

PRODUCT DATASHEET

L SA 20 W/640

SA-Type T12 | Tubular fluorescent lamps 38 mm, for resonance double-choke circuits, with G13 base



Areas of application

- Street lighting
- Industry
- Outdoor applications only in suitable luminaires

Product benefits

- Stable and suitable for outdoor lighting or fixtures with little thermal insulation

Product features

- External ignition strip for improved ignition at low ambient temperatures
- Operation without starter



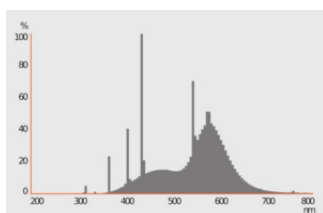
TECHNICAL DATA

Electrical data

Nominal wattage	20 W
Construction wattage	20.00 W
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body

Photometrical data

Luminous flux	1200 lm
Luminous efficacy	60 lm/W
Luminous flux at 25 °C	1200 lm
Light color (designation)	Cold White
Color temperature	4000 K
Color rendering index Ra	≥60
Light color	640
Rated LLMF at 2,000 h	0.85
Rated LLMF at 4,000 h	0.75
Rated LLMF at 6,000 h	0.67
Rated LLMF at 8,000 h	0.60
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body
Rated lamp efficacy (standard co.)	60 lm/W



Dimensions & Weight

Overall length	590.00 mm
Length with base excl. base pins/connection	590,00 mm
Diameter	38 mm
Tube diameter	38 mm
Maximum diameter	38 mm

Product weight	144.00 g
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Temperatures & operating conditions

Rated ambient temp.w.max.luminous	25.0 °C
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Lifespan

Nominal lamp life time	7500 h
Service life	4000 h
Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000	0.98
Rated lamp survival factor at 6,000	0.67
Rated lamp survival factor at 8,000 h	0.60
Operation mode LLMF/LSF	50 Hz

Additional product data

Base (standard designation)	G13
Mercury content	3.0 mg
Design / version	SA-type
Product remark	Banned from 1.9.2021 following the Single Lighting Regulation

Capabilities

Suitable for indoor	Yes
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Certificates & Standards

Energy efficiency class	G
Energy consumption	24.56 kWh/1000h

Country-specific categorizations

ILCOS	FD-20/640-LC/-/P/-G13-38/600
Order reference	L 20W/640 SA

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	G13
Length	590.00 mm
Height	38 mm
Width	38 mm

Safety advice

- In case of lamp breakage: www.ledvance.com/brokenlamp

DOWNLOAD DATA

DOWNLOAD DATA



Advertisements
335262_Light color and lumen overview / Lichtfarben- und Lumenübersicht

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300018195	Sleeve 1	606 mm x 38 mm x 40 mm	165.00 g	0.92 dm ³
4050300207346	Shipping box 25	665 mm x 215 mm x 220 mm	3919.00 g	31.45 dm ³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.