PW930 WIA SI	3000 K	>90	124 lm/W	4,200 lm
910505102414	ST761T 49S/ PW930 DIA BK	3000 K	>90	122 lm/W	4,700 lm
910505102520	ST761T 49S/ PW935 DIA BK	3500 K	>90	127 lm/W	4,900 lm

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)	Luminous Flux
910505102521	ST761T 49S/ PW940 DIA BK	4000 K	>90	133 lm/W	5,000 lm
910505102527	ST762T 27S/ PW940 DIA SI	4000 K	>90	139 lm/W	6,200 lm
910505102531	ST762T 39S/ PW935 WIA SI	3500 K	>90	128 lm/W	8,700 lm
910505102535	ST762T 49S/ PW930 PSU SI	3000 K	>90	122 lm/W	9,600 lm
910505102508	ST761T 49S/ PW940 DIA WH	4000 K	>90	133 lm/W	5,000 lm
910505102517	ST761T 27S/830 PSU WH	3000 K	>80	130 lm/W	3,000 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

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

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910505102415	ST762T 49S/PW930 DIA BK	77 W
910505102523	ST762T 27S/830 DIA BK	45.5 W
910505102526	ST762T 27S/PW935 WIA BK	46 W
910505102529	ST762T 39S/840 PSU BK	68 W
910505102530	ST762T 39S/PW930 DIA BK	66 W
910505102537	ST762T 49S/PW935 DIA BK	77 W
910505102538	ST762T 49S/PW940 DIA BK	75 W
910505102524	ST762T 27S/840 PSU WH	46 W
910505102525	ST762T 27S/PW930 DIA WH	44.5 W
910505102528	ST762T 39S/830 DIA WH	65 W
910505102532	ST762T 39S/PW940 DIA WH	66 W

Order Code	Full Product Name	Power Consumption
910505102534	ST762T 49S/840 DIA WH	76 W
910505102539	ST762T 49S/PW940 DIA WH	75 W
910505102518	ST761T 39S/PW930 WIA SI	34 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	37.5 W
910505102527	ST762T 27S/PW940 DIA SI	44.5 W
910505102531	ST762T 39S/PW935 WIA SI	68 W
910505102535	ST762T 49S/PW930 PSU SI	79 W
910505102508	ST761T 49S/PW940 DIA WH	37.5 W
910505102517	ST761T 27S/830 PSU WH	23 W

Controls and Dimming

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

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

