

## Product: BERYL NEW LED K-1 1800 E 04 IP20/44 840 Index: 19.4030.1121.04

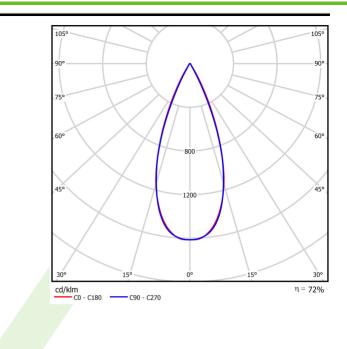


## Description

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 luminaires	
	Family	BERYL NEW LED K	
	Name	BERYL NEW LED	K-1 1800 E 04 IP20/44 840
	Index	19.4030.1121.04	
Light and electrical data	Light source		LED
	Luminous flux	x LED [lm]	2058
	LED power [\	N]	11,3
	Luminaire luminous flux [lm] Power of luminaire [W] Luminaire's light efficiency [lm/W] Color of the light [K] CRI SDCM (LED sources)		1482
			12,8
			115,8
			4000
			85
			2
Beam angle [°]		[°]	(C0-C180) / (C90-C270) - 40,8° / 40,4°
	Protection against electric sho		II
	Protection de	gree	IP20/44
	Voltage		220240 V, 5060 Hz
Lifetime		ED sources [h]	83000 (1) / 100000 (2) / 100000 (3)
	Lx/By		L90/B10 (1) / L80/B10 (2) / L70/B10 (3)
	Operating temperature range [°C] Driver		] 5÷30
			standard on/off (E)
Power factor cos $\phi$		>0,95	
	Circuit load capacity		61 (B10), 98 (B16), 102 (C10), 164 (C16)
Mechanical data	Assembly		unted in module ceilings, as well as sterboard ceilings
	Material	alu	minum
	Color	RA	L 9005 (black)
	Diffuser	tra	nsparent PMMA
	Impact resist	ant IKO	4
	Weight [kg]	0,5	3
, <del></del> -	Dimensions [	mm] <b>11</b> 5	5 x 115 x 98
	Mounting hol	e [mm] <b>10</b> 8	3 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