



## LED-Panel MS24

The super slim and light panel, excellent replacement for traditional downlights, with easy recessed installation



### Optional Functions

- Dimming with manual dimmer + remote control
- RGB with dimming and color changing effects + remote control

### Benefits

- Even and soft panel lighting provides extra comforts compared to traditional downlights
- Energy savings of up to 80% compared to traditional downlights
- Long life helps reduce maintenance, replacement costs and waste compared to traditional downlights
- Free of potentially damaging ultraviolet and infrared rays
- RoHS compliant, 100% green, with no toxic heavy metals, no mercury or lead

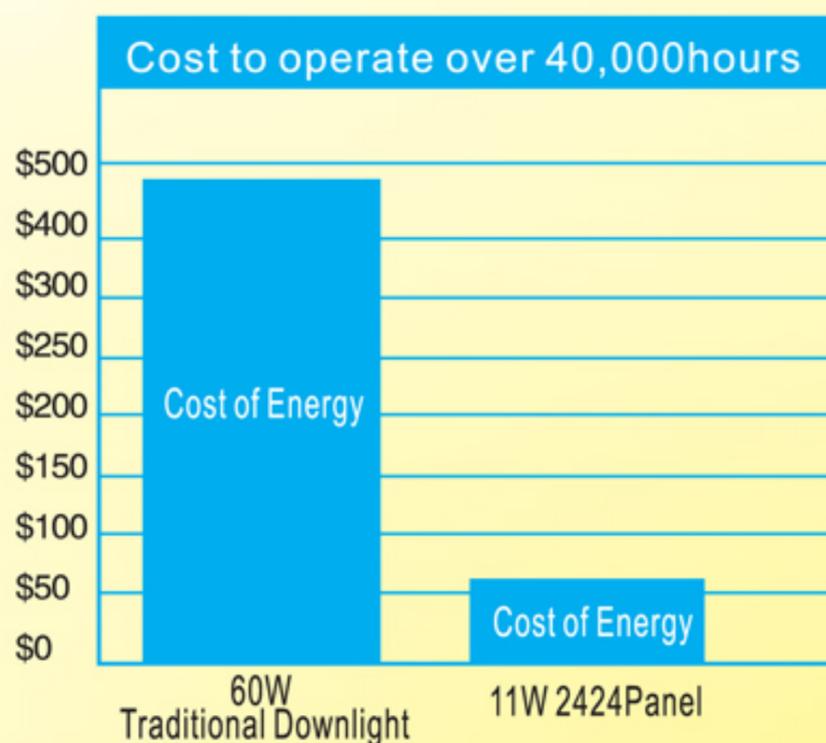
### Applications

- Commercial complex
- Hotel lobbies and hallways
- Concert halls
- Shopping malls
- Theaters

### Unique Features

- Correlated Color Temperature of 3000K, 4000K, 5000K, 6000K and 6500K to suit different application needs
- Efficient driver with Power Factor of 0.9+
- Easy recessed installation, for recommended ceiling or decoration board of 10mm to 15mm
- High quality SAMSUNG LEDs inside

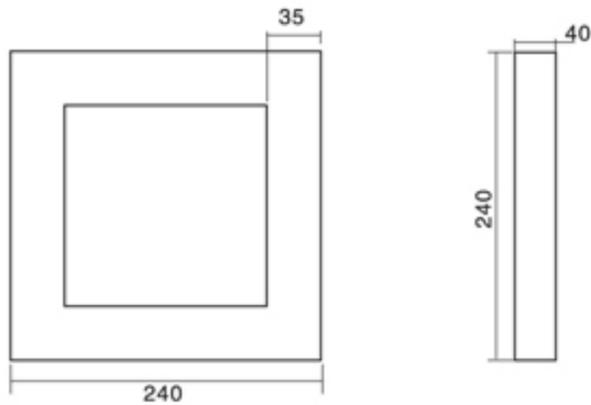
### ENERGY COST COMPARISON



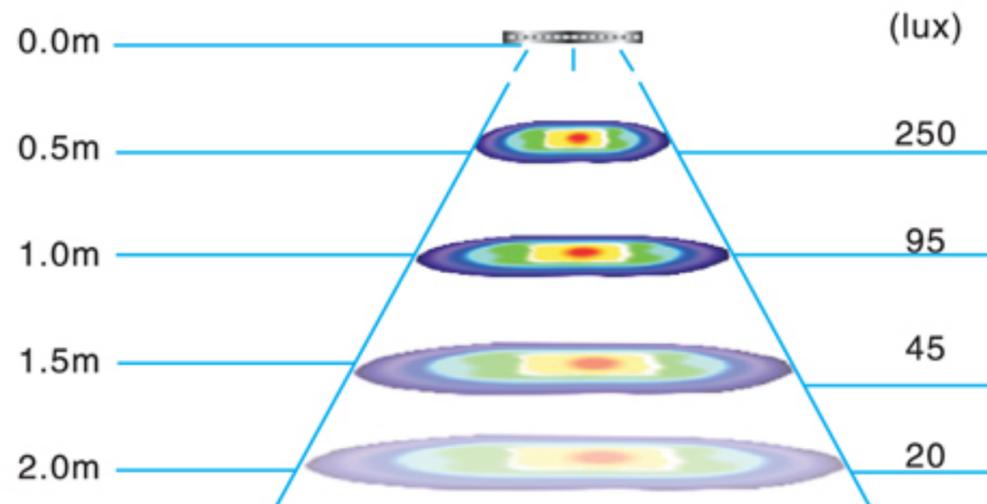
Based on cost of energy of \$0.2 per kWh  
Actual costs of energy and related savings may vary depending on the energy costs of your geographic location.



### ● DIMENSION(mm)



### ● ILLUMINANCE GRAPH



### ● LAMP CHARACTERISTICS

Model Number	SIZE(MM) L*W	LED Type	LED Quantity	Life Time (h)	Luminous Flux(lm)	CRI	Color	CCT	IP Code	LED Watt	Power Consumption	Remark
HS-PLMS2424TW	240*240	5630	30	>40000	650	Ra>80	WW	4000K±300	IP40	9W	11W	Other CCT&Color available
HS-PLMS2424TN	240*240	5630	30	>40000	650	Ra>80	NW	3000K±300	IP40	9W	11W	

Electrical Characteristics	Input Voltage	AC 100~240V	
	Power Factor	STANDARD	>0.6(optional)
		HIGH	>0.9 (optional)
Operating	Indoor/outdoor	Indoor	
Temperature	Operating	Storage	
	-20~+60°C	-40~+85°C	
Humidity	Operating	Storage	
	10~80%	10~80%	
Weight	Net Weight	Gross Weight	
	0.5kg/pcs	0.65kg/pcs	
Remote Dimmable or RGB	√ (Optional)		
Housing Material	Aluminum + LGP + PMMA		
Installation Methods	Recessed		
Warranty	3-year limited warranty		
Certifications			

