

## Luminex™ G7 \_ LUMEN SWITCHABLE EDGE-LIT LED PANEL



A high performance Luminex G7 LED flat panel is designed to lay in to drop ceilings or surface mounted to a drywall or pendant installation.

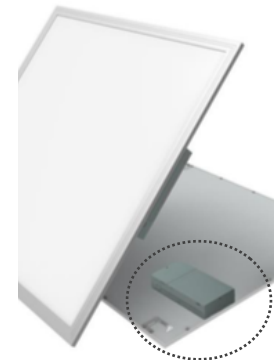
Typically used to replace 2'x 2' and 2'x 4' fluorescent fixtures. Suitable for office, school, hospital and medical facility applications. Panels are fully dimmable and compatible with building controls.

Luminex G7 with multi-wattage selectable switch enables various lumen outputs.

PROJECT NAME	
CATALOG NUMBER	
LOCATION	
NOTE	

### FEATURES:

- Lumens: 3,000lm ~ 5,000lm
- 30, 35, 40, 50 Watt switchable
- CCT : 3,500K, 4,000K
- 50,000 Hour Life (L70)
- 8.4 lbs (2'x2', 1'x4'), 14lbs (2'x4')
- 0-10V dimming
- 5 Year Warranty
- CRI 82 (Typ.)
- Optional remote power supply as required
- Surface mount and suspension kits available
- LM79 Test data available
- Optional 100v-277v emergency battery pack is available to meet critical life-safety lighting requirements. The 90-minute batteries provide constant power to the LED system. A test switch/ indicator button is within the EM pack.



Integrated Multi-Wattage switch  
30W, 35W, 40W, 50W



### CONTROL:

- Standard discrete driver on back
- 0-10v dimming control

### CONSTRUCTION:

- The housing and back panel are aluminum providing heat sink and thermal control capabilities
- Lens is translucent white polycarbonate
- Profile including the control box is 2 inches
- Unique mounting gives flush-fit in drop ceiling
- Modular construction for easy replacement

### Optical System:

- PMMA Light Guide Plate for uniform lighting
- High efficiency LED chips focus light into lighting transmitter improving visual comfort in the workplace and reducing eye strain from traditional lighting.
- 120° beam angle provides high vertical illumination.

### Luminaire Ordering Information: Typical Order Example - L2020E-MW35H\_G7EM



	Dimension	Optic	Wattage	Color	CRI	Model	Option
L = Luminex	2020 = 2'x2' 2040 = 2'x4' 1040 = 1'x4'	E = Edge-Lit	MW = Multi Wattage 30,35,40,50	35 = 3500 40 = 4000	H = >82	G7 Lumen Switchable	EM =EM Battery 90Min.

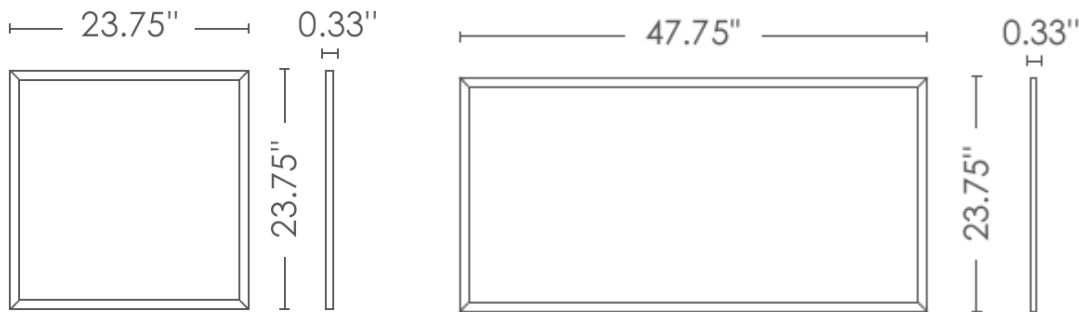
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### ▪ SPECIFICATION:

Specification	Description							
Lamp Type	Side Edge							
Color Temperature (CCT: K)	3,500K				4,000K			
Wattage	30W	35W	40W	50W	30W	35W	40W	50W
Luminous Flux (lm)	2,950lm	3,400lm	3,900lm	4,800lm	3,000lm	3,500lm	4,000lm	5,000lm
Efficiency (lm/w)	97lm/w	97lm/w	97lm/w	97lm/w	100lm/w	100lm/w	100lm/w	100lm/w
Color Consistency	Proprietary binning for uniform color							
Lumen Maintenance (L70)	50,000 hours							
Power Factor	0.9 ↑							
Input Voltage	120-277VAC, 50/60 Hz							
Dimming Range	0~10V Dimming							
CRI (Ra.)	82(Typ.)							
Optics	Light Refraction / Acrylic Diffusion							
Beam Angle	120°							
Application	Fits standard grid for drop ceilings							
Operating Temperature	-4F ~122F							
Humidity	20% - 85% RH, Non condensing							
Certification	UL / DLC							
Material Usage	RoHS compliant, No mercury							
Environment	Damp location							
LED Class	L70 rated to 50,000 hours							

### ▪ DIMENSION



### Optional Accessories:

Item	Model Number	Size	Description	
Luminex	L-PCSK		Aircraft cable suspension kit	
	LSMK	2'x2'	Surface mounting frame	
		2'x4'		
		1'x4'		
	LRMK	2'x2'	Recessed mounting frame	
		2'x4'		
1'x4'				

### EM Battery - prewired

