

# MedLux® Ceiling GPI

## MRI-Safe LED Graphic Panel Illuminator – 2x4

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>	

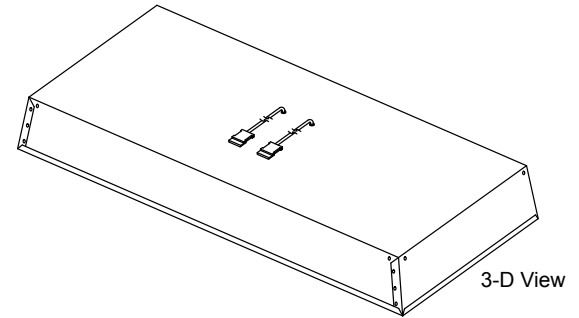
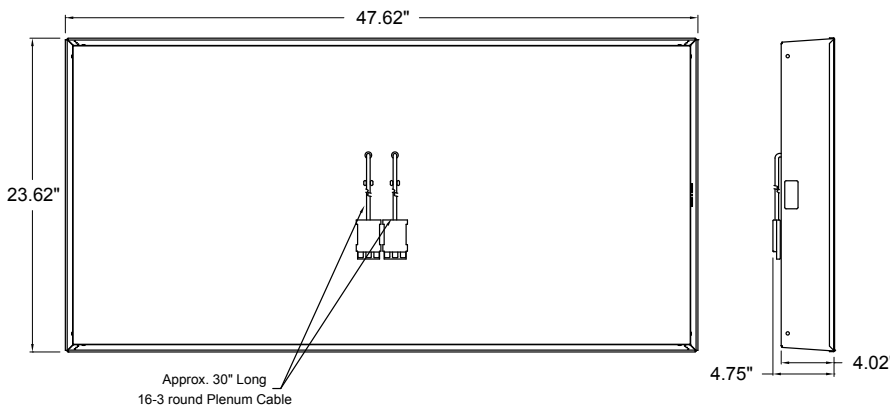


FIXTURE TYPE

### Patient Comfort

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

INCLUDED	NOT INCLUDED
LED Lightbox(es) Power Supply in NEMA-Rated Enclosure Class 2 Distribution Panel/Fuse Box (NEMA-rated) - includes fixture power cables Installation Diagram and Manual	Filters* Graphic Panels* Ceiling Grid Components Decorative Trim/Molding MAINS Power Connection Components & Switches 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 23.62" x 4.75"

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

**WEIGHT:** 10.35 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:** 23.75" x 23.75" x 1/4" - Digitally printed first surface to 1/4" milk plex with gloss laminate

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

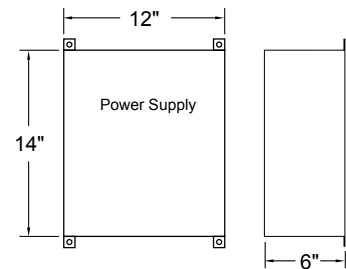
**INPUT VOLTAGE:** 48 Volts DC

**INPUT CURRENT:** 0.45 Amps

**INPUT POWER:** 22 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.

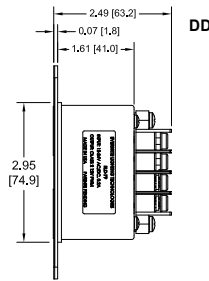
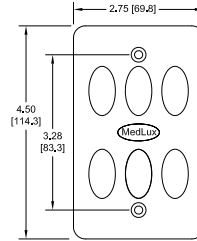
## DIMMING CONTROLS

Each keypad controls a single zone of up to 20 - 2x4s.  
Each zone requires a separate dimmer.

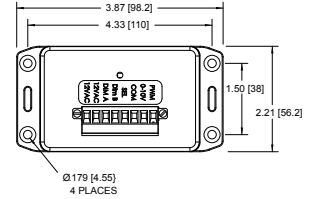
MedLux® GPI fixtures will not interface with 3rd party dimming controls without the use of our proprietary XLIM device. A separate module is required for each dimming zone.

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

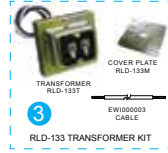
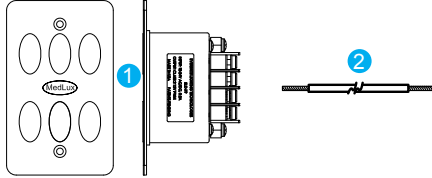
CR  
SR



DD

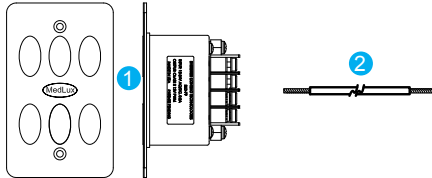


### CR MEDLUX® CONTROL ROOM DIMMER KIT (Dimmer Control Keypad in Control Room)



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

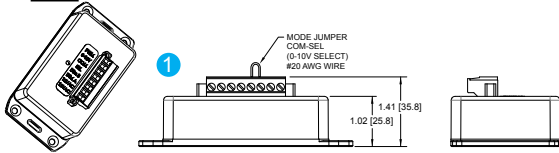
### SR MEDLUX® SCAN ROOM DIMMER KIT (Dimmer Control Keypad in Scan Room)



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	24	01 - 20	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 24 [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	
Enter 1 to 06 ▶	[ ] [ ]
TOTAL GPIs (A)	▲
01 - 03	01
04 - 06	02
07 - 09	03
10 - 12	04
13 - 15	05
16 - 18	06
19 - 20	07

**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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