



## RUBIN CLEAN NO FRAME LED CRI95

Clean luminaires CRI95



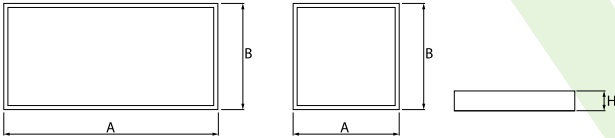
Luxiona Poland as the only company in Europe has obtained CRI>95 for its luminaires (it provides high level of R9 and R13 that faithfully render the color of blood and tissue). Luminary recommended for operating theatres - lighting that is applied should faithfully render the color of blood, tissue, and skin (R9 responsible for rendering „deep red” color, and R13 responsible for rendering „light orange” color). Surface mounted luminary equipped in 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.



Main parameters:

| Name                                 | Luminous flux LED [lm] | Power of luminaire [W] | Color [K] | Dimensions A x B x H [mm]        |
|--------------------------------------|------------------------|------------------------|-----------|----------------------------------|
| RUBIN CLEAN NO FRAME LED CRI95 3600  | 3917                   | 27,8                   | 4000      | 574 x 274 x 69                   |
| RUBIN CLEAN NO FRAME LED CRI95 5400  | 5875                   | 39,2                   | 4000      | 574 x 574 x 69                   |
| RUBIN CLEAN NO FRAME LED CRI95 7200  | 7833                   | 51,8                   | 4000      | 1174 x 274 x 69 / 574 x 574 x 69 |
| RUBIN CLEAN NO FRAME LED CRI95 10800 | 11750                  | 73,5                   | 4000      | 1174 x 574 x 69                  |
| RUBIN CLEAN NO FRAME LED CRI95 14400 | 15666                  | 102,5                  | 4000      | 1174 x 574 x 69                  |

Technical drawing:



Light and electrical features:

|                                  |                           |
|----------------------------------|---------------------------|
| Light source                     | LED                       |
| Voltage                          | 220..240 V, 50..60 Hz     |
| Lifetime of LED sources [h]      | 100000 (1) / 147000 (2)   |
| Lx/By                            | L80/B10 (1) / L70/B50 (2) |
| CRI                              | >95                       |
| SDCM (LED sources)               | 3                         |
| Operating temperature range [°C] | 5 ÷ 30                    |
| Driver                           | standard on/off (E)       |
| Power factor cos φ               | >0,95                     |

Mechanical features:

|          |  |
|----------|--|
| Assembly | surface mounted on ceiling   |
| Material | steel sheet  |
| Color    | white  |
| Diffuser | Micro-PRM SH (micro-prismatic diffuser PMMA with hardened glass)<br>SHM (hardened mat glass) |

Note: The power shown refers to the whole system (tolerance +/- 10%).  
The given luminous flux refers to LED light sources (tolerance +/- 10% depends on the value of the colour temperature).  
Technical data may be changed. Photos of the luminaires may differ from reality.  
Date of last update: 18-04-2024