

LED Information Ticker

o/a Size: 14400mm (w) x 640mm (h) x 110mm (d)

LED Screen:

14400mm (w) x 640mm (h)

P6.67 (6.67mm LED pitch)

Resolution: 2160 (w) x 96 (h) pixels

LED Cabinets:

each 960mm (w) x 640mm (h) x 110mm

15 cabinets (w) x 1 cabinet (h)

The cabinets are constructed from aluminium with matt black coating to RAL9005.

When not operational the LED ticker screen will look black.

When operational the screen will show static adverts for Wren Kitchens.

The cabinets will be fixed to existing steelwork with metal brackets.

The LED cabinets will project approx 100mm from the front of the building (similar to existing static signage).

The screen has a light sensor which automatically reads ambient light levels and smoothly adjusts accordingly. The maximum brightness is 4000cd/m² and can be reduced to 150cd/m² during darkness

Content:

The screen will show static adverts and information and will not change more often than once every 10 seconds.

FRONT ELEVATION AS EXISTING



FRONT ELEVATION AS PROPOSED



SPECIFICATIONS for LED Cabinet - 6.67mm LED Pitch :

LED Type:	SMD2727
Pixel Pitch:	6.67mm
Pixel Configuration:	1R 1G 1B
LEDs:	High Bright LEDs on matt background
LED Lamp:	Full Colour
Density - pixels/m ² :	22,477
Module Size (9 per cabinet):	320 x 320mm x 14mm
Module Resolution:	48 x 48 pixels - 2304 dots
Module Power:	≤60W
Drive Voltage:	5v DC
Standard Cabinet Size:	960 x 640 x 110mm
Cabinet Weight:	Typically 18Kg
Cabinet Resolution:	144 x 96 pixels
Light Intensity (Brightness):	≥4000cd/m ²
Viewing Angle:	140° (Horiz)/120° (Vert)
Min. Viewing Distance:	10m
Grey Scale:	Within 65536 Step
Frame Frequency:	≥ 60Hz
Refreshing Rate:	≈3840 Hz
Scanning Mode:	1/6
Display Colours:	281 trillion
Continuous Working Time:	>24 Hrs
LED Life (to50%):	>100,000 Hrs continuous
MTBF:	>5000 Hrs
Max Max Consumption:	750W/m ²
Average Power Consumption:	300W/m ²
Operational Temp Range:	-10° to +60° Celsius
Operating Humidy Range:	10% to 98% RH
Storage Temp Range:	-40° to +65° Celsius
Protocol:	Standard
Interface Type:	Variable as per customer requirement
Software:	Various Software Options
Maintenance:	Front Access
Certificates:	EMC, BIS, PSE, FCC, CE, UL, CB
LED Shield:	Louvre above each pixel
Cabinet Construction:	Aluminium finished in matt black coating RAL9005
Protection Level:	IP65

All cabinet external fittings: to have security secure fixings
Cabinet shall be capable of withstanding normal exposure to dry heat; cold; damp heat; cyclic; limited vibration and occasional impact.
Power and Data Cables: to be internal to cabinet and mounting posts

