



MASTER - LED HID SOX



MAS LED SOX M 5Klm 36W 840 B22 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		Luminous Efficacy (rated) (Nom)	
Cap-Base	B22 [B22]		138.00 lm/W
Nominal lifetime	50,000 hour(s)	Color Consistency	<6
Switching Cycle	50,000	Color rendering index (CRI)	80
Lighting Technology	LED	LLMF At End Of Nominal Lifetime (Nom)	70 %
Flux measurement reference	Sphere	Flickering value (PstLM)	1
CE mark	Yes	Stroboscopic effect value (SVM)	2
EU RoHS compliant	Yes	Photobiological safety according to EN 62471	RG1
Light Technical		Operating and Electrical	
Color Code	840 [CCT of 4000K]	Line Frequency	50 to 60 Hz
Beam Angle (Nom)	230 degree(s)	Input Frequency	50 to 60 Hz
Luminous Flux	5,000 lumen	Power Consumption	36 W
Color Designation	Cool White (CW)	Wattage Equivalent	55 W
Correlated Color Temperature (Nom)	4000 K	Starting Time (Nom)	0.5 s
		Warm-up time to 60% light	0.5 s

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Power Factor (Fraction)	0.9
Voltage (Nom)	100-240 V

Temperature

Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	67 °C

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Shape	T-shape
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Approval and Application

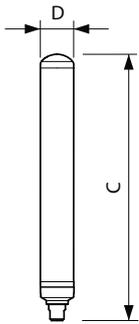
Energy Efficiency Class	D
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Energy Consumption kWh/1000 h	36 kWh
EPREL Registration Number	421461

Product Data

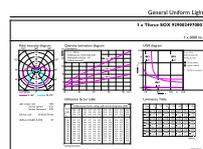
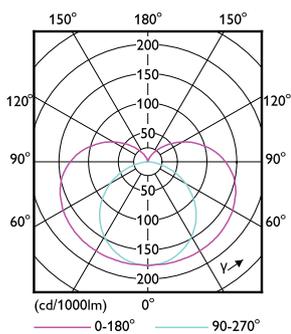
Full product code	871951430566300
Order product name	MAS LED SOX M 5Klm 36W 840 B22 FR
Order code	929002497002
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929002497002
Full product name	MAS LED SOX M 5Klm 36W 840 B22 FR
EAN/UPC - Case	8719514305670
EAN/UPC - Product/Case	8719514305663

Dimensional drawing



Product	D	C
MAS LED SOX M 5Klm 36W 840 B22 FR	52 mm	425 mm

Photometric data

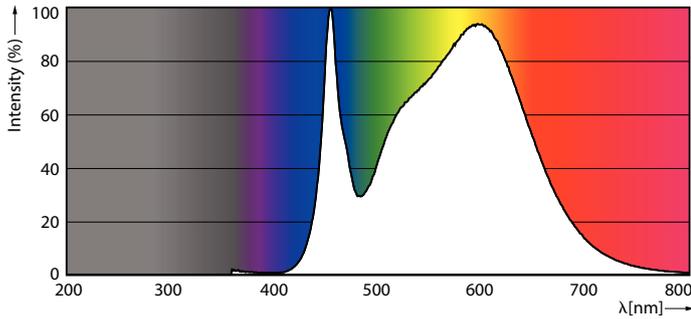


Light Distribution Diagram - MAS LED SOX M 5Klm 36W 840 B22 FR

General uniform lighting - MAS LED SOX M 5Klm 36W 840 B22 FR

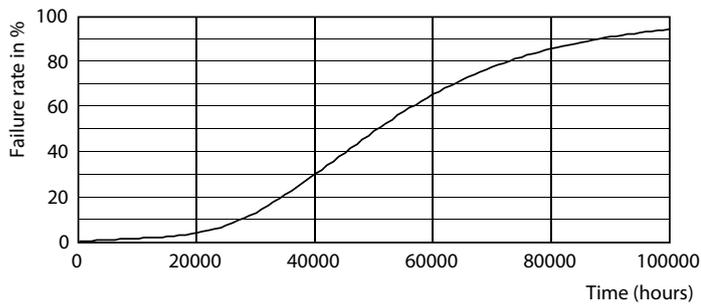
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Photometric data

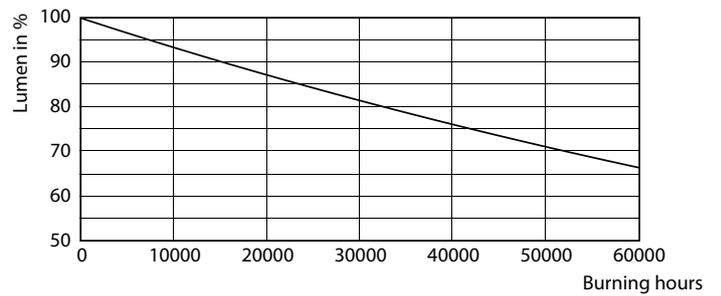


Spectral Power Distribution Colour - MAS LED SOX M 5Klm 36W 840 B22 FR

Lifetime



Life Expectancy Diagram - MAS LED SOX M 5Klm 36W 840 B22 FR



Lumen Maintenance Diagram - MAS LED SOX M 5Klm 36W 840 B22 FR

