

## Product: BERYL NEW LED O-2 2800 MICRO-PRM E 33 IP20/44 830 Index: 19.4034.5411.33

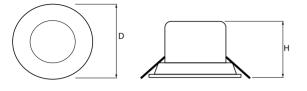


## Description

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	Categ	ory Recessed luminai	res
	Famil	FamilyBERYL NEW LED O IP20/44NameBERYL NEW LED O-2 2800 MICRO-PRM E 33 IP20/44 830	
	Name		
	Index	19.4034.5411.33	
Light and electrical data	Light	source	LED
	Lumir	nous flux LED [lm]	3019
	LED	oower [W]	16,2
	Lumir	naire luminous flux [lm]	2009
	Powe	r of luminaire [W]	18,4
	Lumir	naire's light efficiency [lm/V	V] <b>109,2</b>
	Color	of the light [K]	3000
	CRI		85
	SDCM	/ (LED sources)	2
	Beam	angle [°]	(C0-C180) / (C90-C270) - 113,2° / 110,8°
	Photo 6247	biological risk class (IEC/E 1)	EN <b>RGO</b>
	Prote	ction against electric shoc	k II
	Prote	ction degree	IP20/44
	Voltag	je	220240 V, 5060 Hz
	Lifetir	ne of LED sources [h]	91000 (1) / 100000 (2) / 100000 (3)
	Lx/B		L90/B10 (1) / L80/B10 (2) / L70/B10 (3)
	Opera	ating temperature range [°	C] 5÷30
	Drive	r	standard on/off (E)
	Powe	r factor cos φ	>0,95
	Circu	it load capacity	29 (B10), 47 (B16), 49 (C10), 79 (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

