

digiLED LT SERIES



Cost-effective solution offering either lightweight indoor and outdoor LED video modules for rental and fixed applications.



**VIDEO
WALLTRONICS, INC.**

22 LUKENS DR. NEW CASTLE, DE 19720
 TEL. 302-328-4511 FAX 302-328-4558
WWW.RENTBIGSCREENS.COM

MODULE SPECIFICATIONS - digiLED LT SERIES Indoor

		LTi5	LTi6	LTi8	LTi10
LEDS					
LEDs Per Pixel				1R1G1B	
Red Wavelength (Dominant)	nm		620		
Green Wavelength (Dominant)	nm		520		
Blue Wavelength (Dominant)	nm		465		
PIXELS					
Pixel Configuration				3-in-1	
LEDs Per Area	LED/m2	120,000	67,433	46,875	30,000
Physical Pixel Pitch	mm	5	6.67	8	10
Physical Pixel Resolution (Width)	pixels	128	96	80	64
Physical Pixel Resolution (Height)	pixels	144	108	90	72
Physical Pixel Resolution (Total)	pixels	18,432	10,368	7,200	4,608
Physical Pixels Per Area	pixels/m2	40,000	22,500	15,625	10,000
MODULE (Other sizes by request)					
Active Module Width	mm			640	
Active Module Height	mm			720	
Active Module Area	m2			0.4608	
Module Depth	mm			144	
Module Weight	kg			≤14	
LED Tile Width	mm			320	
LED Tile Height	mm			240	
Viewing Angle - Horizontal	degrees			140	
Viewing Angle - Vertical	degrees			140	
Ingress Protection	(Front)			IP31	
Ingress Protection	(Back)			IP31	
Cabinet Material and Surface Finish				Aluminium	
LED Fixings				Rear access Front & rear access Front & rear access Front & rear access	
Storage Temperature Range	degree C			-20 to +45	
Operating Temperature Range	degree C			-20 to +45	
Operating Humidity Range	%			10 to 95 Non-condensing	
COLOUR					
Processing Depth	colours			14bit	
Refresh Rate	Hz			1,000	
BRIGHTNESS					
Brightness (After Calibration)	nits	>2,000	>2,000	>1,600	>1,500
Brightness Control				Auto/Manual	
POWER					
Input Voltage	VAC			110/220	
Input Power (Average)	watts/module			100	
Input Power (Maximum)	watts/module			300	
OTHER					
Lifespan	hours			100,000	
Computer System Type				PC Win7, Vista, XP	
Video Input				DVI, HDMI	
Connectors	Rental			Neutrik	
Connectors	Fixed			XHD connector	
Certification				CE, FCC	

All specifications are correct at time of print, however they are liable to change and should be confirmed at point of order.

MODULE SPECIFICATIONS - digiLED LT SERIES Outdoor SMD

		LT5	LT6	LT8	LT10	LT13	LLT16
LEDS							
LEDs Per Pixel				3-in-1			
Red Wavelength (Dominant)	nm			620			
Green Wavelength (Dominant)	nm			520			
Blue Wavelength (Dominant)	nm			465			
PIXELS							
Pixel Configuration		3-in-1	3-in-1	3-in-1	3-in-1	3-in-1	3-in-1
LEDs Per Area	LED/m2	91,875	67,433	46,875	30,000	16,875	11,718
Physical Pixel Pitch	mm	5.71	6.67	8	10	13.33	16
Physical Pixel Resolution (Width)	pixels	112	96	80	64	48	40
Physical Pixel Resolution (Height)	pixels	126	108	90	72	54	45
Physical Pixel Resolution (Total)	pixels	14,112	10,358	7,200	4,608	2,592	1,800
Physical Pixels Per Area	pixels/m2	30,625	22,478	15,525	10,000	5,625	3,906
MODULE							
Active Module Width	mm			640			
Active Module Height	mm			720			
Active Module Area	m2			0.461			
Module Depth	mm			144			
Module Weight	kg			≤14			
LED Tile Width	mm			320			
LED Tile Height	mm			240			
Viewing Angle - Horizontal	degrees			140			
Viewing Angle - Vertical	degrees			140			
Ingress Protection	(Front)			IP65			
Ingress Protection	(Back)			IP54			
Cabinet Material and Surface Finish				Aluminium (Front access)			
LED Fixings				Fixed			
Storage Temperature Range	degree C			-20 to +45			
Operating Temperature Range	degree C			-20 to +45			
Operating Humidity Range	%			10 to 95 Non-condensing			
COLOUR							
Processing Depth	colours			16.7m			
Refresh Rate	Hz			1,000			
BRIGHTNESS							
Brightness (After Calibration)	nits			>5,000			
Brightness Control				Auto/Manual			
POWER							
Input Voltage	VAC			110/220			
Input Power (Frequency)	Hz			50/60			
Input Power (Average)	watts/module			100			
Input Power (Maximum)	watts/module			300			
OTHER							
Lifespan	hours			100,000			
Computer System Type				PC Win7, Vista, XP			
Video Input				DVI, HDMI			
Connectors	Rental			Neutrik			
Connectors	Fixed			XHD connector			

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REV07/18.01.16/AC

MODULE SPECIFICATIONS - digiLED LT SERIES Outdoor DIP

		LT13	LT16	LT20
LEDS				
LEDs Per Pixel			1R1G1B	
Red Wavelength (Dominant)	nm		620	
Green Wavelength (Dominant)	nm		520	
Blue Wavelength (Dominant)	nm		465	
PIXELS				
Pixel Configuration		1R1G1B	1R1G1B	1R1G1B
LEDs Per Area	LED/m2	16,875	11,718	7,500
Physical Pixel Pitch	mm	13.33	16	20
Physical Pixel Resolution (Width)	pixels	48	40	32
Physical Pixel Resolution (Height)	pixels	54	45	36
Physical Pixel Resolution (Total)	pixels	2,592	1,800	1,152
Physical Pixels Per Area	pixels/m2	5,625	3,906	2,500
MODULE				
Active Module Width	mm		640	
Active Module Height	mm		720	
Active Module Area	m2		0.461	
Module Depth	mm		144	
Module Weight	kg		≤14	
LED Tile Width	mm		320	
LED Tile Height	mm		240	
Viewing Angle - Horizontal	degrees		110	
Viewing Angle - Vertical	degrees		60	
Ingress Protection	(Front)		IP65	
Ingress Protection	(Back)		IP54	
Cabinet Material and Surface Finish			Aluminium (Front access)	
LED Fixings			Fixed	
Storage Temperature Range	degree C		-20 to +45	
Operating Temperature Range	degree C		-20 to +45	
Operating Humidity Range	%		10 to 95 Non-condensing	
COLOUR				
Processing Depth	colours		16.7m	
Refresh Rate	Hz		1,000	
BRIGHTNESS				
Brightness (After Calibration)	nits	>5,000	>5,000	>6,000
Brightness Control			Auto/Manual	
POWER				
Input Voltage	VAC		110/220	
Input Power (Frequency)	Hz		50/60	
Input Power (Average)	watts/module		100	
Input Power (Maximum)	watts/module		300	
OTHER				
Lifespan	hours		100,000	
Computer System Type			PC Win7, Vista, XP	
Video Input			DVI, HDMI	
Connectors	Rental		Neutrik	
Connectors	Fixed		XHD connector	

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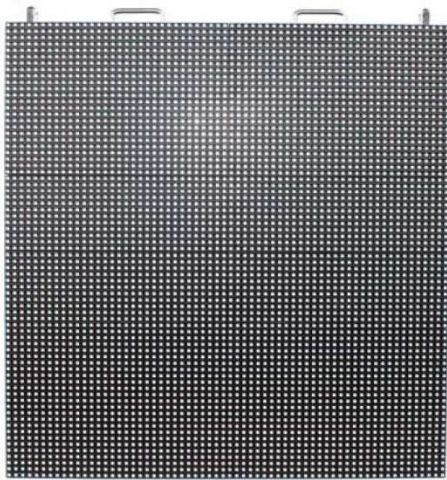
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One size fits all

With a standard size of 320mm x 240mm across the pixel range, the LT Tile offers an IP65 solution that's proving a hit with both the rental and fixed installation markets. Super-slim tiles with a depth of 89mm combine with fast-rig rental frames for the events market, with a weight of only 30.5kg per square metre. LT's small size is ideal for creating smooth faceted curves for creative fixed installations, and with ultra low power consumption, it's ideal for media owners.

All you need:

- Lightweight
- IP65 for outdoor use
- Slim at only 89mm
- Low power consumption
- Standard tile size across pixel range
- Indoor and outdoor ranges



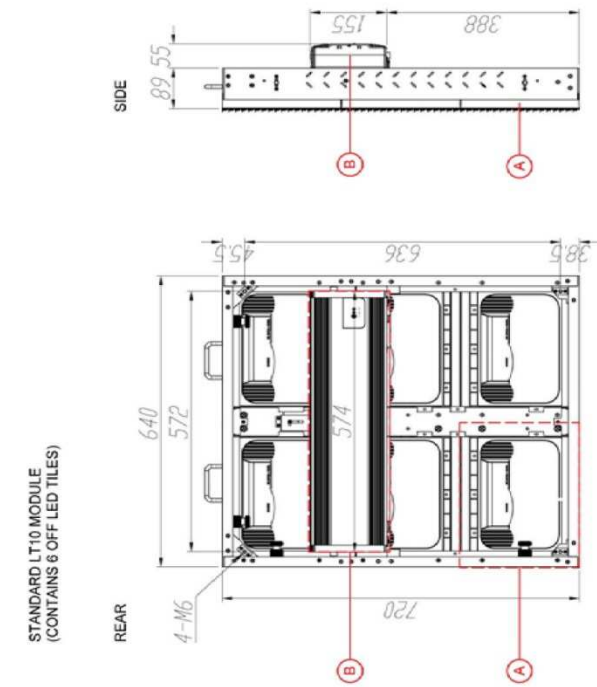
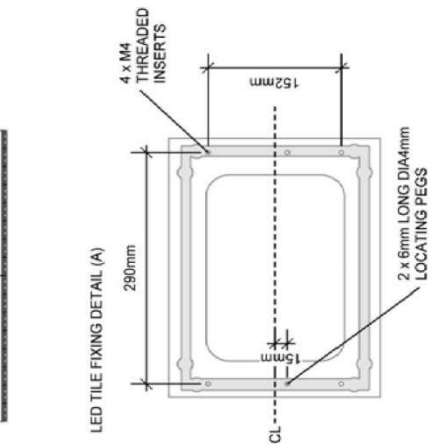
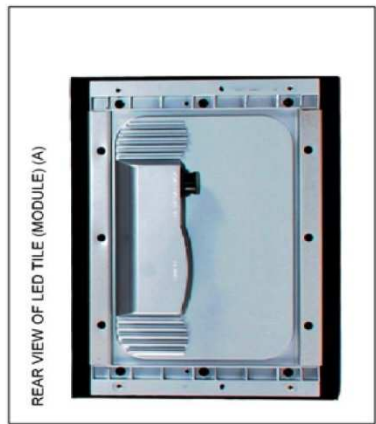
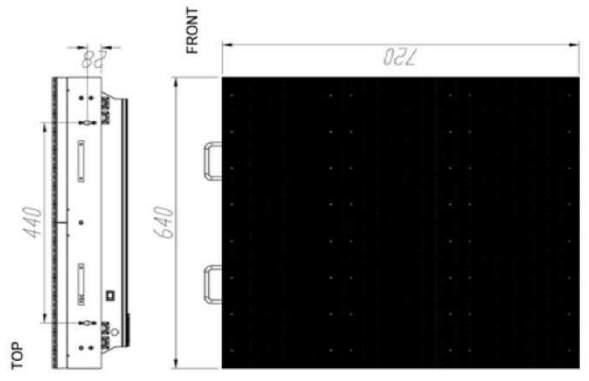
Standard system accessories

- digiLED Navigator screen interface
- Fast-rig rental frames
- Flight cases
- Hanging bars

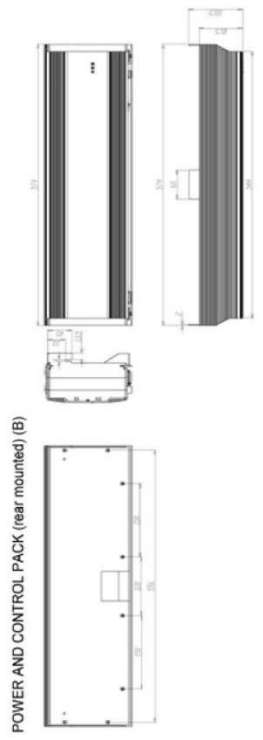
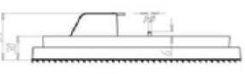


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STANDARD LT10 MODULE
(CONTAINS 6 OFF LED TILES)



NOTE: DO NOT SCALE FROM THIS DRAWING