

Product: BERYL GEN2 PRO FOCUS ORIENTABLE K-1 2000 24° E IP20/40 04 927

Index: 19.4447.4271.04



Description

Beryl Gen2 Pro Focus luminaires are a series of modern LED downlights for accent lighting, designed for recessed installation in modular suspended ceilings and plasterboard ceilings. The series offers high design flexibility while maintaining high technical standards. The die-cast aluminum housing ensures efficient heat dissipation and stable LED operating parameters. The luminaires achieve luminaire efficiency of up to 164 lm/W and a lifetime of up to 100,000 h (L80/B10). The optical system based on PMMA lenses is available with beam angles of 15°, 24°, 36° and 50°, and in 2700K, 3000K and 4000K versions, allowing precise adaptation to the intended application. CRI >90 guarantees high colour rendering accuracy. The series offers a wide range of sizes and variants: round and square versions, trim or trimless, adjustable (tilt 0–30° and rotation 355°) and fixed. Luminaires are available as standard in white and black finishes with ON/OFF or DALI drivers. Integration of emergency modules and occupancy sensors is also possible.

Product information

Category	Recessed luminaires
Family	BERYL GEN2 PRO FOCUS
Name	BERYL GEN2 PRO FOCUS ORIENTABLE K-1 2000 24° E IP20/40 04 927
Index	19.4447.4271.04
EAN	5902107714642



Light and electrical data

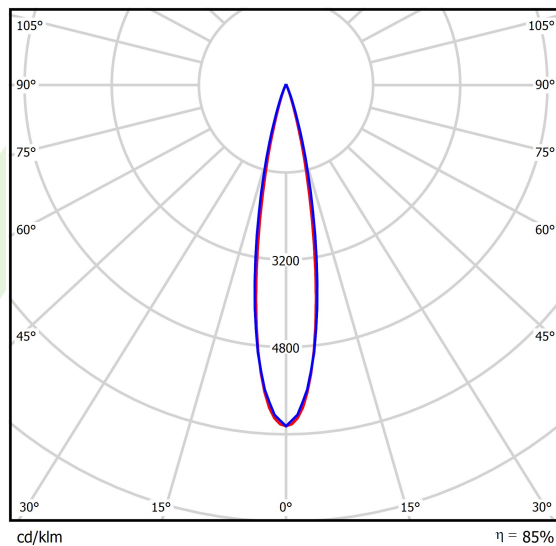
Light source	LED
Luminous flux LED [lm]	1915
LED power [W]	11
Luminaire luminous flux [lm]	1632
Power of luminaire [W]	12,3
Luminaire's light efficiency [lm/W]	132,7
Color of the light [K]	2700
CRI	>90
SDCM (LED sources)	3
Beam angle [°]	(C0-C180) / (C90-C270) - 19,2° / 20,4°
Photobiological risk class (IEC/EN 62471)	RG0
Protection against electric shock	II
Protection degree	IP20/40
Voltage	220..240 V, 50..60 Hz
Lifetime of LED sources [h]	100000
Lx/By	L80/B10
Operating temperature range [°C]	5 ÷ 35
Driver	standard on/off (E)
Power factor cos φ	>0,95
Circuit load capacity	31 (B10), 50 (B16), 50 (C10), 80 (C16)

Mechanical data



Assembly	mounted in module ceilings, as well as plasterboard ceilings
Material	aluminum
Color	RAL 9005 (black)
Diffuser	optical system based on PMMA lenses
Impact resistant	IK04
Dimensions [mm]	92 x 92 x 111
Mounting hole [mm]	82 x 82

A graph of light



cd/klm
— C0 - C180 — C90 - C270

$\eta = 85\%$