

## Product: BERYL NEW LED COMPACT O-2 2400 PLX E 33 IP20/44 840 Index: 19.3238.0008.33

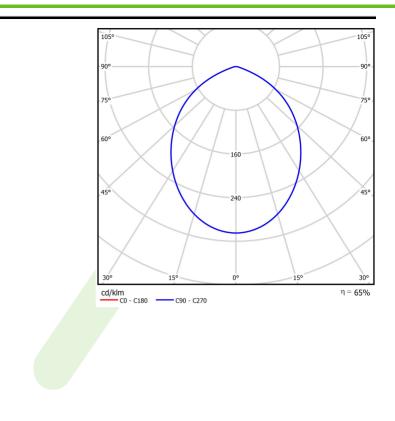


## Description

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 O 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.

Product information	Category Compact	
	Family BERYL NEW L	ED COMPACT
	Name BERYL NEW L	ED COMPACT O-2 2400 PLX E 33 IP20/44 840
	Index 19.3238.0008.3	33
	CE	
Light and electrical data	Light source	LED
3	Luminous flux LED [lm]	3108
	LED power [W]	16,2
	Luminaire luminous flux [In	n] <b>2006</b>
	Power of luminaire [W]	18,4
	Luminaire's light efficiency	[lm/W] 109
	Color of the light [K]	4000
	CRI	>80
	SDCM (LED sources)	3
	Beam angle [°]	(C0-C180) / (C90-C270) - 93,4° / 93,4°
	Protection against electric	shock II
	Protection degree	IP20/44
	Voltage	220240 V, 5060 Hz
	Lifetime of LED sources [h	] 91000 (1) / 100000 (2) / 100000 (3)
	Lx/By	L90/B10 (1) / L80/B10 (2) / L70/B10 (3)
	Operating temperature rar	nge [°C] 5 ÷ 30
	Driver	standard on/off (E)
	Power factor $\cos \phi$	>0,95
	Circuit load capacity	29 (B10), 47 (B16), 49 (C10), 79 (C16)
Mechanical data	Assembly	mounted in module ceilings, as well as plasterboard ceilings
	Material	aluminum
	Color	RAL 9010 (white)
	Diffuser	PLX (PMMA opal)
	Impact resistant	IK04
	Weight [kg]	0,95
	Dimensions [mm]	Ø165 x 100
	Mounting hole [mm]	Ø140

## 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