

Product: BERYL NEW LED K-1/L2 1800 PLX EDD 33 IP20/44 840 Index: 19.4031.3123.33

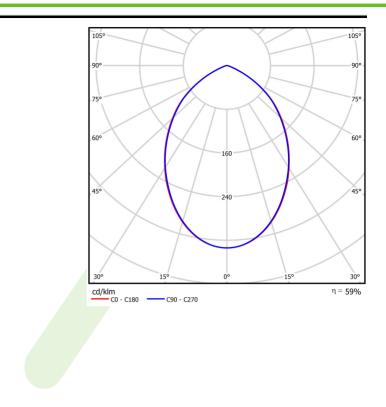


Description

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	luminaires	
	Family BERYL NE	W LED K/L2	
	Name BERYL NE	Name BERYL NEW LED K-1/L2 1800 PLX EDD 33 IP20/44 840	
	Index 19.4031.31	.23.33	
Light and electrical data	Light source	LED	
	Luminous flux LED [lm]	4116	
	LED power [W]	22,6	
	Luminaire luminous flux	([Im] 2437	
	Power of luminaire [W]	25,6	
	Luminaire's light efficien		
	Color of the light [K]	4000	
	CRI	85	
	SDCM (LED sources)	2	
	Beam angle [°]	(C0-C180) / (C90-C270) - 81,4° / 80,6°	
	Protection against elect	ric shock I	
	Protection degree	IP20/44	
	Voltage	220240 V, 5060 Hz	
	Lifetime of LED sources	s [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	50 (B10), 80 (B16), 61 (C10), 98 (C16)	
Mechanical data	Assembly	mounted in module ceilings, as well as plasterboard ceilings	
	Material	aluminum	
	Color	RAL 9010 (white)	
	COIOI		
	Diffuser	PLX (PMMA opal)	
	Diffuser		
		PLX (PMMA opal)	

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