



## BERYL NEW LED K

### Recessed luminaires



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. Beryl New LED K has higher efficiency and efficiency than the previous version. 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.



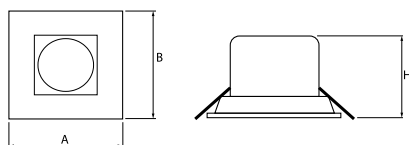
"Nova Królikarnia" residential, Warsaw



## Main parameters:

Name	Luminous flux LED [lm]	Power of luminaire [W]	Color [K]	Dimensions A x B x H [mm]
BERYL NEW LED K-1 1800	2000 / 2058	12,8	3000 / 4000	115 x 115 x 98
BERYL NEW LED K-2 3600	4179 / 4305	25,5	3000 / 4000	160 x 160 x 136
BERYL NEW LED K-2 1800 TUNABLE WHITE	1942÷1995 (2450÷7000)	16	2450 ÷ 7000	160 x 160 x 136

## Technical drawing:



## Light and electrical features:

<b>Light source</b>	LED
<b>Voltage</b>	220..240 V, 50..60 Hz
<b>Lifetime of LED sources [h]</b>	83000/83000 (1) / 100000 (2) / 100000 (3)/86000 (1) / 100000 (2) / 100000 (3)/95000 (1) / 100000 (2) / 100000 (3)
<b>Lx/By</b>	L90/B10/L90/B10 (1) / L80/B10 (2) / L70/B10 (3)
<b>CRI</b>	85/80/>85
<b>SDCM (LED sources)</b>	2
<b>Operating temperature range [°C]</b>	5 ÷ 30
<b>Driver</b>	standard on/off (E) DIM DALI (EDD) *
<b>Power factor cos φ</b>	>0,95

\* Variant to specify when ordering

## Mechanical features:

<b>Assembly</b>	mounted in module ceilings, as well as plasterboard ceilings
<b>Material</b>	aluminum
<b>Color</b>	RAL 9005 (black) RAL 9010 (white) *
<b>Diffuser</b>	transparent PMMA Micro-PRM (micro-prismatic diffuser PMMA) PLX (PMMA opal) transparent glass

## Additional information:

The luminaire can be made in CLO version.

Note: The power shown refers to the whole system (tolerance +/- 10%).  
The given luminous flux refers to LED light sources (tolerance +/- 10% depends on the value of the colour temperature).  
Technical data may be changed. Photos of the luminaires may differ from reality.  
Date of last update: 23-12-2022