

**Product:** LAMINAR LED 5500 PC E 33 IP44 840 / L-1421MM

**Index:** 19.4364.4821.33



## Description

The luminaire has a streamlined, oval shape that makes the product suitable for use in rooms where laminar flow ventilation is used. This means that the air flowing around the luminaire or near it is less susceptible to mechanical resistance. The frosted shade is made of polycarbonate which is resistant to mechanical damage. The optical system ensures uniform illumination of the diffuser. Body made of anodized aluminium - available in aluminium color, optionally painted in other color required by the customer. High efficiency LED modules with color temperature 3000 K or 4000 K or LED modules with yellow light are used. Color rendering index at white light - CRI>80. Ceiling-mounted with springs, so that the luminaire does not need to be opened during installation. The standard luminaire is equipped with a 1 metre protruding cable for the connection, optionally the cable can be equipped with a connector or the connector (socket) can be installed in the side of the luminaire.

## Product information

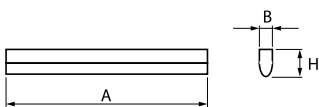
Category	Surface mounted luminaires
Family	LAMINAR LED
Name	LAMINAR LED 5500 PC E 33 IP44 840 / L-1421MM
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## Light and electrical data

Light source	LED
Luminous flux LED [lm]	5727
LED power [W]	29
Luminaire luminous flux [lm]	4489
Power of luminaire [W]	30,5
Luminaire's light efficiency [lm/W]	147,2
Color of the light [K]	4000
CRI	>80
SDCM (LED sources)	3
Beam angle [°]	(C0-C180) / (C90-C270) - 141,4° / 86,8°
Protection against electric shock	I
Protection degree	IP44
Voltage	220..240 V, 50..60 Hz
Lifetime of LED sources [h]	100000 (1) / 147000 (2)
Lx/By	L80/B10 (1) / L70/B50 (2)
Operating temperature range [°C]	5 ÷ 30
Driver	standard on/off (E)
Power factor cos φ	>0,95
Circuit load capacity	30 (B10), 48 (B16), 43 (C10), 70 (C16)

## Mechanical data



Assembly	surface mounted on ceiling
Material	aluminum
Color	RAL 9010 (white)
Diffuser	PC (opalescent polycarbonate)
Dimensions [mm]	1421 x 47 x 109

## A graph of light

