



## BERYL NEW LED O TUNABLE WHITE

Tunable White 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. 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. LED modules adjusted to regulate the color temperature of light in the range from 2700 K to 6500 K.



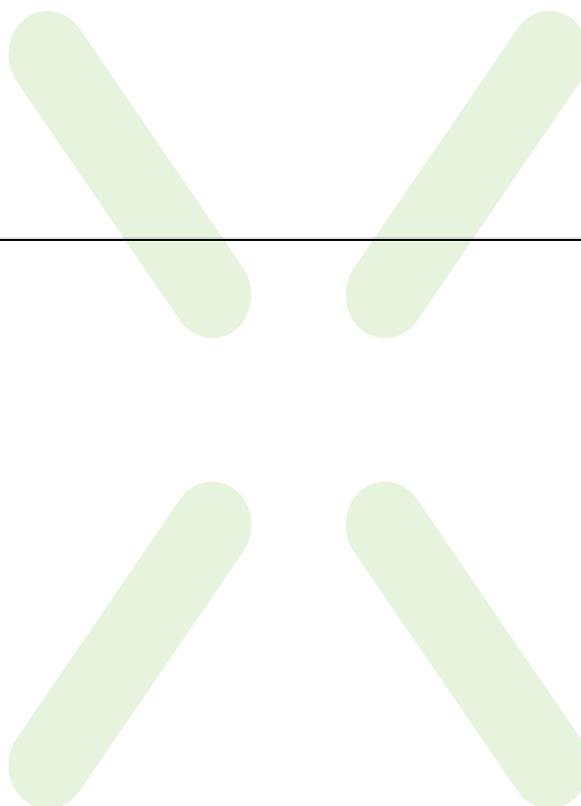
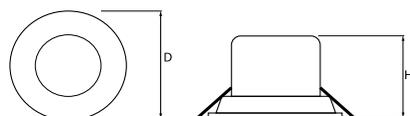
Cultural Center, Kozenice



**Main parameters:**

Name	Luminous flux LED [lm]	Power of luminaire [W]	Color [K]	Dimensions D x H [mm]
BERYL NEW LED O-2 1800 TUNABLE WHITE	1942÷1995 (2450÷7000)	16	2450 ÷ 7000	Ø165 x 100
BERYL NEW LED O-3 3000 TUNABLE WHITE	3239÷3297 (2450÷7000)	30	2450 ÷ 7000	Ø195 x 110

**Technical drawing:**



## Light and electrical features:

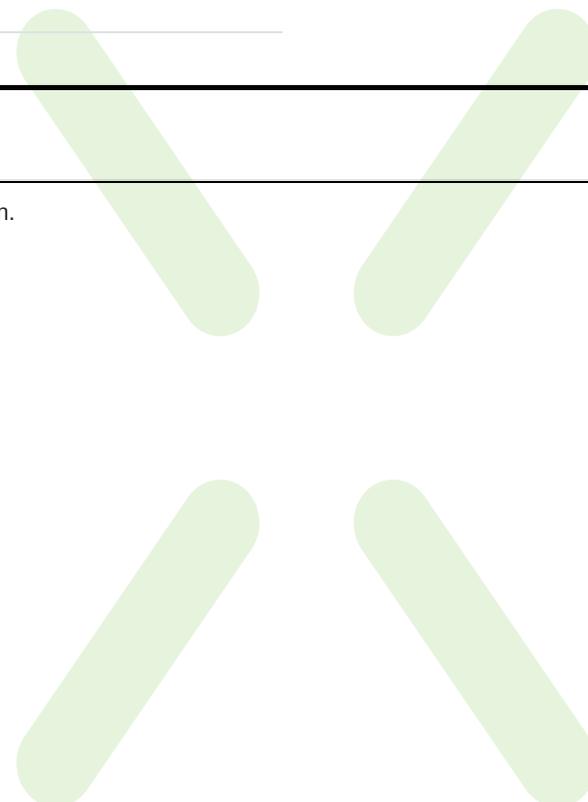
<b>Light source</b>	LED
<b>Voltage</b>	220..240 V, 50..60 Hz
<b>Lifetime of LED sources [h]</b>	95000 (1) / 100000 (2) / 100000 (3)/82000 (1) / 100000 (2) / 100000 (3)
<b>Lx/By</b>	L90/B10 (1) / L80/B10 (2) / L70/B10 (3)
<b>CRI</b>	>85
<b>Operating temperature range [°C]</b>	5 ÷ 30
<b>Driver</b>	DIM DALI (EDD)
<b>Power factor cos φ</b>	>0,95

## Mechanical features:

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

## 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.  
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