

## Product: BERYL NEW LED O-1 1800 MICRO-PRM E 33 IP20/65 840 Index: 19.4036.2121.33

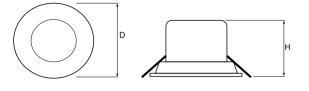


## Description

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 luminaires	Category Recessed luminaires	
	Family BERYL NEW LED O IP20/65		
	Name BERYL NEW LED 0-1 1800 MICRO	BERYL NEW LED 0-1 1800 MICRO-PRM E 33 IP20/65 840	
	Index 19.4036.2121.33		
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-C	180) / (C90-C270) - 89,2° / 87,4°	
	Photobiological risk class (IEC/EN RG0 62471)		
	Protection against electric shock		
	Protection degree IP20/6	5	
	Voltage 2202	40 V, 5060 Hz	
	Lifetime of LED sources [h] 83000	(1) / 100000 (2) / 100000 (3)	
	Lx/By L90/B (3)	10 (1) / L80/B10 (2) / L70/B10	
	Operating temperature range [°C] 5 ÷ 30		
	Driver stand	ard on/off (E)	
	Power factor $\cos \phi$ >0,95		
	Circuit load capacity 61 (B2 (C16)	.0), 98 (B16), 102 (C10), 164	

## 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]	0,26
Dimensions [mm]	Ø100 x 75
Mounting hole [mm]	Ø85

## A graph of light

