

# Medical Patient Room Troffers: ML-GFPR-LED

6"x24" & 6"x48" LED Recessed Luminaire

- **For Patient Rooms**
- **2-Way Switching for Exam/Ambient Modes**
- **Available with Low Voltage Controller Setup**
- **Frosted Acrylic Lens for glare reduction**
- **0-10v Dimming to 1% standard**
- **B.A.A. & B.A.B.A Compliant & Made in the USA by a Family Owned US Corporation**



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## ORDERING GUIDE

Series	Material	Size	LED Type	CCT/CRI	Voltage	Options
	<b>1</b>					
Series	Material	Size	Light Source		Voltage	Options
			LED Type	CCT/CRI		
<b>ML-F/PR</b> Flange Install	<b>1</b> White CRS Hsg.	<b>6x48</b> 6" x 48" Housing	<b>LEDR</b>	<b>80 CRI:</b>	<b>120V</b>	<b>FC</b> Fuse & Holder (One Supplied Per Circuit)
		<b>6x24</b> 6" x 24" Housing	<b>LEDH</b>	<b>830</b> 3000K	<b>277V</b>	<b>EM10</b> 10W Integral LED EM
<b>ML-G/PR</b> Grid Install				<b>835</b> 3500K	<b>UNV</b>	<b>RFI</b> Providing with RF Filter for each circuit
				<b>840</b> 4000K	<b>347V*</b>	<b>LVC</b> Low Voltage Controller (Non Dimming)
				<b>850</b> 5000K		<b>10KV</b> 10KV Parallel Surge Protection (One Supplied Per Circuit)
				<b>90+ CRI:</b>		<b>AMW</b> Anti-Microbial White Powdercoat
				<b>935</b> 3500K		<b>LVC-DM</b> Low Voltage Controller with Dimming
				<b>940</b> 4000K		<b>D20FF</b> 0-10V Dimming to 1% with Dim to Off
						Note: Two circuits, ambient and exam, are provided as standard.

Ordering Notes, if Applicable

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## SPECIFICATIONS

**HOUSING:** Formed and Welded 20Ga Steel housing. Flange housing is provided with factory installed flange kit.

**REFLECTOR:** Full reflector panel designed to enhance asymmetric distribution. High reflectance white powder coat finished (minimum reflectivity 92%).

**LENS:** One piece frosted linear regressed acrylic lens conceals lamp image.

**LEDS:** Commercially available in a wide variety of Color Temperature (CCT), FLUX, and CRI. Highly efficient and consistent color maintained to 3 SDMC for color critical applications. B50/L70 and compliant with Zhaga recognized hole patterns. Consult factory for LED options or configurations not listed below.

**DRIVERS:** Standard Universal Voltage Class 2 drivers are 0-10v Dimmable to 1%. They come with at least 2.5Kv surge protection, have less than 10% THD at max load, Ballast Factor Greater than .95 and are programmable to match specific lumen or wattage requirements. Drivers with higher input voltage ratings are available, consult factory for driver specifications.

**INSTALL GRID:** Suitable for recessed Non-IC installation into covered ceilings. Adjustable Zee-brackets provide even support. See options for integrated seismic support brackets. Wireway access is through a removable plate containing two silicone sealed knockouts. Note: This fixture is not for plaster or drywall ceilings.

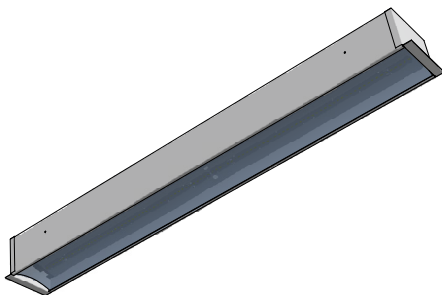
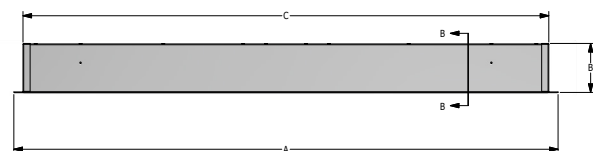
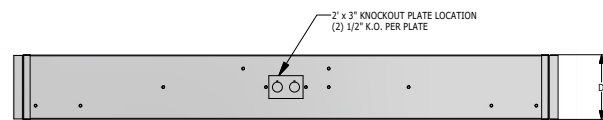
**INSTALL FLANGE:** Suitable for recessed Non-IC installation into covered ceilings. Two adjustable yoke mounting brackets provide even support. Wireway access is through a removable plate containing two silicone sealed knockouts. Note: This fixture is not for T-Bar Grid ceilings.

**FINISH:** White polyester powder coated over multi-stage pretreatment. See options for DuPont Alesta™ using Agion® silver ion antimicrobial powder coat finished housings.

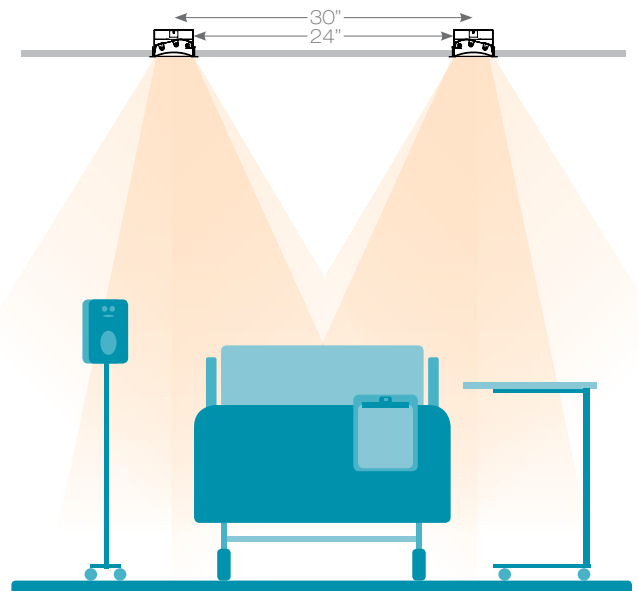
**LISTINGS:** ETL listed per UL\_1598 for damp locations. Drivers and LEDs are covered by a 5 year warranty, the remaining fixture is covered by a 10 year warranty. This product Series is both Build America Buy America (B.A.B.A.) & Buy American Act (B.A.A.) compliant.

## PRODUCT DRAWINGS

6x48 PATIENT ROOM				
SIZE	DIM A	DIM B	DIM C	DIM D
6 x 48	47.68"	4.30"	46.06"	5.68"
6 x 24	23.68"	4.30"	22.50"	5.68"



14-AA-L-6x48 PATIENT ROOM DWG DATE: 12/20/2018



Two recessed asymmetric distribution luminaires installed at 30 inches on center provide examination level illumination across the full bed surface.

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## ENERGY DATA

LED PATIENT ROOM TROFFER WITH EXAM/AMBIENT MODE												
ENCLOSURE SIZE	LIGHT PACKAGE	AMBIENT ONLY			EXAM ONLY			AMBIENT + EXAM			DIMMING AVAILABILITY	MAX AMBIENT TEMP* (°C)
		LUMENS¹	WATTAGE²	EFFICACY³	LUMENS¹	WATTAGE²	EFFICACY³	LUMENS¹	WATTAGE²	EFFICACY³		
6x48	LEDR 80+ CRI	2,013	29	69	3,282	27	122	5,295	56	95	0-10V 1%	40°C (104°F)
6x48	LEDH 80+ CRI	2,013	29	69	6,478	56	116	8,491	85	100	0-10V 1%	40°C (104°F)
6x48	LEDR 90+ CRI	1,930	29	67	3,147	27	117	5,077	56	91	0-10V 1%	40°C (104°F)
6x48	LEDH 90+ CRI	1,930	29	67	6,212	56	111	8,142	85	96	0-10V 1%	40°C (104°F)
6x24	LEDR 80+ CRI	990	15	66	1,605	15	107	2595	30	87	0-10V 1%	40°C (104°F)
6x24	LEDH 80+ CRI	990	15	66	3,170	29	109	4,160	44	95	0-10V 1%	40°C (104°F)
6x24	LEDR 90+ CRI	945	15	63	1,540	15	103	2,485	30	83	0-10V 1%	40°C (104°F)
6x24	LEDH 90+ CRI	945	15	63	3,045	29	105	3,990	44	91	0-10V 1%	40°C (104°F)

<sup>1</sup> DELIVERED LUMEN DATA IS EXTRAPOLATED FROM MEASURED DATA @25C WITH NO EXTRA OPTIONS. VARIANCES WILL OCCUR WHEN OTHER SELECTIONS ARE MADE

<sup>2</sup> WATTAGE IS MEASURED WITH LED 840 SELECTION @ 120vAC AND Tambient = 25C. WATTAGES WILL VARY AND INCREASE WHEN ALTERNATE OPTOINS ARE SELECTED

<sup>3</sup> EFFICACY CALCULATED USING 80 CRI 4000K CCT DATA.

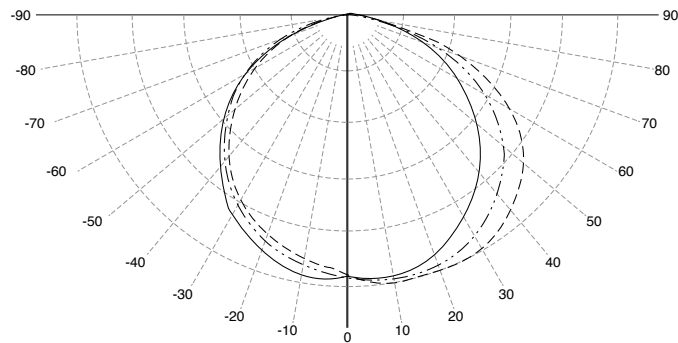
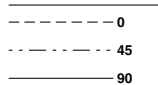
<sup>4</sup> MAX TEMP RATING IS WITH NO OTHER OPTIONS SELECTED.

<sup>5</sup> INITIAL LUMEN VALUE IN EMERGENCY MODE CALCULATED WITH LEAST EFFICIENT CONFIGURATION BY (10W)\*(NORMAL LUMENS / NORMAL WATTS) AVAILABLE 48" ONLY

## PHOTOMETRICS

### AMBIENT

Key:



### EXAM

Key:

