

Product: BERYL NEW LED O-1 1000 PLX E 33 IP20/44 840 Index: 19.4034.3321.33



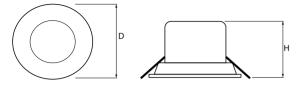
Description

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
	Family	BERYL NEW LED O IP20/44
	Name	BERYL NEW LED O-1 1000 PLX E 33 IP20/44 840
	Index	19.4034.3321.33
		LED E IN IP20 IP44 IKA I Image Image
Light and electrical data	Light source	LED
	Luminous flu	IX LED [lm] 1328

Light source	LED
Luminous flux LED [lm]	1328
LED power [W]	8,3
Luminaire luminous flux [lm]	875
Power of luminaire [W]	9,8
Luminaire's light efficiency [lm/W]	89,3
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]	88000 (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	60 (B10), 97 (B16), 101 (C10), 162 (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

