

## Product: BERYL NEW LED O-3 2800 MICRO-PRM E 33 IP20/44 830 Index: 19.4034.8411.33

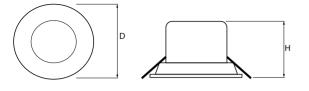


## Description

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	Cate	ory Recessed luminaires		
	Fam	y BERYL NEW LED O IP20/44		
	Nam	Name BERYL NEW LED O-3 2800 MICRO-PRM E 33 IP20/44 830		
	Inde	19.4034.8411.33		
		(E)	Indoor	
Light and electrical data	Light	source LED		
J	Lumi	nous flux LED [lm] 3019		
	LED	bower [W] 16,2		
	Lumi	naire luminous flux [lm] 2139		
	Powe	r of luminaire [W] 18,4		
	Lumi	naire's light efficiency [lm/W] 116,3		
	Colo	of the light [K] 3000		
	CRI	85		
	SDC	1 (LED sources) 2		
	Bear	angle [°] (C0-C180) / (C90-C270) 101,6°	- 103° /	
	Phot 6247	biological risk class (IEC/EN <b>RG0</b> L)		
	Prote	ction against electric shock II		
	Prote	ction degree IP20/44		
	Volta	ge 220240 V, 5060 Hz		
	Lifeti	ne of LED sources [h] 91000 (1) / 100000 (2) /	100000 (3)	
	Lx/B	L90/B10 (1) / L80/B10 (2 (3)	2) / L70/B10	
	Oper	ating temperature range [°C] 5 ÷ 30		
	Drive	standard on/off (E)		
	Powe	r factor cos φ >0,95		
	Circi	t load capacity 29 (B10), 47 (B16), 49 (	C10), 79 (C1)	

## 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]	2,02
Dimensions [mm]	Ø195 x 110
Mounting hole [mm]	Ø165

## A graph of light

