Product: LAMINAR LED 5500 PC E 33 IP44 840 / L-1421MM
Index: 0E1TDSL55APC33

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**
Index	**0E1TDSL55APC33**

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