

MedLux® Ceiling GPI

NON-MRI LED Graphic Panel Illuminator – 4x4

CATALOG#			TYPE
JOB NAME			
NOTES			

HIGHLIGHTS
5-Year Limited Warranty
LED
Fully-Assembled Light Boxes
Dimmable Only with MedLux Proprietary Dimming Systems Optional adder, NOT required for operation
Easy to Install Class 2 wiring, plug-and-play connections
Designed for New Construction or Retrofit
Wide Selection of High-Quality Imagery



FIXTURE TYPE

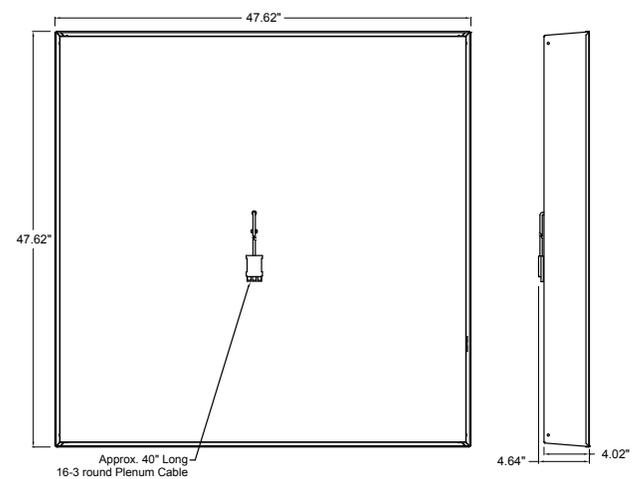
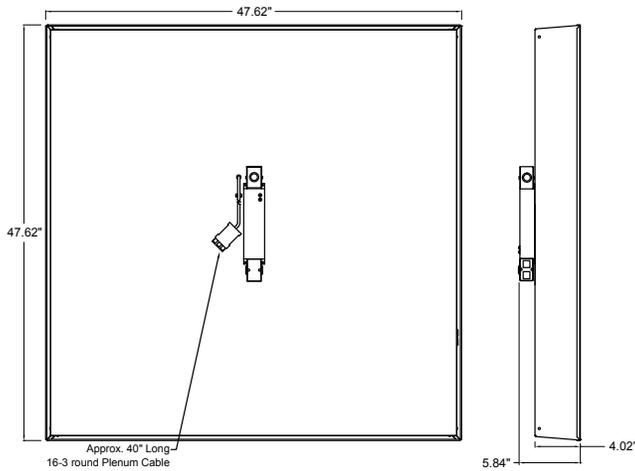
Comfort Viewing

Please Note: fixtures are NOT intended for use as luminaires/task lighting

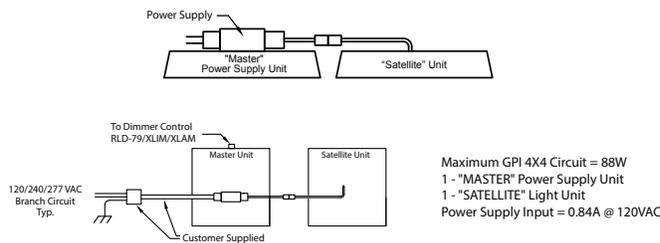
INCLUDED MASTER LED Lightbox(es) with Integral Power Supply SATELLITE LED Lightbox(es) if applicable Graphic Panels Secondary Power Cable(s) Installation Diagram and Manual	NOT INCLUDED Ceiling Grid Components Decorative Trim/Molding MAINS Power Connection Components & Switches Installation
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MASTER 4X4 GPI WITH INTEGRAL POWER SUPPLY

SATELLITE 4X4 GPI



Notes: 1. Dimensions are in inches 2. GPI units are not for use in Plenum ceilings 3. GPI units are built to UL-48 specifications



- Notes:
1. Must be grounded or bonded per National Electric Code and all local electric codes.
 2. Do not connect more than specified number of GPI units listed.
 3. Connector of power supply provides 48VDC to connector of "satellite" light units.
 4. See sheet 2 "Non-MRI LED Graphic Panel Illuminator - power supply, wiring and dimmer option".
 5. MedLux LED Ceiling Graphic Panel Illuminators (GPI) for indoor use and installation only.

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 - Master: 47.62" x 47.62" x 5.84", **Satellite:** 47.62" x 47.62" x 4.64"

CEILING CLEARANCE: 6.5" Minimum clearance required for non-MRI systems

WEIGHT - Master: 23.00 lb, **Satellite:** 20.60 lb (excludes 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" each - Duratrans/transparencies mounted first surface to 1/4" milk plex with gloss laminate

ELECTRICAL - Master: GPI includes integral power supply. **Satellite:** GPI obtains power from the Master. One (1) Master will power one (1) Satellite.

INPUT VOLTAGE - Master: 100-277VAC 50/60 Hz Satellite: 48 Volts DC

INPUT CURRENT - Master: 1.4 Amps max. Satellite: 0.92 Amps

INPUT POWER - Master: 140 Watts max. Satellite: 45 Watts

DIMMABLE: Optional ADDER. Dimming is not required for operation, however, MedLux GPI fixtures are not compatible with any other type of wall dimmer. Dimmer Control Keypad mounts in standard wall box with minimum 3" depth. Class 2 low voltage, easy plug-in type connections. Smooth dynamic operation without change in color temperature throughout the dimming range.

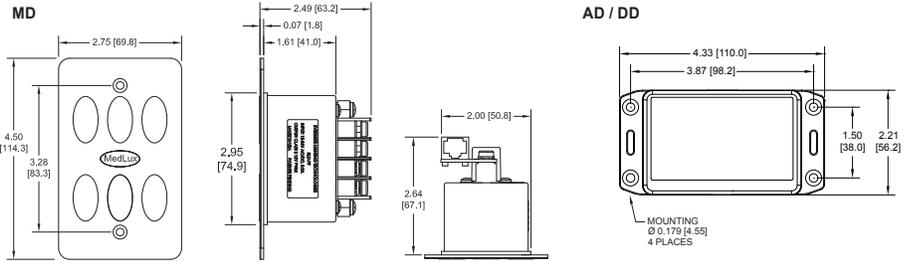
SAFETY AGENCY LISTING: File No. E6733 Vol. 1 Sec. 75 USL/CUL per UL48; CSA C22.2 No. 207

DIMMING CONTROLS

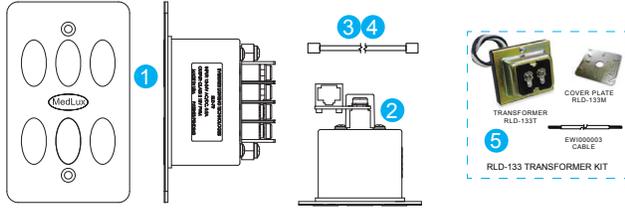
Each keypad controls a single zone of up to 12 - 4x4s. Each zone requires a separate dimmer.

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

3-Way dimming is not currently available.

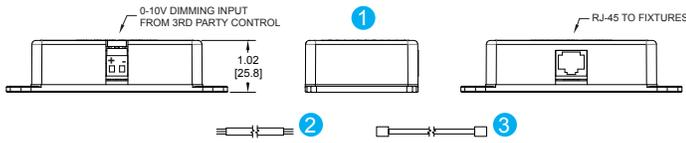


MD: MEDLUX® DIMMER KIT RLD-179



DIMMER KIT CONTENTS			
ITEM#	PART#	DESCRIPTION	QTY
1	RLD-79	Dimmer Assembly	1
2	RLD-75	TB Mount RJ-45 PCB	1
3	RLD-37	Patch Cable, RJ-45, 25FT	1
4	RLD-36-10	Patch Cable, RJ-45, 10FT (XX-MASTER GPIs minus 1)	XX
5	RLD-133	Transformer Kit, 16VAC	1
[1] RLD-133T Transformer/[1] EW1000003 Cable, 15FT/[1] RLD-133M Cover Plate			

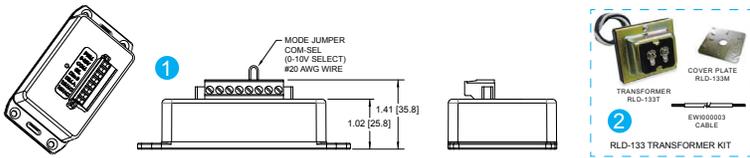
AD: ANALOG DIMMER KIT RLD-192 (XLAM ANALOG DIMMING INTERFACE) Compatible with 4-wire 0-10V dimmers ONLY!



DIMMER KIT CONTENTS			
ITEM#	PART#	DESCRIPTION	QTY
1	RLD-182	XLAM Dimmer Interface Assembly*	1
2	EW1000003	Cable, Dimming Input, 15FT**	1
3	RLD-37	Patch Cable, RJ-45, 25FT	1

* Operating power is supplied by MASTER GPI via RJ-45 cable
** Dimming input cable supplied for use with 3rd party control

DD: XLIM DIGITAL DIMMER KIT (Dimmer Control Keypad) Compatible with most 0-10V, PWM, or DSCI (Digital Serial Communications Interface) devices



DIMMER KIT CONTENTS			
ITEM#	PART#	DESCRIPTION	QTY
1	RLD-183	XLIM Dimmer Interface Assembly	1
2	RLD-133	Transformer Kit, 16VAC	1
[1] RLD-133T Transformer/[1] EW1000003 Cable, 15FT/[1] RLD-133M Cover Plate			

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

ORDERING INFORMATION

MODEL	SIZE	TOTAL GPIs	DIMMING CONTROLS	IMAGE	MASTER GPIs	SATELLITE GPIs
GC4SN	44	01 - 12	NN No Dimmer MD MedLux Dimmer AD Analog Dimmer (XLAM) 0-10V Input DD Digital Dimmer (XLIM)	X Without W WITH *W requires Spec Sheet GSGRAPHICS22 accompany this sheet when submitted	Enter 1 to 6 ▶ 1 TOTAL GPIs (A) 01 - 02 1 03 - 04 2 05 - 06 3 07 - 08 4 09 - 10 5 11 - 12 6	Enter 00 to 06 ▶ 00 TOTAL GPIs (A) 01 00 02 - 03 01 04 - 05 02 06 - 07 03 08 - 09 04 10-11 05 12 06
GPI CEILING STANDARD (Imperial) NON-MRI		4" x 4"	AD/DD: Lighting Control Panel MFG ▲ AD/DD: Lighting Control Panel Model# ▲			

NOTE: MASTER GPIs (B) and SATELLITE GPIs (C) added together must equal TOTAL GPIs (A).

SAMPLE: GC4SN 44 06 NNW - 303



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



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