

Product: AGAT CLEAN LED 5200 MICRO-PRM SH E IP65 830 / 600X600

Index: 19.3184.0050.34



Description

Luminaire designed to module and gypsum and cardboard suspended ceilings, equipped with the highly efficient LED panels. Luminaire body made from steel sheet, powder coated in white. Optical systems and diffusers mounted in an aluminum frame. Luminaire recommended for: emergency departments, intensive care units, and treatment rooms.

Product information

Category	Clean luminaires - recessed
Family	AGAT CLEAN LED
Name	AGAT CLEAN LED 5200 MICRO-PRM SH E IP65 830 / 600X600
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Light and electrical data

Light source	LED
Luminous flux LED [lm]	5051
LED power [W]	26,6
Luminaire luminous flux [lm]	3636
Power of luminaire [W]	28,2
Luminaire's light efficiency [lm/W]	128,9
Color of the light [K]	3000
CRI	>80
SDCM (LED sources)	3
Beam angle [°]	(C0-C180) / (C90-C270) - 88° / 91,8°
Photobiological risk class (IEC/EN 62471)	RG0
Protection against electric shock	I
Protection degree	IP65
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 SH (micro-prismatic diffuser PMMA with hardened glass)
Impact resistant	IK08
Dimensions [mm]	596 x 596 x 76
Mounting hole [mm]	580 x 580

A graph of light



cd/klm
— C0 - C180 — C90 - C270 $\eta = 72\%$