

PRODUCT FAMILY DATASHEET

LUMILUX SPLIT® control T8

Tubular fluorescent lamps 26 mm, with G13 bases, shatterproof



Areas of application

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

Product benefits

- Helps to prevent contamination in sensitive production areas (e.g. in the food industry)
- Optimal shatter protection thanks to special FEP coating
- Closed end caps allow additional protection beyond requirements of IEC 61549
- The life of the sleeve is the same as the average lamp life
- Support the implementation of the HACCP concepts from production through to presentation

Product features

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



TECHNICAL DATA

Electrical data

Product description	Nominal wattage	Construction wattage	Nominal voltage	Nominal current
L 18 W/840 SPS	18 W	18.80 W	57 V	0.37 A
L 36 W/840 SPS	36 W	39.40 W	103 V	0.43 A
L 58 W/840 SPS	58 W	61.80 W	110 V	0.67 A

Photometrical data

Product description	Luminous flux	Luminous efficacy	Light color (designation)	Color temperature	Color rendering index Ra
L 18 W/840 SPS	1300 lm	69 lm/W	Cool White	4000 K	≥80
L 36 W/840 SPS	3150 lm	80 lm/W	Cool White	4000 K	≥80
L 58 W/840 SPS	5140 lm	83 lm/W	LUMILUX Cool White	4000 K	≥80

Product description	Light color
L 18 W/840 SPS	840
L 36 W/840 SPS	840
L 58 W/840 SPS	840

Dimensions & Weight

Product description	Overall length	Length with base excl. base pins/connection	Diameter	Tube diameter	Product weight
L 18 W/840 SPS	604.00 mm	590,00 mm	26.00 mm	26 mm	86.00 g
L 36 W/840 SPS	1213.60 mm	1200 mm	26.00 mm	26 mm	165.00 g
L 58 W/840 SPS	1514.20 mm	1500 mm	26.00 mm	26 mm	207.00 g

Lifespan

Product description	Nominal lamp life time	Service life
L 18 W/840 SPS	20000 h	18000 h ¹⁾
L 36 W/840 SPS	20000 h	18000 h ¹⁾
L 58 W/840 SPS	20000 h	18000 h ¹⁾

¹⁾ With preheat ECG

Additional product data

Product description	Base (standard designation)	Mercury content
L 18 W/840 SPS	G13	3.0 mg
L 36 W/840 SPS	G13	3.0 mg
L 58 W/840 SPS	G13	3.0 mg

Capabilities

Product description	Dimmable
L 18 W/840 SPS	Yes
L 36 W/840 SPS	Yes
L 58 W/840 SPS	Yes

Certificates & Standards

Product description	Energy efficiency class	Energy consumption
L 18 W/840 SPS	G	19.00 kWh/1000h
L 36 W/840 SPS	G	40.00 kWh/1000h
L 58 W/840 SPS	G	62.00 kWh/1000h

Energy labelling regulation data acc EU 2019/2015

Product description	Lighting technology used	Non-directional or directional	Mains or non-mains	Light source cap-type (or other electric interface)	Connected light source (CLS)
L 18 W/840 SPS	OTHER_FL	NDLS	NMLS	G13	No
L 36 W/840 SPS	OTHER_FL	NDLS	NMLS	G13	No
L 58 W/840 SPS	OTHER_FL	NDLS	NMLS	G13	No

Product description	Color-tuneable light source	Envelope	High luminance light source	Anti-glare shield	Correlated colour temperature type
L 18 W/840 SPS	No	No	No	No	SINGLE_VALUE
L 36 W/840 SPS	No	No	No	No	SINGLE_VALUE
L 58 W/840 SPS	No	No	No	No	SINGLE_VALUE

Product description	Claim of equivalent power	Length	Height	Width	Chromaticity coordinate x
L 18 W/840 SPS	No	604.00 mm	26.00 mm	26.00 mm	0,380
L 36 W/840 SPS	No	1213.60 mm	26.00 mm	26.00 mm	0,380
L 58 W/840 SPS	No	1514.20 mm	26.00 mm	26.00 mm	0,380

Product description	Chromaticity coordinate y	Beam angle	EPREL ID	Model number
L 18 W/840 SPS	0,380	SPHERE_360	546381	AC34156
L 36 W/840 SPS	0,380	SPHERE_360	546376	AC34125

Product description	Chromaticity coordinate y	Beam angle	EPREL ID	Model number
L 58 W/840 SPS	0,380	SPHERE_360	546382	AC34157

EQUIPMENT / ACCESSORIES

- Suitable for use in open and enclosed luminaires

Safety advice

- Lamps with plastic sleeves, ambient temperature range: -10...+80 °C
- Lamps with plastic sleeves, maximum shelf life: 5 years at 0...30 °C
- Lamps with plastic sleeves must be replaced after average lifetime (B50) has been reached
- In case of lamp breakage: www.ledvance.com/brokenlamp

APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.





SALES AND TECHNICAL SUPPORT

Sales and Technical Support www.ledvance.com

COUNTRY SPECIFIC INFORMATION

Product description	Product code	METEL-Code	SEG number	STK number	UK Org
L 18 W/840 SPS	4008321232885	OSRL18840SPSLL	8329432	4930184	-
L 36 W/840 SPS	4008321232823	OSRL36840SPSLL	8329434	4930484	-
L 58 W/840 SPS	4008321232922	OSRL58840SPSLL	8329444	4930784	-

DOWNLOAD DATA

DOWNLOAD DATA	
	Declarations of conformity EC Declaration of Conformity - 2021 9C1-4077897-EN-00 - T8
	Declarations of conformity EC Declaration of Conformity - 2021 9C1-4077897-EN-00 - T8
	Advertisements 335262_Light color and lumen overview / Lichtfarben- und Lumenübersicht
	Declarations of conformity EC Declaration of Conformity - 2021 9C1-4077897-EN-00 - T8

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321232885	Unpacked 1	600 mm x 25 mm x 25 mm	118.00 g	0.38 dm ³
4008321232823	Unpacked 1	1,214 mm x 28 mm x 33 mm	244.00 g	1.12 dm ³
4008321232922	Unpacked 1	1,540 mm x 26 mm x 26 mm	306.50 g	1.04 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.