



AGAT CLEAN LED SMOOTH

Clean luminaires - recessed



Luminaire designed to module and gypsum and cardboard suspended ceilings, equipped with the highly efficient LED panels. Luminaire body made from steel sheet, powder coated in white. Optical systems and diffusers mounted in an aluminum frame. The product ensures a homogeneous distribution of light on the iris without shadows and lighter points directly below the LED sources. Luminaire recommended for: emergency departments, intensive care units, and treatment rooms.



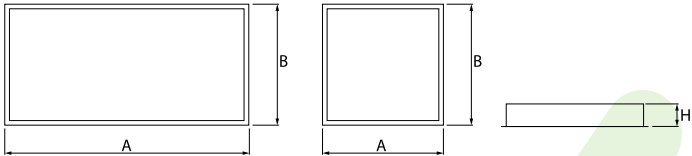
Surgery Room, Korfantów



Main parameters:

Name	Luminous flux LED [lm]	Power of luminaire [W]	Color [K]	Dimensions A x B x H [mm]
AGAT CLEAN LED P SMOOTH 2700	2611 / 2691,5	14,6	3000 / 4000	596 x 296 x 76
AGAT CLEAN LED P SMOOTH 3750	3668,6 / 3782,1	19,9	3000 / 4000	596 x 296 x 76
AGAT CLEAN LED P SMOOTH 5400	5222 / 5383,1	27,8	3000 / 4000	1196 x 296 x 76 / 596 x 596 x 76
AGAT CLEAN LED P SMOOTH 7500	7337,2 / 7564,1	39,9	3000 / 4000	1196 x 296 x 76 / 596 x 596 x 76
AGAT CLEAN LED P SMOOTH 10800	10444 / 10766,1	55,6	3000 / 4000	1196 x 596 x 76
AGAT CLEAN LED P SMOOTH 15000	14674,4 / 15128,2	79,7	3000 / 4000	1196 x 596 x 76
AGAT CLEAN LED S SMOOTH 2700	2611 / 2691,5	14,6	3000 / 4000	596 x 296 x 76
AGAT CLEAN LED S SMOOTH 3750	3668,6 / 3782,1	19,9	3000 / 4000	596 x 296 x 76
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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	>80
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 module ceilings, as well as plasterboard ceilings
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)

Additional information:

* Selected luminary variants are available with ENEC certificate.

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.
Date of last update: 22-08-2025

Dodatkowe informacje / Additional information / Zusätzliche Informationen:

Diody LED Standard vs LED Smooth / Standard LED vs Smooth LED modules / Standard LED vs Smooth LED Module



STANDARD



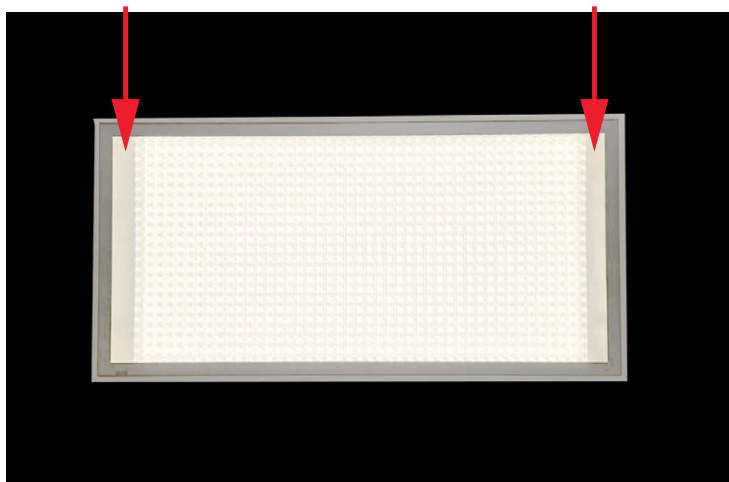
SMOOTH

UWAGA / NOTE / ACHTUNG

W oprawkach typu SMOOTH* z przesłoną półprzezroczystą tj. MICRO-PRM + SH; MICRO-PRM, SHM pojawia się "efekt cienia" widoczny na zdjęciu.
*dotyczy tylko wymiarów 1200x300 i 1200x600 (+/- 5 cm)

In SMOOTH * luminaires with a semi-transparent diffuser MICRO-PRM + SH; MICRO-PRM, SHM appears "shadow effect" visible in the picture below.
* only for dimensions 1200x300 and 1200x600 (+/- 5 cm)

In SMOOTH * -Leuchten mit einem halbtransparenten Diffusor MICRO-PRM + SH; MICRO-PRM, SHM erscheint als „Schatteneffekt“ im Bild unten sichtbar.
* nur für Abmessungen 1200x300 und 1200x600 (+/- 5 cm)



Dodatkowe informacje / Additional information / Zusätzliche Informationen:

Wszystkie produkty CLEAN przeznaczone do montażu w sufitach podwieszanych są standardowo wyposażone w zaczep do podwieszenia opraw do części sufitu stałego (odciążenie konstrukcji sufitu).

All CLEAN products dedicated for installation in suspended ceilings are equipped with a hook as a standard solution for suspending the luminaires to a part of the fixed ceiling (relieving the suspended ceiling structure).

Alle CLEAN-Produkte geeignet für den Einbau in abgehängten Decken sind standardmäßig mit einem Haken zum Aufhängen der Leuchten an einem Teil der festen Decke ausgestattet (Belastung der Deckenkonstruktion wird verringert).

