

# MBLPL Series

## 1x4 / 2x2 / 2x4 LED Panel Light

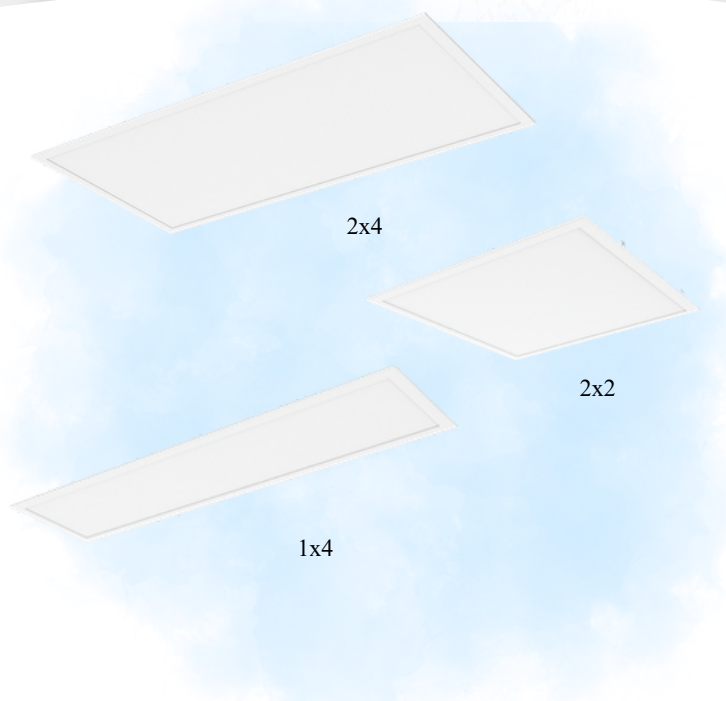


### Panel Light

The **MBLPL Series LED Panel Light** is a high-efficiency flat panel lighting solution designed for commercial, office, and institutional applications. Featuring a sleek low-profile design, it delivers uniform and glare-free illumination for modern ceiling systems. With **selectable wattage and 3CCT functionality**, it provides flexible lighting performance for **offices, schools, retail spaces, hospitals, and commercial buildings.**

### Key Features — Panel Light

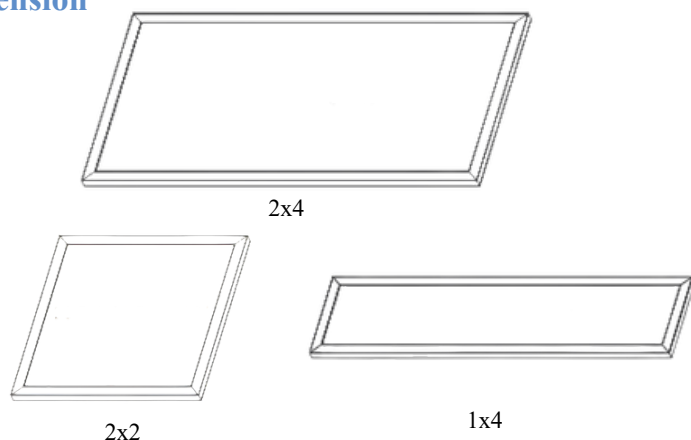
- Ultra-slim flat panel design for modern ceilings
- Available in 1x4, 2x2, and 2x4 sizes
- Selectable wattage for flexible output control
- 3CCT selectable (3500K / 4000K / 5000K)
- High-efficiency LED with uniform light distribution
- 0–10V dimming compatible
- 120–277V wide voltage input
- CRI 80+ for consistent color rendering
- Low-glare, flicker-free illumination



	1x4	2x2	2x4
<b>Color Temp.</b>	3CCT	3CCT	3CCT
<b>Wattage</b>	20/30/40W	20/30/40W	30/40/50W
<b>Lumens</b>	2200/3300 /4400LM	2200/3300 /4400LM	3300/4400 /5500LM
<b>Voltage</b>	120-277V	120-277V	120-277V
<b>Dimming</b>	0-10V	0-10V	0-10V
<b>CRI</b>	80+	80+	80+



### Dimension



Item	Length X Width X Height
1x4	47.76" X 11.93" X 1.02"
2x2	23.74" X 23.74" X 1.02"
2x4	47.76" X 23.74" X 1.02"



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### Technical Summary

Item Number	Description	Wattage	Lumens	Color Temp.	Voltage	CRI	Dimming
MBLPL14-WS3CCT	1x4 Panel	20/30/40W	2200/3300 /4400LM	35/40/50K	120-277V	80+	0-10V
MBLPL22-WS3CCT	2x2 Panel	20/30/40W	2200/3300 /4400LM	35/40/50K	120-277V	80+	0-10V
MBLPL24-WS3CCT	2x4 Panel	30/40/50W	3300/4400 /5500LM	35/40/50K	120-277V	80+	0-10V

### Construction

- Lightweight aluminum frame for heat dissipation
- Slim edge-lit panel design for modern aesthetics
- Durable construction for commercial ceiling systems
- Engineered for long-term stable performance

### Driver

- Integrated high-efficiency LED driver
- 120–277V wide voltage input
- Supports 0–10V dimming for smooth brightness control
- Stable and energy-efficient performance

### Optics

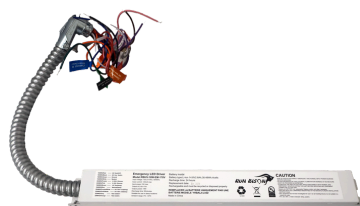
- 3CCT selectable color temperature (3500K / 4000K / 5000K)
- Edge-lit technology for uniform light distribution
- Low-glare diffuser for visual comfort
- CRI 80+ for natural and accurate color rendering
- Flicker-free illumination for workplace comfort

### Mount

- Designed for lay-in T-grid ceiling systems
- Compatible with standard commercial ceiling grids
- Easy installation for new construction and retrofit projects
- Secure and stable ceiling integration

## Accessories (SOLD SEPARATELY)

### Emergency Backup 8W/18W/32W





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Project Name:	
Prepare By:	
Date:	
Contact/Phone:	

	Item Number	Description
	MBLPL14-WS3CCT	1x4 Panel
	MBLPL22-WS3CCT	2x2 Panel
	MBLPL24-WS3CCT	2x4 Panel

### Accessories (SOLD SEPARATELY)

	Item Number	Description
	RBHV-8W-EM-170V	8W With 170V Output
	RBHV-18W-EM-170V	18W with 170V Output
	RBHV-32W-EM-170V	32W with 170V Output

