

# Christie MicroTiles LED

## Indoor LED tiles



Technical specifications		1.25mm (Series 70)	1.5mm (Series 70)
Display technology	pixel pitch	• 1.25mm	• 1.50mm
	pixel configuration	• 3-in-1 (1R1G1B)	
	maximum calibrated brightness	• 1500 nits (cd/m <sup>2</sup> )	
	aspect ratio	• 8:9	
	contrast ratio (full field)	• Greater than 10,000:1	
	illumination fill factor (%)	• 64	• 44
	viewing angle	• 160°H, 140°V	
	refresh rate	• Up to 3840Hz	
	scan rate	• 1/18	• 1/20
	color temperature	• 2700-9600K	
	display colors	• 16-bit	
	color space	• P3	
	LED lifespan (50% brightness)	• 100,000 hours	
	runtime	• 24/7	
	Signal	inputs	• 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 per tile	• 25W typical; 54W maximum	• 23W typical; 50W maximum
	heat output per tile	• 85 BTU/hr typical; 184W BTU/hr maximum	• 78 BTU/hr typical; 170 BTU/hr maximum
Environment	operating temperature	• 32-104°F (0-40°C)	
	operating humidity	• 10-90% RH non-condensing	
	storage temperature	• 14-122°F (-10-50°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	• 160 x 180
	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 design	• Die-cast aluminum	
	service access	• All service from front	
	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.

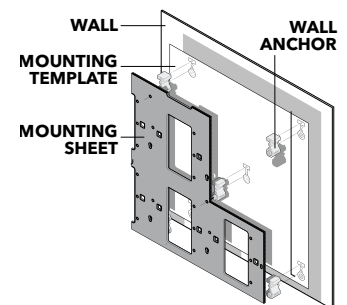
Performance specifications are typical. Due to constant research, specifications are subject to change without notice.

### Octroller

Signal	
inputs	• 2 x QSFP+ (Bi-directional)
outputs	• 8 X RJ45 Ethernet (PoE up to 75W per port)
control	• 1 x RJ45 Ethernet
Power	
power input rating	• 48-56VDC
power consumption	• 600W maximum
Environment	
operating temperature	• 32-104°F (0-40°C)
operating humidity	• 10-90% RH non-condensing
storage temperature	• 14-122°F (-10-50°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.



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

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