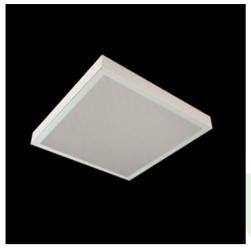


## Product: RUBIN CLEAN NO FRAME LED CRI95 10800 SHM E IP65 940 / 1200X600 Index: 19.3221.0010.34

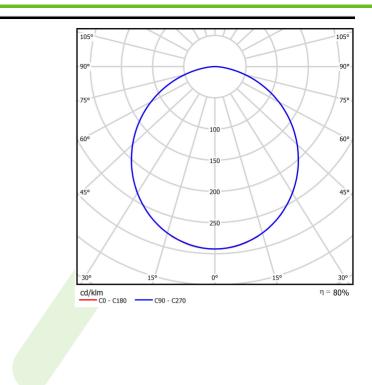


## Description

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). 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.

| Product information       | Category Clean luminaires CRI95  |
|---------------------------|--|
|                           | Family RUBIN CLEAN NO FRAME LED CRI95  |
|                           | Name RUBIN CLEAN NO FRAME LED CRI95 10800 SHM E IP65 940 / 1200X600  |
|                           | Index 19.3221.0010.34  |
|                           | $\overbrace{LED} \textcircled{} \end{array}$ |
| Light and electrical data | Light source LED   |
|                           | Luminous flux LED [Im] 11750   |
|                           | LED power [W] 72   |
|                           | Luminaire luminous flux [lm] 9458  |
|                           | Power of luminaire [W] 73,5  |
|                           | Luminaire's light efficiency [lm/W] 128,7  |
|                           | Color of the light [K] 4000  |
|                           | CRI >95  |
|                           | SDCM (LED sources) 3   |
|                           | Beam angle [°] (C0-C180) / (C90-C270) - 109,6° / 109,6°  |
|                           | Protection against electric shock  |
|                           | Protection degree IP65   |
|                           | Voltage 220240 V, 5060 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 standard on/off (E)   |
|                           | Power factor $\cos \varphi$ >0,95  |
|                           | Circuit load capacity 9 (B10), 15 (B16), 15 (C10), 24 (C16)  |
| Mechanical data           | Assembly surface mounted on ceiling  |
| В                         | Material steel sheet   |
|                           | Color white  |
|                           | Diffuser SHM (hardened mat glass)  |
|                           | t <sub>H</sub> Impact resistant IK08   |
|                           |  |

## A graph of light





Luminous flux tolerance +/- 10%. Power tolerance +/- 10%. Technical data may be changed. Photos of the luminaires may differ from reality. Date of last update: 23-12-2022