

## Product: BERYL NEW LED O-3 2800 MICRO-PRM E 33 IP20/65 840 Index: 19.4036.8421.33

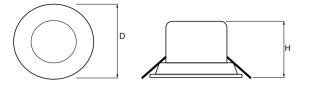


## Description

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	<b>Recessed luminaires</b>	
		Family	BERYL NEW LED O IP2	0/65
		Name	BERYL NEW LED O-3 2	800 MICRO-PRM E 33 IP20/65 840
		Index	19.4036.8421.33	
Light and electrical data		Light sour	ce	LED
		Luminous	flux LED [lm]	3108
		LED powe	r [W]	16,2
		Luminaire	luminous flux [lm]	2202
		Power of l	uminaire [W]	18,4
		Luminaire'	s light efficiency [lm/W]	119,7
		Color of th	e light [K]	4000
		CRI		85
		SDCM (LE	D sources)	2
		Beam ang	le [°]	(C0-C180) / (C90-C270) - 103° / 101,6°
		Photobiolo 62471)	gical risk class (IEC/EN	RG0
		Protection	against electric shock	II
		Protection	degree	IP20/65
		Voltage		220240 V, 5060 Hz
		Lifetime of	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		standard on/off (E)
		Power fact	tor cos φ	>0,95
		Circuit load	d 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]	2,02
Dimensions [mm]	Ø195 x 110
Mounting hole [mm]	Ø165

## A graph of light

