

**Product:** AGAT CLEAN NO FRAME LED CRI95 5400 SHM EDD IP65 34 930 / 600X600

**Index:** 19.4074.2233.34



## 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). 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 highly efficient LED panels. Luminaire 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 luminaire body.

## Product information

Category	Clean luminaires CRI95
Family	AGAT CLEAN NO FRAME LED CRI95
Name	AGAT CLEAN NO FRAME LED CRI95 5400 SHM EDD IP65 34 930 / 600X600
Index	19.4074.2233.34
EAN	5902107866105



## Light and electrical data

Light source	LED
Luminous flux LED [lm]	5964,5
LED power [W]	36,3
Luminaire luminous flux [lm]	4718
Power of luminaire [W]	40,7
Luminaire's light efficiency [lm/W]	115,9
Color of the light [K]	3000
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
Lx/By	L80/B10
Operating temperature range [°C]	5 ÷ 30
Driver	DIM DALI (EDD)
Power factor cos φ	>0,95
Circuit load capacity	14 (B10), 23 (B16), 22 (C10), 35 (C16)

## Mechanical data



Assembly	mounted in module ceilings, as well as plasterboard ceilings
Material	steel sheet
Color	RAL 9016 (white)
Diffuser	SHM (hardened mat glass)
Impact resistant	IK08
Dimensions [mm]	596 x 596 x 76
Mounting hole [mm]	580 x 580

## A graph of light



## Accessories

Index 6BZBO60980

Name Handle for pane opening

