Christie MicroTiles LED

Indoor LED tiles 1.5mm

Technical specifications		1.5mm (Series 40)	1.5mm (Series 70)
Display technology	pixel pitch	• 1.5mm	
	pixel configuration	• 3-in-1 (1R1G1B)	
	maximum calibrated brightness	• 1000 nits (cd/m^2)	• 1500 nits (cd/m^2)
	aspect ratio	• 8:9	
	contrast ratio (full field)	• Greater than 5000:1	
	viewing angle	• 160°H, 140°V	• 160°H, 160°V
	input refresh rate	• 60Hz	
	refresh rate	• Up to 3840 @ 60Hz	
	scan rate	• 1/20	
	color temperature	• 2700-9600K	
	display colors	• 4 trillion (14-bit)	
	color space	• NTSC	• P3
	LED lifespan (50% brightness)	• 100,000 hours	
	runtime	• 24/7	
Signal	inputs	• 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[1] • 48-56VDC • 48V Power over Ethernet – per tile	
	power consumption per tile	• 23W typical, 75W maximum – per tile	• 20W typical, 50W maximum – per tile
	heat output per tile	• 79 BTU/hr typical 256 BTU/hr maximum	• 68 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 (-10-55°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^2 (0.0648m2)	
	tile resolution	• 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 array size to achieve 1920 x 1080	• 12 x 6	
	tile design	• Die-cast aluminum	
	orientation	• Portrait (8:9)	
	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	
	additional required components	• Remote power supply rack shelf • Power supply unit modules (rectifiers) • Tile controller (Octroller), and wall controller sold separately	
	additional features		• TAA compliant
Certifications[2]	• 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		

[1] See remote power specifications for full details.
[2] 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.

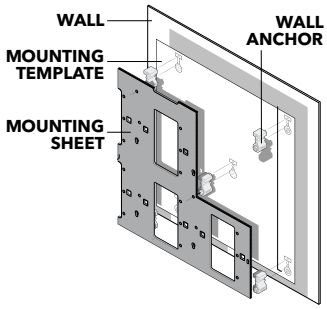
Performance specifications are typical. Due to constant research, specifications are subject to change without notice.

Octroller

Signal	
inputs	• 2 x QSFP+ (Bi-directional)
outputs	• 8 X RJ45 Ethernet (PoE up to 75W per port)
Power	
power input rating	• 48-56VDC
power consumption	• 25W 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.



TAA COMPLIANT

For the most current specification information, please visit christiedigital.com

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