

## Product: BERYL NEW LED K-1/L4 1800 MICRO-PRM E 04 IP20/44 830 Index: 19.4031.8111.04

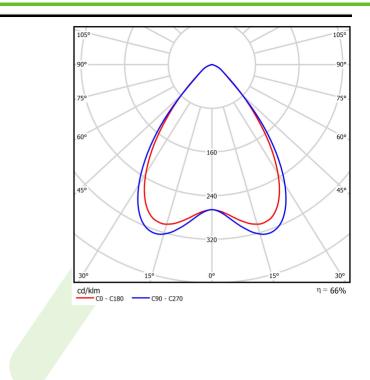


## Description

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 Recessed luminai	ires
	Family BERYL NEW LED K/L4	
	Name BERYL NEW LED I	K-1/L4 1800 MICRO-PRM E 04 IP20/44 830
	Index 19.4031.8111.04	
Light and electrical data	Light source	LED
	Luminous flux LED [lm]	8000
	LED power [W]	45,2
	Luminaire luminous flux [lm]	5298
	Power of luminaire [W]	51,2
	Luminaire's light efficiency [lm/	W] 103,5
	Color of the light [K]	3000
	CRI	85
	SDCM (LED sources)	2
	Beam angle [°]	(C0-C180) / (C90-C270) - 76,4° / 77,6°
	Protection against electric show	ck I
	Protection degree	IP20/44
	Voltage	220240 V, 5060 Hz
	Lifetime of LED sources [h]	83000 (1) / 100000 (2) / 100000 (3)
	Lx/By	L90/B10 (1) / L80/B10 (2) / L70/B10 (3)
	Operating temperature 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		mounted in module ceilings, as well as plasterboard ceilings
	Material	aluminum
	Color	RAL 9005 (black)
	Diffuser	Micro-PRM (micro-prismatic diffuser PMMA)
	Impact resistant	K04
	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: 24-01-2023