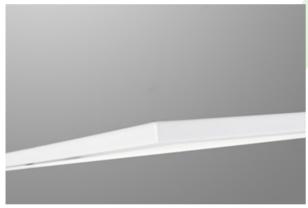




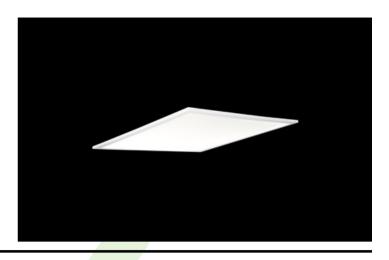
#### **EUROPANEL LED UGR<19**

#### **UGR<19 luminaires**









Modern LED panel for installation in suspended ceilings or directly on the ceiling. Equipped with the highly efficient LED sources. Luminary body made from aluminum. PMMA opal diffuser. Colour of luminary - white. CRI>80. Luminary dedicated for the public use structure like offices, conference rooms, classrooms, lecture halls etc



Lufthansa Systems, Berlin













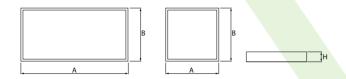




## Main parameters:

Name	Luminous flux LED [lm]	Power of luminaire [W]	Color [K]	Dimensions A x B x H [mm]
EUROPANEL LED 3800	3450 / 3653	21	3000 / 4000	596 x 596 x 11 / 1196 x 296 x 11
EUROPANEL LED 4800	4811 / 5095	29,3	3000 / 4000	596 x 596 x 11
EUROPANEL LED 5800	6147 / 6508	45,6 / 46	3000 / 4000	596 x 596 x 11 / 1196 x 296 x 11

# **Technical drawing:**



# Light and electrical features:

Light source	LED
Voltage	220240 V, 5060 Hz
Lifetime of LED sources [h]	100000 (1) / 80000 (2)
Lx/By	L70/B10 (1) / L80/B10 (2)
CRI	>80
SDCM (LED sources)	3
Photobiological risk class (IEC/EN 62471)	RG0
Operating temperature range [°C]	5 ÷ 30
Driver	standard on/off (E) DIM DALI (EDD) no flicker driver (E-NF) *
Power factor cos φ	>0.95

<sup>\*</sup> Variant to specify when ordering

### **Mechanical features:**

Assembly	mounted in module ceilings, plasterboard ceilings (using accessories) or surface mounted (using accessories)
Material	aluminum
Color	RAL 9016 (white)
Diffuser	Micro-PRM (micro-prismatic diffuser PMMA)

#### Additional information:

The luminaire can be made in CLO version.