**HBTSF24: LED Ceiling Troffer - Imperial Dimensions**

**MedLux® HBTSF24 MRI-Safe 2x4 LED High-Bright Troffer**

**HIGHLIGHTS**
- 5-Year Limited Warranty
- LED
- 100% MRI-Safe Non-Ferrous Construction
- Fully-Assembled Light Boxes
- Optional Dimming
  - Only with MedLux Proprietary Dimming Systems, or with third party controls and MedLux XLIM.
- Easy to Install
  - Class 2 wiring, plug-and-play connections
- Designed for New Construction or Retrofit
- No Field Assembly of Light Boxes is Required

**CATALOG# | TYPE**

**JOB NAME |**

**NOTES |**

**INCLUDED**
- - LED Lightbox(es)
- - Power Supply in NEMA-Rated Enclosure
- - Class 2 Distribution Panel/Fuse Box (NEMA-rated) - includes fixture power cables
- - Installation Diagram and Manual

**NOT INCLUDED**
- - Filters*
- - Ceiling Grid Components
- - Decorative Trim/ Molding
- - MAINS Power Connection Components & Switches
- - Installation

* Available - sold separately

**LIGHTBOX SPECIFICATIONS**

**CONSTRUCTION:** Single piece construction consists of 0.04” thick fabricated aluminum with spot-welded seams. Leading edge of return is hemmed for rigidity and straightness. Hems also provide a smooth, rolled surface, which prevents scratching of graphic panels. All inner and outer surfaces receive a durable, reflective white powder coat finish.

**DIMENSIONS:** 47.75” x 23.75” x 5.5”

**CEILING CLEARANCE:** 9.0” above the inside of the drop ceiling grid framework. Suspension ceiling installation requirements vary. Consult with your local building authority for code compliance.

**WEIGHT:** 12 lb (weights do not include diffuser panel)

**LIGHT SOURCE:** White high-power Nichia LEDs. 80,000 hours useful life/ 50,000 L70

**LUMINANCE:** (surface brightness) 5142 Net Lumens (640 fc) - Measurement taken at face of translucent acrylic panel.

**EFFICACY (LM/WATT):** 57.0

**COLOR TEMPERATURE:** 3500°K (+/- 600°K), CRI: 85

**DIFFUSER PANEL:** Translucent acrylic (Satin Ice - 80% light transmission) - 47.75” x 23.75” x 1/4”

**ELECTRICAL CONNECTIONS:** Single pigtail connection system

**POWER SUPPLY SPECIFICATIONS**

**POWER SUPPLY TYPE**

**MODEL:** ELT600-48

**DIMENSIONS:** 14” x 12” x 6”

**WEIGHT:** 30 LB

**INPUT VOLTAGE:** 120/240 Volts AC

**INPUT CURRENT:** 6.4/3.2 Amps (max)

**INPUT POWER:** 770 VA

**OUTPUT VOLTAGE:** 48 Volts DC

**OUTPUT CURRENT:** 11.3 Amps (max)

Must be used with current limiter module for Class 2 installations.
DIMMING CONTROLS
Each keypad controls a single zone of up to 6 - 2x4s. Each zone requires a separate dimmer.
MedLux® HBT fixtures will not interface with 3rd party dimming controls without the use of our proprietary XLIM device. A separate module is required for each dimming zone.
3-Way dimming using MedLux dimmers is not currently available.

CR  MEDULX® CONTROL ROOM DIMMER KIT (Dimmer Control Keypad in Control Room)

SR  MEDULX® SCAN ROOM DIMMER KIT (Dimmer Control Keypad in Scan Room)

DD  XLIM DIGITAL DIMMER KIT (Interface module in Equipment Room ONLY)  Compatible with most 0-10V, PWM, or DSCI (Digital Serial Communications Interface) devices

NOTE: An interface module from the lighting control panel provider may also be required.

ORDERING INFORMATION
For quote requests and PO's, create your system number by filling in A, B and C below.

CREATE YOUR SYSTEM NUMBER HERE:

Please take a moment to provide the following project- specific information for our records, Thank You.

MAGNET

RF SHIELD PROVIDER

LED MEDICAL LIGHTING TECHNOLOGY
Manufactured in USA. Meets the Buy American requirements under the ARRA.

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