

Product: BERYL NEW LED O-1 1800 MICRO-PRM EDD 33 IP20/44 830 Index: 19.4034.2113.33



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.

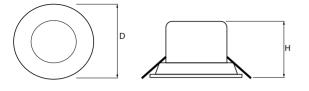
Product	inform	ation

Category	Recessed luminaires		
Family	BERYL NEW LED O IP20/44		
Name			
Index			
EAN 5902107150020			
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Light and electrical data

Light source	LED
Luminous flux LED [Im]	2000
LED power [W]	11,3
Luminaire luminous flux [lm]	1477
Power of luminaire [W]	12,8
Luminaire's light efficiency [lm/W]	115,4
Color of the light [K]	3000
CRI	85
SDCM (LED sources)	2
Beam angle [°]	(C0-C180) / (C90-C270) - 89,2° / 87,4°
Photobiological risk class (IEC/EN 62471)	RG0
Protection against electric shock	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	DIM DALI (EDD)
Power factor $\cos \phi$	>0,95
Circuit load capacity	80 (B10), 130 (B16), 100 (C10), 160 (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

