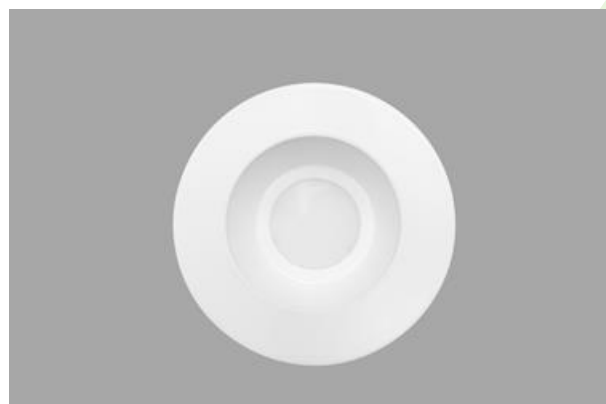




## **BERYL SURFACE NEW LED O**

### **Surface mounted luminaires**



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.



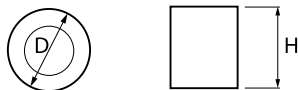
"Metamorfoza Ursus" residential, Warsaw



## Main parameters:

Name	Luminous flux LED [lm]	Power of luminaire [W]	Color [K]	Dimensions D x H [mm]
BERYL SURFACE NEW LED O-1 1000	1292 / 1328	9,8	3000 / 4000	Ø135 x 136
BERYL SURFACE NEW LED O-1 1800	2000 / 2058	12,8	3000 / 4000	Ø135 x 136
BERYL SURFACE NEW LED O-2 2800	3019 / 3108	18,4	3000 / 4000	Ø185 x 156
BERYL SURFACE NEW LED O-2 3600	4305 / 4179	25,5	4000 / 3000	Ø185 x 156
BERYL SURFACE NEW LED O-3 2800	3019 / 3108	18,4	3000 / 4000	Ø215 x 166
BERYL SURFACE NEW LED O-3 3600	4179 / 4305	25,5	3000 / 4000	Ø215 x 166

## 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>	88000 (1) / 100000 (2) / 100000 (3)/83000 (1) / 100000 (2) / 100000 (3)/91000 (1) / 100000 (2) / 100000 (3)/86000 (1) / 100000 (2) / 100000 (3)
<b>Lx/By</b>	L90/B10 (1) / L80/B10 (2) / L70/B10 (3)
<b>CRI</b>	85/80
<b>SDCM (LED sources)</b>	2
<b>Photobiological risk class (IEC/EN 62471)</b>	RG0
<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>	surface mounted on ceiling
<b>Material</b>	aluminum
<b>Color</b>	RAL 9016 (white)
<b>Diffuser</b>	transparent PMMA Micro-PRM (micro-prismatic diffuser PMMA) PLX (PMMA opal) transparent glass SHM (hardened mat 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