

## PRODUCT DATASHEET

### L 36 W/827

Starters for single operation at 230 V AC ( ST 111, ST 171, ST 173) | Starters for single operation at 230 V AC



#### Areas of application

- Public buildings
- Office lighting
- Industry
- Shops
- Supermarkets and department stores
- Street lighting
- Outdoor applications only in suitable luminaires

#### Product benefits

- Proven lamp technology

#### Product features

- Very good lumen maintenance: 90 % throughout the service lifetime of the lamp
- Good color rendering index
- Dimmable



TECHNICAL DATA

Electrical data

Nominal wattage	36 W
Construction wattage	36.00 W
Nominal voltage	103 V
Nominal current	0.43 A

Photometrical data

Luminous flux	3350 lm
Luminous efficacy	82 lm/W
Light color (designation)	LUMILUX INTERNA
Color temperature	2700 K
Color rendering index Ra	≥77
Light color	727
Rated LLMF at 2,000 h	0.96
Rated LLMF at 4,000 h	0.94
Rated LLMF at 6,000 h	0.93
Rated LLMF at 8,000 h	0.91
Rated LLMF at 12,000 h	0.91
Rated LLMF at 16,000 h	0.90
Rated LLMF at 20,000 h	0.89
Rated lamp efficacy (standard co.)	93 lm/W



349636\_FL\_827

Dimensions & Weight

Overall length	1200.00 mm
Length with base excl. base pins/connection	1200 mm
Diameter	26.00 mm

Tube diameter	26 mm
Maximum diameter	26 mm
Product weight	149.00 g

### Temperatures & operating conditions

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

Service life	18000 h <sup>1)</sup>
Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000 h	0.99
Rated lamp survival factor at 6,000 h	0.99
Rated lamp survival factor at 8,000 h	0.99
Rated lamp survival factor at 12,000 h	0.99
Rated lamp survival factor at 16,000	0.99
Rated lamp survival factor at 20,000 h	0.50
Lifespan B50	20000 h
Operation mode LLMF/LSF	HF

<sup>1)</sup> With preheat ECG

### Additional product data

Base (standard designation)	G13
Mercury content	2.5 mg

### Capabilities

Suitable for indoor	Yes
Dimmable	Yes

### Certificates & Standards

Energy efficiency class	A
Energy consumption	0.17 kWh/1000h

### Country-specific categorizations

ILCOS	FD-36/827-E-G13-26/1200
Order reference	L 36W/827


### Energy labelling regulation data acc EU 2019/2015


Lighting technology used	OTHER_FL
Non-directional or directional	NDLS
Mains or non-mains	NMLS
Light source cap-type (or other electric interface)	G13
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Claim of equivalent power	No
Length	1200.00 mm
Height	26.00 mm
Width	26.00 mm
Chromaticity coordinate x	0,463
Chromaticity coordinate y	0,420
Beam angle correspondence	SPHERE_360

### Safety advice

– In case of lamp breakage: [www.ledvance.com/brokenlamp](http://www.ledvance.com/brokenlamp)

### DOWNLOAD DATA

Documents and certificates		Document name
	Declarations of conformity	L 18W, 36W, 58W

Photometric and lighting design files		Document name
	Spectral power distribution	349636_FL_827

### DISCLAIMER

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