Product: AGAT CLEAN NO FRAME LED CRI95 5400 MICRO-PRM SH E IP65 940 / 600X600
Index: 19.3199.0003.34

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.

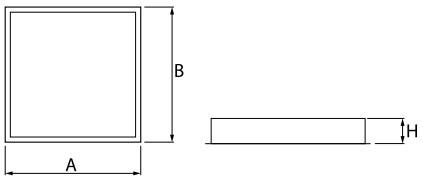
Product information

Category	**Clean luminaires CRI95**
Family	**AGAT CLEAN NO FRAME LED CRI95**
Name	**AGAT CLEAN NO FRAME LED CRI95 5400 MICRO-PRM SH E IP65 940 / 600X600**
Index	**19.3199.0003.34**

Light and electrical data

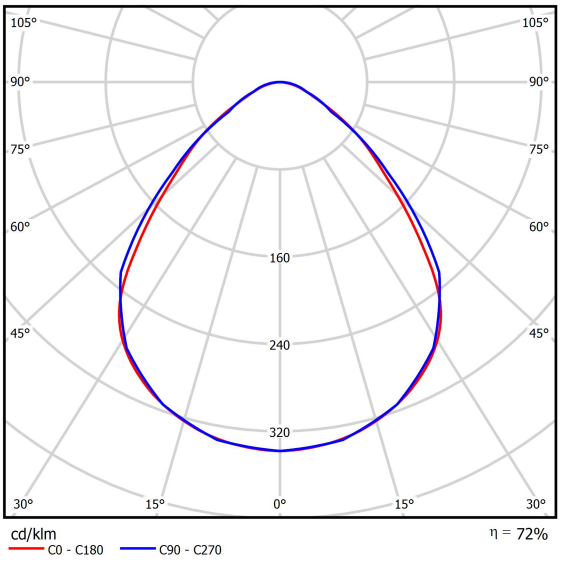
Light source	**LED**
Luminous flux LED [lm]	**5875**
LED power [W]	**37,2**
Luminaire luminous flux [lm]	**4229**
Power of luminaire [W]	**39,2**
Luminaire's light efficiency [lm/W]	**107,9**
Color of the light [K]	**4000**
CRI	**>95**
SDCM (LED sources)	**3**
Beam angle [°]	**(C0-C180) / (C90-C270) - 88° / 91,8°**
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	**16 (B10), 26 (B16), 23 (C10), 37 (C16)**

Mechanical data



Assembly	**mounted in module ceilings**
Material	**steel sheet**
Color	**white**
Diffuser	**Micro-PRM SH (micro-prismatic diffuser PMMA with hardened glass)**
Impact resistant	**IK08**
Weight [kg]	**6,2**
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