

**Product:** TOPAZ ODG CLEAN ST LED CRI95 P SMOOTH 7500 PLX E IP65 34 940 / 650X650 SUFIT 60MM

**Index:** 19.4430.3241.34



## Description

Luxiona Poland as the only company in Europe has obtained CRI>95 for its luminaires (it provides high level of R9 and R13 that faithfully render the color of blood and tissue). Luminary recommended for operating theatres - lighting that is applied should faithfully render the color of blood, tissue, and skin (R9 responsible for rendering „deep red” color, and R13 responsible for rendering „light orange” color). Body of the luminaire made of steel sheet powder coated in white. Special construction of the luminaire allows opening it from the top. Thanks to this, maintenance can be done without littering facilities. The luminaire can be mounted in a ceiling thickness of 55 mm to 75 mm. The product is adapted to be walked on during maintenance. The luminaire withstands 0.9 kN/m2. Product is equipped in highly efficient LED light source.

## Product information

|          |   |
|----------|---|
| Category | Clean luminaires CRI95  |
| Family   | TOPAZ ODG CLEAN ST LED CRI95 SMOOTH   |
| Name     | TOPAZ ODG CLEAN ST LED CRI95 P SMOOTH 7500 PLX E IP65 34 940 / 650X650 SUFIT 60MM |
| Index    | 19.4430.3241.34   |
| EAN      | 5902107868963   |



## Light and electrical data

|   |  |
|---|--|
| Light source                              | LED                                    |
| Luminous flux LED [lm]                    | 6916,9                                 |
| LED power [W]                             | 41,2                                   |
| Luminaire luminous flux [lm]              | 5153                                   |
| Power of luminaire [W]                    | 46,1                                   |
| Luminaire's light efficiency [lm/W]       | 111,8                                  |
| Color of the light [K]                    | 4000                                   |
| CRI                                       | >95                                    |
| SDCM (LED sources)                        | 3                                      |
| Beam angle [°]                            | (C0-C180) / (C90-C270) - 105° / 104,8° |
| Photobiological risk class (IEC/EN 62471) | RG0                                    |
| Protection against electric shock         | I                                      |
| Protection degree                         | IP65                                   |
| Voltage                                   | 220..240 V, 50..60 Hz                  |
| Lifetime of LED sources [h]               | 100000                                 |
| Lx/By                                     | L80/B10                                |
| Operating temperature range [°C]          | 5 ÷ 30                                 |
| Driver                                    | standard on/off (E)                    |
| Power factor cos φ                        | >0,95                                  |
| Circuit load capacity                     | 8 (B10), 13 (B16), 12 (C10), 20 (C16)  |

**Mechanical data**



|                    |                              |
|--------------------|------------------------------|
| Assembly           | mounted in suspended ceiling |
| Material           | steel sheet                  |
| Color              | RAL 9016 (white)             |
| Diffuser           | PLX (PMMA opal)              |
| Impact resistant   | IK04                         |
| Dimensions [mm]    | 650 x 650 x 55-75            |
| Mounting hole [mm] | 616 x 616                    |

**A graph of light**

