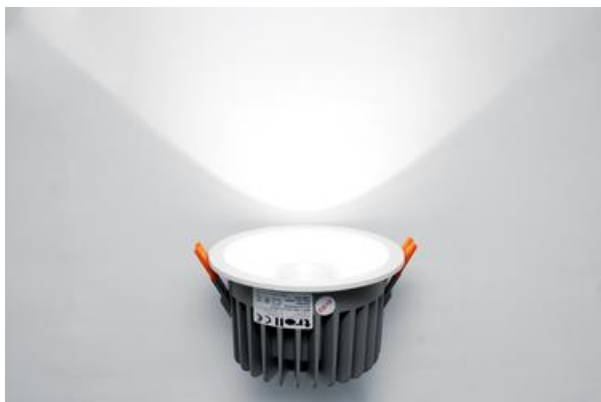




BERYL NEW LED O

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, Kozenice

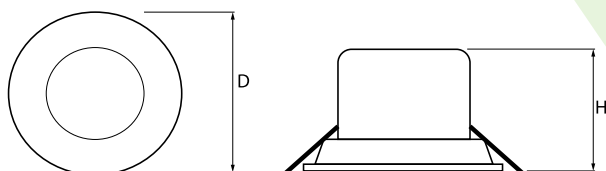
Pictograms:



Main parameters:

Name	Luminous flux LED [lm]	Power of luminaire [W]	Color [K]	Dimensions D x H [mm]
BERYL NEW LED O-1 1800	1810 / 1864	14	3000 / 4000	Ø100 x 75
BERYL NEW LED O-2 2800	2726 / 2807	20	3000 / 4000	Ø165 x 100
BERYL NEW LED O-2 3600	3794 / 3907	27	3000 / 4000	Ø165 x 100
BERYL NEW LED O-2/M21 3600	3907	27	4000	Ø190 x 101
BERYL NEW LED O-2 1800 TUNABLE WHITE	1900	16	2450 ÷ 7000	Ø165 x 100
BERYL NEW LED O-3 5400	6178	41	4000	Ø195 x 110
BERYL NEW LED O-3/M22 5400	6178	41	4000	Ø195 x 110 / Ø216 x 111
BERYL NEW LED O-3 3000 TUNABLE WHITE	3140	31	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]	83000/84000/76000/100000
Lx/By	L90/B10/L80/B10
CRI	85/80/>85
SDCM	2/4
Photobiological risk class	RG0
Operating temperature range [°C]	5 ÷ 30
Driver	standard (E) DIM DALI (EDD) *

* Variant to specify when ordering

Mechanical features:

Material	aluminum
Color	RAL 9010 (white) RAL 9016 (white) *
Diffuser	transparentne PMMA transparent PMMA Micro-PRM (micro-prismatic diffuser PMMA) PLX (PMMA opal) transparent glass

Note: The power shown refers to the whole system (tolerance +/- 10%).

Specifications are subject to change. Pictures of the luminaires may differ from reality.
Date of last update: 13-03-2020