

Product: BERYL NEW LED K-1/L4 1800 E IP20/44 33 840 Index: 19.4031.7121.33



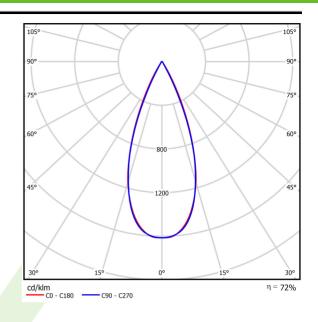
Description

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 Reces	sed luminaires	
		BERYL NEW LED K/L4	
	Name BERYL	NEW LED K-1/L4 1800 E IP20/44 33 840	
	Index 19.403	1.7121.33	
	EAN 590210	07199074	
Light and electrical data	Light source	LED	
	Luminous flux LED [In	m] 8232	
	LED power [W]	45,2	
	Luminaire luminous f	lux [lm] 5926	
	Power of luminaire [V	V] 51,2	
	Luminaire's light effic	iency [lm/W] 115,7	
	Color of the light [K]	4000	
	CRI	85	
	SDCM (LED sources)) 2	
	Beam angle [°]	(C0-C180) / (C90-C270) - 40,8° / 40,4°	
	Protection against ele	ectric shock I	
	Protection degree	IP20/44	
	Voltage	220240 V, 5060 Hz	
	Lifetime of LED source	ces [h] 83000 (1) / 100000 (2) / 100000 (3)	
	Lx/By	L90/B10 (1) / L80/B10 (2) / L70/B10 (3)	
	Operating temperatu	re range [°C] 5 ÷ 30	
	Driver	standard on/off (E)	
	Power factor $\cos \phi$	>0,95	
	Circuit load capacity	19 (B10), 31 (B16), 32 (C10), 52 (C16)	
Mechanical data	Assembly	sembly mounted in module ceilings, as well as plasterboard ceilings	
	Material	aluminum	
	⁺ Color	RAL 9010 (white)	
	Diffuser	transparent PMMA	

Assembly	plasterboard ceilings	
Material	aluminum	
Color	RAL 9010 (white)	
Diffuser	transparent PMMA	
Impact resistant	IK04	
Weight [kg]	2,75	
Dimensions [mm]	472 x 119 x 99	
Mounting hole [mm]	450 x 110	

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: 22-08-2025