

Product: BERYL NEW LED K-1 1800 PLX EDD 04 IP20/44 830 Index: 19.4030.3113.04

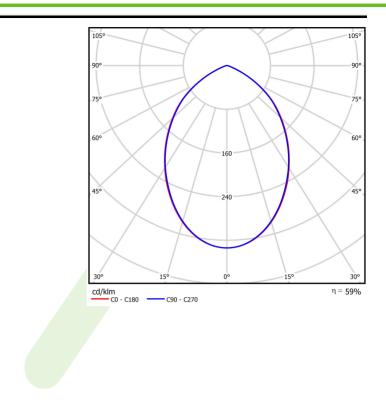


Description

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 luminaires		
	Family	FamilyBERYL NEW LED KNameBERYL NEW LED K-1 1800 PLX EDD 04 IP20/44 830	
	Name		
	Index 19.4030.3113.0		04
		CE	
Light and electrical data	Light sourc	е	LED
	Luminous f	lux LED [lm]	2000
	LED power	[W]	11,3
	Luminaire I	uminous flux [lm]	1184
	Power of lu	minaire [W]	12,8
		light efficiency [Im	/W] 92,5
	Color of the		3000
	CRI	0 1 1	85
	SDCM (LEI	O sources)	2
	Beam angle		(C0-C180) / (C90-C270) - 81,4° / 80,6°
		against electric sho	
	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]		[°C] 5÷30
	Driver		DIM DALI (EDD)
	Power facto	or cos φ	>0,95
	Circuit load	capacity	80 (B10), 130 (B16), 100 (C10), 160 (C16)
Mechanical data	Assembly		mounted in module ceilings, as well as plasterboard ceilings
	Material		aluminum
	Color		RAL 9005 (black)
	Diffuser		PLX (PMMA opal)
	Impact resi		IK04
	Weight [kg]		0,53
	Dimensions		115 x 115 x 98
	Mounting h		108 × 108
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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