

**Product:** TOPAZ ODG CLEAN ST LED CRI95 P SMOOTH 9000 MICRO-PRM SH EDD IP65 34 940 / 650X650 SUFIT 60MM

**Index:** 19.4430.2343.34



## 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). Luminaire 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 9000 MICRO-PRM SH EDD IP65 34 940 / 650X650 SUFIT 60MM
Index	19.4430.2343.34
EAN	5902107869090



## Light and electrical data

Light source	LED
Luminous flux LED [lm]	8812
LED power [W]	53,2
Luminaire luminous flux [lm]	6459
Power of luminaire [W]	59,6
Luminaire's light efficiency [lm/W]	108,4
Color of the light [K]	4000
CRI	>95
SDCM (LED sources)	3
Beam angle [°]	(C0-C180) / (C90-C270) - 89° / 89°
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	DIM DALI (EDD)
Power factor cos φ	>0,95
Circuit load capacity	8 (B10), 13 (B16), 13 (C10), 21 (C16)

**Mechanical data**



Assembly	<b>mounted in suspended ceiling</b>
Material	<b>steel sheet</b>
Color	<b>RAL 9016 (white)</b>
Diffuser	<b>Micro-PRM SH (micro-prismatic diffuser PMMA with hardened glass)</b>
Impact resistant	<b>IK08</b>
Dimensions [mm]	<b>650 x 650 x 55-75</b>
Mounting hole [mm]	<b>616 x 616</b>

**A graph of light**

