

Product: BERYL NEW LED O-2 3600 MICRO-PRM E 33 IP20/44 840

Index: 19.4034.5221.33



## **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-2 3600 MICRO-PRM E 33 IP20/44 840
Index	19.4034.5221.33













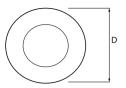


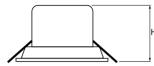
### Light and electrical data

Light course	LED
Light source	
Luminous flux LED [lm]	4305
LED power [W]	22,5
Luminaire luminous flux [lm]	2865
Power of luminaire [W]	25,5
Luminaire's light efficiency [lm/W]	112,4
Color of the light [K]	4000
CRI	80
SDCM (LED sources)	2
Beam angle [°]	(C0-C180) / (C90-C270) - 113,2° / 110,8°
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]	86000 (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	39 (B10), 62 (B16), 65 (C10), 104 (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]	0,91
Dimensions [mm]	Ø165 x 100
Mounting hole [mm]	Ø140

# A graph of light

