



The highly efficient and most reliable solution in road lighting

MASTER SON APIA Plus Xtra

High Pressure Sodium lamp with opalized outer bulb, high output and longest reliable lifetime

Benefits

- Most-cost effective solution (both initial as well as running cost) in this category
- 6 years service life
- Highest lumen output, maintained over life

Features

- Ovoid-shaped coated outer bulb
- Ceramic discharge tube with new Active Philips Integrated Antenna (APIA) concept for an improved and prolonged lifetime of up to 6 years
- "Plus" concept with high efficacy translates into high light output and improved lumen maintenance
- Robust construction with few welding points is highly vibration- and shock-resistant, further reducing early failures and extending lamp life
- Dimmable

Application

- Road and residential lighting
- Decorative floodlighting, illumination
- Industrial area lighting
- Recreational sports facilities indoor and outdoor

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Warnings and Safety

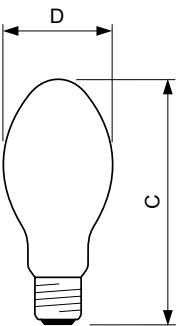
- Control gear must include end-of-life protection (IEC60662, IEC 62035)
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Versions



LPPR SON-APIA Plus-Xtra E27

Dimensional drawing



Product	D (max)	C (max)
MST SON APIA Plus Xtra 50W E27 1SL/24	71 mm	156 mm
MST SON APIA Plus Xtra 70W E27 1SL/24	71 mm	156 mm

General Information	
Cap-Base	E27
Operating Position	UNIVERSAL
Light Technical	
Chromaticity Coordinate X (Nom)	0.54
Chromaticity Coordinate Y (Nom)	0.42
Correlated Color Temperature (Nom)	1900 K
Color rendering index (CRI)	-
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Bulb Finish	Coated glass
Bulb Shape	B70

Light Technical

Order Code	Full Product Name	Luminous Efficacy (rated) (Nom)	Luminous Flux
92813600	MASTER SON APIA Plus Xtra 50W E27 1SL/24	76.47 lm/W	3,900 lm
92817400	MASTER SON APIA Plus Xtra 70W E27 1SL/24	89.19 lm/W	6,600 lm

Operating and Electrical

MASTER SON APIA Plus Xtra

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
92813600	MASTER SON APIA Plus Xtra 50W E27 1SL/24	81 V	51.0 W

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
92817400	MASTER SON APIA Plus Xtra 70W E27 1SL/24	92 V	74.0 W

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/ 1000 h	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)
92813600	MASTER SON APIA Plus Xtra 50W E27 1SL/24	51 kWh	9.8 mg	9.8 mg
92817400	MASTER SON APIA Plus Xtra 70W E27 1SL/24	74 kWh	12.2 mg	12.2 mg

