

Product: BERYL NEW LED K-1 1800 MICRO-PRM EDD IP20/44 04 840 Index: 19.4030.2123.04



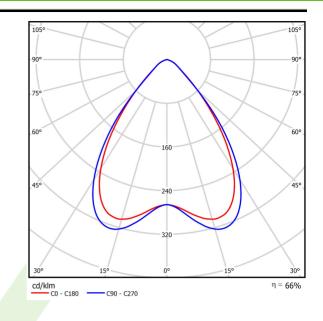
Description

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	К
	Name	Name BERYL NEW LED K-1 1800 MICRO-PRM EDD IP20/44 04 840	
	Index	19.4030.2123.04	
	EAN	5902107267407	
		CE	
Light and electrical data	Light source	се	LED
	Luminous	flux LED [lm]	2058
	LED powe	r [W]	11,3
	Luminaire luminous flux [lm]		1363
	Power of lu	uminaire [W]	12,8
	Luminaire's light efficiency [lm/W]		/W] 106,5
	Color of th	e light [K]	4000
	CRI		85
	SDCM (LED sources)		2
	Beam angle [°]		(C0-C180) / (C90-C270) - 76,4° / 77,6°
	Protection against electric shock		ck II
	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 factor cos φ		>0,95
	Circuit load	d capacity	80 (B10), 130 (B16), 100 (C10), 160 (C16)
Mechanical data	Assembly mounted in module ceilings, as well plasterboard ceilings		mounted in module ceilings, as well as plasterboard ceilings
	Material		aluminum
	Color		RAL 9005 (black)

	plasterboard centifys
Material	aluminum
Color	RAL 9005 (black)
Diffuser	Micro-PRM (micro-prismatic diffuser PMMA)
Impact resistant	IK04
Dimensions [mm]	115 x 115 x 98
Mounting hole [mm]	108 × 108

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