

# Christie Velvet - CorePlus Series

## Indoor LED tiles - internal power

Technical specifications		Christie LED012-CP-I	Christie LED014-CP-I	Christie LED019-CP-I	
Display technology	pixel pitch	• 1.24mm	• 1.488mm	• 1.984mm	
	pixel configuration	• 3-in-1 (1R1G1B)			
	pixel density	• 650,286 pixels/m <sup>2</sup>	• 451,588 pixels/m <sup>2</sup>	• 254,018 pixels/m <sup>2</sup>	
	maximum calibrated brightness	• 600 nits (cd/m <sup>2</sup> )			
	aspect ratio	• 8:9			
	contrast ratio (full field)	• 5000:1			
	viewing angle	• 160° H, 140° V			
	refresh rate	• >3000Hz			
	scan rate	• 1/32	• 1/30	• 1/30	
	color temperature	• 2700-9300K			
	display colors	• 4.398 trillion (14-bit)			
	Signal	inputs • HDMI (HDCP) • DVI (HDCP) • HDS DI			
	Power	input rating - remote power supply <sup>1</sup>	• 100-240 VAC @ 50-60Hz		
power consumption per cabinet		• 72W typical, 216W max	• 70W typical, 210W max	• 67W typical, 200W max	
heat output		• 246 BTU/hr typical, 737 BTU/hr max	• 239 BTU/hr typical, 717 BTU/hr max	• 229 BTU/hr typical, 682 BTU/hr max	
Environment	operating temperature	• 32-104°F (0-40°C)			
	operating humidity	• 10-90% non-condensing			
	storage temperature	• 14-122°F (-10-50°C)			
	environment	• Indoor			
	IP rating	• 30			
	LED lifespan (50% brightness)	• 100,000 hrs			
Physical	runtime	• 24/7			
	tile dimensions (installed)	• (WxHxD): 18.7 x 21.1 x 3.9" (476.2 x 535.7 x 99.5mm)			
	tile area	• 2.75 ft <sup>2</sup> (0.2551m <sup>2</sup> )			
	tile resolution	• 384 x 432 pixels	• 320 x 360 pixels	• 240 x 270 pixels	
	tile weight	• 24.3lbs (11kg)			
	tile array size to achieve 1920 x 1080	• 5 x 2.5	• 6 x 3	• 8 x 4	
	cabinet design	• Die-cast aluminum			
	orientation	• Landscape			
	service access	• All service from front or all service from rear			
	module dimensions	• (WxH): 4.7 x 7" (119.1 x 178.6mm)			
	module resolution	• 96 x 144 pixels	• 80 x 120 pixels	• 60 x 90 pixels	
	installation options	• Flat • Concave			
	support brackets and blocks	• Included			
additional required components	• Controller sold separately				
Certifications <sup>2</sup>	• CE (includes EMC), FCC, CSA (UL60950), RCM, EAC				
Warranty	<ul style="list-style-type: none"> <li>• Three years parts and labor limited warranty</li> <li>• Extended warranty option available for a one-time fee at time of purchase</li> <li>• Contact an authorized Christie representative for full details</li> </ul>				

<sup>1</sup>See remote power supply 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.

# Christie Velvet - CorePlus Series

## Indoor LED tiles - internal power

Technical specifications		Christie LED024-CP-I	Christie LED030-CP-I	Christie LED040-CP-I
Display technology	pixel pitch	• 2.48mm	• 2.976mm	• 3.968mm
	pixel configuration	• 3-in-1 (1R1G1B)		
	pixel density	• 162,572 pixels/m <sup>2</sup>	• 112,897 pixels/m <sup>2</sup>	• 63,505 pixels/m <sup>2</sup>
	maximum calibrated brightness	• 600 nits (cd/m <sup>2</sup> )		
	aspect ratio	• 8:9		
	contrast ratio (full field)	• 5000:1		
	viewing angle	• 160° H, 140° V		
	refresh rate	• >3000Hz		
	scan rate	• 1/24	• 1/24	• 1/15
	color temperature	• 2700-9300K		
display colors	• 4.398 trillion (14-bit)			
Signal	inputs	• HDMI (HDCP) • DVI (HDCP) • HDS DI		
Power	input rating - remote power supply <sup>1</sup>	• 100-240 VAC @ 50-60Hz		
	power consumption per cabinet	• 34W typical, 102W max	• 44W typical, 130W max	• 44W typical, 130W max
	heat output	• 116 BTU/hr typical, 348 BTU/hr max	• 150 BTU/hr typical, 444 BTU/hr max	• 150 BTU/hr typical, 444 BTU/hr max
Environment	operating temperature	• 32-104°F (0-40°C)		
	operating humidity	• 10-90% non-condensing		
	storage temperature	• 14-122°F (-10-50°C)		
	environment	• Indoor		
	IP rating	• 30		
	LED lifespan (50% brightness)	• 100,000 hrs		
Physical	runtime	• 24/7		
	tile dimensions (installed)	• (WxHxD): 18.7 x 21.1 x 3.9" (476.2 x 535.7 x 99.5mm)		
	tile area	• 2.75 ft <sup>2</sup> (0.2551m <sup>2</sup> )		
	tile resolution	• 192 x 216 pixels	• 160 x 180 pixels	• 120 x 135 pixels
	tile weight	• 24.3lbs (11kg)		
	tile array size to achieve 1920 x 1080	• 10 x 5	• 12 x 6	• 16 x 8
	cabinet design	• Die-cast aluminum		
	orientation	• Landscape		
	service access	• All service from front or all service from rear		
	module dimensions	• (WxH): 4.7 x 7" (119.1 x 178.6mm)		
	module resolution	• 48 x 72 pixels	• 40 x 60 pixels	• 30 x 45 pixels
	installation options	• Flat • Concave		
	support brackets and blocks	• Included		
additional required components	• Controller sold separately			
Certifications <sup>2</sup>	• CE (includes EMC), FCC, CSA (UL60950), RCM, EAC			
Warranty	<ul style="list-style-type: none"> <li>• Three years parts and labor limited warranty</li> <li>• Extended warranty option available for a one-time fee at time of purchase</li> <li>• Contact an authorized Christie representative for full details</li> </ul>			

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

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### Corporate offices

Christie Digital Systems USA, Inc.  
Cypress  
ph: 714 236 8610

Christie Digital Systems Canada Inc.  
Kitchener  
ph: 519 744 8005

### Worldwide offices

Australia  
ph: +61 (0) 7 3624 4888

Brazil  
ph: +55 (11) 2548 4753

China (Beijing)  
ph: +86 10 6561 0240

China (Shanghai)  
ph: +86 21 6030 0500

Columbia  
ph: +57 (318) 447 3179

Eastern Europe  
ph: +36 (0)1 47 48 138

France  
ph: +33 (0) 1 41 21 44 04

Germany (Cologne)  
ph: +49 221 99 512-0

Germany (Moechengladbach)  
ph: +49 2161 566200

India  
ph: +91 (080) 6708 9999

Japan  
ph: +81 3 3599 7481

Mexico  
ph: +52 55 4744 1790

Republic of South Africa  
ph: +27 11 251 0000

Singapore  
ph: +65 6877 8737

South Korea  
ph: +82 2 702 1601

Spain  
ph: +34 91 633 9990

United Arab Emirates  
ph: +971 (0) 4 503 6800

United Kingdom  
ph: +44 (0) 118 977 8000

United States (Arizona)  
ph: 602 943 5700

United States (New York)  
ph: 646 779 2014

### Independent sales consultant offices

Italy  
ph: +39 (0) 2 9902 1161

Russia  
ph: +7 (495) 930 8961

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



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