

**Product:** AGAT CLEAN LED CRI95 7200 MICRO-PRM E IP65 940 / 1200X300

**Index:** 19.3198.0013.34



## Description

Luxiona Poland as the only company in Europe has obtained CRI>95 for its luminaires (it provides high level of R9 and R13 that faithfully render the color of blood and tissue). Luminaire 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). 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.

## Product information

Category	Clean luminaires CRI95
Family	AGAT CLEAN LED CRI95
Name	AGAT CLEAN LED CRI95 7200 MICRO-PRM E IP65 940 / 1200X300
Index	19.3198.0013.34



## Light and electrical data

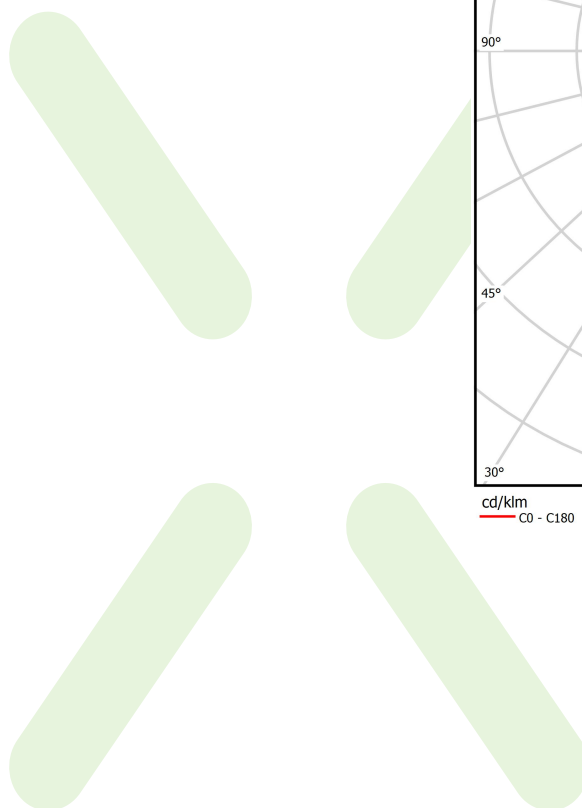
Light source	LED
Luminous flux LED [lm]	7833
LED power [W]	49,6
Luminaire luminous flux [lm]	5816
Power of luminaire [W]	51,8
Luminaire's light efficiency [lm/W]	112,3
Color of the light [K]	4000
CRI	>95
SDCM (LED sources)	3
Beam angle [°]	(C0-C180) / (C90-C270) - 89° / 89°
Photobiological risk class (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	12 (B10), 20 (B16), 21 (C10), 34 (C16)

## Mechanical data



Assembly	<b>mounted in module ceilings, as well as plasterboard ceilings</b>
Material	<b>steel sheet</b>
Color	<b>white</b>
Diffuser	<b>Micro-PRM (micro-prismatic diffuser PMMA)</b>
Impact resistant	<b>IK04</b>
Weight [kg]	<b>6,07</b>
Dimensions [mm]	<b>1196 x 296 x 76</b>
Mounting hole [mm]	<b>1180 x 280</b>

## A graph of light



cd/klm  
— C0 - C180 — C90 - C270

$\eta = 74\%$