

**Product:** RUBIN CLEAN CLASS 5-6 NO FRAME LED 13200 SHM E IP65 830 KRG3K / 1200X600

**Index:** 19.3230.0077.34



## Description

Luminaire dedicated for the clean rooms of increased cleanliness class ISO 5-6. Surface mounted luminaire equipped in highly efficient LED panels. Luminaire 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 luminaire body.

## Product information

Category	Clean Class 3-9
Family	RUBIN CLEAN CLASS 5-6 NO FRAME LED
Name	RUBIN CLEAN CLASS 5-6 NO FRAME LED 13200 SHM E IP65 830 KRG3K / 1200X600
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## Light and electrical data

Light source	LED
Luminous flux LED [lm]	13217
LED power [W]	70,2
Luminaire luminous flux [lm]	10937
Power of luminaire [W]	71,6
Luminaire's light efficiency [lm/W]	152,8
Color of the light [K]	3000
CRI	>80
SDCM (LED sources)	3
Beam angle [°]	(C0-C180) / (C90-C270) - 99,6° / 99,6°
Protection against electric shock	I
Protection degree	IP65
Voltage	220..240 V, 50..60 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 φ	>0,95
Circuit load capacity	8 (B10), 12 (B16), 13(C10), 21 (C16)

## Mechanical data



Assembly	surface mounted on ceiling
Material	steel sheet
Color	white
Diffuser	SHM (hardened mat glass)
Impact resistant	IK08
Dimensions [mm]	1174 x 574 x 69

## A graph of light

