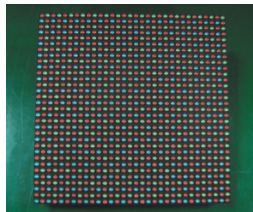




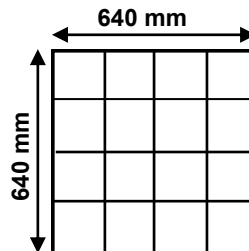
**MODEL REF: FULL COLOUR GRAPHIC BOARD - 10mm Pitch
OUTDOOR**



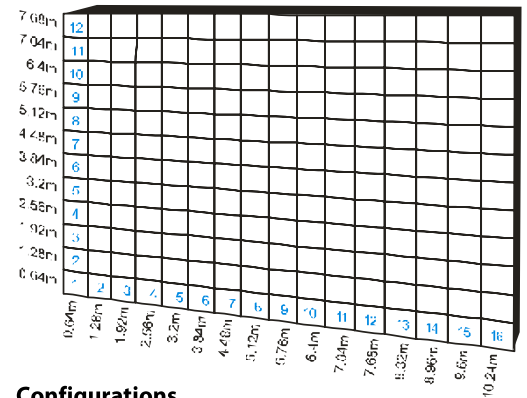
LED Lamps



LED Module



Cabinet



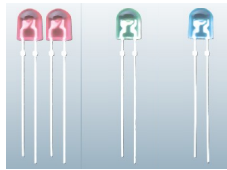
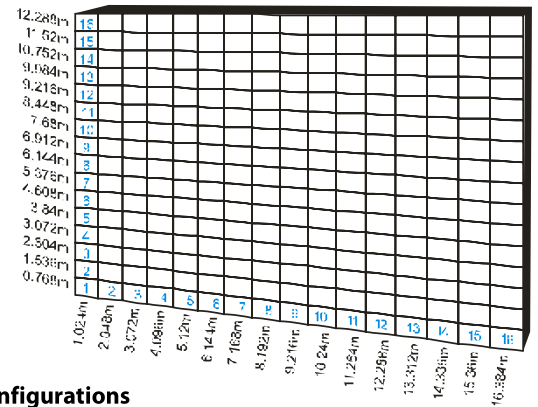
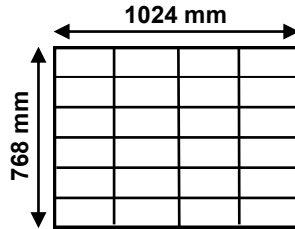
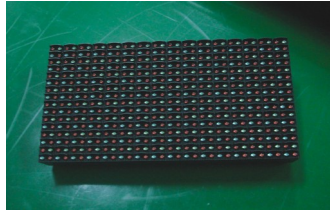
Configurations

10mm	Colour & Quantity	Wavelength (nm)	Brightness (mcd)	Viewing Angle (horizontal axis)	Viewing Angle (vertical axis)
LED Lamp Specs	1 x Red LED	625	900	120	60
	1 x Green LED	525	2100	120	60
	1 x Blue LED	470	800	120	60
LED Module	Pitch (mm)	Resolution W x H (pixels)	Module Dimensions W x H x D (mm)	Maximum Power Consumption (W)	Least Viewing Distance (m)
	10 mm	16 x 16	160 x 160	20	5 m
Cabinet Specs	Module Layout W x H (modules)	Resolution W x H (pixels)	Cabinet Dimensions W x H x D (mm)	Cabinet Face Area (m ²)	Maximum Power Consumption (W)
	4 x 4	64 x 64	640 x 640 x 150	0.4096	320
LED Display Specs	Pixel Density (pix/m ²)	Brightness (cd/m ²)	Contrast	Colour Temperature K	White Balance
	10000	>10000	64000:1	8000	0.29 0.31
	Display Method	Greyscale Processing (levels)	Colours (trillion)	Brightness Levels (manual or auto)	Natural Brightness Adjustment (levels)
	True	65536 (16 bit)	281.5	100 manual/timing	16 Auto
	Local RGB Brightness Adjustm't	Scan Rate (Hz)	Refresh Rate (Hz)	LED Drive Method	Scan Method
	Indiv'l Unit adjustment	1000	60-100	Constant Current	1/4
	Average Power Consumption (W/m ²)	Maximum Power Consumption (W/m ²)	Power Source (+/- 10 %)	Power Source Certification	Operating Temperature (°C)
	224	782	110/220V 50/60Hz	UL/CE/CCC	-25 to +45
	Operating Humidity	Data Transfer Range	Material	Colour	Std. Resolution
	= and <90% RH	Network cable 100m Fibre Optic 15Km	Steel/Aluminium Alloy	Black/Grey	1024 x768
Certifications	Manufacturing Tests	Waterproof Rating			
EN55082-1/1992, EN60950, ISO9001	PAT tested, 24 hour Soak test, CFC supplied upon request	Front Face IP67 Back face IP54			





**MODEL REF: FULL COLOUR GRAPHIC BOARD - 16mm Pitch Virtual Pixel
OUTDOOR**




LED Module

Cabinet

LED Lamps

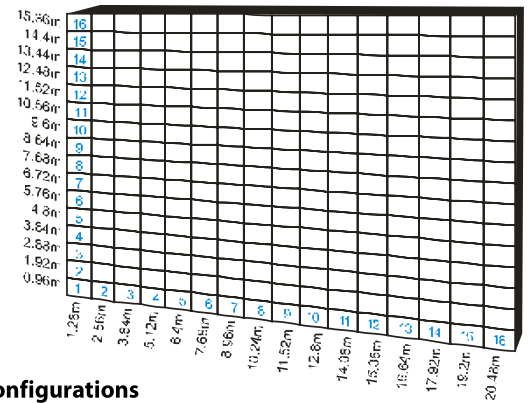
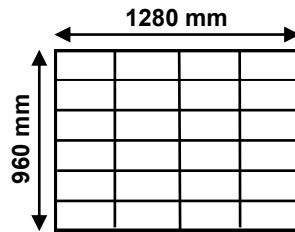
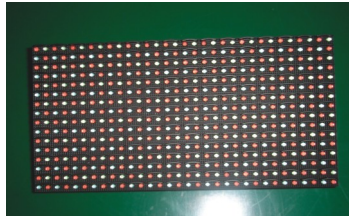
Configurations

16mm	Colour & Quantity	Wavelength (nm)	Brightness (mcd)	Viewing Angle (horizontal axis)	Viewing Angle (vertical axis)
LED	2 x Red LED	625	450 x 2	120	60
Lamp	1 x Green LED	525	1800	120	60
Specs	1 x Blue LED	470	300	120	60
LED Module	Pitch / Virtual Pitch (mm)	Resolution W x H (pixels)	Virtual Resolution W x H (pixels)	Module Dimensions W x H x D (mm)	Maximum Power Consumption (W)
Specs	16 mm / 8mm	16 x 8	32 x 16	256 x 128	36
Cabinet	Module Layout W x H (modules)	Resolution / Virtual W x H (pixels)	Cabinet Dimensions W x H x D (mm)	Cabinet Face Area (m ²)	Maximum Power Consumption (W)
Specs	4 x 6	64 x 48 / 128 x 96	1024 x 768 x 200	0.7864	845
LED Display Specs	Pixel Density (pix/m ²)	Brightness (cd/m ²)	Contrast	Colour Temperature K	White Balance
	3906	>10000	64000:1	8000	0.29 0.31
	Display Method	Greyscale Processing (levels)	Colours (trillion)	Brightness Levels (manual or auto)	Natural Brightness Adjustment (levels)
	Virtual / Real	65536 (16 bit)	281.5	100 manual/timing	16 Auto
	Local RGB Brightness Adjustm't	Scan Rate (Hz)	Refresh Rate (Hz)	LED Drive Method	Scan Method
	Indiv'l Unit adjustment	2000	60-100	Constant Current	Static
	Average Power Consumption (W/m ²)	Maximum Power Consumption (W/m ²)	Power Source (+/- 10 %)	Power Source Certification	Operating Temperature (°C)
	275	1100	110/220V 50/60Hz	UL/CE/CCC	-25 to +45
	Operating Humidity	Data Transfer Range	Material	Colour	Std. Resolution
	= and <90% RH	Network cable 100m Fibre Optic 15Km	Steel/Aluminium Alloy	Black/Grey	1024 x768
Certifications	Manufacturing Tests	Waterproof Rating			
EN55082-1/1992, EN60950, ISO9001	PAT tested, 24 hour Soak test, CFC supplied upon request	Front Face IP67 Back face IP54			





**MODEL REF: FULL COLOUR GRAPHIC BOARD - 20mm Pitch Virtual Pixel
OUTDOOR**




LED Module

LED Lamps

Cabinet

Configurations

20mm	Colour & Quantity	Wavelength (nm)	Brightness (mcd)	Viewing Angle (horizontal axis)	Viewing Angle (vertical axis)
LED	2 x Red LED	625	450 x 2	120	60
Lamp	1 x Green LED	525	1800	120	60
Specs	1 x Blue LED	470	300	120	60
LED Module	Pitch / Virtual Pitch (mm)	Resolution W x H (pixels)	Virtual Resolution W x H (pixels)	Module Dimensions W x H x D (mm)	Maximum Power Consumption (W)
	20 mm / 10mm	16 x 8	32 x 16	320 x 160	43
Cabinet Specs	Module Layout W x H (modules)	Resolution / Virtual W x H (pixels)	Cabinet Dimensions W x H x D (mm)	Cabinet Face Area (m ²)	Maximum Power Consumption (W)
	4 x 6	64 x 48 / 128 x 96	1280 x 960 x 200	1.2288	1020
LED Display Specs	Pixel Density (pix/m ²)	Brightness (cd/m ²)	Contrast	Colour Temperature K	White Balance
	2500	>7000	64000:1	8000	0.29 0.31
	Display Method	Greyscale Processing (levels)	Colours (trillion)	Brightness Levels (manual or auto)	Natural Brightness Adjustment (levels)
	Virtual / Real	65536 (16 bit)	281.5	100 manual/timing	16 Auto
	Local RGB Brightness Adjustm't	Scan Rate (Hz)	Refresh Rate (Hz)	LED Drive Method	Scan Method
	Indiv'l Unit adjustment	2000	60-100	Constant Current	Static
	Average Power Consumption (W/m ²)	Maximum Power Consumption (W/m ²)	Power Source (+/- 10 %)	Power Source Certification	Operating Temperature (°C)
	207	830	110/220V 50/60Hz	UL/CE/CCC	-25 to +45
	Operating Humidity	Data Transfer Range	Material	Colour	Std. Resolution
	= and <90% RH	Network cable 100m Fibre Optic 15Km	Steel/Aluminium Alloy	Black/Grey	1024 x768
Certifications	Manufacturing Tests	Waterproof Rating			
EN55082-1/1992, EN60950, ISO9001	PAT tested, 24 hour Soak test, CFC supplied upon request	Front Face IP67 Back face IP54			





**MODEL REF: FULL COLOUR GRAPHIC BOARD
 OUTDOOR**
**- 24mm Pitch Virtual Pixel
 - 30mm Pitch Virtual Pixel
 - 38mm Pitch Virtual Pixel**

Detailed below are some alternative pitch Graphic Board Specifications. For more details please contact us.

24mm	Colour & Quantity	Wavelength (nm)	Brightness (mcd)	Viewing Angle (horizontal axis)	Viewing Angle (vertical axis)
LED	2 x Red LED	625	450 x 2	120	60
Lamp	1 x Green LED	525	1800	120	60
Specs	1 x Blue LED	470	300	120	60
LED	Pitch / Virtual Pitch (mm)	Resolution W x H (pixels)	Virtual Resolution W x H (pixels)	Module Dimensions W x H x D (mm)	Maximum Power Consumption (W)
Module	20 mm / 10mm	16 x 8	32 x 16	320 x 160	43
Cabinet	Module Layout W x H (modules)	Resolution / Virtual W x H (pixels)	Cabinet Dimensions W x H x D (mm)	Cabinet Face Area (m ²)	Maximum Power Consumption (W)
Specs	4 x 6	64 x 48 / 128 x 96	1280 x 960 x 200	1.2288	1020

30mm	Colour & Quantity	Wavelength (nm)	Brightness (mcd)	Viewing Angle (horizontal axis)	Viewing Angle (vertical axis)
LED	2 x Red LED	625	450 x 2	120	60
Lamp	1 x Green LED	525	1800	120	60
Specs	1 x Blue LED	470	300	120	60
LED	Pitch / Virtual Pitch (mm)	Resolution W x H (pixels)	Virtual Resolution W x H (pixels)	Module Dimensions W x H x D (mm)	Maximum Power Consumption (W)
Module	20 mm / 10mm	16 x 8	32 x 16	320 x 160	43
Cabinet	Module Layout W x H (modules)	Resolution / Virtual W x H (pixels)	Cabinet Dimensions W x H x D (mm)	Cabinet Face Area (m ²)	Maximum Power Consumption (W)
Specs	4 x 6	64 x 48 / 128 x 96	1280 x 960 x 200	1.2288	1020

38mm	Colour & Quantity	Wavelength (nm)	Brightness (mcd)	Viewing Angle (horizontal axis)	Viewing Angle (vertical axis)
LED	2 x Red LED	625	450 x 2	120	60
Lamp	1 x Green LED	525	1800	120	60
Specs	1 x Blue LED	470	300	120	60
LED	Pitch / Virtual Pitch (mm)	Resolution W x H (pixels)	Virtual Resolution W x H (pixels)	Module Dimensions W x H x D (mm)	Maximum Power Consumption (W)
Module	20 mm / 10mm	16 x 8	32 x 16	320 x 160	43
Cabinet	Module Layout W x H (modules)	Resolution / Virtual W x H (pixels)	Cabinet Dimensions W x H x D (mm)	Cabinet Face Area (m ²)	Maximum Power Consumption (W)
Specs	4 x 6	64 x 48 / 128 x 96	1280 x 960 x 200	1.2288	1020
	Certifications	Manufacturing Tests	Waterproof Rating		
	EN55082-1/1992, EN60950, ISO9001	PAT tested, 24 hour Soak test, CFC supplied upon request	Front Face IP67 Back face IP54		

