

Product: BERYL NEW LED K-1/L3 1800 EDD 04 IP20/44 840 Index: 19.4031.4123.04

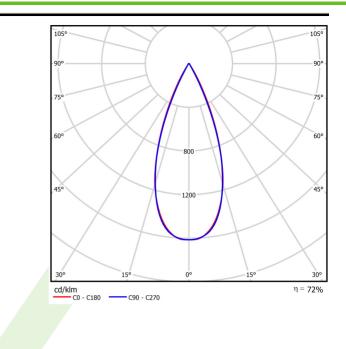


Description

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 luminai	res
	Family		
	Name	BERYL NEW LED	K-1/L3 1800 EDD 04 IP20/44 840
	Index	19.4031.4123.04	
Light and electrical data	Light source	9	LED
	Luminous fl	ux LED [lm]	6174
	LED power	[W]	33,9
	Luminaire Iu	uminous flux [lm]	4445
	Power of lur	minaire [W]	38,4
	Luminaire's	light efficiency [lm/W] 115,8
	Color of the	light [K]	4000
	CRI		85
	SDCM (LED	sources)	2
	Beam angle	e [°]	(C0-C180) / (C90-C270) - 40,8° / 40,4°
	Protection a	gainst electric shock	I
	Protection d	legree	IP20/44
	Voltage		220240 V, 5060 Hz
	Lifetime of L	ED sources [h]	83000 (1) / 100000 (2) / 100000 (3)
	Lx/By		L90/B10 (1) / L80/B10 (2) / L70/B10 (3)
	Operating te	emperature range [°C	C] 5 ÷ 30
	Driver		DIM DALI (EDD)
	Power facto	r cos φ	>0,95
	Circuit load	capacity	20 (B10), 30 (B16), 32 (C10), 52 (C16)
Mechanical data	Assembly		ounted in module ceilings, as well as asterboard ceilings
	Material	alı	uminum
	Color	RA	AL 9005 (black)
	Color Diffuser		AL 9005 (black) Insparent PMMA
		tra	Insparent PMMA
	Diffuser	tra stant IK	Insparent 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: 24-01-2023