



## 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 luminaire is made of powder-painted steel sheet. Grey is a standard colour of the luminaire. Significant diversity of the value of luminous flux. Colour rendering index CRI: 80. The luminaire perfectly matches interior design of representative facilities.



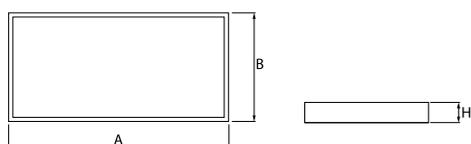
Family swimming pool, Białystok



**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:**

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

**Mechanical features:**

|                 |   |
|-----------------|---|
| <b>Assembly</b> | surface mounted on slings                 |
| <b>Material</b> | steel sheet                               |
| <b>Color</b>    | RAL 9006 (grey, metallic, fine structure) |
| <b>Diffuser</b> | 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.  
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