

**Product:** MATRIX LED L-DOWN 8800 MICRO-PRM E 21 840 LINE-EL / Z1,6 L-1200**Index:** 19.3084.0010.21

## Description

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 luminaire 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.

## Product information

|          |   |
|----------|---|
| Category | Surface mounted luminaires                                      |
| Family   | MATRIX LED LINE   |
| Name     | MATRIX LED L-DOWN 8800 MICRO-PRM E 21 840 LINE-EL / Z1,6 L-1200 |
| Index    | 19.3084.0010.21   |



## Light and electrical data

|                                     |  |
|-------------------------------------|--|
| Light source                        | LED                                    |
| Luminous flux LED [lm]              | 9130                                   |
| LED power [W]                       | 46,8                                   |
| Luminaire luminous flux [lm]        | 6779                                   |
| Power of luminaire [W]              | 49,1                                   |
| Luminaire's light efficiency [lm/W] | 138,1                                  |
| Color of the light [K]              | 4000                                   |
| CRI                                 | >80                                    |
| SDCM (LED sources)                  | 3                                      |
| Beam angle [°]                      | (C0-C180) / (C90-C270) - 89° / 89°     |
| Protection against electric shock   | I                                      |
| Protection degree                   | IP20                                   |
| Voltage                             | 220..240 V, 50..60 Hz                  |
| Lifetime of LED sources [h]         | 100000 (1) / 147000 (2)                |
| Lx/By                               | L80/B10 (1) / L70/B50 (2)              |
| Operating temperature range [°C]    | 5 ÷ 30                                 |
| Driver                              | standard on/off (E)                    |
| Power factor cos φ                  | >0,95                                  |
| Circuit load capacity               | 15 (B10), 25 (B16), 24 (C10), 38 (C16) |

## Mechanical data



|                  |   |
|------------------|---|
| Assembly         | surface mounted on slings                 |
| Material         | steel sheet                               |
| Color            | RAL 9006 (gray, metallic, fine structure) |
| Diffuser         | Micro-PRM (micro-prismatic diffuser PMMA) |
| Impact resistant | IK04                                      |
| Dimensions [mm]  | 1245 x 160 x 62                           |

## A graph of light

