



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
- \cdot Security and orientation lighting

Versions



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 **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 Light Technical Correlated Colour Temperature (Nom) 1800 K

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

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

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

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

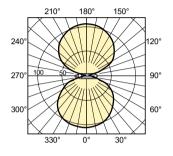
MASTER SOX-E

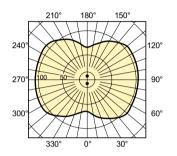
				Luminous	Luminous
		Lumen	Lumen	Efficacy	Flux
Order	Full Product	Maintenance	Maintenance	(rated)	(Rated)
Code	Name	2000 h (Nom)	5000 h (Nom)	(Nom)	(Nom)
17982110	MASTER	100 %	100 %	206 lm/W	26200 lm
	SOX-E 131W				
	BY22d 1SL/6				
17974615	MASTER	95 %	95 %	140 lm/W	3700 lm
	SOX-E 26W				

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

Mechanical and Housing

Order C	ode Full P	roduct Name		Bulb Shape
17982110) MAST	ER SOX-E 131W BY22d 1SL/	/6	T65
1797461	5 MAST	ER SOX-E 26W BY22D SLV	/12	T50







© 2018 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.