

## Product: BERYL NEW LED COMPACT O-1 1600 E 33 IP20/44 830 Index: 19.3238.0001.33

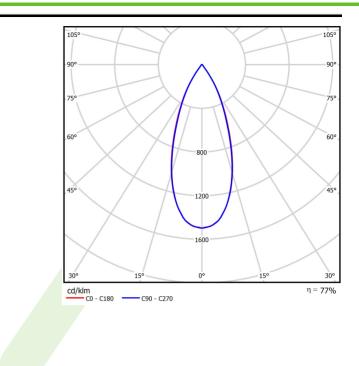


## Description

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	Name BERYL NEW L	ED COMPACT ED COMPACT O-1 1600 E 33 IP20/44 830
	Index 19.3238.0001.	$\begin{array}{c} 33\\ \hline \square \\ \blacksquare \end{array} \end{array} \begin{array}{c} 1920\\ \hline P44 \end{array} \end{array} \begin{array}{c} \hline \\ \hline $
Light and electrical data	Light source	LED
3	Luminous flux LED [lm]	2000
	LED power [W]	11,3
	Luminaire luminous flux [lm	] 1550
	Power of luminaire [W]	12,8
	Luminaire's light efficiency	[lm/W] <b>121,1</b>
	Color of the light [K]	3000
	CRI	>80
	SDCM (LED sources)	3
	Beam angle [°]	(C0-C180) / (C90-C270) - 41° / 40,4°
	Protection against electric s	shock II
	Protection degree	IP20/44
	Voltage	220240 V, 5060 Hz
	Lifetime of LED sources [h]	83000 (1) / 100000 (2) / 100000 (3)
	Lx/By	L90/B10 (1) / L80/B10 (2) / L70/B10 (3)
	Operating temperature ran	ge [°C] 5 ÷ 30
	Driver	standard on/off (E)
	Power factor $\cos \phi$	>0,95
	Circuit load capacity	61 (B10), 98 (B16), 102 (C10), 164 (C16)
Mechanical data	Assembly	mounted in module ceilings, as well as plasterboard ceilings
	Material	aluminum
	Color	RAL 9010 (white)
(())	Diffuser	transparent PMMA
	Impact resistant	IK04
	Dimensions [mm]	Ø100 x 75
	Mounting hole [mm]	Ø85

## 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