

USP

Project Name:

Type:



APPLICATION

The Surface Mount field-selectable LED flat panel can be widely used for indoor. Excellent for office, schools, hallways, super market, stores, and healthcare applications.

FEATURES:

- Flush and seamless design with no protruding parts.
- 1.2" slim profile.
- White finished.
- Field adjustable Wattage and CCT.
- 2.5mm port base Plug and play sensor-ready with 12V Aux. dimming (std.)
- Wireless Bluetooth system and motion sensor (optional).
- Operating Temperature: -4°F (-20°C) ~ 113°F (45°C).

MOUNTING:

- Ceiling surface mount.

LED:

- Long-life, high-efficacy, micro-power LEDs.
- Lumen efficacy > 130 lm/W.
- Field adjustable wattage.
- Field adjustable color temperature: 2700/3000/3500/4000/5000(K)
- CRI > 80.
- Beam angle: 113° degree.
- L70: > 50,000 hrs

ELECTRICAL:

- High power factor electronic driver, operate from a 100~277 Vac input range, 50 / 60 Hz.
- 0-10V Dimming. (10%-100%.)
- Power Factor: >0.9
- THD: <20%

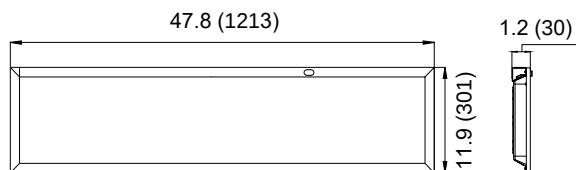
LISTING:

- UL listed.
- UL 1598 suitable for damp locations.
- UL 8750 LED equipment in lighting products.
- DLC premium listed.
- 5 year warranty.
- ARRA compliant (optional)
- Bluetooth Mesh System available, please contact factory for more information.

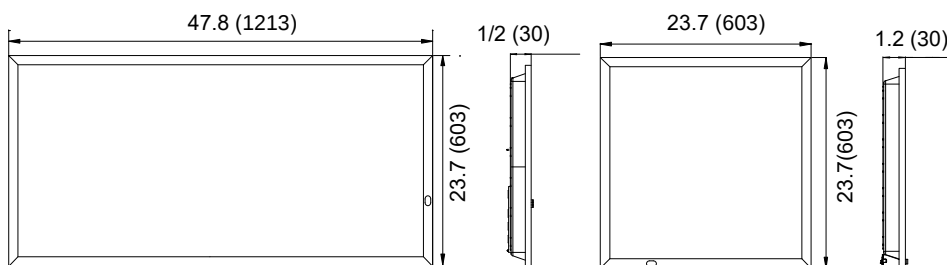
CONFIGURATIONS

Size	LED Watts	Lumen Output / Efficiency (2700K)	Lumen Output / Efficiency (3000K)	Lumen Output / Efficiency (3500K)	Lumen Output / Efficiency (4000K)	Lumen Output / Efficiency (5000K)
1' x 4'	20W	3057 lm, 158 lm/W	3157 lm, 165 lm/W	3214 lm, 171 lm/W	3204 lm, 169 lm/W	3130 lm, 162 lm/W
	28W	4327 lm, 147 lm/W	4517 lm, 156 lm/W	4634 lm, 163 lm/W	4621 lm, 161 lm/W	4441 lm, 151 lm/W
	34W	4841 lm, 142 lm/W	5071 lm, 151 lm/W	5209 lm, 159 lm/W	5187 lm, 156 lm/W	4953 lm, 146 lm/W
	41W	5297 lm, 136 lm/W	5572 lm, 145 lm/W	5762 lm, 153 lm/W	5730 lm, 151 lm/W	5412 lm, 139 lm/W
2' x 2'	20W	2877 lm, 153 lm/W	2936 lm, 157 lm/W	2988 lm, 162 lm/W	3008 lm, 162 lm/W	2974 lm, 158 lm/W
	28W	4124 lm, 145 lm/W	5222 lm, 150 lm/W	4331 lm, 156 lm/W	4364 lm, 156 lm/W	4280 lm, 150 lm/W
	34W	4594 lm, 140 lm/W	4743 lm, 147 lm/W	4883 lm, 154 lm/W	4920 lm, 153 lm/W	4809 lm, 147 lm/W
	41W	5306 lm, 135 lm/W	5492 lm, 142 lm/W	5667 lm, 149 lm/W	5698 lm, 148 lm/W	5574 lm, 142 lm/W
2' x 4'	28W	4315 lm, 150 lm/W	4425 lm, 156 lm/W	4484 lm, 160 lm/W	4480 lm, 158 lm/W	4406 lm, 154 lm/W
	34W	4864 lm, 147 lm/W	5012 lm, 154 lm/W	5087 lm, 158 lm/W	5081 lm, 156 lm/W	4979 lm, 151 lm/W
	41W	5632 lm, 143 lm/W	5833 lm, 150 lm/W	5916 lm, 155 lm/W	5900 lm, 153 lm/W	5754 lm, 146 lm/W
	50W	6913 lm, 135 lm/W	7159 lm, 143 lm/W	7298 lm, 148 lm/W	7262 lm, 145 lm/W	7046 lm, 138 lm/W

USP



weight: 4.43 lbs

1X4

weight: 9.22 lbs

2X4

weight: 5.78 lbs

2X2

ORDERING INFORMATION

EXAMPLE: USP-22-4S-5T-UNV-DM

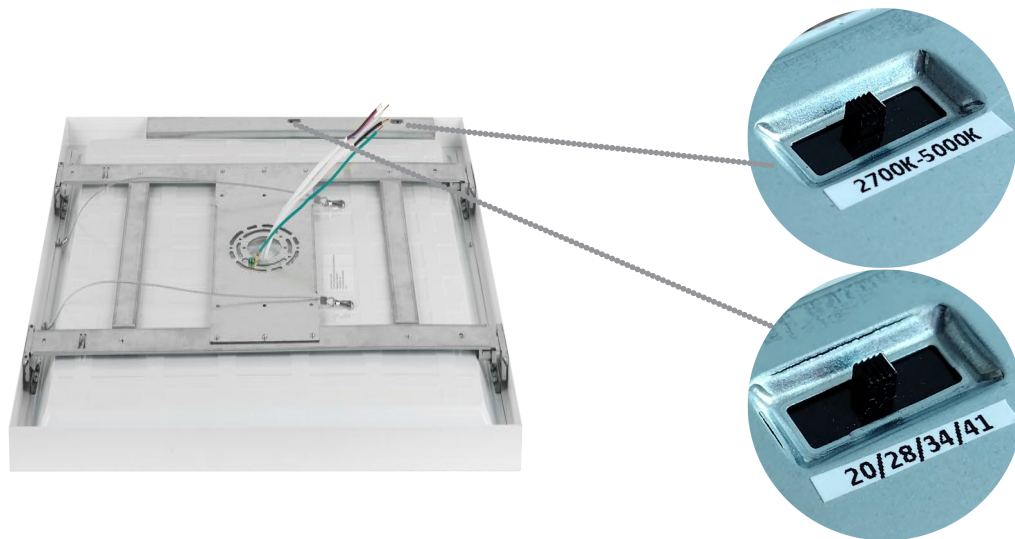
MODEL	SIZE	LED	COLOR TEMP.	MOUNTING	VOLTAGE
USP	14 1' x 4'	4S Selectable 20W /28W /34W /41W LED	-5T Selectable 2700/3000/3500/4000/5000K	(Blank) Ceiling Surface Mount	UNV 120-277V
	22 2' x 2'				
	24 2' x 4'	4S Selectable 28W /34W /41W/ 50W LED			

LED DRIVER		OPTIONS	
DM	0-10V 10%~100% (Std.)	EM8 8W EM Battery Backup EM15 15W EM Battery Backup EM20 20W EM Battery Backup NLC-PIR Plug-and-Play Bi-level PIR infrared sensor NLC-BT-PIR-SR Bluetooth Plug-and-Play Microwave sensor, Silvar enabled NLC-BT-PIR-GE Bluetooth Plug-and-Play Microwave sensor, GEBC enabled RC-100 Remote control for NLC-PIR sensor only ARRA Assembled in USA	

USP



The sensor receptacle is pre-embedded in the frame.



Field-Selectable wattage and CCT switch location