

**Product:** MATRIX SURFACE LED 5200 MICRO-PRM 21 E 840**Index:** 19.3087.0006.21

## Description

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.

## Product information

|          |  |
|----------|--|
| Category | Surface mounted luminaires                 |
| Family   | MATRIX SURFACE LED                         |
| Name     | MATRIX SURFACE LED 5200 MICRO-PRM 21 E 840 |
| Index    | 19.3087.0006.21                            |



## Light and electrical data

|                                     |  |
|-------------------------------------|--|
| Light source                        | LED                                    |
| Luminous flux LED [lm]              | 5234                                   |
| LED power [W]                       | 26,6                                   |
| Luminaire luminous flux [lm]        | 3886                                   |
| Power of luminaire [W]              | 28,2                                   |
| Luminaire's light efficiency [lm/W] | 137,8                                  |
| 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               | 30 (B10), 48 (B16), 43 (C10), 70 (C16) |

## Mechanical data



|                  |   |
|------------------|---|
| Assembly         | surface mounted on ceiling                |
| Material         | steel sheet                               |
| Color            | RAL 9006 (gray, metallic, fine structure) |
| Diffuser         | Micro-PRM (micro-prismatic diffuser PMMA) |
| Impact resistant | IK04                                      |
| Weight [kg]      | 5   |
| Dimensions [mm]  | 1245 x 160 x 62                           |

## A graph of light

