

**Product:** AGAT CLEAN NO FRAME LED CRI95 14400 SHM EDD IP65 34 940 / 1200X600

**Index:** 19.4074.2743.34



## 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 14400 SHM EDD IP65 34 940 / 1200X600
Index	19.4074.2743.34
EAN	5902107433994



## Light and electrical data

Light source	LED
Luminous flux LED [lm]	16568
LED power [W]	96,8
Luminaire luminous flux [lm]	13105
Power of luminaire [W]	108,4
Luminaire's light efficiency [lm/W]	120,9
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
Lx/By	L80/B10
Operating temperature range [°C]	5 ÷ 30
Driver	DIM DALI (EDD)
Power factor cos φ	>0,95
Circuit load capacity	7 (B10), 11 (B16), 11 (C10), 17 (C16)

**Mechanical data**



Assembly	<b>mounted in module ceilings, as well as plasterboard ceilings</b>
Material	<b>steel sheet</b>
Color	<b>RAL 9016 (white)</b>
Diffuser	<b>SHM (hardened mat glass)</b>
Impact resistant	<b>IK08</b>
Dimensions [mm]	<b>1196 x 596 x 76</b>
Mounting hole [mm]	<b>1180 x 580</b>

**A graph of light**



**Accessories**

Index	6BZBO60980
Name	Handle for pane opening

