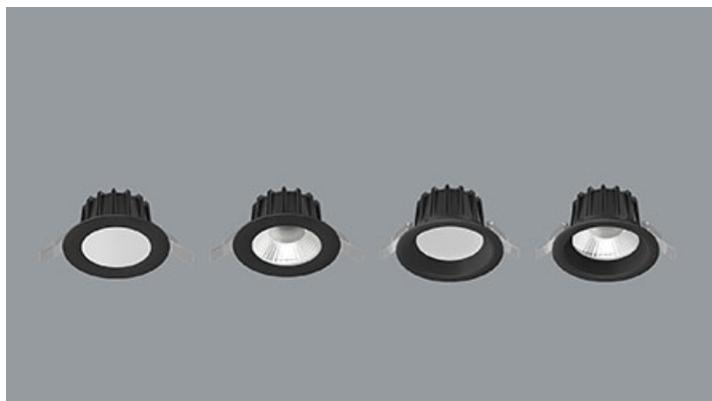
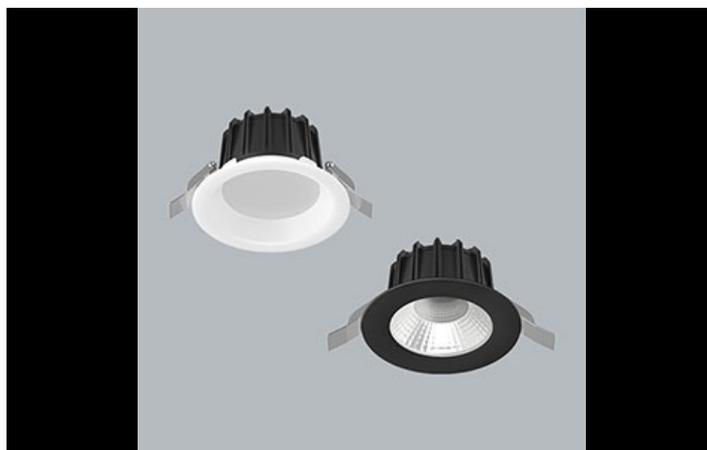




BERYL GEN2 PRO

Recessed luminaires



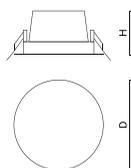
Beryl Gen2 Pro is a modern, elegant series of recessed LED downlights designed for general indoor lighting applications in modular and plasterboard suspended ceilings. The luminaire achieves an efficiency of up to 151 lm/W and is available in ten different diameters with a choice of Flat or Slight frame. Housing is made of aluminium and offered in black or white finish. Optical systems include PLX (PMMA opal) diffuser or transparent glass. Several beam angles are available to adapt the light distribution to project requirements. The product integrates LED sources with colour temperatures of 2700 K, 3000 K, or 4000 K, high colour rendering index CRI > 90, and colour tolerance SDCM ≤ 3. The LED modules have a long service life of 100,000 h (L80/B10). The luminaire is suitable for operation in ambient temperatures from +5 °C to +35 °C. It provides ingress protection up to IP20/IP54, mechanical resistance IK06, and electrical protection class II. Control options include standard electronic ON/OFF or DALI drivers with dimming capabilities.



Main parameters:

Name	Luminous flux LED [lm]	Power of luminaire [W]	Color [K]	Dimensions D x H [mm]
BERYL GEN2 PRO O-1 2000	1933 / 1972 / 2012	10,9	2700 / 3000 / 4000	Ø106 x 60 / Ø110 x 65
BERYL GEN2 PRO O-1 2500	2543 / 2595 / 2647	14,8	2700 / 3000 / 4000	Ø106 x 60 / Ø110 x 65
BERYL GEN2 PRO O-2 2500	2543 / 2595 / 2647	14,8	2700 / 3000 / 4000	Ø142 x 68 / Ø146 x 73
BERYL GEN2 PRO O-2 3000	3133 / 3197 / 3261	18,8	2700 / 3000 / 4000	Ø142 x 68 / Ø146 x 73
BERYL GEN2 PRO O-3 4500	4452 / 4543 / 4634	26,1	2700 / 3000 / 4000	Ø168 x 80 / Ø176 x 85
BERYL GEN2 PRO O-3 5500	5607 / 5721 / 5836	34,1	2700 / 3000 / 4000	Ø168 x 80 / Ø176 x 85
BERYL GEN2 PRO O-4 5500	5628 / 5744 / 5857	33,4	2700 / 3000 / 4000	Ø214 x 90 / Ø226 x 95
BERYL GEN2 PRO O-4 6500	6488 / 6620 / 6753	39,5	2700 / 3000 / 4000	Ø214 x 90 / Ø226 x 95
BERYL GEN2 PRO O-5 5500	5628 / 5744 / 5857	33,4	2700 / 3000 / 4000	Ø250 x 95
BERYL GEN2 PRO O-5 6500	6488 / 6620 / 6753	39,5	2700 / 3000 / 4000	Ø250 x 95

Technical drawing:



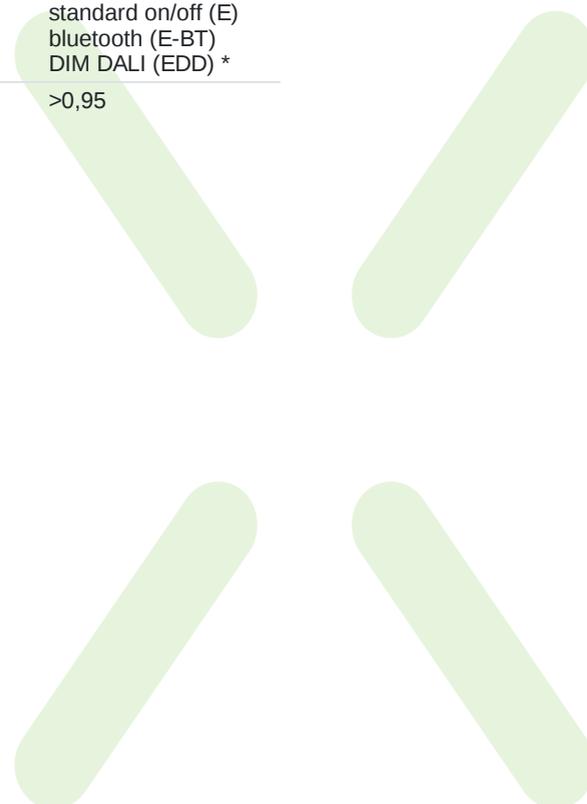
Light and electrical features:

Light source	LED
Voltage	220..240 V, 50..60 Hz
Lifetime of LED sources [h]	100000
Lx/By	L80/B10
CRI	>90
SDCM (LED sources)	3
Photobiological risk class (IEC/EN 62471)	RG0
Operating temperature range [°C]	5 ÷ 35
Driver	standard on/off (E) bluetooth (E-BT) 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 9005 (black) RAL 9016 (white) *
Diffuser	transparent glass PLX (PMMA opal)



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: 24-04-2026