

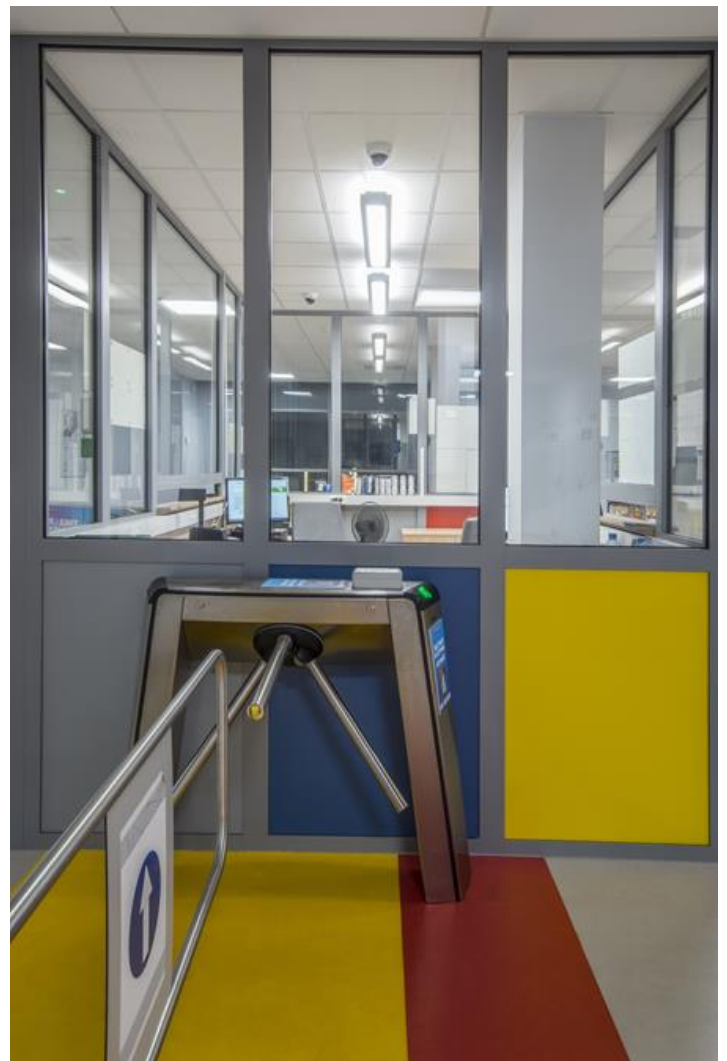


MATRIX LED

Surface mounted luminaires



We believe that the advantages of applying specific luminaires 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 luminaires 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.



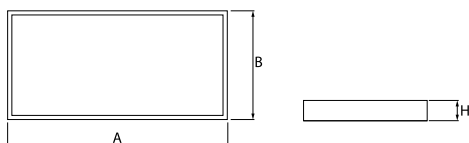
Family swimming pool, Białystok



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	220..240 V, 50..60 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 φ	>0,95

Mechanical features:

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

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