

**Product:** BERYL SURFACE NEW LED O-3 2800 PLX EDD 34 840

**Index:** 19.4041.9423.34



## Description

Downlight surface mounted luminaire made of cast aluminum. 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	Surface mounted luminaires
Family	BERYL SURFACE NEW LED O
Name	BERYL SURFACE NEW LED O-3 2800 PLX EDD 34 840
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## 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	80
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	I
Protection degree	IP20
Voltage	220..240 V, 50..60 Hz
Lifetime of LED sources [h]	91000 (1) / 100000 (2) / 100000 (3)
Lx/By	L90/B10 (1) / L80/B10 (2) / L70/B10 (3)
Operating temperature range [°C]	5 ÷ 30
Driver	DIM DALI (EDD)
Power factor cos φ	>0,95
Circuit load capacity	50 (B10), 80 (B16), 61 (C10), 98 (C16)

**Mechanical data**



Assembly	<b>surface mounted on ceiling</b>
Material	<b>aluminum</b>
Color	<b>RAL 9016 (white)</b>
Diffuser	<b>PLX (PMMA opal)</b>
Impact resistant	<b>IK04</b>
Weight [kg]	<b>3,18</b>
Dimensions [mm]	<b>Ø215 x 166</b>

**A graph of light**

