

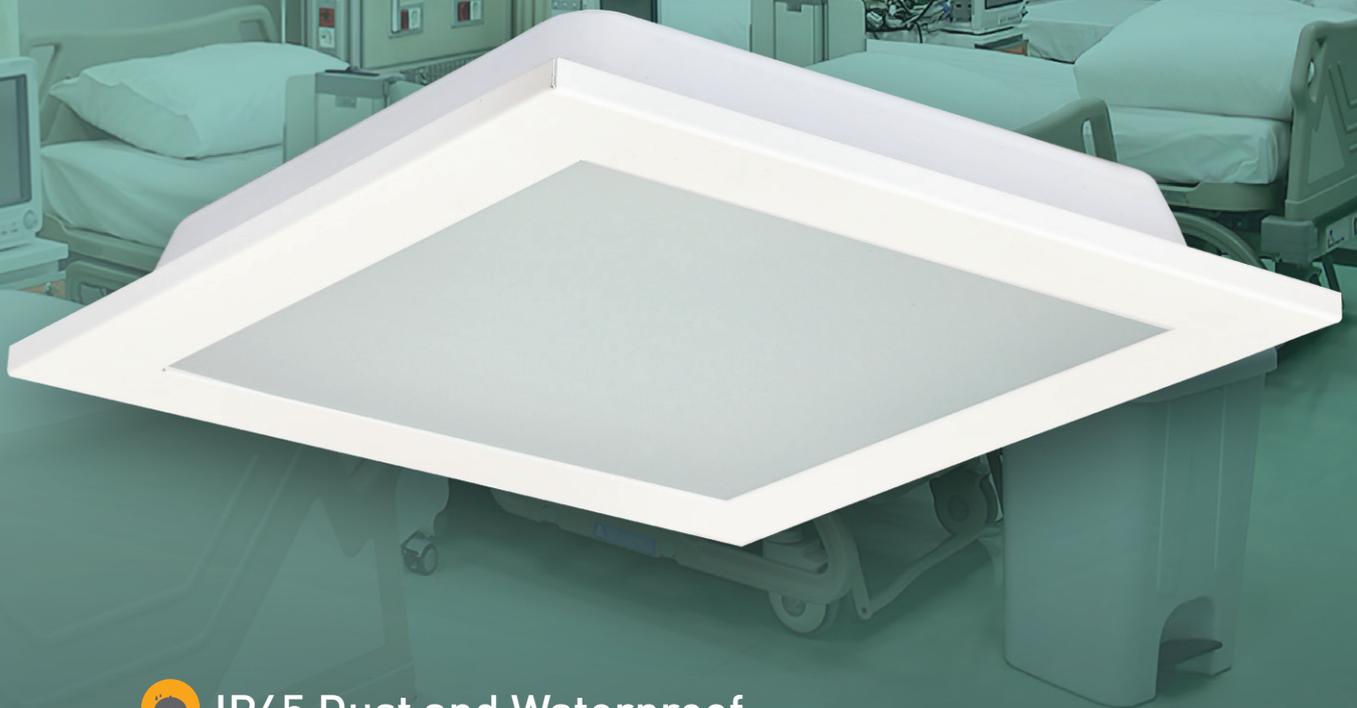
**STERILE
LUMINAIRES**

NEXALED

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NEXALED





-  IP65 Dust and Waterproof
-  Smooth Housing Design
-  Antibacterial Coating Option
-  Visual Comfort with UGR<19
-  5 Years Warranty

Smooth Housing Design

Thanks to its screwless housing structure, the **surface is completely smooth**. As there are no openings, dust and **particle accumulation** is prevented. **Cleaning procedures can be carried out easily and quickly**. It provides an ideal solution for areas requiring high hygiene standards.



IP65 Dust and Waterproof

The rear surface of the luminaire housing is designed to provide a structure that supports **hygiene requirements with a smooth finish**. The **tempered glass** used on the front surface ensures high protection against external factors. Thanks to this holistic design approach, the luminaire **meets IP65 protection class requirements**.

Easy Maintenance

The **driver unit is positioned outside the luminaire housing**. With this design, **no intervention inside the luminaire is required during maintenance operations**. Service processes can be carried out **quickly and efficiently**. This reduces maintenance time while maintaining operational continuity.

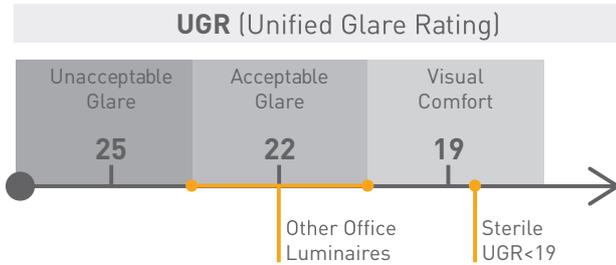


Antibacterial Coating

The special **antibacterial coating helps prevent microorganism growth**. It contributes to maintaining surface hygiene. Suitable for healthcare facilities and cleanroom applications.



Visual Comfort with UGR<19



With a **UGR<19** value, glare control is ensured at maximum level. It enhances user comfort by reducing eye fatigue. Provides uniform illumination in precision-required areas. Supports visual comfort during long-term use.

High Color Accuracy with CRI ≥ 90

With a **CRI≥90** value, colors are perceived naturally and close to reality. It ensures high visual accuracy in medical and laboratory applications requiring detailed visibility. Supports the accurate evaluation of objects and surfaces. An ideal solution for critical area lighting.



Surface Mounted and Recessed Installation

With **surface mounted and recessed installation options**, the luminaire can be easily applied to different ceiling types. Provides flexible installation suitable for project requirements. Ensures a clean appearance while preserving architectural integrity.





Mechanical Specifications

Body	Metal
IP Rating	IP65
IK Rating Body	IK08
Weight (kg)	5,4
RAL Code	9016
Dimensions (mm)	295x295x50 / 595x595x50



Electrical Specifications

Power	25 / 28 / 36W
LED Chip and Driver Brand	Samsung - ENEC Certified Driver
LED Chip Lifetime	L70 Tc@105°C >102.000h.
LED Driver Lifetime	Tc@65°C 50.000h.
Input Voltage	220-240Vac
Frequency	50-60Hz
Power Factor	>0,95
Operating Temperature	-20°C / +45°C
Class	I



Optical Specifications

Luminous Flux	3000 / 3360 / 4140lm
Efficacy	120 / 120 / 115lm/W
Lens	PMMA
Diffuser	Tempered Glass
CRI	>80 / >90
Color Standard	Quarter Bin
Colour Temperature	3000/4000/6500K



Optionals

DALI	Suitable
1hour Emergency Kit	Suitable
3hour Emergency Kit	Suitable
Surface Mounted	Suitable
UGR	Suitable



Pelsan



All your lighting needs in one adress.

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