

Product: BERYL SURFACE NEW LED O-3 2800 EDD 34 830 Index: 19.4041.7413.34



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.

	Category	Surface mounted luminaires
	Family	BERYL SURFACE NEW LED O
	Name	BERYL SURFACE NEW LED O-3 2800 EDD 34 830
	Index	19.4041.7413.34
		$\overbrace{LED} \textcircled{\bullet} \textcircled{\bullet} \textcircled{\bullet} \textcircled{\bullet} \textcircled{\bullet} \textcircled{\bullet} \textcircled{\bullet} $

Light and electrical data

Photobiological risk class (IEC/EN 62471)RG0Protection against electric shockIProtection degreeIP20Voltage220240 V, 5060 HzLifetime of LED sources [h]91000 (1) / 100000 (2) / 100000 (3)Lx/ByL90/B10 (1) / L80/B10 (2) / L70/B1 (3)Operating temperature range [°C]5 ÷ 30DriverDIM DALI (EDD)		
LED power [W] 16,2 Luminaire luminous flux [Im] 2316 Power of luminaire [W] 18,4 Luminaire's light efficiency [Im/W] 125,9 Color of the light [K] 3000 CRI 80 SDCM (LED sources) 2 Beam angle [°] (C0-C180) / (C90-C270) - 74,2° / 73 Photobiological risk class (IEC/EN 62471) RG0 Protection against electric shock I Protection degree IP20 Voltage 220240 V, 5060 Hz Lifetime of LED sources [h] 91000 (1) / 100000 (2) / 100000 (3) Lx/By L90/B10 (1) / L80/B10 (2) / L70/B1 (3) Operating temperature range [°C] 5 ÷ 30 Driver DIM DALI (EDD)	Light source	LED
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62471) Protection against electric shock Protection degree IP20 Voltage 220240 V, 5060 Hz Lifetime of LED sources [h] 91000 (1) / 100000 (2) / 100000 (3) Lx/By L90/B10 (1) / L80/B10 (2) / L70/B1 (3) Operating temperature range [°C] 5 ÷ 30 Driver DIM DALI (EDD)	Beam angle [°]	(C0-C180) / (C90-C270) - 74,2° / 73,6°
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(3)Operating temperature range [°C]5 ÷ 30DriverDIM DALI (EDD)	Lifetime of LED sources [h]	91000 (1) / 100000 (2) / 100000 (3)
Driver DIM DALI (EDD)	Lx/By	L90/B10 (1) / L80/B10 (2) / L70/B10 (3)
	Operating temperature range [°C]	5 ÷ 30
Power factor $\cos \varphi$ >0,95	Driver	DIM DALI (EDD)
	Power factor $\cos \phi$	>0,95
Circuit load capacity 50 (B10), 80 (B16), 61 (C10), 98 (C	Circuit load capacity	50 (B10), 80 (B16), 61 (C10), 98 (C16)



Mechanical data



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Assembly	surface mounted on ceiling
Material	aluminum
Color	RAL 9016 (white)
Diffuser	transparent glass
Impact resistant	IK06
Weight [kg]	2,52
Dimensions [mm]	Ø215 x 166

A graph of light

