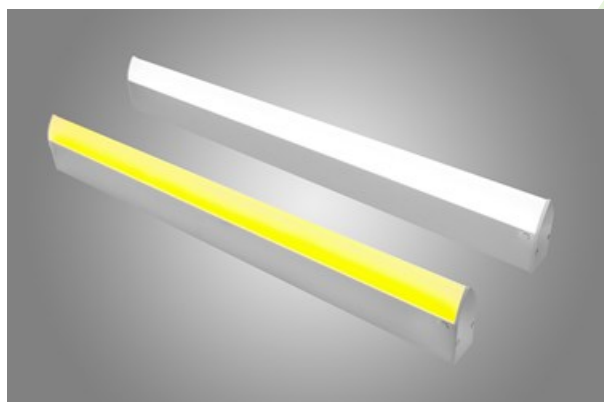




LAMINAR LED

Surface mounted luminaires



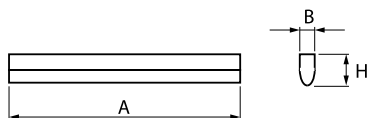
The luminaire has a stream-lined, oval shape that makes the product suitable for use in rooms where laminar flow ventilation is used. This means that the air flowing around the luminaire or near it is less susceptible to mechanical resistance. The frosted shade is made of polycarbonate which is resistant 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.



Main parameters:

Name	Luminous flux LED [lm]	Power of luminaire [W]	Color [K]	Dimensions A x B x H [mm]
LAMINAR LED 1650 YELLOW MONO	1650	44	yellow color (dominant wavelength $\lambda_p=592$ nm)	859 x 47 x 109
LAMINAR LED 2200 YELLOW MONO	2200	58	yellow color (dominant wavelength $\lambda_p=592$ nm)	1140 x 47 x 109
LAMINAR LED 2750 YELLOW MONO	2750	73	yellow color (dominant wavelength $\lambda_p=592$ nm)	1421 x 47 x 109
LAMINAR LED 3300	3436	19,2	4000	859 x 47 x 109
LAMINAR LED 4400	4565	24,7	4000	1140 x 47 x 109
LAMINAR LED 5500	5727	30,5	4000	1421 x 47 x 109

Technical drawing:



Light and electrical features:

Light source	LED
Voltage	220..240 V, 50..60 Hz
Lifetime of LED sources [h]	60000/100000 (1) / 147000 (2)
Lx/By	L80/B10/L80/B10 (1) / L70/B50 (2)
CRI	>80
SDCM (LED sources)	3
Operating temperature range [°C]	5 ÷ 30
Driver	standard on/off (E) DIM DALI (EDD) *
Power factor $\cos \phi$	>0,95

* Variant to specify when ordering

Mechanical features:

Assembly	surface mounted on ceiling
Material	aluminum
Color	anodised aluminum RAL 9010 (white) *
Diffuser	PC (opallescent polycarbonate)

Additional information:

The luminaire can be made in CLO version.

Note: The power shown refers to the whole system (tolerance +/- 10%).
The given luminous flux refers to LED light sources (tolerance +/- 10% depends on the value of the colour temperature).
Technical data may be changed. Photos of the luminaires may differ from reality.
Date of last update: 24-01-2023