

Product: [O]BERYL NEW LED O-1 1000x50% E 21 IP20/65 827 / BASEN**Index:** 19.3052.1108.21

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. Luminaire designed for use in swimming pools. 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	Recessed luminaires
Family	BERYL NEW LED O IP20/65 BASEN
Name	[O]BERYL NEW LED O-1 1000x50% E 21 IP20/65 827 / BASEN
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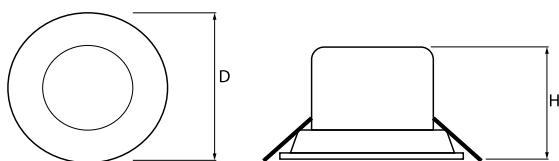
Pictograms



Light and electrical data

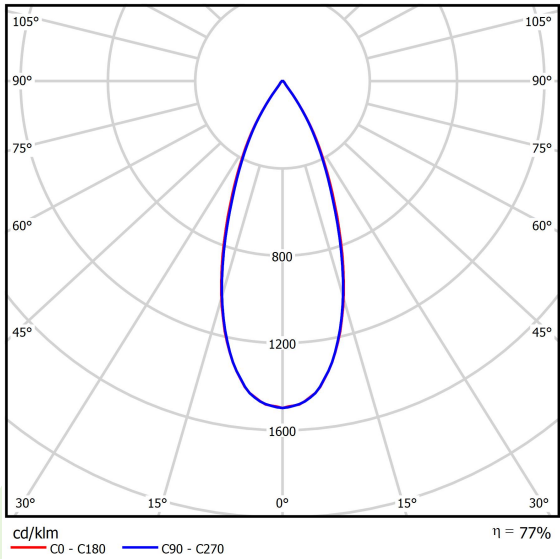
Light source	LED
Luminous flux LED [lm]	611,5
LED power [W]	4,2
Luminaire luminous flux [lm]	473,9
Power of luminaire [W]	4,9
Light efficiency [lm/W]	96,7
Color of the light [K]	2700
CRI	85
SDCM	2
Beam angle [°]	(C0-C180) / (C90-C270) - 41° / 40,4°
Photobiological risk class	RG0
Protection against electric shock	II
Protection degree	IP20/65
Voltage	220..240 V, 50..60 Hz
Lifetime of LED sources [h]	88000 (1) / 100000 (2) / 100000 (3)
Lx/By	L90/B10 (1) / L80/B10 (2) / L70/B10 (3)
Operating temperature range [° C]	5 ÷ 30
Driver	standard on/off (E)
Power factor cos φ	>0,95

Mechanical data



Assembly	mounted in module ceilings, as well as plasterboard ceilings
Material	aluminum
Color	RAL 9006 (grey)
Diffuser	transparent PMMA
Impact resistant	IK04
Dimensions D x H [mm]	Ø100 x 75
Mounting hole [mm]	Ø85

A graph of light



Note: The power shown refers to the whole system (tolerance +/- 10%). Power tolerance +/- 10%. Specifications are subject to change. Pictures of the luminaires may differ from reality. Date of last update: 26.09.2023