

**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 luminary). Luminary resistant to solids, dust, and liquids penetration (IP20).

## Product information

Category	Recessed luminaires
Family	AGAT POS LED
Name	AGAT POS LED 4400 MICRO-PRM E 840 / 1200X300
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## Light and electrical data

Light source	LED
Luminous flux LED [lm]	4565
LED power [W]	23,4
Luminaire luminous flux [lm]	3764
Power of luminaire [W]	24,7
Luminaire's light efficiency [lm/W]	152,4
Color of the light [K]	4000
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]	100000 (1) / 147000 (2)
Lx/By	L80/B10 (1) / L70/B50 (2)
Operating temperature range [°C]	5 ÷ 30
Driver	standard on/off (E)
Power factor cos φ	>0,95
Circuit load capacity	30 (B10), 48 (B16), 43 (C10), 70 (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
Dimensions [mm]	1196 x 296 x 55

## A graph of light

