

**Product:** ESSENCE LED 5500 PLX E 21 830 / L-1414MM

**Index:** 19.3081.0013.21



## Description

Luminary made from aluminum profile adapted to be mounted on suspensions, or directly on a solid ceiling construction. Its body made from anodized aluminum profil. There are two colors available: white (RAL9016) or grey (RAL9006). Its diffuser is made from white polymethyl methacrylate. Luminary to be used in offices, conference halls, all structures of public sectors.

## Product information

Category	Surface mounted luminaires
Family	ESSENCE LED
Name	ESSENCE LED 5500 PLX E 21 830 / L-1414MM
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## Light and electrical data

Light source	LED
Luminous flux LED [lm]	5526
LED power [W]	29
Luminaire luminous flux [lm]	3841
Power of luminaire [W]	30,5
Luminaire's light efficiency [lm/W]	125,9
Color of the light [K]	3000
CRI	>80
SDCM (LED sources)	3
Beam angle [°]	(C0-C180) / (C90-C270) - 96° / 74,6°
Photobiological risk class (IEC/EN 62471)	RG0
Protection against electric shock	I
Protection degree	IP20
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	30 (B10), 48 (B16), 43 (C10), 70 (C16)

Mechanical data



Assembly	directly mounted to ceiling construction or surface mounted on slings
Material	aluminum
Color	RAL 9006 (gray, metallic, fine structure)
Diffuser	PLX (PMMA opal)
Impact resistant	IK04
Weight [kg]	1,72
Dimensions [mm]	1414 x 36 x 63

A graph of light

