

Product: AGAT CLEAN NO FRAME LED CRI95 7200 SHM E IP65 940 / 600X600 Index: 19.3199.0008.34

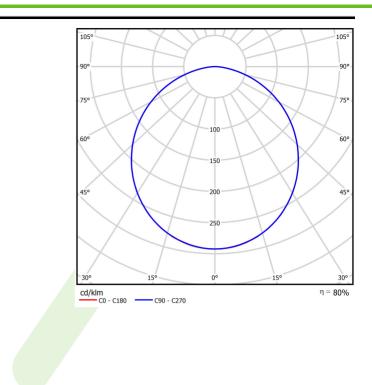


Description

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 FRAM	
	Name AGAT CLEAN NO FRAM 600X600	/IE LED CRI95 7200 SHM E IP65 940 /
	Index 19.3199.0008.34	
Light and electrical data	Light source	LED
	Luminous flux LED [lm]	7833
	LED power [W]	49,6
	Luminaire luminous flux [lm]	6305
	Power of luminaire [W]	51,8
	Luminaire's light efficiency [lm/W]	121,7
	Color of the light [K]	4000
	CRI	>95
	SDCM (LED sources)	3
	Beam angle [°]	(C0-C180) / (C90-C270) - 109,6° / 109,6°
	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	12 (B10), 20 (B16), 21 (C10), 34 (C16)
Mechanical data	Assembly	mounted in module ceilings
	Material	steel sheet
	Color	white
	Diffuser	SHM (hardened mat glass)
	Impact resistant	IK08
	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