

Product: AGAT CLEAN NO FRAME LED CRI95 3600 MICRO-PRM SH E IP65 940 / 600X300

Index: 19.4074.1141.34



# **Description**

Luxiona Poland as the only company in Europe has obtained CRI>95 for its luminaries (it provides high level of R9 and R13 that faithfully render the color of blood and tissue). Luminary recommended for operating theatres - lighting that is applied should faithfully render the color of blood, tissue, and skin (R9 responsible for rendering "deep red" color, and R13 responsible for rendering "light orange" color). Luminary designed to module and gypsum and cardboard suspended ceilings, equipped with highly efficient LED panels. Luminary body made from steel sheet, powder coated in white. Its characteristic feature is lack of aluminum frame what allows to exclude the unwished-for contamination in clean rooms. There are no visible elements joining the diffuser and the luminary body.

#### **Product information**

Category Clean luminaires CRI95

Family AGAT CLEAN NO FRAME LED CRI95

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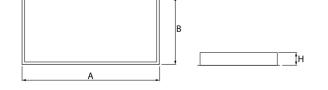




## Light and electrical data

Light source	LED
Luminous flux LED [lm]	3917
LED power [W]	24,8
Luminaire luminous flux [lm]	2820
Power of luminaire [W]	27,8
Luminaire's light efficiency [lm/W]	101,4
Color of the light [K]	4000
CRI	>95
SDCM (LED sources)	3
Beam angle [°]	(C0-C180) / (C90-C270) - 88° / 91,8°
Protection against electric shock	I
Protection degree	IP65
Voltage	220240 V, 5060 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	15 (B10), 24 (B16), 24 (C10), 40 (C16)

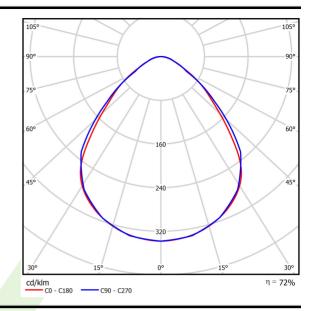
# Mechanical data



Assembly mounted in module ceilings  Material steel sheet  Color white  Diffuser Micro-PRM SH (micro-prismatic diffuser PMMA with hardened glass)  Impact resistant IK08  Dimensions [mm] 596 x 296 x 67  Mounting hole [mm] 580 x 280		
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	Impact resistant	IK08
Mounting hole [mm] 580 x 280	Dimensions [mm]	596 x 296 x 67
	Mounting hole [mm]	580 x 280



# A graph of light



### **Accessories**

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Name Handle for pane opening

