

## Product: BERYL NEW LED K-1 1800 E 33 IP20/44 840 Index: 19.4030.1121.33

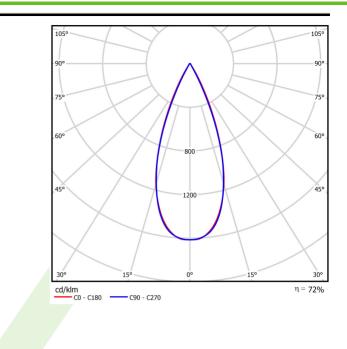


## Description

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 IP20/44 840
	Index	19.4030.1121.33
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Light and electrical data	Light source	e LED
3	Luminous flu	ux LED [lm] 2058
	LED power [\	[W] 11,3
	Luminaire lur	umin <mark>ous flux [lm] 1482</mark>
	Power of lum	minaire [W] 12,8
	Luminaire's li	light efficiency [lm/W] 115,8
	Color of the I	light [K] 4000
	CRI	85
	SDCM (LED	o sources) 2
	Beam angle	e [°] (C0-C180) / (C90-C270) - 40,8° / 40,4°
	Protection ag	against electric shock II
	Protection de	legree IP20/44
	Voltage	220240 V, 5060 Hz
	Lifetime of LE	ED sources [h] 83000 (1) / 100000 (2) / 100000 (3)
	Lx/By	L90/B10 (1) / L80/B10 (2) / L70/B10 (3)
	Operating ter	emperature range [°C] 5 ÷ 30
	Driver	standard on/off (E)
	Power factor	r cos φ <b>&gt;0,95</b>
	Circuit load c	capacity 61 (B10), 98 (B16), 102 (C10), 164 (C16)
Mechanical data	Assembly	mounted in module ceilings, as well as plasterboard ceilings
	Material	aluminum
В	Color	RAL 9010 (white)
	Diffuser	transparent PMMA
	Impact resist	stant IK04
A	Weight [kg]	0,52
	Dimensions [	[mm] 115 x 115 x 98
	Mounting hol	ble [mm] <b>108 x 108</b>

## 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