



Product Description

SON-T

High Pressure Sodium lamp with clear tubular outer bulb

Benefits

- SON-T Pro is a cost-efficient and reliable solution in High Pressure Sodium

Features

- Clear tubular outer bulb
- High luminous efficacy
- Robust construction is vibration- and shock-resistant leading to a reliable life
- Dimming possible with dedicated gear

Application

- Road and residential lighting
- Decorative floodlighting
- Commercial and industrial applications
- Recreational sports facilities Outdoor and Indoor

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.

Related products



SON-T, E27

General Information (1/2)

order code	Bulb Shape	Cap-Base	Life To 10% Failures (Nom)	Life To 20% Failures (Nom)	Life To 50% Failures (Nom)	Life To 5% Failures (Nom)	LSF 12000 h Rated	LSF 16000 h Rated	LSF 2000 h Rated	LSF 20000 h Rated
19267715	T35	E27	15000	19000	28000	12000	97	92	99	84
21270600	T46	E40	-	20000	28000	12000	-	-	-	-
21288100	T46	E40	-	20000	28000	12000	-	-	-	-
21292800	T46	E40	-	20000	28000	12000	-	-	-	-
21060945	T65	E40	-	14000	20000	8000	-	-	-	-

General Information (2/2)

order code	LSF 4000 h Rated	LSF 6000 h Rated	LSF 8000 h Rated	Operating Position	System Description
19267715	99	99	99	UNIVERSAL	External Ignitor (E)
21270600	-	-	-	UNIVERSAL	External Ignitor (E)
21288100	-	-	-	UNIVERSAL	External Ignitor (E)

order code	LSF 4000 h Rated	LSF 6000 h Rated	LSF 8000 h Rated	Operating Position	System Description
21292800	-	-	-	UNIVERSAL	External Ignitor (E)
21060945	-	-	-	UNIVERSAL	External Ignitor (E)

Light Technical (1/2)

order code	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Correlated Color Temperature (Nom)	Color Rendering Index (Max)	Color Rendering Index (Nom)	LLMF 12000 h Rated	LLMF 16000 h Rated	LLMF 2000 h Rated	LLMF 20000 h Rated	LLMF 4000 h Rated
19267715	540	413	2000	25	-	81	81	89	80	86
21270600	-	-	2000	25	-	-	-	-	-	-
21288100	-	-	2000	25	-	-	-	-	-	-
21292800	-	-	2000	25	-	-	-	-	-	-
21060945	-	-	2000	25	-	-	-	-	-	-

Light Technical (2/2)

order code	LLMF 6000 h Rated	LLMF 8000 h Rated	Lumen Maintenance 2000 h (Min)	Lumen Maintenance 2000 h (Nom)	Lumen Maintenance 5000 h (Min)	Lumen Maintenance 5000 h (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux (Rated) (Min)	Luminous Flux (Rated) (Nom)
19267715	85	84	-	-	-	-	84	-	6000
21270600	-	-	90	95	85	90	98	13500	15000
21288100	-	-	95	98	92	96	110	25200	28000

order code	LLMF 6000 h Rated	LLMF 8000 h Rated	Lumen Maintenance 2000 h (Min)	Lumen Maintenance 2000 h (Nom)	Lumen Maintenance 5000 h (Min)	Lumen Maintenance 5000 h (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux (Rated) (Min)	Luminous Flux (Rated) (Nom)
21292800	-	-	94	97	88	94	123	43200	48000
21060945	-	-	90	95	80	90	130	117000	130000

Operating and Electrical

order code	Lamp Current (EM) (Nom)	Voltage (Max)	Voltage (Min)	Voltage (Nom)	Power (Rated) (Nom)	Re-Ignition Time (Min) (Max)
19267715	0.98	105	75	90	70.0	180
21270600	1.8	115	85	100	150	180
21288100	3	115	85	100	250.0	120
21292800	4.6	115	85	100	400	120
21060945	10.6	115	85	100	1000	240

Mechanical and Housing

order code	Bulb Finish
19267715	Clear (CL)
21270600	Clear (CL)
21288100	Clear (CL)
21292800	Clear (CL)
21060945	Clear (CL)

order code	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)	Mercury (Hg) Content (Nom)
21292800	431	A+	24.5
21060945	1056	A+	34.0

Approval and Application

order code	Energy Consumption kWh/1000 h	Energy Efficiency Label (EEL)	Mercury (Hg) Content (Nom)
19267715	77	A+	16
21270600	162	A+	20.4
21288100	275	A+	20.4

Luminaire Design Requirements

order code	Bulb Temperature (Max)
19267715	350
21270600	450
21288100	450
21292800	450
21060945	450



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