

**Product:** PATOS K90 LED 11700 PLX E 830

**Index:** 19.3029.3002.34



## Description

Nowadays architectural lighting should embody an irreproachable style and high quality of lighting parameters. A luminaire is expected to be exceptional in respect of its design – simple and elegant. Patos is designed for lighting galleries, museums, offices, clubs, restaurants and hotels; it gives any interior individual modern character. Fitting designed for suspended plasterboard ceilings, adapted to befit the ceiling surface. Body made of aluminium profile, prismatic diffuser with very good light transmission coefficient and light diffusion parameters. Mounting should take place before the ceiling surface is finished. After the finishing work of the ceiling is ended, the diffuser is installed.

## Product information

Category	Architectural luminaires
Family	PATOS K LED
Name	PATOS K90 LED 11700 PLX E 830
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## Light and electrical data

Light source	LED
Luminous flux LED [lm]	12141
LED power [W]	68
Luminaire luminous flux [lm]	8794
Power of luminaire [W]	77
Luminaire's light efficiency [lm/W]	114,2
Color of the light [K]	3000
CRI	>80
SDCM (LED sources)	3
Beam angle [°]	(C0-C180) / (C90-C270) - 112,8° / 113,8°
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	15 (B10), 24 (B16), 24(C10), 40 (C16)

## Mechanical data



Assembly	mounted in plasterboard ceilings
Material	steel sheet
Color	white
Diffuser	PLX (PMMA opal)
Impact resistant	IK04
Dimensions [mm]	925 x 925 x 151
Mounting hole [mm]	929 x 929

## A graph of light

