

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



Description

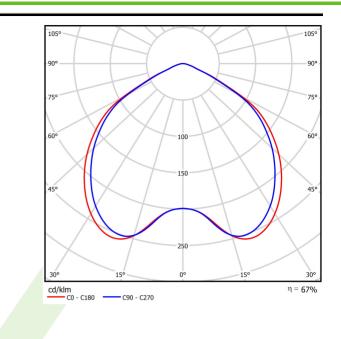
Aluminum cast housing. This technology significantly increases possibility of application of particular luminaire due to lower ceiling load since additional cooling radiator is not required. Luminaire is dedicated for prestigious interiors such as hotels, banks and offices of higher standard. Owing to 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 luminaires		
		Family BERYL NEW LED O IP20/44 Name BERYL NEW LED O-2 1800 MICRO-PRM EDD 33 IP20/44 / TUNABLE WHITE	
	Index 19.4034.5153.33		
	CE		
Light and electrical data	Light source	LED	
	Luminous flux LED [lm]	1942÷1995 (2450÷7000)	
	LED power [W]	14	
	Luminaire luminous flux [lm]	1292÷1328 (2450÷7000)	
	Power of luminaire [W]	16	
	Luminaire's light efficiency [Im	n/W] 81÷83 (2450÷7000)	
	Color of the light [K]	2450 ÷ 7000	
	CRI	>85	
	SDCM (LED sources)	4	
	Beam angle [°]	(C0-C180) / (C90-C270) - 113,2° / 110,8°	
	Protection against electric sho	ock II	
	Protection degree	IP20/44	
	Voltage	220240 V, 5060 Hz	
	Lifetime of LED sources [h]	95000 (1) / 100000 (2) / 100000 (3)	
	Lx/By	L90/B10 (1) / L80/B10 (2) / L70/B10 (3)	
	Operating temperature range	e [°C] 5 ÷ 30	
	Driver	DIM DALI (EDD)	
	Power factor $\cos \phi$	>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)	
	н Diffuser	Micro-PRM (micro-prismatic diffuser PMMA)	
	Impact resistant	IK04	
	inpaor reolotant		

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: 24-01-2023