



MASTER - LED HID SOX

TForce LED SOX D 40-31W B22d 740 FR

Philips MASTER LED HID 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 conventional HID SOX 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 MASTER LED HID 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/BY22d [B22/BY22d]	
Nominal lifetime	50,000 hour(s)	
Switching Cycle	50,000	
Lighting Technology	LED	
EU RoHS compliant	Yes	
Light Technical		
Color Code	740 [CCT of 4000K]	
Beam Angle (Nom)	230 degree(s)	
Luminous Flux	4,000 lm	
Color Designation	Cool White (CW)	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	129.00 lm/W	
Color Consistency	<6	

Color rendering index (CRI)	70
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	- Hz
Input Frequency	- Hz
Power Consumption	31 W
Lamp Current (Nom)	560 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	60 V

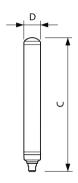
Datasheet, 2023, November 15 data subject to change

MASTER - LED HID SOX

Temperature	
T-Case Maximum (Nom)	75 ℃
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	Others
Approval and Application	
Energy Consumption kWh/1000 h	35 kWh

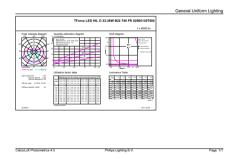
Product Data		
Order product name	TForce LED SOX D 40-31W B22d 740 FR	
Full product name	TForce LED SOX D 40-31W B22d 740 FR	
Full product code	871869669938600	
Order code	929001307902	
Material Nr. (12NC)	929001307902	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696699386	
Numerator - Packs per outer box	6	
EAN/UPC - Case	8718696699393	

Dimensional drawing

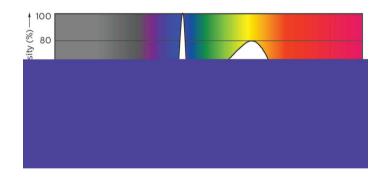


Product	D	С
TForce LED SOX D 40-31W B22d 740 FR	54 mm	422 mm

Photometric data



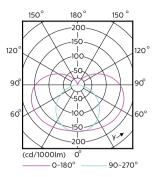
General uniform lighting - TForce LED SOX D 40-31W B22d 740 FR



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

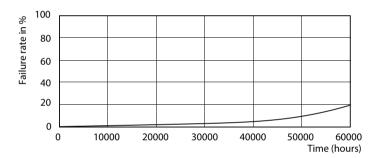
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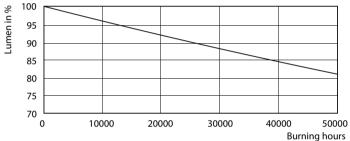
Photometric data



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



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