

## Product: BERYL NEW LED K-1 1800 E 33 IP20/44 830 Index: 19.4030.1111.33

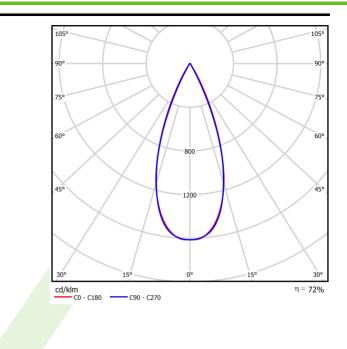


## Description

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 NEW LED K		
	Name	BERYL NEW LED K-1 1800 E 33 IP20/44	830	
	Index	19.4030.1111.33		
Light and electrical data	Light source	LED		
	Luminous flux	LED [lm] 2000		
	LED power [\	/] 11,3		
	Luminaire lur	ninous flux [lm] 1440		
	Power of lum	naire [W] <b>12,8</b>		
	Luminaire's li	ght efficiency [lm/W] 112,5		
	Color of the l	ght [K] <b>3000</b>		
	CRI	85		
	SDCM (LED	sources) 2		
	Beam angle	°] (C0-C180) / (C90-C	270) - 40,8° / 40,4°	
	Protection ag	ainst electric shock II		
	Protection de	gree IP20/44		
	Voltage	220240 V, 5060 F	łz	
	Lifetime of LE	D sources [h] 83000 (1) / 100000	83000 (1) / 100000 (2) / 100000 (3)	
	Lx/By	L90/B10 (1) / L80/B	L90/B10 (1) / L80/B10 (2) / L70/B10 (3)	
	Operating ter	nperature range [°C] 5 ÷ 30		
	Driver	standard on/off (E	)	
	Power factor	cos φ >0,95		
	Circuit load c	apacity 61 (B10), 98 (B16),	102 (C10), 164 (C16)	
Mechanical data	Assembly	mounted in module ceilir plasterboard ceilings	mounted in module ceilings, as well as plasterboard ceilings	
	Material	aluminum		
	Color	RAL 9010 (white)	_ 9010 (white)	
	Diffuser	transparent PMMA	transparent PMMA	
	Impact resist	ant IK04	1	
A	Weight [kg]	0,52		
··	Dimensions [	nm] <b>115 x 115 x 98</b>		
	Mounting hol	e [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: 23-12-2022