



Super flexible and fantastic blacks, astonishing viewing angles digiLED newFLEX is a limitless creative solution for all your ingenious applications. Magnetic fixings makes rigging a doddle and if you need to swap tiles this is done in only a few seconds. Manufactured to high tolerances to create super smooth hi-res displays.

MODULE SPECIFICATIONS - newFLEX

		newFLEX 4500	newFLEX 4500N	newFLEX 5600	newFLEX 5600N	newFLEX 6600	newFLEX 6600N
LEDS							
Physical Pixel Pitch	mm	4.5	4.5	5.6	5.6	6.6	6.6
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 SMD					
LEDs Per Area L	LED/m2	148,148	148,148	95,564	95,564	68,868	
Physical Pixel Resolution (Width)	pixels	64	64	48	48	48	48
Physical Pixel Resolution (Height)	pixels	32	32	24	24	24	24
Physical Pixel Resolution (Total)	pixels	2,048	2,048	1,152	1,152	1,152	1,152
Physical Pixels Per Area	pixels/m2	49,382	49,382	31,888	31,888	22,956	22,956
MODULE							
Active Tile Width	mm	288	288	268.8	268.8	316.8	316.8
Active Tile Height	mm	144	144	134.4	134.4	158.4	158.4
Active Module Area	m2	0.041472	0.041472	0.03612672	0.03612672	0.05018112	0.05018112
Module Depth	mm	16					
Module Weight	kg	≤0.4					
Viewing Angle - Horizontal	degrees	170					
Viewing Angle - Vertical	degrees	160					
Ingress Protection (Front)		IP33 (indoor use only)					
Ingress Protection (Back)		IP31 (indoor use only)					
Surface Finish		Rubber					
LED Fixings		Magnetic turrets on rear face					
Storage Temperature Range	degree C	-20 to +65					
Operating Temperature Range	degree C	-10 to +40					
Operating Humidity Range	%	10 to 90 Non-condensing					
COLOUR							
Processing Depth	colours	16.7m					
Refresh Rate	Hz	1,920					
BRIGHTNESS							
Brightness (uncalibrated)	nits	1,800	1,800	2,500	2,500	2,000	2,000
Brightness Control		Auto/Manual					
POWER							
Input Voltage	VAC	110/240					
Input Power (Average)	watts/m ²	506	506	387	387	387	387
Input Power (Maximum)	watts/m ²	723	723	553	553	553	553
OTHER							
Lifespan	hours	100,000					

NOTE: White faced tiles are also available by special order. digiFLEX is not a calibrated product.

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

