

## Product: BERYL NEW LED O-2 2800 MICRO-PRM EDD 33 IP20/44 840 Index: 19.4034.5423.33

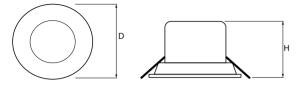


## Description

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.

Product information	Category	Recessed luminaires		
	Family	BERYL NEW LED O IP2	0/44	
	Name			
	Index	19.4034.5423.33		
	Index			
Light and electrical data	Light sour	се	LED	
	Luminous	flux LED [lm]	3108	
	LED powe	er [W]	16,2	
	Luminaire	luminous flux [lm]	2068	
	Power of I	luminaire [W]	18,4	
	Luminaire	's light efficiency [lm/W]	112,4	
	Color of th	ne light [K]	4000	
	CRI		85	
	SDCM (LE	ED sources)	2	
	Beam ang	ple [°]	(C0-C180) / (C90-C270) - 113,2° / 110,8°	
	Photobiolo 62471)	ogical risk class (IEC/EN	RG0	
	Protection	against electric shock	II	
	Protection	degree	IP20/44	
	Voltage		220240 V, 5060 Hz	
	Lifetime o	f LED sources [h]	91000 (1) / 100000 (2) / 100000 (3)	
	Lx/By		L90/B10 (1) / L80/B10 (2) / L70/B10 (3)	
	Operating	temperature range [°C]	5 ÷ 30	
	Driver		DIM DALI (EDD)	
	Power fac	tor cos φ	>0,95	
	Circuit loa	d capacity	50 (B10), 80 (B16), 61 (C10), 98 (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
Weight [kg]	2
Dimensions [mm]	Ø165 x 100
Mounting hole [mm]	Ø140

## A graph of light

