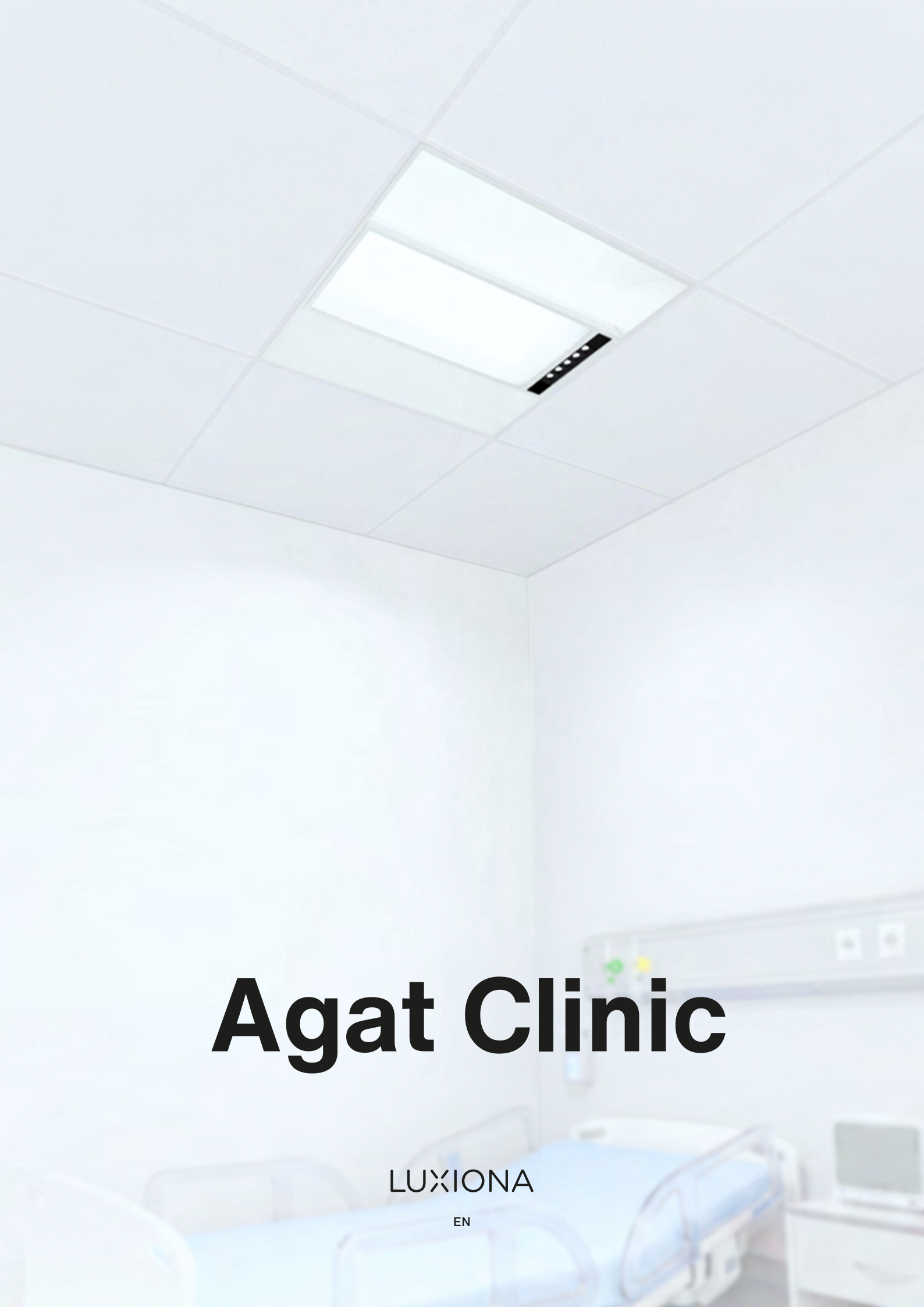


Agat Clinic

LUXIONA

EN

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Agat Clinic LED — a perfect solution for patient rooms

Agat Clinic LED combines three different light distributions in a single luminaire, providing flexible lighting for different tasks while delivering practical benefits for patient rooms.

- Enhanced patient comfort with lighting adapted to different activities and visual needs
- Cleaner, more hygienic patient rooms with fewer luminaires and fewer surfaces where dust, germs and insects can accumulate.
- Lower installation and maintenance costs thanks to a reduced number of luminaires, while maintaining a clean, minimalist interior aesthetic.



LUXIONA Main Factory, Jacentow. Poland

ISO 13485

Clean and medical ISO 13485 certified factory in Poland

Our ISO-compliant manufacturing processes and dedicated production facilities, including on-site Cleanroom, ensure that Agat Clean luminaires meet the stringent requirements of clean and medical environments.

Certificate ISO 14001:2015


GCS

CERTYFIKAT

LUXIONA Poland S.A.

Jacentów 167 • 27-580 Sadowie

PN-EN ISO 14001:2015-09

Certificate ISO 9001:2015


GCS

CERTYFIKAT

LUXIONA Poland S.A.

Jacentów 167 • 27-580 Sadowie

PN-EN ISO 9001:2015-10

Certificate HACCP


GCS

CERTYFIKAT

LUXIONA Poland S.A.

Jacentów 167 • 27-580 Sadowie

HACCP

Certificate ISO 13485:2016


IMQ

CERTYFIKAT NR.
CERTIFICATE N. 9124.LUXP

LUXIONA POLAND S.A.

Jacentów 167, 27 – 580 SADOWIE – POLSKA

Jacentów 167, 27 – 580 SADOWIE – POLSKA

ISO 13485:2016

Projektowanie i wytwarzanie opraw oświetleniowych do zastosowań medycznych
Designing and producing luminaires for medical purposes

2014-04-02 2026-03-31 2029-04-02

CISQ

Top-quality components

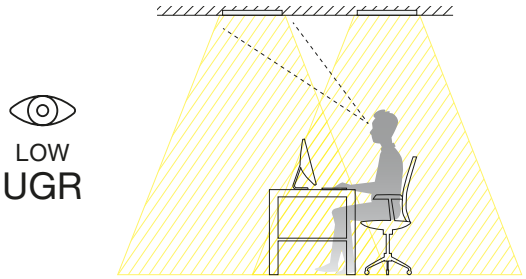
Stable colour & CRI

Agat Clinic offers excellent colour consistency of 3 SDCM and high colour rendering. Direct-light modules are available with CRI > 80 and upon request with CRI >90 i >95; indirect-light modules with CRI > 80.



Low UGR & visual comfort

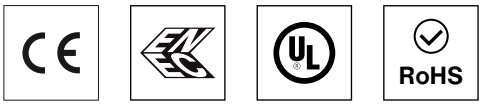
A louvre with 18° lenses limits glare and provides excellent visual comfort, without compromising luminaire efficiency.



Certified components. UL & RoHS compliance

Agat Clinic LED modules are CE marked; indirect-light modules are also ENEC certified.

PLX and MICRO-PRM (PMMA) diffusers are UL listed and RoHS compliant, ensuring safety and environmental responsibility.



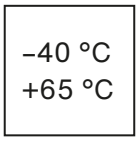
High efficacy & long lifetime

LED modules achieve an efficacy of up to 185 lm/W. Average lifetime (L80 B10) >60.000 h and also, upon request: > 100,000 h for direct light and > 80,000 h for indirect light.



Wide operating temperature range

Drivers operate reliably across a wide temperature range of –40...+65 °C.



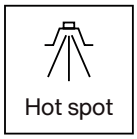
Protection & efficiency

Drivers with overload, overtemperature and Hot Plug protection fulfil all safety requirements and achieve very high efficiency of up to 96%.



Even light distribution

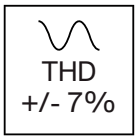
LED modules with 170° wide-angle lenses, mounted on the back wall of the light box, deliver smooth, uniform light distribution without visible hotspots, even in low-profile housings.



Low ripple & THD

Output ripple current below 3% and total harmonic distortion below 7% at full load ensure high-quality light and minimal impact on the electrical network.





Programmable & dimmable

Drivers are fully programmable via software (DALI interface and NFC) and offer high-quality amplitude dimming from 1 to 100%.







Agat Clinic LED family overview



Steel body

durability, integrity, and resistance to frequent cleaning and disinfection

Patient Centric Lighting

3 scenes for different activities:
- soft 140°
- reading 20°
- recognition 90°

Less contamination

up to 33% less potential contamination

Reduced visual clutter

one luminiare instead of 2-3 other solutions



1. Soft Ambient Light 140°

- Ambiance mode. Provides indirect light distribution with soft, relaxing, pleasant light. It is perfect for moments during the day when a patient is resting.
- In this mode, the luminaire provides 900 lm of luminous flux.





2. Reading Light 20°

- Reading mode. With a strongly focused beam of light, makes sure to provide necessary light without disturbing other patients in the room, perfect for reading.
- Provided with an anti-glare louver and a luminous flux of about 700 lm.



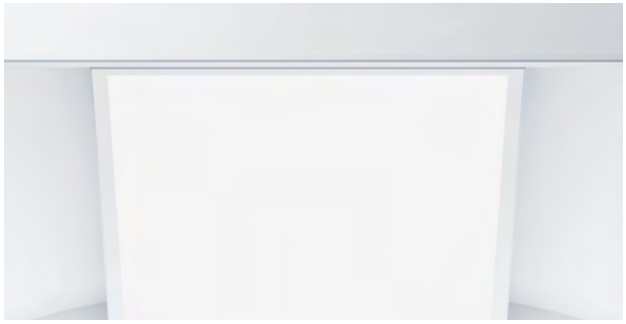


3. Recognition Light 90°

- Recognition mode provides direct light distribution. Perfect for examining a patient, it's the main, direct light distribution.
- Achieved with the use of two opal PMMA diffusers: micro prismatic and smooth with a luminous flux of approx. 3300 lm.



Agat Clinic LED combines advanced diffuser technologies to deliver maximum patient comfort:



Micro-PRM PLX (microprismatic diffuser PMMA and PMMA opal)

Special hybrid PMMA diffuser featuring an inner micro-prismatic layer and an outer opal PLX layer.

It combines excellent glare control with smooth, uniform light distribution for superior visual comfort.



Anti-glare louvers

Precision anti-glare louvers to ensure comfortable, glare-free illumination in reading mode.





Agat Clinic LED



Agat Clinic LED — three lighting functions in one efficient solution.

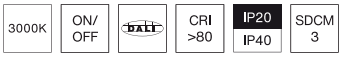
Agat Clinic LED is an innovative patient-room luminaire that combines three dedicated lighting functions in one streamlined solution, delivering flexible illumination tailored to the needs of modern healthcare environments.

Designed for modular suspended ceilings, it combines efficient LED technology with a durable steel housing and a micro-prismatic and opal diffuser for comfortable, uniform light. With 3000 K colour temperature, CRI >80 and SDCM 3, Agat Clinic LED provides consistent, high-quality illumination for patient rooms.

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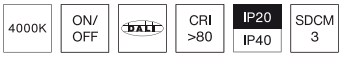
Agat Clinic LED details

3000 K, 60.000 h L80/B10, CRI>80



					Driver		
Diffuser	**Beam**	**lm**	**W**	**lm/W**	**Index ON/OFF**	**Index DALI**	**Dimensions [mm]**
MICRO-PRM PLX (microprismatic diffuser PMMA and PMMA opal)	92/143+120/20	2866/879/697	30,5/13,5/8,7	94/65,1/80,1	-	19.4311.1213.63	595 x 595 x 130
	92/143+120/20	3275/879/697	36,2/13,5/8,7	90,5/65,1/80,1	19.4311.1111.63	19.4311.1113.63	595 x 595 x 130

4000 K, 60.000 h L80/B10, CRI>80



					Driver		
Diffuser	**Beam**	**lm**	**W**	**lm/W**	**Index ON/OFF**	**Index DALI**	**Dimensions [mm]**
MICRO-PRM PLX (microprismatic diffuser PMMA and PMMA opal)	92/143+120/20	3009/922/731	30,5/13,5/8,7	98,7/68,3/84	-	19.4311.1223.63	595 x 595 x 130
	92/143+120/20	3438/922/731	36,2/13,5/8,7	95/68,3/84	19.4311.1121.63	19.4311.1123.63	595 x 595 x 130

Design
Customisation
Competitiveness

Our values

Design

At Luxiona, design is at the heart of our identity. With products conceived in Barcelona and developed in Poland, we combine European creativity and engineering excellence. Our portfolio covers a complete range of functional lighting solutions that are practical, easy to integrate, and simple to maintain—always with a focus on human comfort, both physiological and psychological.

Customisation

We create lighting that adapts to every project. From unique solutions that differentiate spaces to flexible development supported by our European factory, we provide tailored consultancy and agile response. This ensures solutions that address specific functional needs while meeting project requirements in the shortest possible time.

Competitiveness

Our competitiveness lies in delivering value without compromise. We combine proximity and service with high technical performance at an optimal price point. With more than a century of expertise and state-of-the-art innovation, we develop energy-efficient and sustainable solutions designed to perform today and endure tomorrow.





DESIGN PLUS

LUXIONA

LUXIONA worldwide

Commercial offices:
Spain, Poland, France, Italy, Germany

Logistics centre:
Spain

Production:
Poland / Spain (emergency)

LUXIONA Headquarters

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