

Item#: **55402**  
**LED 2X4 SPECTRA PANEL**  
2X4 LUMINARIES FOR AMBIENT LIGHTING OF  
INTERIOR COMMERCIAL SPACES

**FEATURES**

Spectra Panels offer flexible and custom lighting solutions based on an individuals needs and activities. When paired with a Spectra remote or wireless wall dimmer\*, our Spectra Panels are adjustable for both Brightness and Color for the perfect balance of light for any situation.

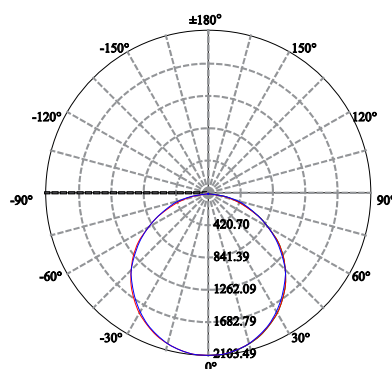
- Energy efficient
- No flickering
- RF 2.4GHz Wireless
- Shock Grade Class II
- Default CCT 4000K at full brightness

\*Handheld remote and wireless wall dimmer, sold separately.

**APPLICATION**

Ideal for retrofitting inefficient fixtures in malls, hospitals, airports, offices, lobbies and other residential and commercial applications.

**LIGHT DISTRIBUTION CURVE**



**ELECTRICAL**

Wattage	50W
Voltage	100-277V
Current	200-550mA
Power Factor	0.9
Total Harmonic Distortion (THD)	15

**LIGHTING PERFORMANCE**

Lumens	5500
Lumens Per Watt (LPW)	110
Color Temperature (CCT)	3000K-5000K
Color Rendering (CRI)	83
R9 (Red Value)	9
R13 (Skin Tones)	--
Beam Angle	120°
Light Distribution	Type VS
BUG Rating (Backlight, Uplight, and Glare)	B2 - U2 - G1

Dimmable Lighting Control

*Dimmable*  
With controllers or  
0-10V dimmer, Range 10% - 100%

**ENVIRONMENT**

Operating Temperature	-4° ~ 122°F
Suitable Location	<b>DAMP</b>
Ingress Protection Rating	IP40

**LIFESPAN**

Average Life (Hours)	50,000
Warranty (Years)	<b>5</b>

**COMPONENTS**

LED Light Source	JuFei 2835
Driver	YQ50RF-42 (1200)

**CONSTRUCTION**

Housing	Aluminum
Lens	--
Base / Power Supply	Hard Wired
Finish	White

**QUALIFICATIONS**

Model Number	LSP-50-24-2835-DD-240-MCCT
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Visit [www.designlights.org/search](http://www.designlights.org/search) to confirm qualification. • Published lumens on LED products are approximate and may vary slightly. • Specifications are subject to change without notice.

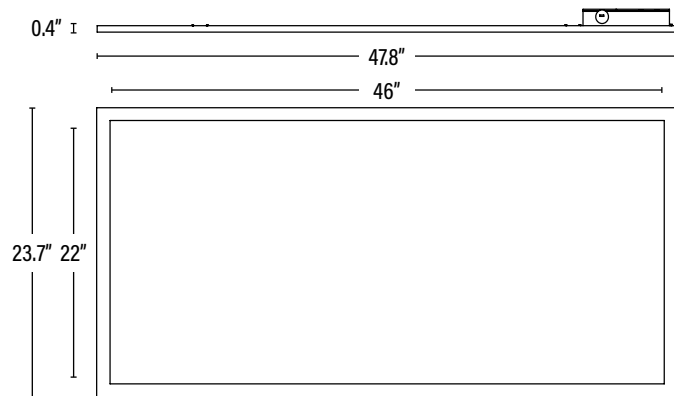
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ITEM INFORMATION

**DIMENSIONS** (Inches)

Length	47.8"
Width/Diameter	23.7"
Height	0.4"
Weight (Lbs)	13.9



**SUPPORTING DOCUMENTS** (Grey = not available at this time.)

Product Sheet	VIEW
Install Instructions	VIEW
IES Download from Web Item	VIEW
Photometric	VIEW
LM79	VIEW
LM80	VIEW

PACKAGING		UPC	DIMENSIONS (LxWxH)	GROSS WEIGHT (Lbs)
Master Carton	2	10811768026808	49.2" x 25.6" x 3.1"	30.6
Individual Box	1	811768026801	--	15.3
Country of Origin	China			
HS Tariff	9405.10.6020			

**ORDERING** Qualification Model # LSP-50-24-2835-DD-240-MCCT

ITEM#	DESCRIPTION	CASE
55402	LED 2X4 SPECTRA PANEL/50W/30-50K/DIMM/120-277V - <b>DLC</b> ®	2

**ACCESSORIES**

55398	WIRELESS WALL DIMMER FOR LED SPECTRA PANEL (Batteries not included, requires 2 - AA)	100
55399	REMOTE FOR LED SPECTRA PANEL (Batteries not included, requires 2 - AAA)	100
55397	WALL MOUNT ONLY FOR WIRELESS REMOTE FOR SPECTRA PANEL	300
55129	2X4 FLANGE KIT FOR PANEL & TROFFER/WHT	1
55442	2X4 SURFACE MOUNT KIT FOR LED PANEL/WHT	25
55445	SUSPENDED CABLE MOUNTING KIT FOR LED PANEL/V6	100
55319	EMERGENCY PACK FOR LED FIXTURE 8W/90 MIN- INTEGRATION TYPE - <b>T20C</b>	6
55320	EMERGENCY PACK FOR LED FIXTURE 16W/90 MIN- INTEGRATION TYPE - <b>T20C</b>	6
55321	EMERGENCY PACK FOR LED FIXTURE 25W/90 MIN- INTEGRATION TYPE - <b>T20C</b>	6

**REPLACEMENT PARTS**

YQ50RF-42-1200	50W DIMMABLE LED DRIVER FOR SPECTRA PANELS	1
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**ADDITIONAL INFORMATION:**

- Default color temperature is 4000K at full brightness.
- A common 0-10V dimmer can be used with this panel. (Color temperature is only adjustable with the handheld remote or wireless wall dimmer.)
- Each controller (handheld remote or wireless wall dimmer) can control multiple panels as long as the distance between the panel and controller is within 98 feet.
- Panel(s) can be paired to (1) handheld remote control and (1) wireless wall dimmer. They cannot be paired to multiple handheld remote controls or multiple wireless wall dimmers.
- If using the handheld remote (#55399) or wireless wall dimmer (#55398) with the Spectra panel, they cannot be used directly as the only on-off switch it should be used together with the switch. The fixture needs to be turned off for the night with a standard hard-wired wall switch (or at the breaker panel).
- For wiring EM packs to Spectra panels, you must choose either 3000K or 5000K for EM backup.