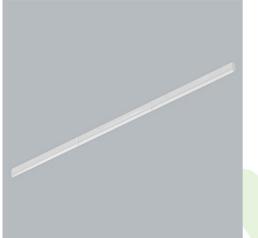


### Product: LAMINAR SURFACE LED 4400 PC EDD IP44 24 830 LINE-1S / L-1145MM Index: 19.4417.I713.24



## Description

LAMINAR SURFACE LED LINE is a linear lighting system for spaces requiring laminar airflow. Its streamlined, oval shape minimizes airflow resistance in controlled clean, and medical environments. Designed for quick and easy installation, LAMINAR SURFACE LED LINE features a "click-in" system with end caps enabling tool-free mechanical and electrical connection, allowing for the fast creation of continuous light lines. The spring-mounted installation eliminates the need to open the luminaire, simplifying the process and reducing installation time. Constructed from durable aluminum, LAMINAR SURFACE LED LINE includes a opal polycarbonate diffuser resistant to mechanical damage, ensuring uniform, glare-free illumination. High-efficiency LED modules are available in 3000 K or 4000 K colour temperatures, with a CRI>80.

Product information	Category Surface mounted luminaires		
	Family LAMINAR SURFACE LI	ED LINE	
	Name LAMINAR SURFACE LI 1145MM		
	Index 19.4417.I713.24		
	EAN 5902107665272		
Light and electrical data	Light source	LED	
	Luminous flux LED [Im]	4441,7	
	LED power [W]	21,8	
	Luminaire luminous flux [lm]	3481,2	
	Power of luminaire [W]	24,5	
	Luminaire's light efficiency [lm/W]	142,1	
	Color of the light [K]	3000	
	CRI	>80	
	SDCM (LED sources)	3	
	Beam angle [°]	(C0-C180) / (C90-C270) - 141,4° / 86,8°	
	Photobiological risk class (IEC/EN 62471)	RG0	
	Protection against electric shock	I	
	Protection degree	IP44	
	Voltage	220240 V, 5060 Hz	
	Lifetime of LED sources [h]	100000	
	Lx/By	L80/B10	
	Operating temperature range [°C]	5 ÷ 30	
	Driver	DIM DALI (EDD)	
	Power factor $\cos \phi$	>0,95	
	Circuit load capacity	20 (B10), 31 (B16), 33 (C10), 53 (C16)	



## Datasheet

#### **Mechanical data** surface mounted on ceiling Assembly Material aluminum Color anodised aluminum А Diffuser PC (opalescent polycarbonate) Impact resistant IK04 Ð т Dimensions [mm] 1145 x 48 x110

# B

## A graph of light

