**Product:** AGAT CLEAN LED CRI95 10800 SHM E IP65 34 940 / 1200X600
**Index:** 19.4073.3641.34

## 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 the highly efficient LED panels. Luminary body made from steel sheet, powder coated in white. Optical systems and diffusers mounted in an aluminum frame.

## Product information

| | |
|---|---|
| Category | **Clean luminaires CRI95** |
| Family | **AGAT CLEAN LED CRI95** |
| Name | **AGAT CLEAN LED CRI95 10800 SHM E IP65 34 940 / 1200X600** |
| Index | **19.4073.3641.34** |
| EAN | **5901867494030** |

## Light and electrical data

| | |
|---|---|
| Light source | **LED** |
| Luminous flux LED [lm] | **12426** |
| LED power [W] | **72,6** |
| Luminaire luminous flux [lm] | **9829** |
| Power of luminaire [W] | **81,3** |
| 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 | **standard on/off (E)** |
| Power factor cos φ | **>0,95** |
| Circuit load capacity | **12 (B10), 20 (B16), 19 (C10), 31 (C16)** |

## Mechanical data
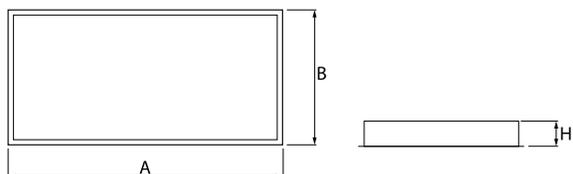
| | |
|---|---|
| Assembly | **mounted in module ceilings, as well as plasterboard ceilings** |
| Material | **steel sheet** |
| Color | **RAL 9016 (white)** |
| Diffuser | **SHM (hardened mat glass)** |
| Impact resistant | **IK08** |
| Weight [kg] | **13,7** |
| Dimensions [mm] | **1196 x 596 x 76** |
| Mounting hole [mm] | **1180 x 580** |

## A graph of light

cd/klm

C0 - C180    C90 - C270

η = 79%
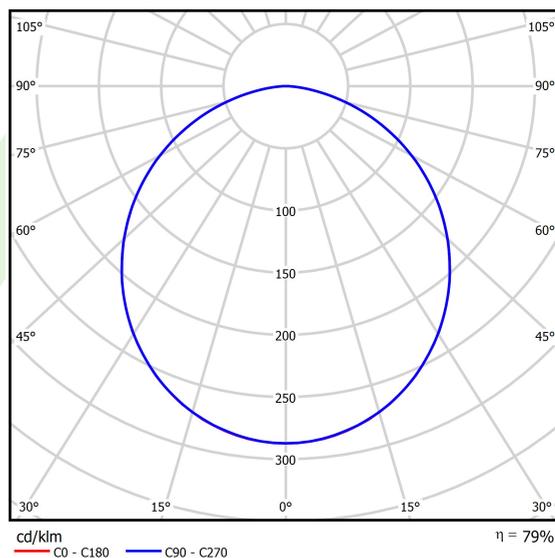
## Accessories

| | |
|---|---|
| Index | 2M-X414LKPIPT5 |
| Name | Mounting clips set for plasterboard ceiling |