



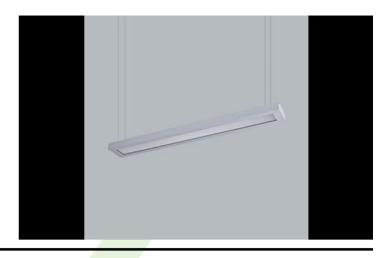
MATRIX LED

Surface mounted luminaires









We believe that the advantages of applying specific luminaries in public buildings depend mainly on their lighting properties. Their design should be simple and shouldn't capture attention. Lighting well designed builds friendly atmosphere, considers luminaries with high efficiency, gives comfort and creates most favourable conditions for people. Suspended, decorative luminary of direct light distribution. Is characterized by high lighting parameters and subtle construction. Casing of the luminary is made of powder-painted steel sheet. Grey is a standard colour of the luminary. Significant diversity of the value of luminous flux. Colour rendering index CRI: 80. The luminary perfectly matches interior design of representative facilities.



Family swimming pool, Białystok





Main parameters:

Name	Luminous flux LED [lm]	Power of luminaire [W]	Color [K]	Dimensions A x B x H [mm]
MATRIX LED L-DOWN 2600	2617	14,4	4000	1245 x 160 x 62
MATRIX LED L-DOWN 4400	4565	24,7	4000	1245 x 160 x 62
MATRIX LED L-DOWN 5200	5234	28,2	4000	1245 x 160 x 62
MATRIX LED L-DOWN 8800	9130	49,1	4000	1245 x 160 x 62

Technical drawing:

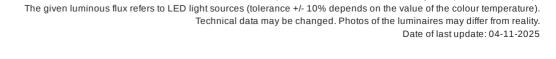


Light and electrical features:

Light source	LED
Voltage	220240 V, 5060 Hz
Lifetime of LED sources [h]	100000 (1) / 147000 (2)
Lx/By	L80/B10 (1) / L70/B50 (2)
CRI	>80
SDCM (LED sources)	3
Operating temperature range [°C]	5 ÷ 30
Driver	standard on/off (E)
Power factor $\cos \phi$	>0,95

Mechanical features:

Assembly	surface mounted on slings
Material	steel sheet
Color	RAL 9006 (grey, metallic, fine structure)
Diffuser	Micro-PRM (micro-prismatic diffuser PMMA)



Note: The power shown refers to the whole system (tolerance +/- 10%).

