

**Product:** BERYL SURFACE NEW LED K-2/L4 3600 PLX E 34 830**Index:** 19.4039.9211.34

## 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. The luminaire has the ability to adjust the optics in two planes (in the vertical axis by 359° and to the left and right 15°). Note: the color of the frame and housing has a slightly different shade than the color of the inner reflector cover.

## Product information

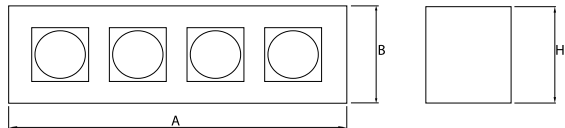
Category	Surface mounted luminaires
Family	BERYL SURFACE NEW LED K/L4
Name	BERYL SURFACE NEW LED K-2/L4 3600 PLX E 34 830
Index	19.4039.9211.34



## Light and electrical data

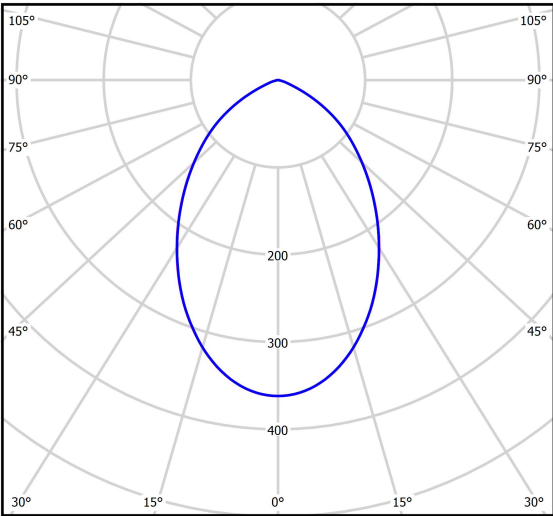
Light source	LED
Luminous flux LED [lm]	16716
LED power [W]	90
Luminaire luminous flux [lm]	10060
Power of luminaire [W]	102
Luminaire's light efficiency [lm/W]	98,6
Color of the light [K]	3000
CRI	85
SDCM (LED sources)	2
Beam angle [°]	(C0-C180) / (C90-C270) - 75,8° / 75,6°
Protection against electric shock	I
Protection degree	IP20
Voltage	220..240 V, 50..60 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 φ	>0,95
Circuit load capacity	9 (B10), 15 (B16), 16 (C10), 26 (C16)

## Mechanical data



Assembly	surface mounted on ceiling
Material	aluminum
Color	RAL 9016 (white)
Diffuser	PLX (PMMA opal)
Impact resistant	IK04
Dimensions [mm]	676 x 167 x 195

## A graph of light



cd/klm

— C0 - C180 — C90 - C270

 $\eta = 60\%$ 

Luminous flux tolerance +/- 10%. Power tolerance +/- 10%.  
 Technical data may be changed. Photos of the luminaires may differ from reality.  
 Date of last update: 24-01-2023