

MedLux® HBTSF22

MRI-Safe 2x2 LED High-Bright Troffer

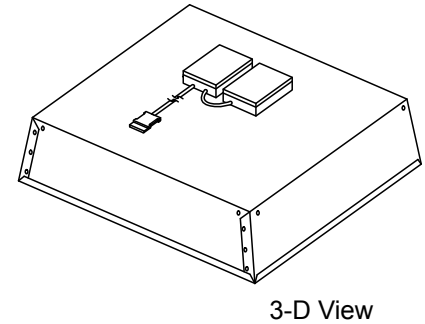
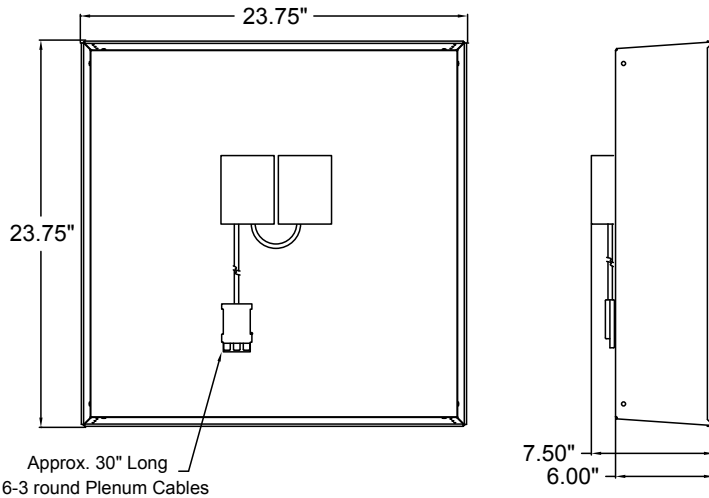
CATALOG#			TYPE
JOB NAME			
NOTES			

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



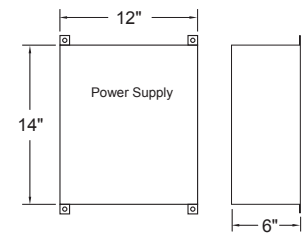
FIXTURE TYPE
High-Bright Troffers

INCLUDED	NOT INCLUDED
- LED Lightbox(es)	- Filters*
- Power Supply in NEMA-Rated Enclosure	- Ceiling Grid Components
- Class 2 Distribution Panel/Fuse Box (NEMA-rated) - includes fixture power cables	- Decorative Trim/Molding
- Installation Diagram and Manual	- MAINS Power Connection Components & Switches
	- Installation
	* Available - sold separately



- Notes:
1. Dimensions are in inches
 2. Fixtures for indoor use and installation only
 3. Troffer units are not for use in Plenum ceilings
 4. Troffer units are built to UL-48 specifications

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: 23.75" x 23.75" x 7.5"
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: 7 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) 2571 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) - 23.75" x 23.75" x 1/8"
ELECTRICAL CONNECTIONS: Single pigtail connection system
INPUT VOLTAGE: 48 Volts DC
INPUT CURRENT: 0.94 Amps
INPUT POWER: 45 Watts
DIMMING: Dimming is not required for operation. Optional ADDER - MedLux PWM dimmer system. MedLux Troffers are not compatible with any other type of wall dimmer unless connected with a MedLux XLIM device. Dimmer Control Keypad can be installed in or out of the scan room and mounts in standard wall box with minimum 3" depth. Dimming signals are Class 2 low voltage, routed through the power feed cables. Smooth dynamic operation without change in color temperature throughout the dimming range. Each dimming zone requires a separate dimmer.
SAFETY AGENCY LISTING: File No. E6733 Vol. 1 Sec. 75 USL/CUL per UL48; CSA C22.2 No. 207



POWER SUPPLY SPECIFICATIONS	
	POWER SUPPLY TYPE
	1
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

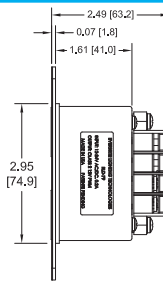
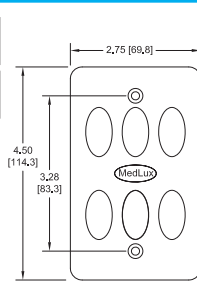
Each keypad controls a single zone of up to 12 - 2x2s.
Each zone requires a separate dimmer.

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.

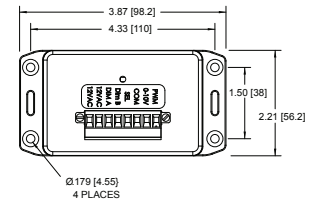
3-Way dimming using MedLux dimmers is not currently available.

CR

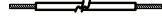
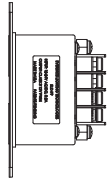
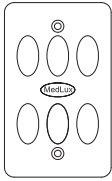
SR



DD



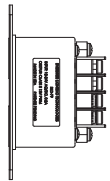
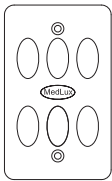
CR MEDLUX® CONTROL ROOM DIMMER KIT (Dimmer Control Keypad in Control Room)



CONTROL ROOM DIMMER KIT CONTENTS

DESCRIPTION	QTY
Dimmer Assembly	1
PLTC, #18AWG, 2-Twisted Pair, 100FT	1
Transformer Kit, 16VAC	1

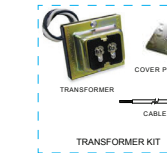
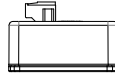
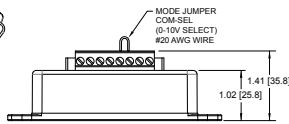
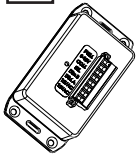
SR MEDLUX® SCAN ROOM DIMMER KIT (Dimmer Control Keypad in Scan Room)



SCAN ROOM DIMMER KIT CONTENTS

DESCRIPTION	QTY
Dimmer Assembly	1
Cable, Plenum, 16-3 CL3P, 50FT	1

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



DIGITAL DIMMER KIT CONTENTS

DESCRIPTION	QTY
XLIM Dimmer Interface Assembly	1
Transformer Kit, 16VAC	1

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.

MODEL	SIZE	A TOTAL TROFFERS	B DIMMING CONTROLS	POWER SUPPLY TYPE	C NUMBER OF CIRCUITS
HBTSF	22	01 - 12	NN No Dimmer CR Control Room Dimmer SR Scan Room Dimmer DD Digital Dimmer (XLIM) Control Room ONLY DD: Lighting Control Panel MFG ▲ DD: Lighting Control Panel Model# ▲	1	Enter 01 to 12 ► TOTAL HBTS (A) TOTAL HBTS (A) 01 01 07 07 02 02 08 08 03 03 09 09 04 04 10 10 05 05 11 11 06 06 12 12
High-Bright Troffer CEILING STANDARD (Imperial) MRI-SAFE					
2' x 2'					

Again, using the "TOTAL Troffers" (A) - Find that number in the left-hand column below and write in the corresponding CIRCUIT count that appears to the right.

CREATE YOUR SYSTEM NUMBER HERE: HBTSF 22 [A] [B] - 1 [C] [C]

Please Note:
Filters are typically supplied by the RF Shield provider and are NOT included with your order.

If needed, filters are available for purchase.

Facility Filter
P/N 019-00011

Signal Filter
P/N 019-00009

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



MAGNET

GE HITACHI PHILIPS SIEMENS TOSHIBA OTHER

MFG

MODEL

TESLA 1.0 1.5 3.0 OTHER

Open Closed

RF SHIELD PROVIDER

BRADEN ETS-LINDGREN PDC GLOBAL PARTNERS IN SHIELDING IMEDCO UNIVERSAL SHIELDING

OTHER



Everbrite Lighting • 401 Koopman Lane • Elkhorn, WI 53121
(800) 610-6053 • elt@everbrite.com • www.everbritelighting.com

Manufactured in USA. Meets the Buy American requirements under the ARRA.



L E D M E D I C A L L I G H T I N G T E C H N O L O G Y

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