





Visualization of the luminaire mounted in the ceiling

Characteristic

Protection degree IP for optical system and driver	IP 66
Insulation class	II
Voltage	220 - 240 V AC
Frequency	50/60 Hz
Operating temperature range	from -40°C to +40°C
Material	aluminium alloy, anodized
Colour	natural
Assembly	mounted in the ceiling
Optical system	ROSA PMMA lens
LEDs type	CREE XM-L2
Colour rendering index CRI	>75
Lifetime of L70 LEDs	>50 000h

Technical data

Luminaire	LIBRA LED 72		LIBRA LED 96		LIBRA LED 120		LIBRA LED 144	
Code	240135/6	240135/3	240137/6	240137/3	240139/6	240139/3	240141/6	240141/3
Colour temperature	5 000	3 500	5 000	3 500	5 000	3 500	5 000	3 500
LEDs power [W]	72		96		120		144	
Total luminaire power [W]	80		105		130		155	
Luminous efficiency [lm/W]	95	74	97	75	98	76	98	76
Luminous flux * [lm]	7 650	5 950	10 200	7 950	12 750	9 900	15 300	11 900
LEDs amount	24		32		40		48	
Net weight [kg]	7,7		9,3		10		11,2	
A— luminaire length [mm]	427		519		560		642	
B—Length of the hole in the ceiling [mm]	360		452		493		572	
Unit volume [m ³]	0,016		0,02		0,021		0,025	

* due to the precision class of diodes tolerance is +/- 3%

- Low Voltage Directive LVD 2006/95/WE, norm PN-EN 60598-1
- Directive EMC 2004/108/WE, norms: PN-EN 55015, PN-EN 61547, PN-EN 61000-3-2, PN-EN 61000-3-3

Distribution curve for LIBRA LED 120, 5000K

