



AGAT CLEAN LED CRI95

Clean luminaires CRI95



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). Luminaire 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). Luminaire designed to module and gypsum and cardboard suspended ceilings, equipped with the highly efficient LED panels. Luminaire body made from steel sheet, powder coated in white. Optical systems and diffusers mounted in an aluminum frame.



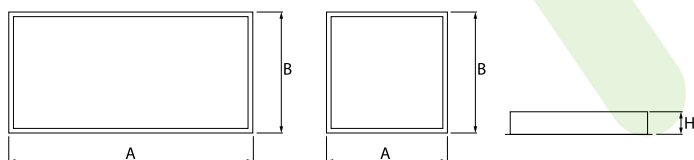
Międzyleski Specialist Hospital, Warsaw



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 | RAL 9016 (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.
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