

## Product: AGAT CLEAN NO FRAME LED CRI95 9000 MICRO-PRM SH E IP65 940 / 600X600 Index: 19.3199.0009.34

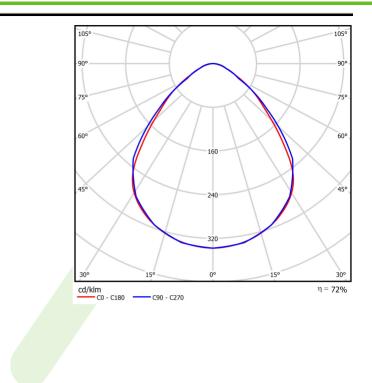


## Description

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	
	Name AGAT CLEAN NO FRAME LED CRI95 9000 MIC 940 / 600X600	RO-PRM SH E IP65
	Index 19.3199.0009.34	
	$\overbrace{LED} \textcircled{\mathbb{E}} \textcircled{\mathbb{E}} \textcircled{\mathbb{E}} \textcircled{\mathbb{E}}$	
Light and electrical data	Light source LED	
	Luminous flux LED [lm] 9791	
	LED power [W] 62	
	Luminaire luminous flux [Im] 7049	
	Power of luminaire [W] 63,6	
	Luminaire's light efficiency [lm/W] <b>110,8</b>	
	Color of the light [K] 4000	
	CRI >95	
	SDCM (LED sources) 3	
	Beam angle [°] (C0-C180) / (C90-C27	70) - 88° / 91,8°
	Protection against electric shock	
	Protection degree IP65	
	Voltage 220240 V, 5060 Hz	
	Lifetime of LED sources [h] <b>100000 (1) / 147000</b>	(2)
	Lx/By L80/B10 (1) / L70/B5	0 (2)
	Operating temperature range [°C] 5 ÷ 30	
	Driver standard on/off (E)	
	Power factor $\cos \phi$ >0,95	
	Circuit load capacity <b>12 (B10), 20 (B16), 2</b>	1 (C10), 34 (C16)
Mechanical data	Assembly mounted in module ceilings	;
B A	Material steel sheet	
	Color white	
	Diffuser Micro-PRM SH (micro-prisma with hardened glass)	atic diffuser PMM
	Impact resistant IK08	
	Weight [kg] 7,7	
	Dimensions [mm] 596 x 596 x 67	
	Mounting hole [mm] 580 x 580	

## A graph of light





Luminous flux tolerance +/- 10%. Power tolerance +/- 10%. Technical data may be changed. Photos of the luminaires may differ from reality. Date of last update: 23-12-2022