

# Christie MicroTiles LED

## Series 60 Indoor LED tiles



### Technical specifications

### LED012-M6

Display technology	pixel pitch	• 1.25mm
	pixel configuration	• 3-in-1 (1R1G1B)
	pixel density	• 640,000 pixels/m <sup>2</sup>
	maximum calibrated brightness	• 1000 nits (cd/m <sup>2</sup> )
	aspect ratio	• 8:9
	contrast ratio (full field)	• Greater than 5000:1
	viewing angle	• 160°H, 140°V
	refresh rate	• Up to 3840Hz
	scan rate	• 1/18
	color temperature	• 2700-9600K
	display colors	• 4.39 trillion (14-bit)
	color space	• 100% P3
	LED lifespan (50% brightness)	• 100,000 hours
	runtime	• 24/7
Signal	inputs	• E1100: SDVoE, QUAD 3G-SDI, 3G-SDI • E1000: 2 x HDMI 2.0 (HDCP), 2 x DisplayPort 1.2 (HDCP)
	outputs	• 2 x QSFP+ (Bi-directional)
	control	• 1 x RJ45 Ethernet, USB (RS232 via dongle)
Power	power input rating	• 100-240 VAC @ 50/60Hz - remote power supply <sup>1</sup> • 48-56VDC • 48V Power over Ethernet - per tile
	power consumption	• 25W typical, 75W maximum - per tile
	heat output per tile	• 85 BTU/hr typical 256 BTU/hr maximum
Environment	operating temperature	• 32-104°F (0-40°C)
	operating humidity	• 10-90% RH non-condensing
	storage temperature	• 14-122°F (-10-55°C)
	environment	• Indoor
	IP rating	• 30
Physical	tile dimensions (installed)	• (WxHxD) 9.45 x 10.63 x 3.35" (240 x 270 x 85mm)
	tile diagonal	• 14.22" (361mm)
	tile area	• 0.70ft <sup>2</sup> (0.0648m <sup>2</sup> )
	tile resolution	• 192 x 216
	tile weight	• 4.85lbs (2.2kg) per tile • 74.85lbs (34.0kg) per square meter • Total installed weight (including QuickMount™ system) 7.06lbs (3.2kg) per tile, 108.95lbs (49.4kg) per square meter
	tile array size to achieve 1920 x 1080	• 10 x 5
	tile design	• Die-cast aluminum
	orientation	• Portrait (8:9) • Landscape (16:9)
	service access	• All service from front
	module dimensions	• (WxH) 9.45 x 3.54" (240 x 90mm)
	module resolution	• 192 x 72
	installation options	• Flat • Concave • Convex • 90 degree outside and inside corner • Hanging/flying • Creative shapes
	direct mount system	• QuickMount solution included - mounting plates, mounting template, wall anchors
	additional required components	• Remote power supply rack shelf • Power supply unit modules (rectifiers) • Tile controller (Octroller), and wall controller sold separately
	Certifications <sup>2</sup>	• UL60950, FCC, CE, EMC, RoHS, RC2
Warranty	• Three years parts and labor limited warranty, extended warranty option available for a one-time fee at time of purchase	

<sup>1</sup> See remote power specifications for full details.

<sup>2</sup> Certain of the listed certifications may be pending and not yet issued. For the current status of the listed certifications, please contact an authorized Christie representative.

Performance specifications are typical. Due to constant research, specifications are subject to change without notice.

For the most current specification information, please visit [christiedigital.com](http://christiedigital.com)

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### Octroller

<b>Signal</b>	
inputs	• 2 x QSFP+ (Bi-directional)
outputs	• 8 X RJ45 Ethernet (PoE up to 75W per port)
control	• 1 x RJ45 Ethernet
<b>Power</b>	
power input rating	• 48-56VDC
power consumption	• 600W maximum
<b>Environment</b>	
operating temperature	• 32-104°F (0-40°C)
operating humidity	• 10-90% RH non-condensing
storage temperature	• 14-122°F (-10-55°C)
environment	• Indoor

### QuickMount system

Proprietary QuickMount system includes custom mounting templates, laser-cut steel mounting sheets and machined wall anchors to eliminate any alignment challenges, reducing time and cost.

