

## Product: BERYL NEW LED O-2/M21 3600 PLX E 34 IP20/44 840 Index: 19.4035.3221.34

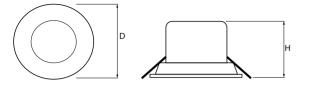


## Description

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. 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.

| Product information       | C  | Category Recessed luminaires      |                          |                                     |  |                       |         |        |
|---------------------------|----|-----------------------------------|--------------------------|-------------------------------------|--|-----------------------|---------|--------|
|                           | F  | amily                             | BERYL NEW LED O IP20/44  |                                     |  |                       |         |        |
|                           | Ν  | lame                              | BERYL NEW LED 0-2        | D O-2/M21 3600 PLX E 34 IP20/44 840 |  |                       |         |        |
|                           | li | ndex                              | 19.4035.3221.34          |                                     |  |                       |         |        |
|                           |    |                                   |                          | E                                   | IP20<br>IP44                               | <b>K</b> <sub>4</sub> | Indoor  | Ø      |
| Light and electrical data | L  | ight source                       | e                        | LE                                  | D  |                       |         |        |
| -                         | L  | . <mark>umi</mark> nous fl        | lux LED [lm]             | 43                                  | 05   |                       |         |        |
|                           | L  | ED power                          | [W]                      | 22                                  | ,5   |                       |         |        |
|                           | L  | uminaire l                        | uminous flux [lm]        | 27                                  | 78   |                       |         |        |
|                           | F  | Power of lu                       | minaire [W]              | 25                                  | ,5   |                       |         |        |
|                           | L  | uminaire's.                       | light efficiency [lm/W]  | 10                                  | 8,9  |                       |         |        |
|                           | C  | Color of the                      | e light [K]              | 40                                  | 00   |                       |         |        |
|                           | C  | RI                                |                          | 80                                  |  |                       |         |        |
|                           | S  | DCM (LED                          | D sources)               | 2                                   |  |                       |         |        |
|                           | E  | Beam angle                        | e [°]                    | (C                                  | 0-C180) / (C9                              | 0-C270)               | - 93,4° | / 93,4 |
|                           |    | hotobiolog<br>2471)               | gical risk class (IEC/EN | RG                                  | <b>30</b>                                  |                       |         |        |
|                           | F  | Protection against electric shock |                          |                                     | II   |                       |         |        |
|                           | F  | Protection of                     | degree                   | IP2                                 | 20/44                                      |                       |         |        |
|                           | V  | Voltage                           |                          |                                     | 220240 V, 5060 Hz                          |                       |         |        |
|                           | L  | Lifetime of LED sources [h]       |                          |                                     | 86000 (1) / 100000 (2) / 100000 (3)        |                       |         |        |
|                           | L  | Lx/By                             |                          |                                     | L90/B10 (1) / L80/B10 (2) / L70/B10<br>(3) |                       |         |        |
|                           | C  | Operating t                       | emperature range [°C]    | 5 ÷                                 | ÷ 30                                       |                       |         |        |
|                           | C  | Driver                            |                          |                                     | standard on/off (E)                        |                       |         |        |
|                           | F  | Power factor $\cos \phi$          |                          |                                     | >0,95                                      |                       |         |        |
|                           | C  | Circuit load capacity             |                          |                                     | 39 (B10), 62 (B16), 65 (C10), 104<br>(C16) |                       |         |        |

## Mechanical data



| Assembly           | mounted in module ceilings, as well as plasterboard ceilings |
|--------------------|--|
| Material           | aluminum   |
| Color              | RAL 9016 (white)   |
| Diffuser           | PLX (PMMA opal)  |
| Impact resistant   | IK04   |
| Weight [kg]        | 1,1  |
| Dimensions [mm]    | Ø190 x 101   |
| Mounting hole [mm] | Ø170   |

## A graph of light

