

## Product: BERYL NEW LED K-1/S4 1800 MICRO-PRM EDD 33 IP20/44 840 Index: 19.4033.2123.33

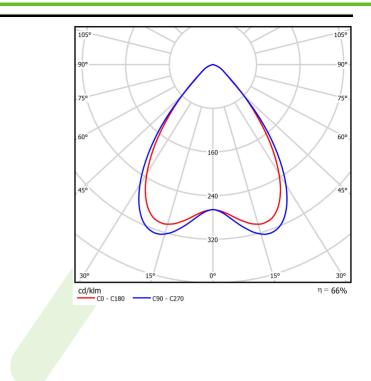


## Description

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 luminaire	
	Family BERYL NEW LED K/	
		-1/S4 1800 MICRO-PRM EDD 33 IP20/44 840
	Index 19.4033.2123.33	
Light and electrical data	Light source	LED
	Luminous flux LED [lm]	8232
	LED power [W]	45,2
	Luminaire luminous flux [lm]	5452
	Power of luminaire [W]	51,2
	Luminaire's light efficiency [lm/W	V] <b>106,5</b>
	Color of the light [K]	4000
	CRI	85
	SDCM (LED sources)	2
	Beam angle [°]	(C0-C180) / (C90-C270) - 76,4° / 77,6°
	Protection against electric shock	k I
	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] 5÷30
	Driver	DIM DALI (EDD)
	Power factor $\cos \phi$	>0,95
	Circuit load capacity	12 (B10), 20 (B16), 20 (C10), 32 (C16)
Mechanical data		ounted in module ceilings, as well as lasterboard ceilings
	Material al	luminum
		AL 9010 (white)
	Color R	AL 9010 (WIIILE)
		licro-PRM (micro-prismatic diffuser PMMA)
	Diffuser M	
	Diffuser M Impact resistant IK	licro-PRM (micro-prismatic diffuser PMMA)

## 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