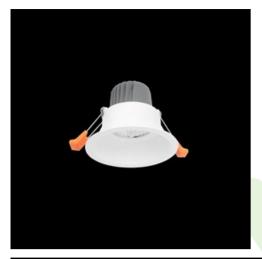


Product: BERYL NEW LED O-1 1800 PLX E 33 IP20/44 840 Index: 19.4034.3121.33



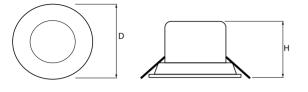
Description

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 luminai	res	
		Family	BERYL NEW LED O IP20/44 BERYL NEW LED O-1 1800 PLX E 33 IP20/44 840		
		Name			
		Index	19.4034.3121.33		
					IP20 IP44 K4 Indoor III
Light and electrical data		Light source		LED	
J		Luminous flu	IX LED [lm]	2058	
		LED power [W]	11,3	
		Luminaire lu	minous flux [lm]	1357	
		Power of lun	ninaire [W]	12,8	
		Luminaire's	ight efficiency [lm/W]	106	
		Color of the	liaht [K]	4000	

Luminaire luminous flux [lm]	1357		
Power of luminaire [W]	12,8		
Luminaire's light efficiency [lm/W]	106		
Color of the light [K]	4000		
CRI	85		
SDCM (LED sources)	2		
Beam angle [°]	(C0-C180) / (C90-C270) - 81,6° / 81,6°		
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	standard on/off (E)		
Power factor cos φ	>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	PLX (PMMA opal)
Impact resistant	IK04
Weight [kg]	0,23
Dimensions [mm]	Ø100 x 75
Mounting hole [mm]	Ø85

A graph of light

