

**Product:** LAMINAR SURFACE LED 4400 PC E IP44 04 830 LINE-EL / L-1143MM**Index:** 19.4389.4711.04

## 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 LED LINE
Name	LAMINAR SURFACE LED 4400 PC E IP44 04 830 LINE-EL / L-1143MM
Index	19.4389.4711.04



## Light and electrical data

Light source	LED
Luminous flux LED [lm]	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	220..240 V, 50..60 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 φ	>0,95
Circuit load capacity	25 (B10), 40 (B16), 39 (C10), 62 (C16)

Mechanical data



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Assembly	surface mounted on ceiling
Material	aluminum
Color	RAL 9005 (black)
Diffuser	PC (opalescent polycarbonate)
Impact resistant	IK04
Dimensions [mm]	1143 x 48 x110

A graph of light

