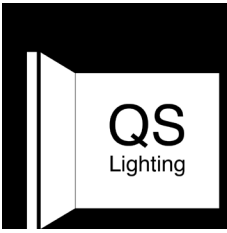


Low Pressure Sodium Lamp

Taizhou Qian Shun Tech Ltd.





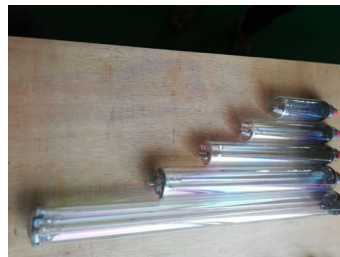
About Us

Phone: +86-0576-88156059 (China), Email: sales@qianshunlighting.com
188 Kaifa Ave, Building 7, 4th Floor, Room 7402
Taizhou, Zhejiang, China 317000

Qian Shun Lighting, in partnership with the research team at Chinese Academy of Sciences, Qianshun Technology Ltd. launched in November 2016 with a vision of developing high quality and affordable Low Pressure Sodium Lights (SOX). Located at the Yangtze Delta Region Institute of Tsinghua University incubator, Zhejiang, we are the only company that has the patent to produce Low Pressure Sodium Lights in China. With our cutting edge technology and renowned researchers, we are able to achieve rapid growth in the last two years. We now export 100,000 units of Low Pressure Sodium Lights annually to Taiwan, France, UK, Middle East and other countries.

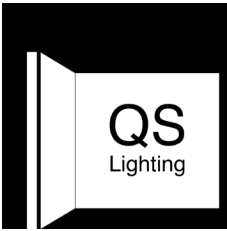


At Qian Shun, customers are our highest priority. We provide guided factory tours, product samples and customized packaging and delivery service tailored to your needs. What truly sets us apart is a combination of our commitment to our customers, competitive prices, high-quality products and a worry-free purchasing experience.



Have questions about placing an order? Please contact our sales team in New York.

Yang Zhao
Email: yang.zhao@qianshunlighting.com
Mobile: +1-917-892-4683
Joanna Mo
Email: joanna.mo@qianshunlighting.com
Mobile: +1-347-753-3671



Product Description

Phone: +86-0576-88156059 (China), Email: sales@qianshunlighting.com
188 Kaifa Ave, Building 7, 4th Floor, Room 7402
Taizhou, Zhejiang, China 317000

SOX

Low Pressure Sodium Lamp

Benefits

- High luminous efficacy leads to low energy consumption

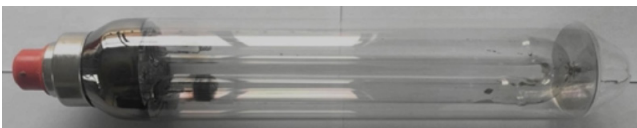
Features

- 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
- Monochromatic yellow color with non-existent color rendering

Application

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

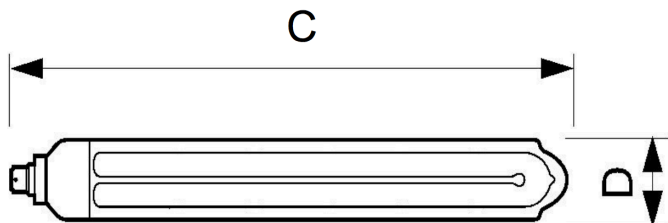
Versions



BY22d, T53/T66

SOX

Dimensional Drawing



Product	D (Max)	C (Max)
SOX 35W BY22d	53 mm	311 mm
SOX 55W BY22d	53 mm	425 mm
SOX 90W BY22d	66 mm	525 mm
SOX 135W BY22d	66 mm	765 mm

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)
928145500008	SOX 35W BY22d	40 kWh	A+
928146000018	SOX 55W BY22d	61 kWh	A++
928146500008	SOX 90W BY22d	100 kWh	A++
928147000008	SOX 135W BY22d	148 kWh	A++

Approval and Application		General Information	
Mercury (Hg) Content (Nom)	0 mg	Cap-Base	BY22D
Controls and Dimming		Life To 30% Failures (Nom)	8000 h
Dimmable	No	Life To 40% Failures (Nom)	10000 h
Luminaire Design Requirements		Life To 8% Failures (Nom)	6000 h
Bulb Temperature (Max)	150 °C	Light Technical	
		Correlated Color Temperature (Nom) 1800 K	

Operating and Electrical (1/2)

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power (Rated) (Nom)
17062010	SOX 35W BY22d	0.53 A	70 V	37 W/(±3W)
17062012	SOX 55W BY22d	0.51 A	109 V	56.0 W (±3W)

SOX

Operating and Electrical (2/2)

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power (Rated) (Nom)
17062014	SOX 90W BY22d	0.82 A	112 V	91.0(±3 W)
17062016	SOX 135W BY22d	0.82 A	164 V	135.0(±3 W)

General Information

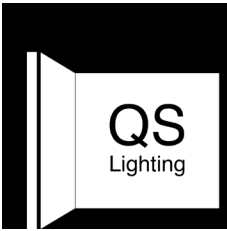
Order Code	Full Product Name	Operating Position	Order Code	Full Product Name	Operating Position
17062010	SOX 35W BY22d	H110	17062014	SOX 90W BY22d	P20
17062012	SOX 55W BY22d	H110	17062016	SOX 135W BY22d	P20

Light Technical

Order Code	Full Product Name	Lumen Maintenance 2000 h (Nom)	Lumen Maintenance 5000 h (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)
17062010	SOX 35W BY22d	95%	90%	129 lm/W	4500 lm
17062012	SOX 55W BY22d	98%	90%	140 lm/W	7800 lm
17062014	SOX 90W BY22d	95%	90%	150 lm/W	13600 lm
17062016	SOX 135W BY22d	95%	90%	167 lm/W	22600 lm

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
17062010	SOX 35W BY22d	T53
17062012	SOX 55W BY22d	T53
17062014	SOX 90W BY22d	T66
17062016	SOX 135W BY22d	T66



Product Description

Phone: +86-0576-88156059 (China), Email: sales@qianshunlighting.com
188 Kaifa Ave, Building 7, 4th Floor, Room 7402
Taizhou, Zhejiang, China 317000

MASTER SOX-E

Low Pressure Sodium lamp with improved efficacy

Benefits

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

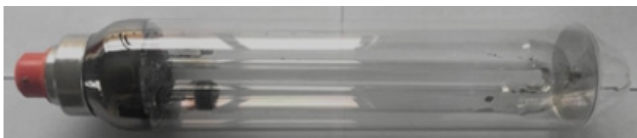
Features

- 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 color with non-existent color rendering

Application

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

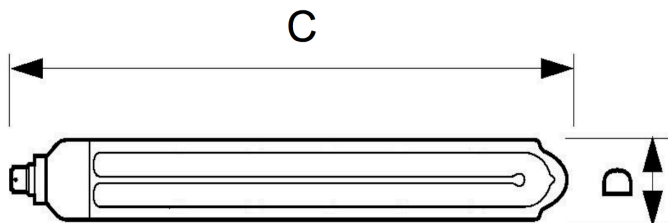
Versions



BY22d, T53/T66

MASTER SOX-E

Dimensional Drawing



Product	D (Max)	C (Max)
MASTER SOX-E 18W BY22d	53 mm	216 mm
MASTER SOX-E 26W BY22d	53 mm	311 mm
MASTER SOX-E 36W BY22d	53 mm	425 mm
MASTER SOX-E 66W BY22d	66 mm	525 mm
MASTER SOX-E 91W BY22d	66 mm	765 mm

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)
170620008	MASTER SOX-E 18W BY22d	20 kWh	A+
170620009	MASTER SOX-E 26W BY22d	29 kWh	A++
170620011	MASTER SOX-E 36W BY22d	40 kWh	A++
170620013	MASTER SOX-E 66W BY22d	72 kWh	A++
170620015	MASTER SOX-E 91W BY22d	100 kWh	A++

Approval and Application		General Information	
Mercury (Hg) Content (Nom)	0 mg	Cap-Base	BY22D
Controls and Dimming		Life To 30% Failures (Nom)	8000 h
Dimmable	No	Life To 40% Failures (Nom)	10000 h
Luminaire Design Requirements		Life To 8% Failures (Nom)	6000 h
Bulb Temperature (Max)	150 °C	Light Technical	
		Correlated Color Temperature (Nom) 1800 K	

Operating and Electrical (1/2)

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power (Rated) (Nom)
170620008	MASTER SOX-E 18W BY22d	0.33 A	57 V	18.0 W
170620009	MASTER SOX-E 26W BY22d	0.37 A	69 V	27.0 W

MASTER SOX-E

Operating and Electrical (2/2)

Order Code	Full Product Name	Lamp Current (Nom)	Voltage (Nom)	Power (Rated) (Nom)
170620011	MASTER SOX-E 36W BY22d	0.32 A	120 V	36.0 W
170620013	MASTER SOX-E 66W BY22d	0.6 A	123 V	65.0 W
170620015	MASTER SOX-E 91W BY22d	0.46 A	173 V	91.0 W

General Information

Order Code	Full Product Name	Operating Position	Order Code	Full Product Name	Operating Position
170620008	MASTER SOX-E 18W BY22d	H110	170620013	MASTER SOX-E 66W BY22d	P20
170620009	MASTER SOX-E 26W BY22d	H110	170620015	MASTER SOX-E 91W BY22d	P20
170620011	MASTER SOX-E 36W BY22d	P20			

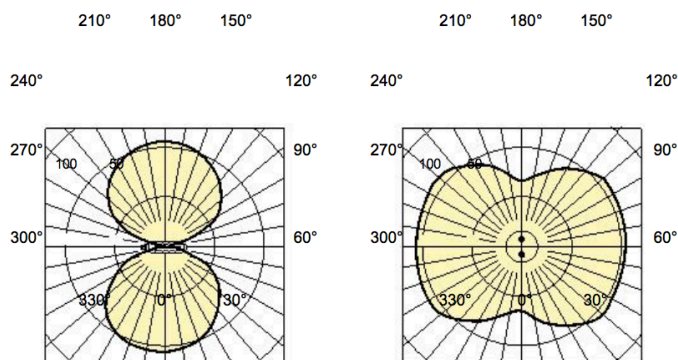
Light Technical

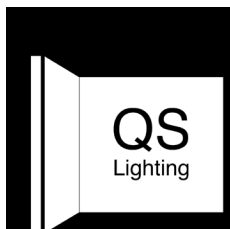
Order Code	Full Product Name	Lumen Maintenance 2000 h (Nom)	Lumen Maintenance 5000 h (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)
170620008	MASTER SOX-E 18W BY22d	95%	90%	100 lm/W	1800 lm
170620009	MASTER SOX-E 26W BY22d	95%	95%	140 lm/W	3700 lm
170620011	MASTER SOX-E 36W BY22d	100%	95%	164 lm/W	6100 lm
170620013	MASTER SOX-E 66W BY22d	100%	100%	170 lm/W	11000 lm
170620015	MASTER SOX-E 91W BY22d	100%	100%	192 lm/W	17400 lm

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
170620008	MASTER SOX-E 18W BY22d	T53
170620009	MASTER SOX-E 26W BY22d	T53
170620011	MASTER SOX-E 36W BY22d	T53
170620013	MASTER SOX-E 66W BY22d	T66
170620015	MASTER SOX-E 91W BY22d	T66

Light Distribution Diagrams





Qian Shun Lighting

Taizhou Qian Shun Tech Ltd.

Address: 188 Kaifa Ave, Building 7, 4th Floor, Room 7402,
Taizhou, Zhejiang, China 317000

Yang Zhao

Email: yang.zhao@qianshunlighting.com

Mobile: +1-917-892-4683

Joanna Mo

Email: joanna.mo@qianshunlighting.com

Mobile: +1-347-753-3671