

**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 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). LED modules adjusted to regulate the color temperature of light in the range from 2700 K to 6500 K.

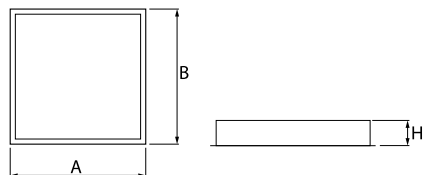
## Product information

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

## Mechanical data



Assembly	mounted in module ceilings, as well as plasterboard ceilings
Material	steel sheet
Color	white
Diffuser	Micro-PRM (micro-prismatic diffuser PMMA)
Impact resistant	IK04
Weight [kg]	3,3
Dimensions [mm]	596 x 596 x 55

## A graph of light

