

Product: BERYL NEW LED K-1/L4 1800 PLX E 04 IP20/44 830 Index: 19.4031.9111.04

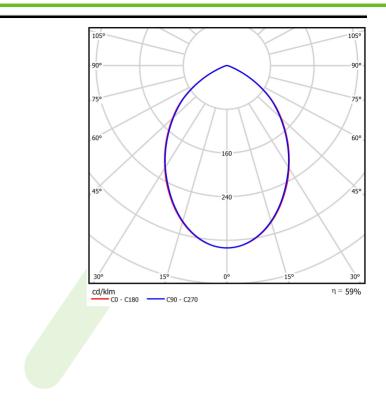


Description

Aluminum cast housing. This technology significantly increases possibility of application of particular luminaire due to lower ceiling load since additional cooling radiator is not required. Beryl New LED K has higher efficiency and efficiency than the previous version. Luminaire is dedicated for prestigious interiors such as hotels, banks and offices of higher standard. Owing to the newest components and renowned producers of LEDs applied it was possible to build such luminaires which save energy consumption comparing with traditional solutions. The luminaire has the ability to adjust the optics in two planes (in the vertical axis by 359° and to the left and right 15°). Note: the color of the frame and housing has a slightly different shade than the color of the inner reflector cover.

Product information	Category Recesse	Category Recessed luminaires	
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		EW LED K-1/L4 1800 PLX E 04 IP20/44 830	
	Index 19.4031.9	0111.04	
Light and electrical data	Light source	LED	
	Luminous flux LED [lm	8000	
	LED power [W]	45,2	
	Luminaire luminous flu	x [lm] 4737	
	Power of luminaire [W]	51,2	
	Luminaire's light efficie	ncy [lm/W] 92,5	
	Color of the light [K]	3000	
	CRI	85	
	SDCM (LED sources)	2	
	Beam angle [°]	(C0-C180) / (C90-C270) - 81,4° / 80,6°	
	Protection against elec	tric shock I	
	Protection degree	IP20/44	
	Voltage	220240 V, 5060 Hz	
	Lifetime of LED source	s [h] 83000 (1) / 100000 (2) / 100000 (3)	
	Lx/By	L90/B10 (1) / L80/B10 (2) / L70/B10 (3)	
	Operating temperature	e range [°C] 5 ÷ 30	
	Driver	standard on/off (E)	
	Power factor $\cos \phi$	>0,95	
	Circuit load capacity	19 (B10), 31 (B16), 32 (C10), 52 (C16)	
Mechanical data	Assembly	mounted in module ceilings, as well as plasterboard ceilings	
	Material	aluminum	
	" Color	RAL 9005 (black)	
	Diffuser	PLX (PMMA opal)	
	Impact resistant	IK04	
	Dimensions [mm]	472 x 119 x 99	
	Mounting hole [mm]	450 x 110	

A graph of light





Luminous flux tolerance +/- 10%. Power tolerance +/- 10%. Technical data may be changed. Photos of the luminaires may differ from reality. Date of last update: 23-12-2022