

## Product: BERYL NEW LED O-1 1800 MICRO-PRM E 33 IP20/44 840 Index: 19.4034.2121.33

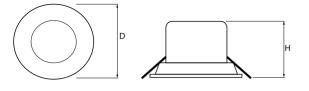


## Description

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 lumina	ires
	Family BERYL NEW LED	O IP20/44
		O-1 1800 MICRO-PRM E 33 IP20/44 840
	Index 19.4034.2121.33	
Light and electrical data	Light source	LED
	Luminous flux LED [lm]	2058
	LED power [W]	11,3
	Luminaire luminous flux [lm]	1520
	Power of luminaire [W]	12,8
	Luminaire's light efficiency [lm/	W] 118,8
	Color of the light [K]	4000
	CRI	85
	SDCM (LED sources)	2
	Beam angle [°]	(C0-C180) / (C90-C270) - 89,2° / 87,4°
	Photobiological risk class (IEC/ 62471)	EN RGO
	Protection against electric shoe	sk II
	Protection degree	IP20/44
	Voltage	220240 V, 5060 Hz
	Lifetime 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 factor $\cos \phi$	>0,95
	Circuit load 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]	0,23
Dimensions [mm]	Ø100 x 75
Mounting hole [mm]	Ø85

## A graph of light

