BERYL NEW LED O IP20/65

Recessed luminaires

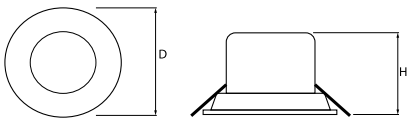
Aluminum cast housing. This technology significantly increases possibility of application of particular luminaire due to lower ceiling load since additional cooling radiator is not required. Luminaire is dedicated for prestigious interiors such as hotels, banks and offices of higher standard. Owing to 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-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

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)
Lx/By	L90/B10 (1) / L80/B10 (2) / L70/B10 (3)
CRI	85/80
SDCM (LED sources)	2
Photobiological risk class (IEC/EN 62471)	RG0
Operating temperature range [°C]	5 ÷ 30
Driver	standard on/off (E) 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)
Diffuser	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: 18-05-2026