



# TrueForce LED Public (Road/Area – SOX)

## TrueForce LED SOX D 40–31W B22d 740 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

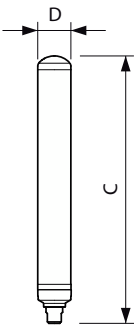
General Information		Colour rendering index (CRI)	
Cap base	B22/BY22d [B22/BY22d]	70	
Nominal lifetime	50,000 h	LLMF at end of nominal lifetime (nom.) 70 %	
Switching Cycle	50,000		
Lighting Technology	LED		
EU RoHS compliant	Yes		
Light Technical		Operating and Electrical	
Colour Code	740 [CCT of 4000K]	Line Frequency	- Hz
Beam angle (nom.)	230 degree(s)	Input frequency	- Hz
Luminous Flux	4,000 lm	Power Consumption	31 W
Colour designation	Cool White (CW)	Lamp current (nom.)	560 mA
Correlated Colour Temperature	4000 K	Starting time (nom.)	0.5 s
Luminous efficacy (rated) (nom.)	129.00 lm/W	Warm-up time to 60% light	0.5 s
Colour consistency	<6	Power Factor (Fraction)	0.9
		Voltage (nom.)	60 V

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Temperature	
T-Case maximum (nom.)	75 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Lamp Finish	Frosted
Bulb shape	Others
Approval and Application	
Energy consumption kWh/1,000 hours	35 kWh

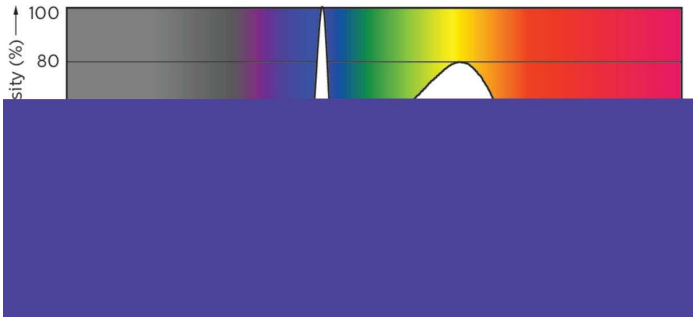
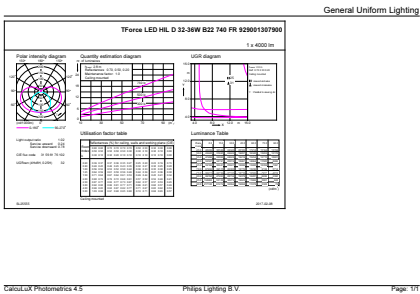
Product Data	
Order product name	TForce LED SOX D 40-31W B22d 740 FR
Full product name	TrueForce LED SOX D 40-31W B22d 740 FR
Full EOC	871869669938600
Order code	69938600
Material no. (12 NC)	929001307902
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696699386
Numerator – packs per outer box	6
EAN/UPC – Case	8718696699393

Dimensional drawing



Product	D	C
TForce LED SOX D 40-31W B22d 740 FR	54 mm	422 mm

Photometric data

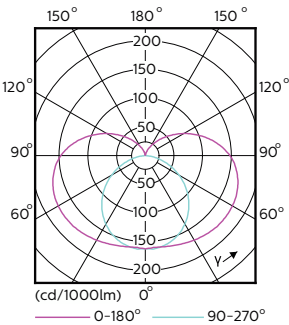


General uniform lighting - TForce LED SOX D 40-31W B22d 740 FR

Spectral Power Distribution Colour - TForce LED SOX D 40-31W B22d 740 FR

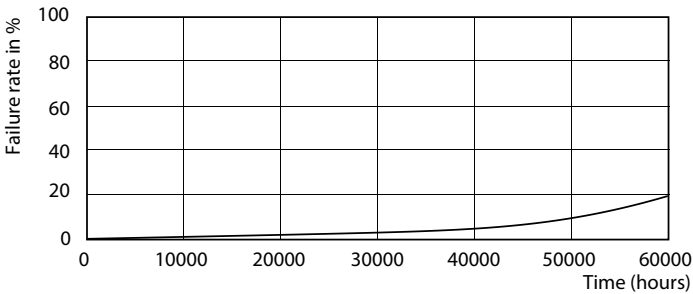
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Photometric data

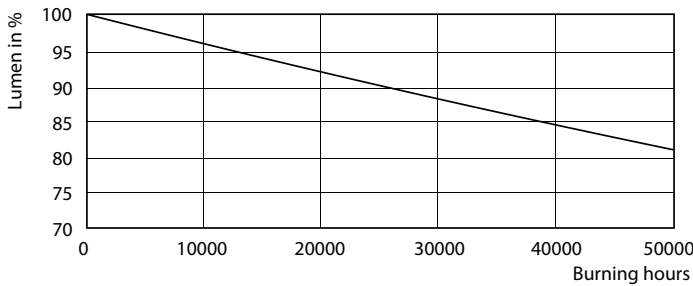


Light Distribution Diagram - TForce LED SOX D 40-31W B22d 740 FR

Lifetime



Life Expectancy Diagram - TForce LED SOX D 40-31W B22d 740 FR



Lumen Maintenance Diagram - TForce LED SOX D 40-31W B22d 740 FR

