

**Product:** AGAT POS LED 4400 MICRO-PRM E 840 / 1200X300

**Index:** 19.4007.5421.34



## Description

Luminary body made from steel sheet powder coated in white. Luminary adapted to be mounted in 600x600 module ceilings and with adaptive frame in plasterboard ceilings. It is equipped with highly efficient LED sources of the newest lighting generation, with the average durability of 60000 h. Diffuser is made from polymethyl methacrylate with micro prism structure (micro prism part of diffuser is the outer side of the luminaire). Luminary resistant to solids, dust, and liquids penetration (IP20).

## Product information

|          |   |
|----------|---|
| Category | <b>Recessed luminaires</b>                          |
| Family   | <b>AGAT POS LED</b>                                 |
| Name     | <b>AGAT POS LED 4400 MICRO-PRM E 840 / 1200X300</b> |
| Index    | <b>19.4007.5421.34</b>                              |



## Light and electrical data

|                                     |   |
|-------------------------------------|---|
| Light source                        | <b>LED</b>                                    |
| Luminous flux LED [lm]              | <b>4565</b>                                   |
| LED power [W]                       | <b>23,4</b>                                   |
| Luminaire luminous flux [lm]        | <b>3764</b>                                   |
| Power of luminaire [W]              | <b>24,7</b>                                   |
| Luminaire's light efficiency [lm/W] | <b>152,4</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) - 89,4° / 76°</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, as well as plasterboard ceilings</b> |
| Material         | <b>steel sheet</b>  |
| Color            | <b>white</b>  |
| Diffuser         | <b>Micro-PRM (micro-prismatic diffuser PMMA)</b>                    |
| Impact resistant | <b>IK04</b>   |
| Dimensions [mm]  | <b>1196 x 296 x 55</b>  |

## A graph of light



## Accessories

Index 01ARNL-AGK120X30

Name Adaptive frame for plasterboard ceiling / 1200X300

