

Product: BERYL NEW LED K-1/L3 1800 EDD 04 IP20/44 830 Index: 19.4031.4113.04

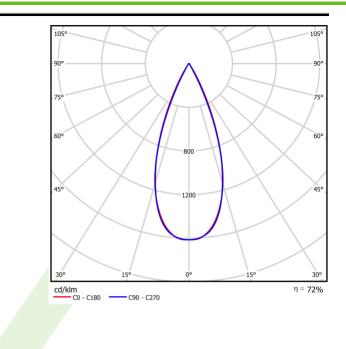


Description

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. Beryl New LED K has higher efficiency and efficiency than the previous version. 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. The luminaire has the ability to adjust the optics in two planes (in the vertical axis by 359° and to the left and right 15°). Note: the color of the frame and housing has a slightly different shade than the color of the inner reflector cover.

| Product information Category Recessed luminaires Family BERYL NEW LED K/L3 Name BERYL NEW LED K-1/L3 1800 EDD 04 IP20/44 830 Index 19.4031.4113.04 Image: Control of the state of t | |
|---|-----------|
| Name BERYL NEW LED K-1/L3 1800 EDD 04 IP20/44 830 Index 19.4031.4113.04 Image: Control of the state of the sta | Indoor |
| Light and electrical data | Indoor |
| Light and electrical data Light source LED | Indoor |
| Light and electrical data Light source LED | Indoor |
| • | |
| | |
| Luminous flux LED [lm] 6000 | |
| LED power [W] 33,9 | |
| Luminaire luminous flux [lm] 4319 | |
| Power of luminaire [W] 38,4 | |
| Luminaire's light efficiency [lm/W] 112,5 | |
| Color of the light [K] 3000 | |
| CRI 85 | |
| SDCM (LED sources) 2 | |
| Beam angle [°] (C0-C180) / (C90-C270) - 40,8 | ° / 40,4° |
| Protection against electric shock | |
| Protection degree IP20/44 | |
| Voltage 220240 V, 5060 Hz | |
| Lifetime of LED sources [h] 83000 (1) / 100000 (2) / 10000 | 0 (3) |
| Lx/By L90/B10 (1) / L80/B10 (2) / L7 | 0/B10 (3) |
| Operating temperature range [°C] 5 ÷ 30 | |
| Driver DIM DALI (EDD) | |
| Power factor cos φ >0,95 | |
| Circuit load capacity 20 (B10), 30 (B16), 32 (C10), 5 | 52 (C16) |
| Mechanical data Assembly mounted in module ceilings, as well plasterboard ceilings | las |
| Material aluminum | |
| () () ^B □ Color RAL 9005 (black) | |
| Diffuser transparent PMMA | |
| Impact resistant IK04 | |
| | |
| Dimensions [mm] 353 x 119 x 99 | |

A graph of light





Luminous flux tolerance +/- 10%. Power tolerance +/- 10%. Technical data may be changed. Photos of the luminaires may differ from reality. Date of last update: 24-01-2023