Lighting

PHILIPS



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 Cap base B22 [B22] CE mark Yes EU RoHS compliant Yes Nominal lifetime (nom.) 50000 h Switching cycle 50000 Sphere Tier Light technical Light technical	
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Light technical	
Light technical	
Colour Code 840 [CCT of 4,000 K]	
Beam Angle (Nom) 230 °	
Luminous flux (nom.) 5000 lm	
Colour designation Cool White (CW)	
Correlated Colour Temperature (Nom) 4000 K	
Correlated Colour Temperature (Nom) 4000 K	

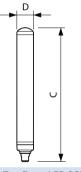
Luminous efficacy (rated) (nom.)	138.00 lm/W
Colour consistency	<6
Colour rendering index (nom.)	80
LLMF at end of nominal lifetime (nom.)	70 %
Operating and electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	36 W
Lamp current (max.)	385 mA
Lamp current (min.)	161 mA
Wattage equivalent	55 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
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	

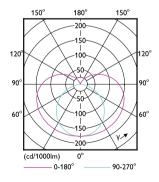
Energy consumption kWh/1,000 hours	36 kWh	
	421461	
Product data		
Full product code	871951430566300	
Order product name	TrueForce LED SOX 36W B22 840 FR	
EAN/UPC – product	8719514305663	
Order code	30566300	
SAP numerator – quantity per pack	1	
Numerator – packs per outer box	6	
SAP material	929002497002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

Dimensional drawing



TrueForce LED SOX 36W B22 840 FR

Photometric data



LEDTForce SOX 18W Tshape B22

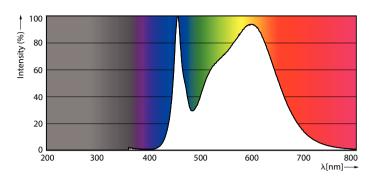
Product	D	с
TrueForce LED SOX 36W B22 840 FR	52 mm	425 mm

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LEDTForce SOX 36W Tshape B22 840

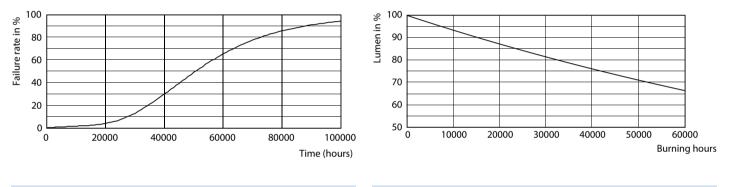
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Photometric data



LEDTForce SOX 36W Tshape B22 840

Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram



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