

# MedLux® Ceiling GPI

## MRI-Safe LED Graphic Panel Illuminator – 4x4

CATALOG#			TYPE
JOB NAME			
NOTES			

HIGHLIGHTS
<b>5-Year Limited Warranty</b>
<b>LED</b>
<b>100% MRI-Safe Non-Ferrous Construction</b>
<b>Fully-Assembled Light Boxes</b>
<b>Optional Dimming</b> Only with MedLux Proprietary Dimming Systems or with third party controls and MedLux Interface
<b>Easy to Install</b> Class 2 wiring, plug-and-play connections
<b>Designed for New Construction or Retrofit</b>
<b>Wide Selection of High-Quality Imagery</b>

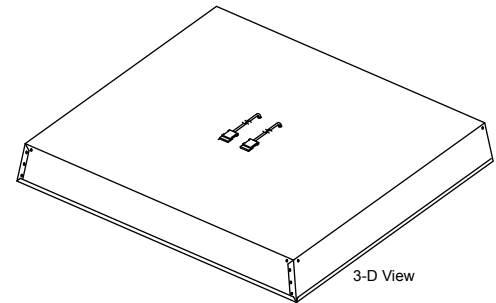
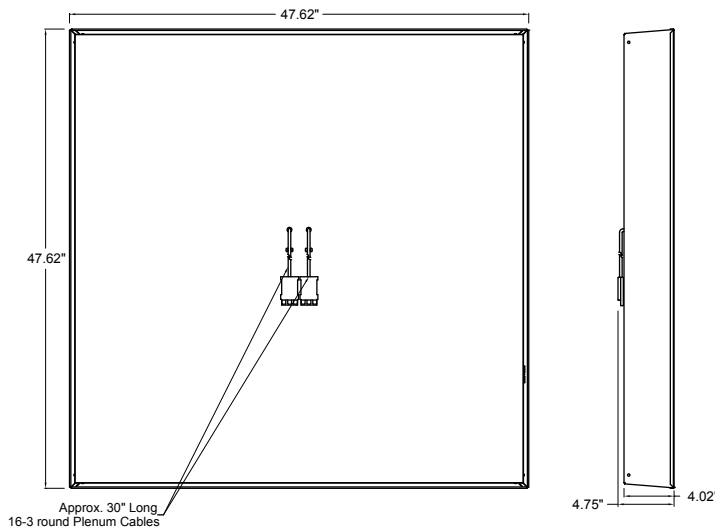


FIXTURE TYPE

### Patient Comfort

**Please Note:** Patient-comfort fixtures are NOT intended for use as luminaires/task lighting

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



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

### LIGHTBOX SPECIFICATIONS

**CONSTRUCTION:** Single piece construction consists of 0.04" thick fabricated aluminum with riveted seams. Leading edge of return is hemmed in order to made rigid and straight. 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:** 47.62" x 47.62" x 4.75"

**CEILING CLEARANCE:** 5.5" above the inside of the drop ceiling grid framework

**WEIGHT:** 20.60 lb (excluding graphic panel)  
Suspension ceiling installation requirements vary. Consult with your local building authority for code compliance.

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

**LUMINANCE:** (surface brightness) (1500 lux) (+/- 10%)  
Measurements taken from translucent white acrylic panel. Lux levels will vary depending on graphic image used.

**COLOR TEMPERATURE:** 5000°K (+/- 600°K)

**GRAPHIC PANELS:** 47.75" x 47.75" x 1/4" - Digitally printed first surface to 1/4" milk plex with gloss laminate

**ELECTRICAL CONNECTIONS:** Dual pigtail/connections system

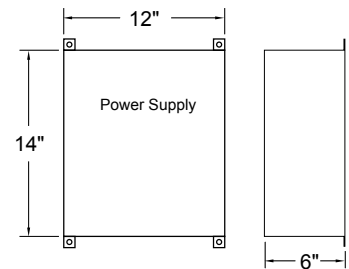
**INPUT VOLTAGE:** 48 Volts DC

**INPUT CURRENT:** 0.88 Amps

**INPUT POWER:** 44 Watts

**DIMMING:** Dimming is not required for operation. Optional ADDER - proprietary PWM dimming system or 0-10 volt using DD option. MedLux GPI fixtures are not compatible with any other type of wall dimmer unless connected with a MedLux XLIM interface. 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
	<b>1</b>
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.	

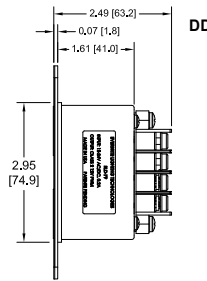
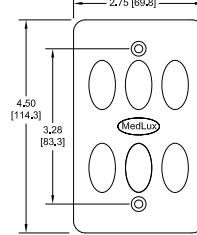
## DIMMING CONTROLS

Each keypad controls a single zone of up to 10 - 4x4s.  
Each zone requires a separate dimmer.

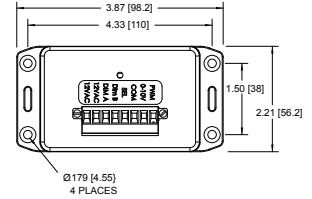
MedLux® GPI fixtures will not interface with 3rd party dimming controls without the use of our proprietary XLIM device. A separate module is required for each dimming zone.

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

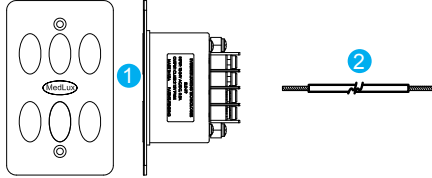
CR  
SR



DD

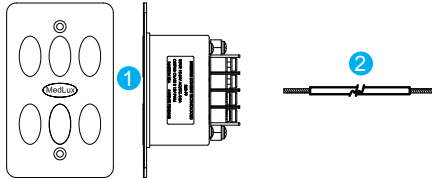


### CR MEDLUX® CONTROL ROOM DIMMER KIT (Dimmer Control Keypad in Control Room)



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

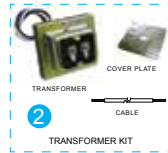
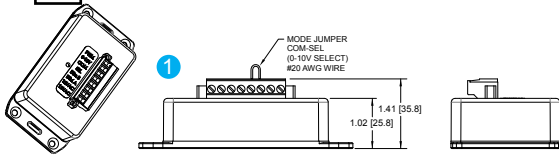
### SR MEDLUX® SCAN ROOM DIMMER KIT (Dimmer Control Keypad in Scan Room)



DIMMER KIT CONTENTS		
ITEM#	DESCRIPTION	QTY
1	Dimmer Assembly	1
2	Cable, Plenum, 16-3 CL3P, 50FT	1

### DD XLIM DIGITAL DIMMER KIT (Dimmer Control Keypad in Control Room ONLY)

Compatible with most 0-10V, PWM, or DSCI (Digital Serial Communications Interface) devices



DIMMER KIT CONTENTS		
ITEM#	DESCRIPTION	QTY
1	XLIM Dimmer Interface Assembly	1
2	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, C and D below.

MODEL	SIZE	A TOTAL GPis	B DIMMING CONTROLS	C IMAGE	POWER SUPPLY TYPE
GC4SF	44 4' x 4'	01 - 10	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# ▲	X Without W WITH	1

CREATE YOUR SYSTEM NUMBER HERE: GC4SF 44 [A] [B] [C] - 1 [D]

D

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

NUMBER OF CIRCUITS	
TOTAL GPis (A)	CIRCUIT
01	01
02	02
03	03
04	04
05	05
06	06
07	07
08	08
09	09
10	10

**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



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



LED MEDICAL LIGHTING TECHNOLOGY

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