

# AURORA INSTALLATION QUICK GUIDE

Aurora Global have developed Display System that simplify the installation phase as much as possible so as to save you time with regards to commissioning onsite. This system includes factory calibration, Data topology and cabinet sequencing.

## BEFORE YOU START:

Check your Packaging to ensure you have –

### 1. AURORA USB DRIVE

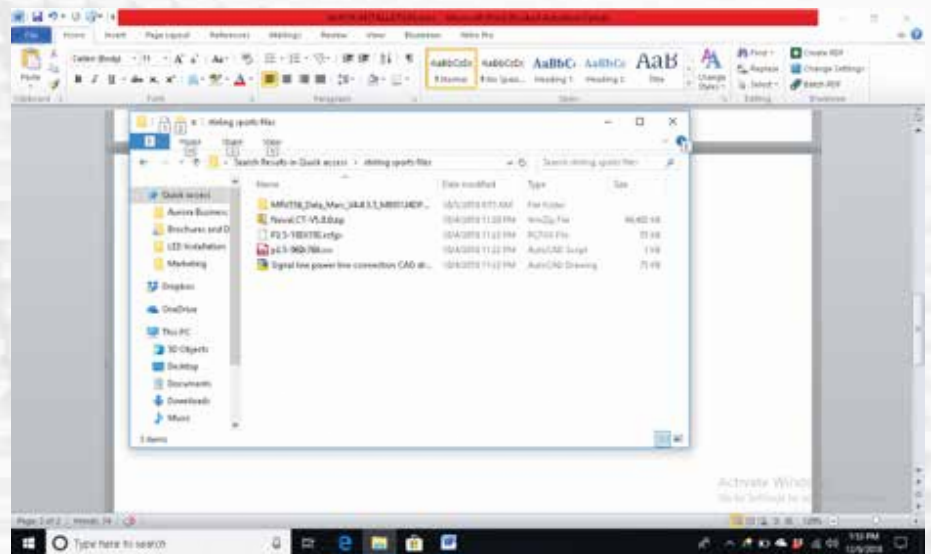
USB will have a PRJ XXX number that makes your project documentation



### 2. CHECK FILES ON YOUR USB DRIVE

You should have:

- Single Line CAD Drawing
- Matching version of Novastar MARS Software (version LED has been calibrated with)
- Data Firmware Version for Receiver Cards ( Novastar)
- Screen Intelligent File containing the complete configuration backup.
- Screen receiver Card File (.RCFG)
- Screen Display Connection File (.SCR)



Should ANY of these files (or USB) be missing please contact your local Westan Representative.

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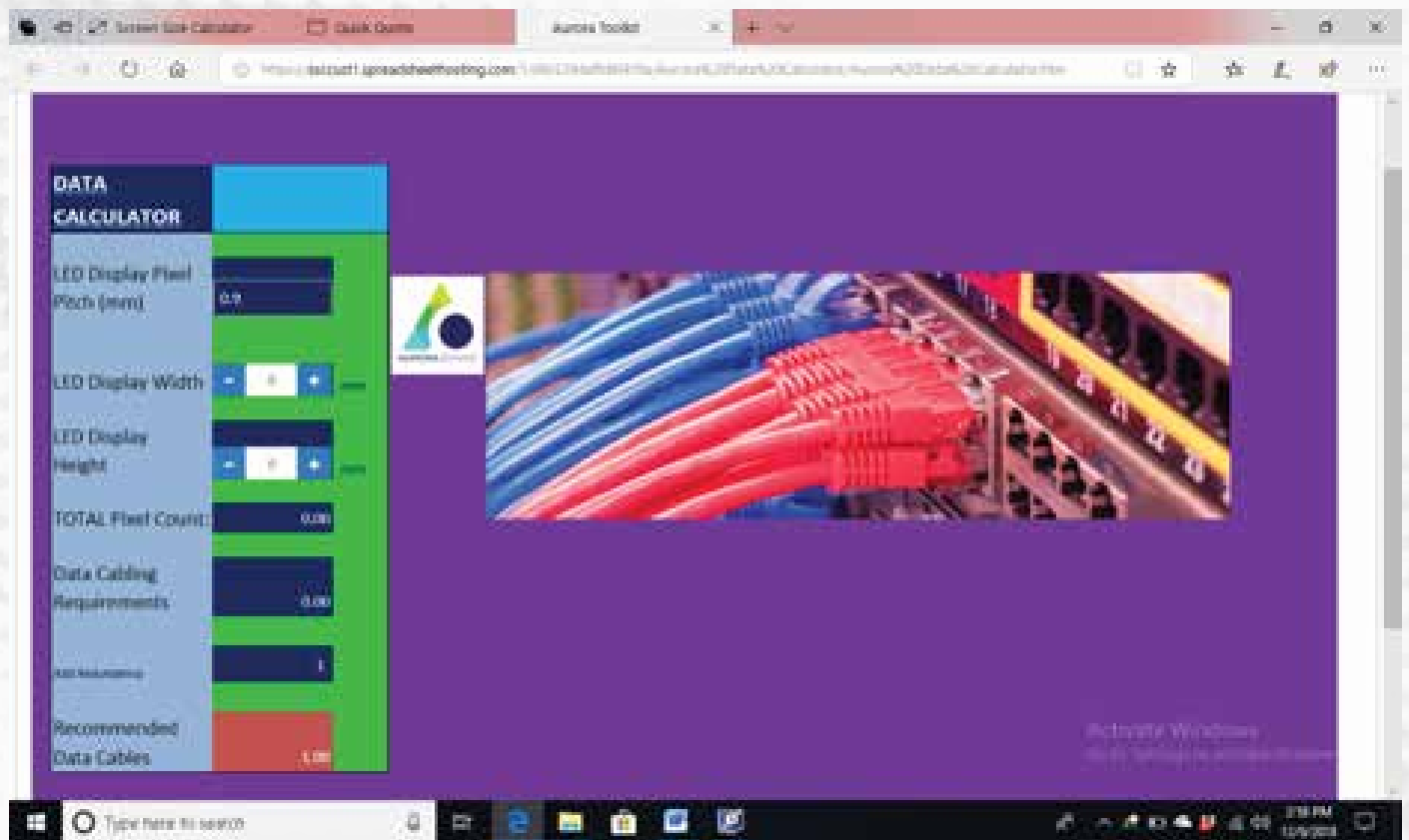
## 3. POWER AND DATA PROVISION

In order to calculate the requirements for Cat6 (Data / Video) cabling and Power Cabling please utilize the following Aurora online Tool.

<https://tinyurl.com/yb4fm7p7>

### PURPOSE:

To calculate the number of Data Cables ANY Installation will require based on the inputted size w x h (in mm) and the selected pixel pitch along with allowance for redundancy.



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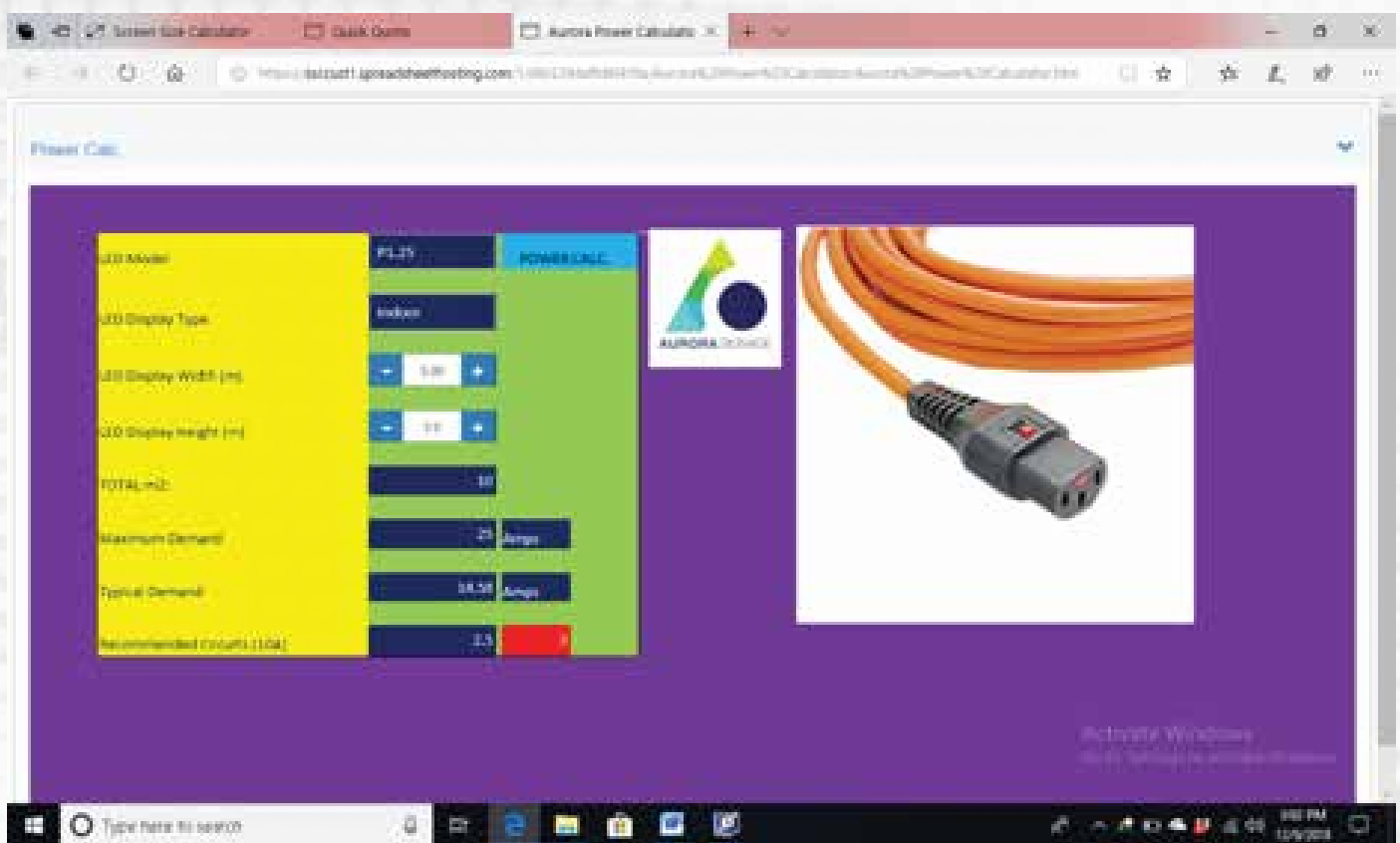
For Power Calculation please use :

<https://tinyurl.com/ya97bm9n>

## PURPOSE:

To calculate the power lead in requirements (based on standard 10A circuits) for any screens that you sell.

Does not have to be 10A , as long as the load demand is catered for you can use less circuits at 20A etc. I have chosen 10A as this represents a standard power outlet.

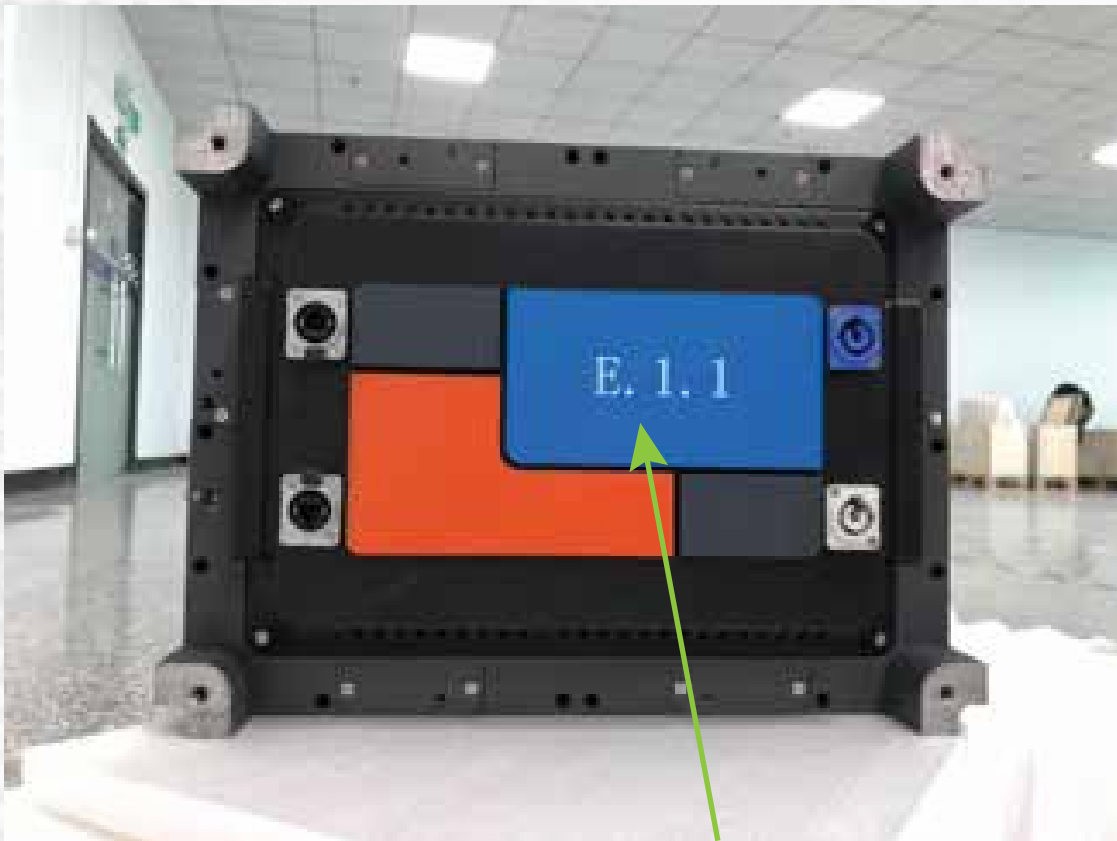


Once these numbers have been calculated, both Data and Power can be provisioned to the display whilst keeping in mind the single line display diagram to ensure that the Data lead in cabling matches the start position (lead in cabinet) where possible.

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## 4. CABINET LAYOUT

To assist in keeping the installation consistent with the original manufacturing topology, Aurora cabinets are identified according to a sequence. This sequence (as per example pictured below) will directly correlate to the single line diagram supplied on the USB stick.



Sequence number: Ensure to install in a sequence that matches your single line connection diagram

## 5. INSTALLATION

Download or View our Video Example of the cabinet installation at :

<https://www.dropbox.com/s/rmxvxc52lkv22xk/Aurora%20LDC500.mp4?dl=0>

or Youtube –

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## 6. WHEN SOMETHING GOES WRONG

If something should go awry there is no need to panic, configurations can be adjusted by the local WESTAN or AURORA support team and typically the original configuration files can be re uploaded OR the Display Connection Topology can be adjusted to suit a non-matching cabinet installation.

This configuration can all be adjusted in the Novastar LCT Mars Software BUT the software should not be used without a Westan / Aurora technician in support unless you have undertaken the prescribed Novastar training course.



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