

# iBright™ 2X4 Flat LED Panel

## Datasheet



### Ordering Information

#### For EU Market

Part Number	Description	Unit
HCL-FLT8W-0612E0-F1	iBright 2X4 Flat LED Panel, Flat, 1458LEDs, 2800-3200K, 595*1195 mm, Frosted Lens	PCs
HCL-FLT8M-0612E0-F1	iBright 2X4 Flat LED Panel, Flat, 1458LEDs, 4250-4750K, 595*1195 mm, Frosted Lens	PCs
HCL-FLT8N-0612E0-F1	iBright 2X4 Flat LED Panel, Flat, 1458LEDs, 5500-6500K, 595*1195 mm, Frosted Lens	PCs

#### For NA Market

Part Number	Description	Unit
HCL-FLT8W-0612A0-F1	iBright 2X4 Flat LED Panel, Flat, 1458LEDs, 2800-3200K, 603*1212 mm, Frosted Lens	PCs
HCL-FLT8M-0612A0-F1	iBright 2X4 Flat LED Panel, Flat, 1458LEDs, 4250-4750K, 603*1212 mm, Frosted Lens	PCs
HCL-FLT8N-0612A0-F1	iBright 2X4 Flat LED Panel, Flat, 1458LEDs, 5500-6500K, 603*1212 mm, Frosted Lens	PCs

### Technical Specifications

#### Physical Specifications

	For EU Market	For US Market
Dimensions	595*1195 mm	603*1212 mm
Housing	Extrusion Aluminum and PC diffuser	
Finish Color	White and Silver	
LENs Type	Frosted lens	
Work Environment	Indoor use (applicable for dry environments)	

### Electrical Specifications

Lighting Source	SMD LED Arrays
LED Quantity	1458 LEDs
Power Consumption	84W ± 4W
Input Voltage	Max. 36VDC, 1400mA, 2pcs (Input Voltage of External Power Supply: 100-277VAC)
Power Factor	>0.95
Operation Temperature	-20~40°C (-4~104°F)

### Optical Specifications

Luminous Flux	7700 ± 100 lm
Luminous Efficacy	91 lm/W
Color Temperature	Warm White: 2800-3200 K Natural White: 4250-4750 K Cool White: 5500-6500 K
CRI	>75
Beam Angle	150°
Lumen Maintenance	>98% @ 1,000hrs

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