

## 100W Low Profile Clean Room LED - 2x4 Lay-In Troffer - C1D1 C2D2 - ISO 14644/FS-209E Rated - 140°

**HALD-48-2X50LED-V2-140DB**



### HALD-48-2X150LED-V2-140DB-140DB HAZLOC Lay-In Panel Mount Light

**Listing:** United States - Canada

**Lamp Type:** Cree LED

**Dimensions:** 48"-L x 24"-W x D-4.5"

**Flange Dimensions:** 48"L x 24"W

**Weight:** 75 lbs

**Voltage:** 100-277 Volts AC, 50/60Hz or 11-25 Volts AC/DC

**Total Watts:** 100W

**Total Lumens:** 14,000

**Luminous Efficacy:** 140 Lm/W

**Lamp Life:** 60,000+ Hours

**Color Temp:** 5600K, 4500K, 3000K

**Color Rendering Index:** >75 CRI

**Beam Angle:** 140°

**Lighting Configuration:** Flood Pattern

**Power Efficiency:** >95%

**Mounting:** Recessed Panel Mounting

**Power Factor:** 0.992

**Ambient Operating Temp Range:** -50°C to +65°C

**Operating Temp Rating:** T5

**Housing Material:** Steel

**Housing Finish:** Powder Coated - White

**Lens Material:** 1/8" Polycarbonate

**Mounting:** Recessed Panel Mounting

**Wiring Hub:** 3/4" NPT

### LED Driver Specs

**Input Voltage:** 100-277 Volts AC

**Input Current:** 1.8A Max

**Power Factor:** >98%

**Efficiency:** >88%

**Output Voltage:** 54V Max

**Output Current:** 2.1A

### Ratings/Approvals

Listed for United States and Canada

Class I, Divisions 1 & 2, Groups C and D

Class II, Divisions 1 & 2, Groups E,F,G

Class III, Divisions 1 & 2

FS-209E Clean Room Rated

ISO 14644 Clean Room Rated

Certified to UL 844 Ed. 13

Certified to UL 1598

Certified to C22.2 No. 137 Rev 2009

Certified to C22.2 No. 250.0

Certified to C22.2 No. 30-M-1986 Rev 2012

T5 Temperature Rating

IEC 60529 Tested

IP67 Rated Waterproof

LEL Approved

Multiple Driver Banks

80% Lumen Retention after 60,000 Hours

Factory Sealed Light Fixture

Made in the USA

### Special Orders- Requirements

Contact us for special requirements

**Toll Free:** 1-800-369-6671

**Intl:** 1-903-498-3363

**E-mail:** [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com)



**Options:**

**HALD-48-2X50LED-V2-140DB-Voltage-Color Temp-Beam Config**

**Example: HALD-48-2X50LED-V2-140DB-1227-1227-60B**

Voltage	
120-277V AC	-1227
11-25V AC/DC	-1224

Color Temp	
5600K	-1227
4500K	-1224

Beam Config	
60°	-60B
125°	-125B
140°	-140B

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