



CLEANROOM LIGHTING

Cleanroom lighting offers optimal lighting to the required level of cleanliness in critical environments.



SPECIALISED LIGHTING TO MEET STRICT STANDARDS



Cleanroom lighting fixtures are specially designed for environments that require strict control of airborne particles and contaminants, such as pharmaceuticals, biotechnology, and electronics industries.

These fixtures must meet specific standards for particle generation and minimize the risk of contamination.

The primary goal of cleanroom facilities is to eliminate contamination and provide proper illumination for tasks.

Specific requirements



Lighting fixtures should be constructed from powder-coated steel, anodized aluminum, or stainless steel



Excellent glare control to reduce eye strain whilst delivering optimal lumens out of the luminaire



Compliant with standard of cleanroom: ISO 14644-1

Applications

Industrial cleanroom
Healthcare facilities
Food & beverage
Pharmaceuticals





TYDAN TDS

Maximize visibility and minimize contaminants to ensure a clean and secure environment in cleanroom facilities.

A slim, teardrop-shaped LED light that is optimized for cleanroom environments, **ISO 3 certified**, and **IP54 rated for damp environments**.

Tydan TDS lighting solutions enhance worker comfort, productivity and safety by reducing the risk of accidents and errors caused by inadequate lighting.

- External terminal block for easy installation
- PC extruded diffuser and end cap
- Designed for end-to-end mounting
- Robust extruded aluminum body

“Optimal cleanroom lighting design and maintenance are essential to **prevent errors and defects**, **ensure product quality**, and **maintain compliance with industry regulations**.”



CRESSIDA CRFM

Providing good visibility, producing the fewest possible contaminants when it comes to lighting - giving you peace of mind in the cleanroom facilities.

Certified **IP65, IK08 rated with class ISO 3 - DIN EN ISO 14644-1** to meet the strict standard of cleanroom environments.

Cressida CRFM provides high-quality lighting that improves the comfort and productivity of workers. Additionally reducing the risk of accidents and errors due to poor lighting conditions, contributing to a safer and more secure working environment.

- Clean screw-less magnetic cover
- Glare control
- Solid crank bracket system
- Clear diffuser layer for easy cleaning
- Options for tunable white in Circadian lighting

“By investing in cleanroom lighting, organisations can **improve safety, productivity, and quality** of the cleanroom operations while minimising the risk of costly errors and delays.”



Enlighten . Empower . Enable



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