

Product: BERYL NEW LED O-2 2800 E 33 IP20/65 840 Index: 19.4036.4421.33



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.

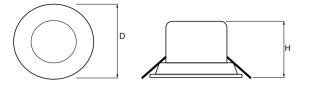
Product	inform	ation
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Category	Recessed luminaires
Family	BERYL NEW LED O IP20/65
Name	BERYL NEW LED O-2 2800 E 33 IP20/65 840
Index	19.4036.4421.33

Light and electrical data

Ī	Light source	LED
	Luminous flux LED [lm]	3108
I	LED power [W]	16,2
I	Luminaire luminous flux [lm]	2219
1	Power of luminaire [W]	18,4
	Luminaire's light efficiency [lm/W]	120,6
(Color of the light [K]	4000
(CRI	85
:	SDCM (LED sources)	2
Ī	Beam angle [°]	(C0-C180) / (C90-C270) - 72° / 73°
	Photobiological risk class (IEC/EN 62471)	RG0
Ī	Protection against electric shock	II
Ī	Protection degree	IP20/65
`	Voltage	220240 V, 5060 Hz
Ī	Lifetime of LED sources [h]	91000 (1) / 100000 (2) / 100000 (3)
I	Lx/By	L90/B10 (1) / L80/B10 (2) / L70/B10 (3)
(Operating temperature range [°C]	5 ÷ 30
I	Driver	standard on/off (E)
I	Power factor cos φ	>0,95
(Circuit load capacity	29 (B10), 47 (B16), 49 (C10), 79 (C16)

Mechanical data



Assembly	mounted in module ceilings, as well as plasterboard ceilings
Material	aluminum
Color	RAL 9010 (white)
Diffuser	transparent glass
Impact resistant	IK06
Weight [kg]	0,95
Dimensions [mm]	Ø165 × 100
Mounting hole [mm]	Ø140

A graph of light

