

**Product:** AGAT LED S SMOOTH 3750 PLX E 34 840 / 600X300

**Index:** 19.4259.2221.34



## Description

Luminaire adapted to be mounted on 600 x 600 mm module ceilings. It is equipped with highly efficient LED sources of the newest lighting generation, with the average durability of 80000 h. Diffuser is located in a steel frame which is powder coated in white. The frame is mounted to the luminaire body by the use of springs. There is no need to use any extra tools to mount or dismantle the luminaire. The body is made from steel sheet which is powder coated with mixture of thermostatic synthetic resin, hardeners, and pigments, all resistant to UV radiation. Luminaire resistant to solids, dust, and liquids penetration (IP20/44).

## Product information

|          |  |
|----------|--|
| Category | <b>Recessed luminaires</b>                           |
| Family   | <b>AGAT LED SMOOTH</b>                               |
| Name     | <b>AGAT LED S SMOOTH 3750 PLX E 34 840 / 600X300</b> |
| Index    | <b>19.4259.2221.34</b>                               |
| EAN      | <b>5901867472014</b>                                 |



## Light and electrical data

|   |   |
|---|---|
| Light source                              | <b>LED</b>                                      |
| Luminous flux LED [lm]                    | <b>3782,1</b>                                   |
| LED power [W]                             | <b>17,8</b>                                     |
| Luminaire luminous flux [lm]              | <b>3067</b>                                     |
| Power of luminaire [W]                    | <b>19,9</b>                                     |
| Luminaire's light efficiency [lm/W]       | <b>154,1</b>                                    |
| Color of the light [K]                    | <b>4000</b>                                     |
| CRI                                       | <b>&gt;80</b>                                   |
| SDCM (LED sources)                        | <b>3</b>  |
| Beam angle [°]                            | <b>(C0-C180) / (C90-C270) - 105,8° / 106,2°</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>80000</b>                                    |
| Lx/By                                     | <b>L80/B10</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>50 (B10), 90 (B16), 65 (C10), 105 (C16)</b>  |

**Mechanical data**



|                  |                                   |
|------------------|-----------------------------------|
| Assembly         | <b>mounted in module ceilings</b> |
| Material         | <b>steel sheet</b>                |
| Color            | <b>RAL 9016 (white)</b>           |
| Diffuser         | <b>PLX (PMMA opal)</b>            |
| Impact resistant | <b>IK04</b>                       |
| Weight [kg]      | <b>3,2</b>                        |
| Dimensions [mm]  | <b>596 x 296 x 90</b>             |

**A graph of light**

