

**Product:** AGAT CLEAN-ECO LED CRI95 14400 PLX EDD IP65 940 / 1200X600

**Index:** 19.4072.8343.34



## 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 suspended ceilings, equipped with the highly efficient LED panels. Luminaire body made from steel sheet, powder coated in white. Diffusers permanently mounted, no aluminum frame. Luminaire recommended for: emergency departments, intensive care units, and treatment rooms.

## Product information

Category	Clean luminaires CRI95
Family	AGAT CLEAN-ECO LED CRI95
Name	AGAT CLEAN-ECO LED CRI95 14400 PLX EDD IP65 940 / 1200X600
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## Light and electrical data

Light source	LED
Luminous flux LED [lm]	15666
LED power [W]	99,2
Luminaire luminous flux [lm]	11508
Power of luminaire [W]	102,5
Luminaire's light efficiency [lm/W]	112,3
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 (1) / 147000 (2)
Lx/By	L80/B10 (1) / L70/B50 (2)
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</b>
Material	<b>steel sheet</b>
Color	<b>white</b>
Diffuser	<b>PLX (PMMA opal)</b>
Impact resistant	<b>IK04</b>
Dimensions [mm]	<b>1195 x 592 x 73</b>

**A graph of light**

