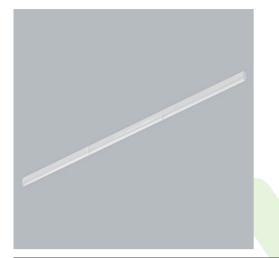


#### Product: LAMINAR SURFACE LED 4400 PC E IP44 24 840 LINE-S / L-1145MM Index: 19.4389.6721.24



## 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.

Category	y Surface mounted luminaires	
Family	LAMINAR SURFACE LED LINE	
Name	LAMINAR SURFACE LED 4400 PC E IP44 24 840 LINE-S / L- 1145MM	
Index	19.4389.6721.24	

### Light and electrical data

	Light source	LED
	Luminous flux LED [lm]	4675,5
	LED power [W]	21,8
	Luminaire luminous flux [lm]	3664,4
	Power of luminaire [W]	24,5
	Luminaire's light efficiency [lm/W]	149,6
	Color of the light [K]	4000
	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	standard on/off (E)
	Power factor $\cos \phi$	>0,95
	Circuit load capacity	25 (B10), 40 (B16), 39 (C10), 62 (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

A graph of light

В

