

## Product: BERYL NEW LED K-1/L4 1800 PLX EDD 33 IP20/44 840 Index: 19.4031.9123.33

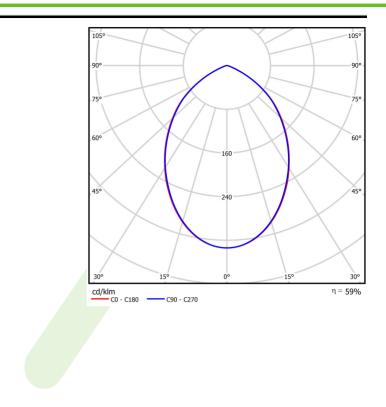


## Description

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 lumin	airae	
	Family	BERYL NEW LED K/L4		
	Name		D K-1/L4 1800 PLX EDD 33 IP20/44 840	
	Index	19.4031.9123.33	-1/L4 1000 PLX EDD 33 IP20/44 040	
	Index	19.4031.9123.33		
		CE		
Light and electrical data	Light sour	се	LED	
•	Luminous	flux LED [lm]	8232	
	LED powe	er [W]	45,2	
	Luminaire	luminous flux [lm]	4874	
	Power of	luminaire [W]	51,2	
	Luminaire	s light efficiency [In	n/W] 95,2	
	Color of the	ne light [K]	4000	
	CRI		85	
	SDCM (LI	ED sources)	2	
	Beam ang	gle [°]	(C0-C180) / (C90-C270) - 81,4° / 80,6°	
	Protection	against electric sho	ock I	
	Protection	n degree	IP20/44	
	Voltage		220240 V, 5060 Hz	
	Lifetime o	f LED sources [h]	83000 (1) / 100000 (2) / 100000 (3)	
	Lx/By		L90/B10 (1) / L80/B10 (2) / L70/B10 (3)	
	Operating	temperature range	e [°C] 5 ÷ 30	
	Driver		DIM DALI (EDD)	
	Power fac	ctor cos φ	>0,95	
	Circuit loa	d capacity	12 (B10), 20 (B16), 20 (C10), 32 (C16)	
Mechanical data	Assembly		mounted in module ceilings, as well as plasterboard ceilings	
	Material		aluminum	
	<sup>+</sup> Color		RAL 9010 (white)	
	Diffuser		PLX (PMMA opal)	
	Impact re	sistant	IK04	
	Dimensio	ns [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