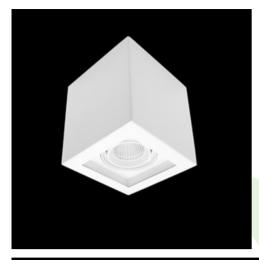


## Product: BERYL SURFACE NEW LED K-1 1800 MICRO-PRM EDD 34 830 Index: 19.4037.2113.34

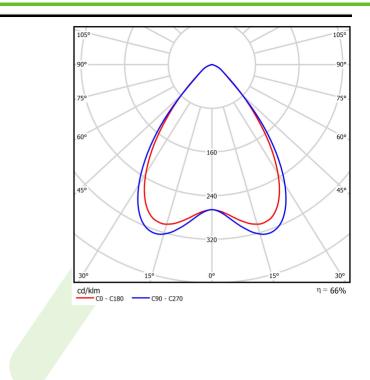


## Description

Downlight surface mounted luminaire made of cast aluminum. 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 Surface mounted	luminaires	
	Family BERYL SURFACE	Family BERYL SURFACE NEW LED K	
	Name BERYL SURFACE	NEW LED K-1 1800 MICRO-PRM EDD 34 830	
	Index 19.4037.2113.34		
	$\overbrace{LED} ( \overbrace{ED} ) ( \mathsf{$		
Light and electrical data	Light source	LED	
	Luminous flux LED [lm]	2000	
	LED power [W]	11,3	
	Luminaire luminous flux [lm]	1325	
	Power of luminaire [W]	12,8	
	Luminaire's light efficiency [Im	/W] 103,5	
	Color of the light [K]	3000	
	CRI	85	
	SDCM (LED sources)	2	
	Beam angle [°]	(C0-C180) / (C90-C270) - 76,4° / 77,6°	
	Protection against electric sho	ock I	
	Protection degree	IP20	
	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	80 (B10), 130 (B16), 100 (C10), 160 (C16)	
Mechanical data	Assembly	surface mounted on ceiling	
	Material	aluminum	
	Color	RAL 9016 (white)	
	Diffuser	Micro-PRM (micro-prismatic diffuser PMMA)	
	Impact resistant	IK04	
	Weight [kg]	1,47	
	Dimensions [mm]	130 x 130 x 154	

## 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: 24-01-2023