

Product: RUBIN CLEAN LED CRI95 10800 SHM EDD IP65 34 940 / 1220X620MM

Index: 19.4075.3643.34



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). Luminaire 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. Luminaire 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 10800 SHM EDD IP65 34 940 / 1220X620MM
Index	19.4075.3643.34
EAN	5902107203207



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	DIM DALI (EDD)
Power factor cos φ	>0,95
Circuit load capacity	7 (B10), 11 (B16), 11 (C10), 17 (C16)

Mechanical data



Assembly	surface mounted on ceiling
Material	steel sheet
Color	RAL 9016 (white)
Diffuser	SHM (hardened mat glass)
Impact resistant	IK08
Dimensions [mm]	1220 x 620 x 78

A graph of light



cd/klm
— C0 - C180 — C90 - C270

$\eta = 79\%$