AGAT CLEAN LED CRI95

Clean luminaires CRI95

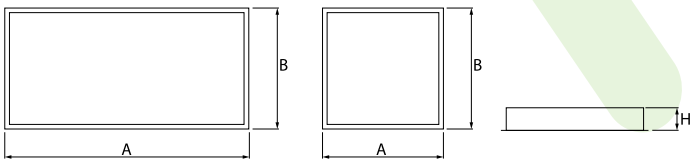
Luxiona Poland as the only company in Europe has obtained CRI>95 for its luminaries (it provides high level of R9 and R13 that faithfully render the color of blood and tissue). Luminary recommended for operating theatres - lighting that is applied should faithfully render the color of blood, tissue, 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 the highly efficient LED panels. Luminary body made from steel sheet, powder coated in white. Optical systems and diffusers mounted in an aluminum frame.

Międzyleski Specialist Hospital, Warsaw

Main parameters:

Name	Luminous flux LED [lm]	Power of luminaire [W]	Color [K]	Dimensions A x B x H [mm]
AGAT CLEAN LED CRI95 3600	3917	27,8	4000	596 x 296 x 76
AGAT CLEAN LED CRI95 5400	5875	39,2	4000	596 x 596 x 76
AGAT CLEAN LED CRI95 7200	7833	51,8	4000	1196 x 296 x 76 / 596 x 596 x 76
AGAT CLEAN LED CRI95 9000	9791	63,6	4000	596 x 596 x 76
AGAT CLEAN LED CRI95 10800	11750	73,5	4000	1196 x 596 x 76
AGAT CLEAN LED CRI95 14400	15666	102,5	4000	1196 x 596 x 76

Technical drawing:



Light and electrical features:

Light source	LED
Voltage	220..240 V, 50..60 Hz
Lifetime of LED sources [h]	100000 (1) / 147000 (2)
Lx/By	L80/B10 (1) / L70/B50 (2)
CRI	>95
SDCM (LED sources)	3
Photobiological risk class (IEC/EN 62471)	RG0
Operating temperature range [°C]	5 ÷ 30
Driver	standard on/off (E) DIM DALI (EDD) *
Power factor cos φ	>0,95

* Variant to specify when ordering

Mechanical features:

Assembly	mounted in module ceilings, as well as plasterboard ceilings
Material	steel sheet
Color	white
Diffuser	Micro-PRM (micro-prismatic diffuser PMMA) Micro-PRM SH (micro-prismatic diffuser PMMA with hardened glass) PLX (PMMA opal) SHM (hardened mat glass)

Additional information:

The luminaire can be made in CLO version. Selected luminaire variants (CRI90 only, not CRI95) are available with ENEC certification.

Note: The power shown refers to the whole system (tolerance +/- 10%).
The given luminous flux refers to LED light sources (tolerance +/- 10% depends on the value of the colour temperature).
Technical data may be changed. Photos of the luminaires may differ from reality.
Date of last update: 24-01-2023