

Product Description

MASTER SOX-E

Low Pressure Sodium lamp with improved efficacy

Benefits

- Extremely high luminous efficacy makes these the most efficient light sources

Features

- Uniform sodium distribution in the discharge tube by means of dimples for a more stable discharge, higher efficacy and better lumen maintenance and lamp life
- Special coating of SOX-E outer tube results in higher lamp efficacy than SOX
- Monochromatic yellow colour with non-existent colour rendering

Application

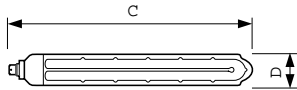
- Road lighting, railway marshalling yards and crossings, airports, harbours and docks, quarries, foundries and rolling mills
- Security and orientation lighting

Versions



MASTER SOX-E

Dimensional drawing



Product	D (max)	C (max)
MASTER SOX-E 26W BY22d 1SL/12	52 mm	311 mm
MASTER SOX-E 131W BY22d 1SL/6	66 mm	1120 mm

Approval and Application

Energy Efficiency Label (EEL)	A++
Mercury (Hg) Content (Nom)	0 mg

Controls and Dimming

Dimmable	no
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General Information

Cap-Base	BY22D
Life To 20% Failures (Nom)	12000 h
Life To 50% Failures (Nom)	18000 h
Life To 5% Failures (Nom)	6000 h

Luminaire Design Requirements

Bulb Temperature (Max)	150 °C
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Light Technical

Correlated Colour Temperature (Nom)	1800 K
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Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
17982110	MASTER SOX-E 131W BY22d 1SL/6	146 kWh
17974615	MASTER SOX-E 26W BY22D SLV/12	31 kWh

Operating and Electrical

Order Code	Full Product Name	Lamp Current (EM) (Nom)	Voltage (Nom)	Power (Rated) (Nom)
17982110	MASTER SOX-E 131W BY22d 1SL/6	0.54 A	250 V	127.0 W

Order Code	Full Product Name	Lamp Current (EM) (Nom)	Voltage (Nom)	Power (Rated) (Nom)
17974615	MASTER SOX-E 26W BY22D SLV/12	0.37 A	69 V	27.0 W

General Information

Order Code	Full Product Name	Operating Position
17982110	MASTER SOX-E 131W BY22d 1SL/6	P20

Order Code	Full Product Name	Operating Position
17974615	MASTER SOX-E 26W BY22D SLV/12	H110

Light Technical

MASTER SOX-E

Order Code	Full Product Name	Lumen Maintenance 2000 h (Nom)	Lumen Maintenance 5000 h (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux (Rated) (Nom)
17982110	MASTER SOX-E 131W BY22d 1SL/6	100 %	100 %	206 lm/W	26200 lm
17974615	MASTER SOX-E 26W	95 %	95 %	140 lm/W	3700 lm

Order Code	Full Product Name	Lumen Maintenance 2000 h (Nom)	Lumen Maintenance 5000 h (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux (Rated) (Nom)
	BY22D SLV/12				

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
17982110	MASTER SOX-E 131W BY22d 1SL/6	T65
17974615	MASTER SOX-E 26W BY22D SLV/12	T50

