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## Product: BERYL NEW LED K-1/L3 1800 E IP20/44 33 840 Index: 19.4031.4121.33



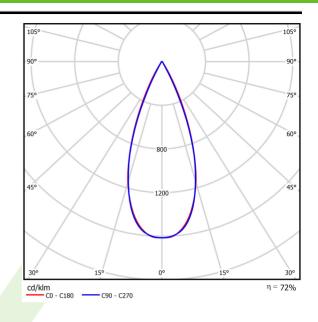
## Description

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/L3
		Name		
		Index	19.4031.4121.33	
		EAN	5902107199067	
Light and electrical data		Light source		LED
		Luminous flu	IX LED [lm]	6174
		LED power [	W]	33,9
		Luminaire lu	minous flux [lm]	4445
		Power of lum	ninaire [W]	38,4
		Luminaire's l	light efficiency [lm/W]	115,8
		Color of the	light [K]	4000
		CRI		85
		SDCM (LED	sources)	2
		Beam angle	[°]	(C0-C180) / (C90-C270) - 40,8° / 40,4°
		Protection a	gainst electric shock	I
		Protection de	egree	IP20/44
		Voltage		220240 V, 5060 Hz
		Lifetime of L	ED sources [h]	83000 (1) / 100000 (2) / 100000 (3)
		Lx/By		L90/B10 (1) / L80/B10 (2) / L70/B10 (3)
		Operating te	mperature range [°C	5 ÷ 30
		Driver		standard on/off (E)
		Power factor	cos φ	>0,95
		Circuit load o	capacity	22 (B10), 35 (B16), 37 (C10), 59 (C16)
Mechanical data		Assembly mounted in module ceilings, as well as plasterboard ceilings		
		Material	alu	minum
( ) ( ) ( ) ( )   ( )     B	н	Color	RA	L 9010 (white)

ASSEMDIY	plasterboard ceilings
Material	aluminum
Color	RAL 9010 (white)
Diffuser	transparent PMMA
Impact resistant	IK04
Dimensions [mm]	353 x 119 x 99
Mounting hole [mm]	330 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: 22-08-2025