

Product: BERYL NEW LED O-3 2800 PLX E 33 IP20/44 840

Index: 19.4034.9421.33



#### **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-3 2800 PLX E 33 IP20/44 840
Index	19.4034.9421.33















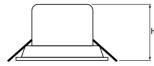
## Light and electrical data

Light source	LED
Luminous flux LED [lm]	3108
LED power [W]	16,2
Luminaire luminous flux [lm]	2041
Power of luminaire [W]	18,4
Luminaire's light efficiency [lm/W]	110,9
Color of the light [K]	4000
CRI	85
SDCM (LED sources)	2
Beam angle [°]	(C0-C180) / (C90-C270) - 94,6° / 94,4°
Photobiological risk class (IEC/EN 62471)	RG0
Protection against electric shock	II
Protection against electric shock Protection degree	II IP20/44
Protection degree	IP20/44
Protection degree Voltage	IP20/44 220240 V, 5060 Hz
Protection degree  Voltage  Lifetime of LED sources [h]	IP20/44 220240 V, 5060 Hz 91000 (1) / 100000 (2) / 100000 (3) L90/B10 (1) / L80/B10 (2) / L70/B10
Protection degree  Voltage  Lifetime of LED sources [h]  Lx/By	IP20/44 220240 V, 5060 Hz 91000 (1) / 100000 (2) / 100000 (3) L90/B10 (1) / L80/B10 (2) / L70/B10 (3)
Protection degree  Voltage  Lifetime of LED sources [h]  Lx/By  Operating temperature range [°C]	IP20/44  220240 V, 5060 Hz  91000 (1) / 100000 (2) / 100000 (3)  L90/B10 (1) / L80/B10 (2) / L70/B10 (3)  5 ÷ 30



## 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]	1,16
Dimensions [mm]	Ø195 x 110
Mounting hole [mm]	Ø165

# A graph of light

