

Product: BERYL NEW LED K-1 1800 PLX EDD 33 IP20/44 830 Index: 19.4030.3113.33

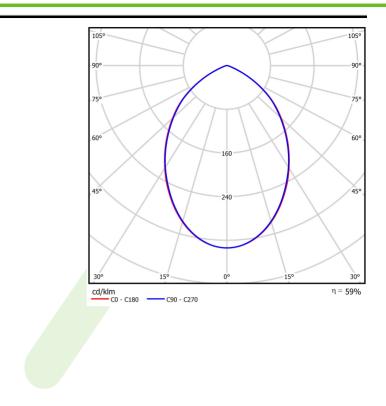


Description

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.

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Product information	Category Recessed luminaires		
	,	Family BERYL NEW LED K	
		L NEW LED K-1 1800 PLX EDD 33 IP20/44 830	
	Index 19.40	30.3113.33	
Light and electrical data	Light source	LED	
	Luminous flux LED	[lm] 2000	
	LED power [W]	11,3	
	Luminaire luminou	s flux [lm] 1184	
	Power of luminaire	[W] 12,8	
	Luminaire's light ef	ficiency [Im/W] 92,5	
	Color of the light [K	3000	
	CRI	85	
	SDCM (LED source	es) 2	
	Beam angle [°]	(C0-C180) / (C90-C270) - 81,4° / 80,6°	
	Protection against	electric shock II	
	Protection degree	IP20/44	
	Voltage	220240 V, 5060 Hz	
	Lifetime of LED sou	urces [h] 83000 (1) / 100000 (2) / 100000 (3)	
	Lx/By	L90/B10 (1) / L80/B10 (2) / L70/B10 (3)	
	Operating tempera	ture range [°C] 5 ÷ 30	
	Driver	DIM DALI (EDD)	
	Power factor cos φ	>0,95	
	Circuit load capacit	y 80 (B10), 130 (B16), 100 (C10), 160 (C16)	
Mechanical data	Assembly	mounted in module ceilings, as well as plasterboard ceilings	
	Material	aluminum	
	Color	RAL 9010 (white)	
	Diffuser	PLX (PMMA opal)	
	Impact resistant	IK04	
	Weight [kg]	0,53	
	Dimensions [mm]	115 x 115 x 98	
	Mounting hole [mm	108 x 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: 24-01-2023