Product card

Product: AGAT POS LED 4400 MICRO-PRM EDD 827-865 / 600X600 TUNABLE WHITE
Index: 19.4007.1453.34


## Description

Luminary body made from steel sheet powder coated in white. Luminary adapted to be mounted in $600 \times 600$ 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 luminary). Luminary resistant to solids, dust, and liquids penetration (IP20). LED modules adjusted to regulate the color temperature of light in the range from 2700 K to 6500 K .

## Product information

| Category | Recessed luminaires |
| :--- | :--- |
| Family | AGAT POS LED |
| Name | AGAT POS LED 4400 MICRO-PRM EDD 827-865 / 600X600 |
|  | TUNABLE WHITE |
| Index | 19.4007 .1453 .34 |

Light and electrical data

| Light source | LED |
| :---: | :---: |
| Luminous flux LED [Im] | 4304 $\div 4574$ (2700 $\div 6500 \mathrm{~K}$ ) |
| LED power [W] | 27 $\div 29$ (6500 $\div 2700 \mathrm{~K}$ ) |
| Luminaire luminous flux [lm] | $3549 \div 3771$ ( $2700 \div 6500 \mathrm{~K}$ ) |
| Power of luminaire [W] | $30 \div 32$ (6500 $\div 2700 \mathrm{~K}$ ) |
| Luminaire's light efficiency [ $\mathrm{lm} / \mathrm{W}$ ] | 111 $\div 126$ (2700 $\div 6500 \mathrm{~K}$ ) |
| Color of the light [K] | $2700 \div 6500$ |
| CRI | $>80$ |
| SDCM (LED sources) | 3 |
| Beam angle [ ${ }^{\circ}$ ] | (C0-C180) / (C90-C270)-89,4$/ 76^{\circ}$ |
| Protection against electric shock | 1 |
| Protection degree | IP20/44 |
| Voltage | 220..240 V, 50.. 60 Hz |
| Lifetime of LED sources [h] | 50000 |
| Lx/By | L80/B10 |
| Operating temperature range [ ${ }^{\circ} \mathrm{C}$ ] | $5 \div 30$ |
| Driver | DIM DALI (EDD) |
| Power factor $\cos \varphi$ | >0,95 |
| Circuit load capacity | 17 (B10), 28 (B16), 26 (C10), 42 (C16) |

## Mechanical data



| Assembly | mounted in module ceilings, as well as <br> plasterboard ceilings |
| :--- | :--- |
| Material | steel sheet |
| Color | white |
| Diffuser | Micro-PRM (micro-prismatic diffuser PMMA) |
| Impact resistant | IK04 |
| Weight $[\mathrm{kg}]$ | 3,3 |
| Dimensions [mm] | $596 \times 596 \times 55$ |

## A graph of light



## Accessories

## Index 2C1A7392

Name Adaptive frame for plasterboard ceiling ( $600 \times 600$ )


