

Product: RUBIN CLEAN LED CRI95 9000 MICRO-PRM SH E IP65 34 940 / 620X620MM

Index: 19.4075.4541.34



## 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). 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. Diffusers and optical systems in aluminum frame.

## Product information

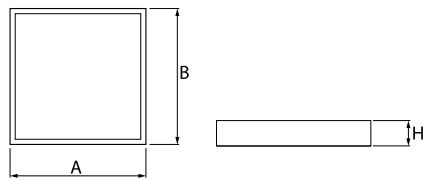
Category	Clean luminaires CRI95
Family	RUBIN CLEAN LED CRI95
Name	RUBIN CLEAN LED CRI95 9000 MICRO-PRM SH E IP65 34 940 / 620X620MM
Index	19.4075.4541.34
EAN	5902107109035



## Light and electrical data

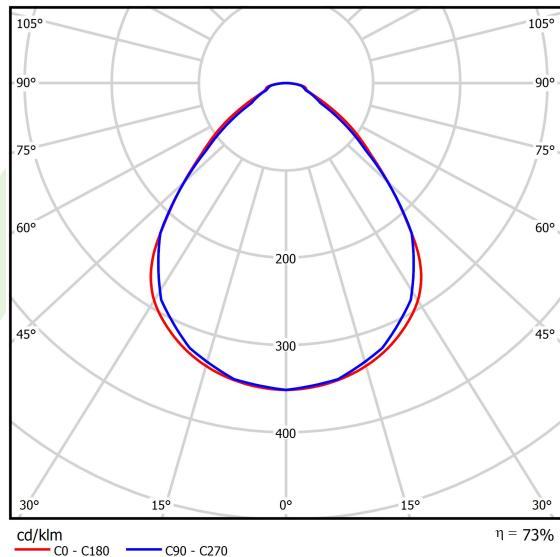
Light source	LED
Luminous flux LED [lm]	10355
LED power [W]	60,5
Luminaire luminous flux [lm]	7590
Power of luminaire [W]	67,8
Luminaire's light efficiency [lm/W]	111,9
Color of the light [K]	4000
CRI	>95
SDCM (LED sources)	3
Beam angle [°]	(C0-C180) / (C90-C270) - 89° / 89°
Photobiological risk class (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	16 (B10), 26 (B16), 23 (C10), 37 (C16)

## Mechanical data



Assembly	surface mounted on ceiling
Material	steel sheet
Color	RAL 9016 (white)
Diffuser	Micro-PRM SH (micro-prismatic diffuser PMMA with hardened glass)
Impact resistant	IK08
Weight [kg]	8,49
Dimensions [mm]	620 x 620 x 78

## A graph of light



$\eta = 73\%$