



SRTL Cleanroom LED Recessed Luminaire

Complete Cleanroom Confidence

Building on a successful history for delivering high-quality sealed lighting fixtures, Lithonia Lighting enhances our portfolio with the SRTL Cleanroom LED recessed luminaire for uncompromised containment and control of clean spaces. The SRTL Cleanroom LED luminaires, available in 1'x4', 2'x2' and 2'x4', are ISO 3-9 (Class 100-100,000), NSF and IP66 rated to meet the distinct demands of cleanroom and containment areas.

A robotically-guided, machine-welded, hole-free enclosure reliably seals the fixture from the environment and the environment from the fixture. No leaks mean that people, products, processes and production are protected and uncompromised.

The SRTL Cleanroom LED is designed for applications in clean manufacturing, medical device production and packaging, pharmaceutical compounding and packaging, optics assembly and packaging, laboratories, healthcare, and other controlled environments.




Industries served by the SRTL Cleanroom LED:

- Aviation and Aerospace
- Biotech
- Cosmetics
- Education
- Electronics Manufacturing
- Government
- Healthcare
- Medical Device Manufacturing
- Laboratory
- Optics Assembly
- Pharmaceutical
- Life Science

Robust Offering to Meet Demanding Applications:

- Available in 1'x4', 2'x2', and 2'x4'
- Up to 12,000 lumens in 1X4, 18,000 lumens in 2X2, and 30,000 lumens in 2X4
- ISO 3-9 (US Fed Std 209E class 1 -100,000) certified
- NSF Splash Zone 2
- NSF P442
- USP 797 & 800 certified
- BioSafety Levels 1, 2, 3, & 4
- IP65 and IP66
- nLight Air Wireless control capability
- Up to 145 LPW, DLC Premium
- 80CRI, 90CRI
- 30K, 35K, 40K, 50K CCT options
- Amber LED option
- Red LED option
- Inset, Overlap door options
- Grid, Flange, Surface-mount trim options
- MIL-STD 461F Option
- IK10

Demanding Recessed LED Portfolio

Recessed	SRTL	WRTL	VRTL
	Cleanroom LED	General Purpose / Wet Location LED Troffer	Vandal-Resistant LED Troffer
Purpose	 <p>General illumination of ISO 3-9 certified clean spaces protecting people, product, processes and production from contamination from the luminaire</p>	 <p>Wet location recessed troffer for in-ceiling and lay-in grid applications. General illumination, vapor tight fixture suitable for most demanding applications because of its available fixture sizes, broad range of lumen packages and numerous control options.</p>	 <p>Vandal-resistant, damp location recessed troffer for in-ceiling and lay-in grid applications. Use in public spaces and environments that are prone to negligence, abuse or vandalism.</p>
Available Sizes	1'x4', 2'x2', 2'x4'	1'x4', 2'x2', 2'x4'	1'x4', 2'x2', 2'x4'
Lumens	1X4 - 3,000 to 12,000 lumens 2X2 - 3,000 to 18,000 lumens 2X4 - 3,000 to 30,000 lumens	1X4 - 3,000 to 12,000 lumens 2X2 - 3,000 to 18,000 lumens 2X4 - 3,000 to 30,000 lumens	1X4 - 3,000 to 12,000 lumens 2X2 - 3,000 to 18,000 lumens 2X4 - 3,000 to 30,000 lumens
Performance	Up to 145 LPW, DLC Premium	Up to 145 LPW. DLC Premium on many SKUs	Up to 125 LPW. DLC Premium on many SKUs
Housing/Construction	Robotically seam welded, hole-free 20-gauge cold rolled steel	20-Gauge Cold Rolled Steel	20-Gauge Cold Rolled Steel
Door Frame Options	Inset Door and Overlap Door; white and silver paint finishes available; stainless steel door and doorframe available	Inset and overlap door styles available; white, black and silver door colors available	Inset door style only; white and black colors available
Surface Mount	Yes, optional	No	Yes, optional
Vandal Resistant	No	No	Yes, includes 18-Gauge steel doorframe, polycarbonate lens and tamper-resistant fasteners
Cleanroom Rating	ISO 3-9 (Class 1 - 100,000)	N/A	N/A
IP Ratings	IP65 and IP66	P65, IP66 (roomside only)	Damp location rated; Wet location option available
Environmental Ratings & Certifications	NSF non-food splash zone 2; NSF P442 pressurized leakage; NEMA 4X; USP 797 & 800 (pharmaceutical)	NSF, non-food splash zone 2 (overlap door only)	No
BioSafety	Suitable for all levels BSL1, BSL2, BSL3, & BSL4	N/A	N/A
Military Specification	Option meets MIL-STD 461F for interference	N/A	N/A
Temperature Range	-4°F (-20°C) to 104°F (40°C) - see spec sheet for exceptions	-4°F (-20°C) to 104°F (40°C) - see spec sheet for exceptions	-4°F (-20°C) to 104°F (40°C) - see spec sheet for exceptions
CCT	3000K, 3500K, 4000K, 5000K, Amber (570nm), Red (630nm)	3000K, 3500K, 4000K, 5000K	3000K, 3500K, 4000K, 5000K
CRI	80, 90 w/ high R9 value	80, 90 w/ high R9 value	80, 90 w/ high R9 value
Emergency Backup	Yes, available as option	Yes, available as option	Yes, available as option
Acuity Controls	Yes, available as option	Yes, available as option	Yes, available as option



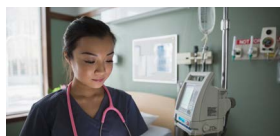
Pharmaceutical

The SRTL Cleanroom LED luminaire is suitable for general illumination of cleanroom methods involving compounding, mixing and filling. Its ISO-5 rating prevents cross-contamination and also prevents the introduction and proliferation of contaminants from the luminaire.



High-Tech

The SRTL Cleanroom LED luminaire is suitable for general illumination of cleanroom activities involving micromechanics, microelectronics and semiconductors while keeping sensitive equipment and precision production from contamination.



Healthcare

The SRTL Cleanroom LED luminaire is suitable for general illumination of cleanroom practices in the Healthcare sector. It helps safeguard patients and staff from micro-organisms while also protecting sterile manufactured products from contamination due to the luminaire.

Visit www.lithonia.com for more information.