



TrueForce LED Public (Road/Area – SOX)

TrueForce LED SOX 36W B22 840 FR

Philips TrueForce LED Public (Road/Area – SOX) offers an easy and short payback LED solution to replace SOX systems. These lamps bring the LED benefits of energy efficiency and long lifetime to HID replacement. They also come with a low initial investment to ensure instant savings. With the right lamp size, cap and light distribution, you can easily retrofit the traditional SOX system with TrueForce LED SOX lamp thereby enhancing the light quality with comfort and safety without having to replace the fixtures or sacrifice the light effect.

Warnings and Safety

- Please refer to the installation guide or consult a Philips Lighting representative for wiring diagram and instructions.

Product data

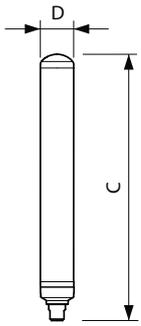
General information		Luminous efficacy (rated) (nom.)	
Cap base	B22 [B22]		138.00 lm/W
CE mark	Yes	Colour consistency	<6
EU RoHS compliant	Yes	Colour rendering index (nom.)	80
Nominal lifetime (nom.)	50000 h	LLMF at end of nominal lifetime (nom.)	70 %
Switching cycle	50000	Operating and electrical	
	Sphere	Input frequency	50 to 60 Hz
Tier	MASTER	Power (Rated) (Nom)	36 W
Light technical		Lamp current (max.)	385 mA
Colour Code	840 [CCT of 4,000 K]	Lamp current (min.)	161 mA
Beam Angle (Nom)	230 °	Wattage equivalent	55 W
Luminous flux (nom.)	5000 lm	Starting time (nom.)	0.5 s
Colour designation	Cool White (CW)	Warm-up time to 60% light (nom.)	0.5 s
Correlated Colour Temperature (Nom)	4000 K	Power factor (nom.)	0.9

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Voltage (Nom)	100-240 V
Temperature	
T-ambient (max.)	45 °C
T-ambient (min.)	-20 °C
T-Case maximum (nom.)	67 °C
Controls and dimming	
Dimmable	No
Mechanical and housing	
Bulb shape	T-shape
Approval and application	
Energy Efficiency Class	D

Energy consumption kWh/1,000 hours	36 kWh 421461
Product data	
Full product code	871951430566300
Order product name	TrueForce LED SOX 36W B22 840 FR
EAN/UPC – product	8719514305663
Order code	30566300
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	929002497002
Net Weight (Piece)	0.462 kg

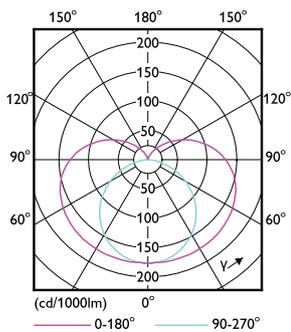
Dimensional drawing



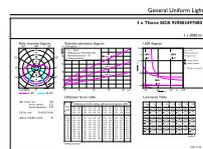
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Product	D	C
TrueForce LED SOX 36W B22 840 FR	52 mm	425 mm

Photometric data



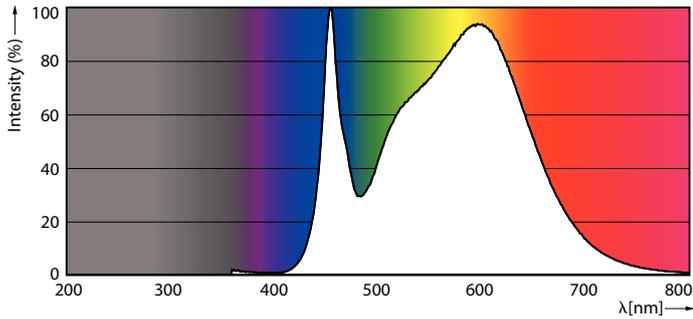
LEDTForce SOX 18W Tshape B22



LEDTForce SOX 36W Tshape B22 840

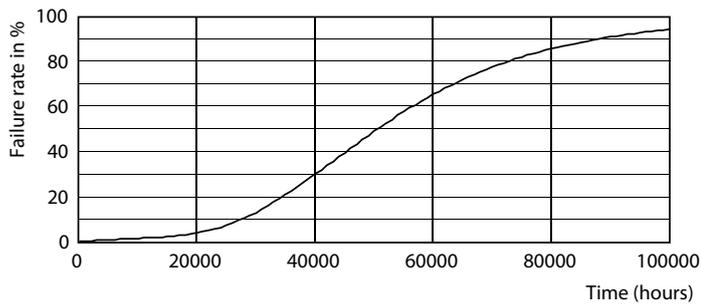
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Photometric data

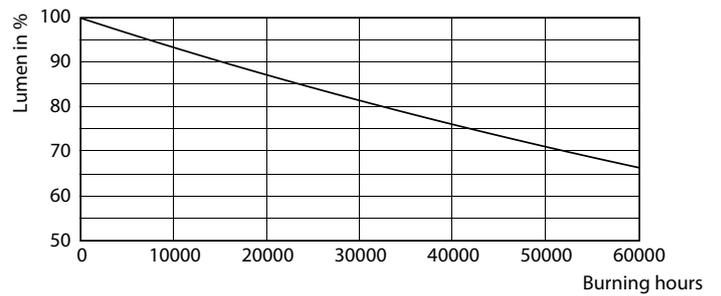


LEDTForce SOX 36W Tshape B22 840

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

