



Cleanroom & Demanding Troffer

Industrial Troffer (HIT)

Typical Applications

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

The HIT Troffer combines visually comfortable performance with an assortment of top-of-the-line ratings and listings. HIT provides general illumination of clean spaces while protecting people, products, processes, and production from contamination from the luminaire. This recessed luminaire is designed for clean manufacturing, pharmaceutical, healthcare, and other controlled environments.

HIT leverages vertical integration with nLight® controls to provide industry-leading performance. The product provides a robust offering of lumen packages, options, and color temperatures, including Amber and Red LEDs. The HIT product offering compliments HoloPhane's expansive product portfolio for demanding and general applications.

- + 3 sizes (1x4, 2x2, 2x4)
- + Lumen packages from 3,000 to 30,000 lumens
- + Amber & Red LED options
- + Programmable with nLight® AIR
- + Top access option
- + Top tier ratings
- + Grid, flange, and surface-mount options



HIT Cleanroom Troffer

Industrial Troffer



USP 797 & USP 800 certification means HIT can be used in pharmaceutical compounding spaces where sterile protection is needed and people administering medicine are at risk of being affected.



Biosafety levels 1, 2, 3, & 4 make HIT the right solution for labs containing infectious agents and toxins in the space where contamination control is critical.



Built with the highest level of quality to stand up to the most challenging environments... ISO 3-9 cleanroom certified, IP65, IP66, NEMA 4X, NSF P442, NSF splash zone 2, MIL-STD-461G.

Built for Demanding Environments

Options for Every Application

HIT has you covered with a wide selection of CCT options for general illumination needs, from 3000 to 5000K. HIT includes Amber (570nm) and Red (631nm) spectrum lighting choices to meet the requirements for spaces such as semiconductor manufacturing, pharmaceutical manufacturing & compounding, and animal research labs.

ISO 3-9 Cleanroom Certified

(Fed Std 209E class 1 – 100,000) - ISO 14644-1:2015 is the international standard that addresses the classification of air cleanliness by particle concentration in cleanrooms and clean zones. ISO 14644-1 replaced Fed Std 209E in 2001 as the international standard for cleanrooms to be designed to.

The classes, from 1 to 9, are classified in order according to the number and size of particles permitted per volume of air (measured in cubic meters). The cleanroom classifications also provide how often air should change (using fan filter systems) per hour.

NEMA 4X

This rating, established by the National Electrical Manufacturers Association, is a rating for an outdoor electrical enclosure that includes a gasketed design to protect against liquid and solid ingress, is suitable for indoor or outdoor use, and is resistant to corrosion.



Amber LEDs



Red LEDs



Warranty: Five-year limited warranty. Full warranty terms located at <https://www.acuitybrands.com/support/warranty>

Product specifications may change without notice. Please contact your sales representative for latest product information. Contact your local HoloPhane factor sales representative for application assistance, and computer-aided design and cost studies.