



## BERYL NEW LED O IP20/44

### 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. 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.



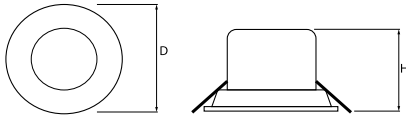
Cultural Center, Kozienice



Main parameters:

| Name                                 | Luminous flux LED [lm] | Power of luminaire [W] | Color [K]   | Dimensions D x H [mm] |
|--------------------------------------|------------------------|------------------------|-------------|-----------------------|
| BERYL NEW LED O-1 1000               | 1292 / 1328            | 9,8                    | 3000 / 4000 | Ø100 x 75             |
| BERYL NEW LED O-1 1800               | 2000 / 2058            | 12,8                   | 3000 / 4000 | Ø100 x 75             |
| BERYL NEW LED O-2 2800               | 3019 / 3108            | 18,4                   | 3000 / 4000 | Ø165 x 100            |
| BERYL NEW LED O-2 3600               | 4179 / 4305            | 25,5                   | 3000 / 4000 | Ø165 x 100            |
| BERYL NEW LED O-2/M21 3600           | 4305                   | 25,5                   | 4000        | Ø190 x 101            |
| BERYL NEW LED O-2 1800 TUNABLE WHITE | 1942÷1995 (2450÷7000)  | 16                     | 2450 ÷ 7000 | Ø165 x 100            |
| BERYL NEW LED O-3 2800               | 3019 / 3108            | 18,4                   | 3000 / 4000 | Ø195 x 110            |
| BERYL NEW LED O-3 3600               | 4179 / 4305            | 25,5                   | 3000 / 4000 | Ø195 x 110            |
| BERYL NEW LED O-3 5400               | 6494                   | 39,3                   | 4000        | Ø195 x 110            |
| BERYL NEW LED O-3/M22 5400           | 6494                   | 39,3                   | 4000        | Ø216 x 111            |
| BERYL NEW LED O-3 3000 TUNABLE WHITE | 3239÷3297 (2450÷7000)  | 30                     | 2450 ÷ 7000 | Ø195 x 110            |

Technical drawing:



Light and electrical features:

|   |   |
|---|---|
| Light source                              | LED   |
| Voltage                                   | 220..240 V, 50..60 Hz   |
| Lifetime of LED sources [h]               | 88000 (1) / 100000 (2) / 100000 (3)/83000 (1) / 100000 (2) / 100000 (3)/91000 (1) / 100000 (2) / 100000 (3)/86000 (1) / 100000 (2) / 100000 (3)/95000 (1) / 100000 (2) / 100000 (3)/83000/82000 (1) / 100000 (2) / 100000 (3) |
| Lx/By                                     | L90/B10 (1) / L80/B10 (2) / L70/B10 (3)/L90/B10   |
| CRI                                       | 85/80/>85   |
| SDCM (LED sources)                        | 2/3   |
| Photobiological risk class (IEC/EN 62471) | RG0   |
| Operating temperature range [°C]          | 5 ÷ 30  |
| Driver                                    | standard on/off (E)<br>DIM DALI (EDD) *   |
| Power factor cos φ                        | >0,95   |

\* Variant to specify when ordering

Mechanical features:

|          |   |
|----------|---|
| Assembly | mounted in module ceilings, as well as plasterboard ceilings  |
| Material | aluminum  |
| Color    | RAL 9010 (white)<br>RAL 9016 (white) *  |
| Diffuser | transparent PMMA<br>Micro-PRM (micro-prismatic diffuser PMMA)<br>PLX (PMMA opal)<br>transparent glass |

Additional information:

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: 17-02-2026