

## Product: BERYL NEW LED O-1 1800 MICRO-PRM E 33 IP20/44 830 Index: 19.4034.2111.33

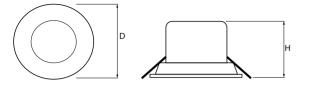


## Description

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	20/44
	Name	-	
	Index	19.4034.2111.33	
			E P20 KA A MA
Light and electrical data	Light sou	rce	LED
	Luminous	flux LED [lm]	2000
	LED powe	er [W]	11,3
	Luminaire	e luminous flux [lm]	1477
	Power of	luminaire [W]	12,8
	Luminaire	e's light efficiency [lm/W]	115,4
	Color of t	he light [K]	3000
	CRI		85
	SDCM (L	ED sources)	2
	Beam and	gle [°]	(C0-C180) / (C90-C270) - 89,2° / 87,4°
	Photobiol 62471)	ogical risk class (IEC/EN	RG0
	Protection	n against electric shock	II
	Protection	n degree	IP20/44
	Voltage		220240 V, 5060 Hz
	Lifetime c	of LED sources [h]	83000 (1) / 100000 (2) / 100000 (3)
	Lx/By		L90/B10 (1) / L80/B10 (2) / L70/B10 (3)
	Operating	temperature range [°C]	5 ÷ 30
	Driver		standard on/off (E)
	Power fac	ctor cos φ	>0,95
	Circuit loa	ad capacity	61 (B10), 98 (B16), 102 (C10), 164 (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]	0,24
Dimensions [mm]	Ø100 x 75
Mounting hole [mm]	Ø85

## A graph of light

