

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.

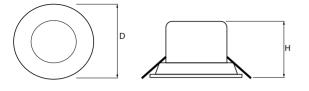
Product	inform	ation

Ca	ategory	Recessed luminaires		
Fa	mily	BERYL NEW LED O IP20/65		
Na	ame	BERYL NEW LED O-1 1800 MICRO-PRM E 33 IP20/65 840		
Inc	dex	19.4036.2121.33		
EA	AN	5902107148539		
		$\overbrace{LED} \textcircled{} \fbox{} \fbox{} \fbox{} \fbox{} \r{} \r{\r} \r} \r{\r} \r{\r} \r{\r} \r{\r} \r} \r$		

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/EN 62471)	RG0
Protection against electric shock	II
Protection degree	IP20/65
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]	0,26
Dimensions [mm]	Ø100 x 75
Mounting hole [mm]	Ø85

A graph of light

