

Product: AGAT CLEAN LED CRI95 14400 SHM E IP65 940 / 1200X600**Index:** 19.3198.0040.34

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). 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 the highly efficient LED panels. Luminary 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 14400 SHM E IP65 940 / 1200X600
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Light and electrical data

Light source	LED
Luminous flux LED [lm]	15666
LED power [W]	99,2
Luminaire luminous flux [lm]	12610
Power of luminaire [W]	102,5
Luminaire's light efficiency [lm/W]	123
Color of the light [K]	4000
CRI	>95
SDCM (LED sources)	3
Beam angle [°]	(C0-C180) / (C90-C270) - 109,6° / 109,6°
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	6 (B10), 10 (B16), 10 (C10), 17 (C16)

Mechanical data



Assembly	mounted in module ceilings, as well as plasterboard ceilings
Material	steel sheet
Color	white
Diffuser	SHM (hardened mat glass)
Impact resistant	IK08
Weight [kg]	13,7
Dimensions [mm]	1196 x 596 x 76
Mounting hole [mm]	1180 x 580

A graph of light

