



AGAT LED SMOOTH

Recessed luminaires



Luminary adapted to be mounted on 600 x 600 mm module ceilings. It is equipped with highly efficient LED sources of the newest lighting generation, with the average durability of 60000 h. Diffuser is located in a steel frame which is powder coated in white. The frame is mounted to the luminary body by the use of springs. There is no need to use any extra tools to mount or dismantle the luminaire. The body is made from steel sheet which is powder coated with mixture of thermostatic synthetic resin, hardeners, and pigments, all resistant to UV radiation. Luminary resistant to solids, dust, and liquids penetration (IP20/44).



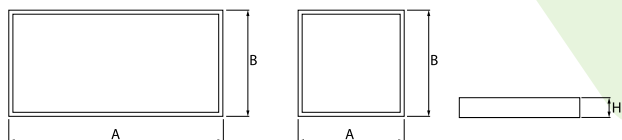
National Research Institute, Warsaw



Main parameters:

Name	Luminous flux LED [lm]	Power of luminaire [W]	Color [K]	Dimensions A x B x H [mm]
AGAT LED S SMOOTH 2700	2657 / 2804	16,3	3000 / 4000	596 x 296 x 100
AGAT LED S SMOOTH 3750	3545 / 3740	25	3000 / 4000	596 x 296 x 100
AGAT LED S SMOOTH 5400	5313 / 5607	33,2	3000 / 4000	1196 x 296 x 100 / 596 x 596 x 100
AGAT LED S SMOOTH 7500	7445 / 7854	42,2	3000 / 4000	1196 x 296 x 100 / 596 x 596 x 100
AGAT LED S SMOOTH 10800	10120 / 10680	70	3000 / 4000	1196 x 596 x 100
AGAT LED S SMOOTH 15000	14180 / 14960	102	3000 / 4000	1196 x 596 x 100

Technical drawing:



Light and electrical features:

Light source	LED
Voltage	220..240 V, 50..60 Hz
Lifetime of LED sources [h]	54000
Lx/By	L80/B10
CRI	>80
SDCM (LED sources)	4
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
Material	steel sheet
Color	RAL 9016 (white)
Diffuser	Micro-PRM (micro-prismatic diffuser PMMA) PLX (PMMA opal)

Additional information:

The luminaire can be made in CLO version.

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: 07-05-2025

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)

