



TOPAZ ODG CLEAN ST LED CRI95 SMOOTH

Clean luminaires CRI95



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.



Main parameters:

Name	Luminous flux LED [lm]	Power of luminaire [W]	Color [K]	Dimensions A x B x H [mm]
TOPAZ ODG CLEAN ST LED CRI95 P SMOOTH 5400	4788,5 / 4988	33,2	3000 / 4000	650 x 650 x 55-75
TOPAZ ODG CLEAN ST LED CRI95 P SMOOTH 7500	6640,3 / 6916,9	46,1	3000 / 4000	650 x 650 x 55-75
TOPAZ ODG CLEAN ST LED CRI95 P SMOOTH 9000	8459,5 / 8812	59,6	3000 / 4000	650 x 650 x 55-75
TOPAZ ODG CLEAN ST LED CRI95 P SMOOTH 11000	10533,1 / 10972	74,8	3000 / 4000	650 x 650 x 55-75

Technical drawing:



Light and electrical features:

Light source	LED
Voltage	220..240 V, 50..60 Hz
Lifetime of LED sources [h]	100000
Lx/By	L80/B10
CRI	>95
SDCM (LED sources)	3
Photobiological risk class (IEC/EN 62471)	RG0
Operating temperature range [°C]	5 ÷ 30
Driver	standard on/off (E) DIM DALI (EDD) *
Power factor cos φ	>0,95

* Variant to specify when ordering

Mechanical features:

Assembly	mounted in suspended ceiling
Material	steel sheet
Color	RAL 9016 (white)
Diffuser	Micro-PRM (micro-prismatic diffuser PMMA) Micro-PRM SH (micro-prismatic diffuser PMMA with hardened glass) PLX (PMMA opal) SHM (hardened mat glass)

Note: The power shown refers to the whole system (tolerance +/- 10%).
The given luminous flux refers to LED light sources (tolerance +/- 10% depends on the value of the colour temperature).
Technical data may be changed. Photos of the luminaires may differ from reality.
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