

**Product:** AGAT LED 4400 PLX E 830 / 600X300

**Index:** 19.4258.2111.34



## Description

Luminaire dedicated for module and suspended ceilings with the T24 grid, equipped with the highly efficient LED sources. Luminaire body made from steel sheet, powder coated in white. Monolithic construction is the characteristic feature of the luminaire (remaining in one-piece during exploitation process). Luminaire available in PLX or Micro-PRM diffuser. Luminaire dedicated for the public use structure.

## Product information

|          |  |
|----------|--|
| Category | <b>Recessed luminaires</b>               |
| Family   | <b>AGAT LED</b>                          |
| Name     | <b>AGAT LED 4400 PLX E 830 / 600X300</b> |
| Index    | <b>19.4258.2111.34</b>                   |



## Light and electrical data

|   |   |
|---|---|
| Light source                              | <b>LED</b>                                      |
| Luminous flux LED [lm]                    | <b>4406</b>                                     |
| LED power [W]                             | <b>23,4</b>                                     |
| Luminaire luminous flux [lm]              | <b>3262</b>                                     |
| Power of luminaire [W]                    | <b>24,7</b>                                     |
| Luminaire's light efficiency [lm/W]       | <b>132,1</b>                                    |
| Color of the light [K]                    | <b>3000</b>                                     |
| CRI                                       | <b>&gt;80</b>                                   |
| SDCM (LED sources)                        | <b>3</b>  |
| Beam angle [°]                            | <b>(C0-C180) / (C90-C270) - 102,8° / 102,8°</b> |
| Photobiological risk class (IEC/EN 62471) | <b>RG0</b>                                      |
| Protection against electric shock         | <b>I</b>  |
| Protection degree                         | <b>IP20/44</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>                |
| Operating temperature range [°C]          | <b>5 ÷ 30</b>                                   |
| Driver                                    | <b>standard on/off (E)</b>                      |
| Power factor cos φ                        | <b>&gt;0,95</b>                                 |
| Circuit load capacity                     | <b>30 (B10), 48 (B16), 43 (C10), 70 (C16)</b>   |

**Mechanical data**



|                  |                                   |
|------------------|-----------------------------------|
| Assembly         | <b>mounted in module ceilings</b> |
| Material         | <b>steel sheet</b>                |
| Color            | <b>white</b>                      |
| Diffuser         | <b>PLX (PMMA opal)</b>            |
| Impact resistant | <b>IK04</b>                       |
| Weight [kg]      | <b>2,2</b>                        |
| Dimensions [mm]  | <b>596 x 296 x 90</b>             |

**A graph of light**

