Christie MicroTiles LED

Indoor LED tiles

Technical specification		0.75mm (Series 60)
Display technology	pixel pitch	• 0.75mm
	pixel configuration	• 4 pixels in 1 package (4R4G4B)
	maximum calibrated brightness	• 2000 nits (cd/m²) calibrated
	aspect ratio	• 8:9
	contrast ratio (full field)	• Greater than 10000:1
	viewing angle	• 160° H, 160° V
	LED refresh rate	• 3840 Hz
	input refresh rate	• 120 Hz
	scan rate	• 1/60
	color temperature	• 2700-9600K
	display colors	• 18014 trillion (18-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 @ 50/60 Hz – remote power supply[1] • 48-56 VDC • 48V Power over Ethernet – per tile
	power consumption per tile	• 16 W typical, 32 W maximum
	heat output per tile	• 55 BTU/hr typical; 109 BTU/hr maximum
Environment	operating temperature	• 32-104F (0-40C)
	operating humidity	• 10-90% RH non-condensing
	storage temperature	• 14-122F (-10-50C)
	environment	• Indoor
	IP rating	• 30
Physical	tile dimensions (installed)	• (W x H x D) 9.45 x 10.63 x 3.35" (240 x 270 x 85mm)
	tile diagonal	• 14.22" (361mm)
	tile area	• 0.70ft² (0.0648m²)
	tile resolution	• 320 x 360
	tile weight	• 74.85lbs (34.0kg) per square meter • Total installed weight (including proprietary 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 • Hanging/flying • Creative shapes
	direct mount system	• QuickMount system 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
	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.
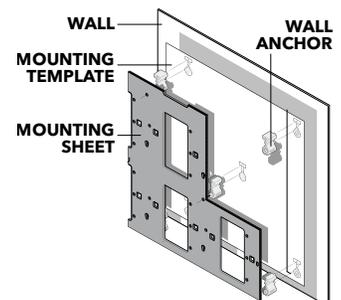
Performance specifications are typical. Due to constant research, specifications are subject to change without notice.

Octroller

Signal	
inputs	• 2 x QSFP+ (Bi-directional)
outputs	• 8 X RJ45 Ethernet (PoE up to 75W per port)

Power	
power input rating	• 48-56 VDC
power consumption	• 25W maximum

Environment	
operating temperature	• 32-104F (0-40C)
operating humidity	• 10-90% RH non-condensing
storage temperature	• 14-122F (-10-50C)
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.

WALL • WALL ANCHOR • MOUNTING TEMPLATE • MOUNTING SHEET

TAA COMPLIANT

CHRISTIE®