

Product: BERYL NEW LED O-2 1800 MICRO-PRM EDD IP20/44 33 827-865 Index: 19.4034.5153.33

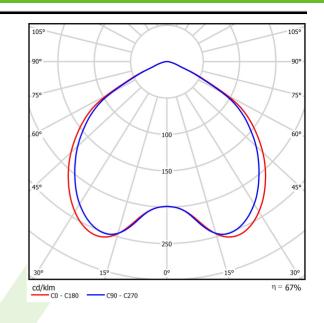


Description

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. 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. LED modules adjusted to regulate the color temperature of light in the range from 2700 K to 6500 K.

Product information	Category Recessed lumina Family BERYL NEW LED Name BERYL NEW LED Index 19.4034.5153.33 EAN 5902107199319	
Light and electrical data	Light source Luminous flux LED [Im] LED power [W]	LED 1942÷1995 (2450÷7000) 14
	Luminaire luminous flux [lm] Power of luminaire [W] Luminaire's light efficiency [lr Color of the light [K]	1292÷1328 (2450÷7000) 16 m/W] 81÷83 (2450÷7000) 2450 ÷ 7000
	CRI Beam angle [°]	>85 (C0-C180) / (C90-C270) - 113,2° / 110,8°
	Protection against electric sh	ock II IP20/44
	Protection degree Voltage	220240 V, 5060 Hz
	Lifetime of LED sources [h]	95000 (1) / 100000 (2) / 100000 (3)
	Lifetime of LLD sources [h]	L90/B10 (1) / L80/B10 (2) / L70/B10 (3)
	Operating temperature range	
	Driver	DIM DALI (EDD)
	Power factor cos φ	>0,95
	Circuit load capacity	27 (B10), 43 (B16), 43 (C10), 73 (C16)
Mechanical data	Assembly	mounted in module ceilings, as well as plasterboard ceilings
	Material	aluminum
	Color	RAL 9010 (white)
	Diffuser	Micro-PRM (micro-prismatic diffuser PMMA)
	Impact resistant	IK04
	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: 22-08-2025