

## Product: BERYL NEW LED K-2/L2 3600 MICRO-PRM E IP20/44 04 840 Index: 19.4032.2221.04



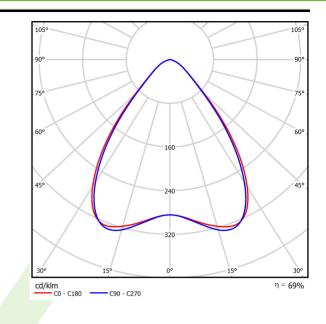
## Description

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 lumina	ires	
		Family	BERYL NEW LED		
		Name BERYL NEW LED K-2/L2 3600 MICRO-PRM E IP20/44 04 840			
		Index	19.4032.2221.04		
		EAN	5902107270964		
			CE		
Light and electrical data		Light sour	се	LED	
		Luminous	flux LED [lm]	8610	
		LED powe	er [W]	45	
		Luminaire luminous flux [lm]		5919	
		Power of	luminaire [W]	51	
		Luminaire	s light efficiency [Im	/W] 116,1	
		Color of the	ne light [K]	4000	
		CRI		80	
		SDCM (LE	ED sources)	2	
		Beam ang	gle [°]	(C0-C180) / (C90-C270) - 79,4° / 77,4°	
		Protection	n against electric sho	ck I	
		Protection degree		IP20/44	
		Voltage		220240 V, 5060 Hz	
		Lifetime of LED sources [h]		86000 (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 fac	ctor cos φ	>0,95	
		Circuit loa	d capacity	19 (B10), 31 (B16), 32 (C10), 52 (C16)	
Mechanical data		Assembly		mounted in module ceilings, as well as plasterboard ceilings	
		Material		aluminum	
		Color		DAL 0005 (block)	

, ocombry	plasterboard ceilings
Material	aluminum
Color	RAL 9005 (black)
Diffuser	Micro-PRM (micro-prismatic diffuser PMMA)
Impact resistant	IK04
Dimensions [mm]	326 x 164 x 137
Mounting hole [mm]	310 x 152

## 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: 09-09-2025