



## RUBIN CLEAN 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 luminaire equipped in highly efficient LED panels. Luminary body made from steel sheet, powder coated in white. Diffusers and optical systems in aluminum frame.



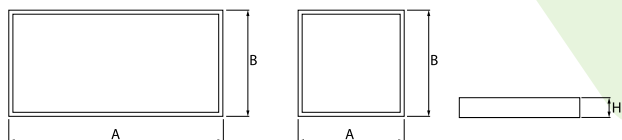
Dialysis station, hospital in Łomża



## Main parameters:

| Name                        | Luminous flux LED [lm] | Power of luminaire [W] | Color [K] | Dimensions A x B x H [mm]        |
|-----------------------------|------------------------|------------------------|-----------|----------------------------------|
| RUBIN CLEAN LED CRI95 3600  | 3917                   | 27,8                   | 4000      | 610 x 310 x 78                   |
| RUBIN CLEAN LED CRI95 5400  | 5875                   | 39,2                   | 4000      | 620 x 620 x 78                   |
| RUBIN CLEAN LED CRI95 7200  | 7833                   | 51,8                   | 4000      | 1210 x 310 x 78 / 620 x 620 x 78 |
| RUBIN CLEAN LED CRI95 9000  | 9791                   | 63,6                   | 4000      | 620 x 620 x 78                   |
| RUBIN CLEAN LED CRI95 10800 | 11750                  | 73,5                   | 4000      | 1220 x 620 x 78                  |
| RUBIN CLEAN LED CRI95 14400 | 15666                  | 102,5                  | 4000      | 1220 x 620 x 78                  |

## 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    | RAL 9016 (white)   |
| Diffuser | Micro-PRM (micro-prismatic diffuser PMMA)<br>Micro-PRM SH (micro-prismatic diffuser PMMA with hardened glass)<br>PLX (PMMA opal)<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: 13-12-2024