**General Data Notes:**

1. You will notice that we have split the spreadsheet into the individual tables at the top – out of the box we just receive a single sheet with all fields and no differentiation between the tables. How can we download this data, so it is clearly labelled / only downloads one table rather than the whole database?

* As the database created, you could use SQL command to get data from each table and download them separately

1. We have a question mark in all “ID” fields as we will need to understand how they will generate, questions include:
   1. Do we manually generate them / choose them in the relevant tables or are they auto generated?

* The ID of every table will determine an integer for every product. The ID will deter the order of the product add in and the ID will automatically assign as the product added. For example, the first product will have the ID 1 and product 2 has ID 2, etc...
  1. When in the other tables that reference the ID, do we get a drop down that shows the name relevant to the ID (for quick reference, e.g. ProductID = 3, do we have to know what 3 is related to or will we get a name associated e.g. ProductID = 3 (Como))
* ID is an integer however there is another fields is productName which is name of the product itself. Product ID will be assigned automatically with a integer and ProductName will be a Name like Como Black Plus IP44 or Como Black Plus AV. Como itself with belongs to the FamilyName

1. Please review the “Comments” row for any initial feedback. Field Names that are highlighted in Orange and have no data underneath are to be removed.

* Done

1. We have a question mark in all fields that link off to an image / file – simply because we don’t know where they will live and how we fill this field. I’m sure this will be apparent as the site is built? Can we place these assets in while the website is being built?

* Yes you can always change the image no matter the time of the process

1. We need the ability to track the status of a product, i.e. is it Current, Obsolete, Draft/Incoming, Clearance.
   1. Further to this, how can we track dates of the status? i.e. we want to know what date a product went obsolete

* I will created field names for the status and date added. Also I need to know can could I know how long to make a product go obsolete so I could configure and you give the date.
  1. This will allow us to pre-fill a database of a new product, and also house data from obsolete products

1. The sample data has SubFamilyName which I would expect have the product’s name within the family listed, but the sample data has what we would describe to be a “Product Category” listed.
   1. Can we have Sub Family Name that I can use as a product’s sub category (example, Family Name would be “Como” and Sub Family Name would be “Como Black Plus”) and use the ProductCategory / SubCategory fields in the “Products” table for this?

* Yes, this will be in the Families, SubFamilies and Products Groups Table
  1. If yes to the above, just a note; each product will have multiple Categories / Sub Categories to attach. Do we list the ID’s for each of these? How does this work?

1. Related Products – do we type in the ProductID of all related products? Is this manual or based on attributes? There will be multiple related products per individual product.

* We need to change the frontend to make sure that Product will be relate to each other this also applied for 6b as soon as we comes to configure the frontend. I will also I a RelatedGroups Table for better matching.

1. Dimensions, it seems that a single field for “Dimensions” is more favourable than individual fields – how does that affect our filtering on the website though? Need your guidance here. Also, as you can see, Engineering typed in dimensions manually and it didn’t match the sample data so some data validation guidance needed here.

* As the backend function, we will make sure that all field with 2 individual data would be match with the search engine

1. We have Advertised Watts in Electrical, we need an Actual Watts field in there too.

* Done

1. Driver InputVoltageRange has a need for VAC and VDC fields as you can see, shall we separate these?

* As I mention in number 8, 1 field is perfectly fine as long as the backend of the search engine is well-established

1. Can we have a Remote Driver field, to say YES or NO.

* Done

1. TaC field in Driver has a single field, I believe we should split out as per other area in database.

* TaC\_Min and TaC\_Max

1. Engineering are hoping for a way to track Certifications / Approval info on our drivers. Their brief is as below:  
     
   The following certification fields would be required for drivers on the database:

Certification Status: this will have three fields: EXPIRED, CURRENT, NOT REQ, NONE

Certification Expiry: Data field and to be left black if there is no expiration date

Certification Level: Normally just Level 1 & Level 3 but need the ability to put additional text

Certification Reference: document number of certification documents – need at least 50 alphanumeric here.

* Done

1. Any product we purchase from our supplier “Glamox” has serious repercussions if we do not have the correct data and fields of data on a spec sheet – they are used in hazardous areas and can cause loss of human life if data is wrong.  
     
   We have worked closely with the Glamox data sheets and added in the necessary fields into the attached Excel spreadsheet – this will allow us to provide the Glamox data on a Versalux data sheet. Please add these fields in as noted – I have also included sample data in there so you can see what data is expected. Glamox data sheets also attached for Owen / Arslan’s benefit.

* Done

1. In order to achieve a proper Cone Lux Diagram on the website’s specification sheet, we will need to have provision for the data that is placed in the table next to the Cone Lux Diagram, as seen below:  
     
   A yellow triangle with black lines

   Description automatically generated  
     
   Column 1 is height, they will always be 1, 2, 3, 4, 5 metres. Depending on the photometry characteristics, the three columns then change data. Column 2 is Diameter, Column 3 is Max lux and Column 4 is Medium lux. These figures are directly related to a single product’s photometry so should link to the Photometry ID, however as they are an array/table we need your help on the best way to collect this data?  
     
   If you are interested, the outcome on the data sheet will look something like Flos’ data sheet such as this – we are just having two columns for lux whereas they only show one:  
     
   A diagram of a light source

   Description automatically generated

* To collect and store the data required for the Cone Lux Diagram, which involves capturing height, diameter, maximum lux, and medium lux values for different photometry characteristics, the best approach is to create a separate table that links to the Photometry (or IESFiles) table. This table will store each row of data (height, diameter, max lux, and medium lux) as a separate record. This will be in the excel