

## Product: AGAT CLEAN NO FRAME LED CRI95 7200 MICRO-PRM SH E IP65 940 / 1200X300 Index: 19.3199.0005.34

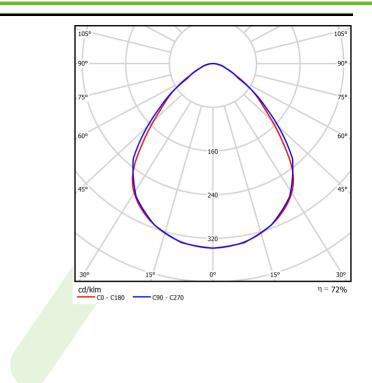


## Description

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 7200 MICRO-PRM S 940 / 1200X300		
		Index 19.3199.0005	.34	
		C		
Light and electrical data		Light source	LED	
		Luminous flux LED [lm]	7833	
		LED power [W]	49,6	
		Luminaire luminous flux	[lm] 5639	
		Power of luminaire [W]	51,8	
		Luminaire's light efficienc	cy [lm/W] 108,9	
		Color of the light [K]	4000	
		CRI	>95	
		SDCM (LED sources)	3	
		Beam angle [°]	(C0-C180) / (C90-C270) - 88° / 91,8°	
		Protection against electri	ic shock I	
		Protection degree	IP65	
		Voltage	220240 V, 5060 Hz	
		Lifetime of LED sources	[h] <b>100000 (1) / 147000 (2)</b>	
		Lx/By	L80/B10 (1) / L70/B50 (2)	
		Operating temperature r	ange [°C] 5 ÷ 30	
		Driver	standard on/off (E)	
		Power factor $\cos \phi$	>0,95	
		Circuit load capacity	12 (B10), 20 (B16), 21 (C10), 34 (C16)	
Mechanical data		Assembly	mounted in module ceilings	
		Material	steel sheet	
		Color	white	
	<u>]</u> †⊔	Diffuser	Micro-PRM SH (micro-prismatic diffuser PMM/ with hardened glass)	
	<u></u> *''	Impact resistant	IK08	
		Weight [kg]	7,9	
		Dimensions [mm]	1196 x 296 x 67	
		Mounting hole [mm]	1180 x 280	

## 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