



## Instruction sheet:

- 1 . Types
- 2 . Family Type panel, how it works
- 3 . Inside the host project



NOTES

# ESTRO Omnia GC Empty

## What to look for:

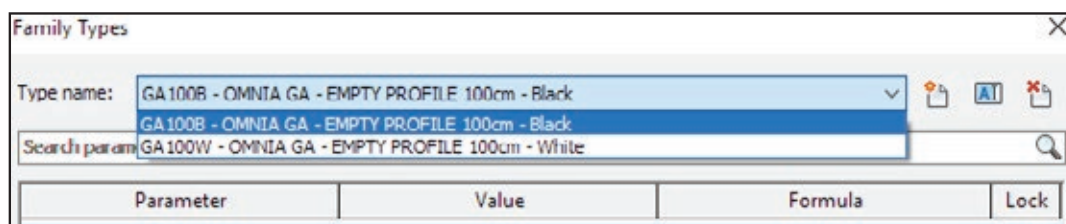
The .rfa file is a "Family" file. It contains a number of 3D models handled by various parameters. In addition to those models you will find all the necessary information to use them.

### 1 . Types:

Open the file and go to:

Create tab -> Properties tab -> Family types (Image\_1)

Here you can find all the available versions of the product. They only have different Finishing Colours.



\_1



Please note that this OMNIA GC profile does not contain a photometric file since it is an empty element with adjustable lenght.



OMNIA GC can be purchased exclusively in combination with GA/GB profiles. The products have to be ordered separately.

Every type is easily identified by a unique code (e.g.) (Image\_2):

- ① Model code (initial 2 letters)
- ② Maximum lenght (3 numbers)
- ③ Colour (A single letter)



\_2

## 2. Family type panel, how it works

### Text info

The first section is about the available versions of the product depending on: (Image\_3)

- ① Available Finishing Colors
- ② Available Drivers



*Please note that Drivers are required and they must be purchased separately.*  
In this section of the panel you will find the necessary information to choose between the available ones.

Family Types			
Type name: GA100B - OMNIA GA - EMPTY PROFILE 100cm - Black			
Search parameters			
Parameter	Value	Formula	Lock
<b>Text</b>			
Code	GA..... (code to complete)	=	
Available Extruded Profile Finishes	CLICK here for INFO ----->	=	
Available Driver	CLICK here for INFO ----->	=	
<b>Materials and Finishes</b>			
Extruded Profile	Black (cod.B)	=	
<b>Electrical</b>			
Commenti sul wattaggio		=	
Lampada		=	
<b>Electrical Engineering</b>			
Voltage	24.00 VA	=	
<b>Dimensions</b>			
Effective Length (default)	1000.00	= if(Length > 1000 mm, 1000 mm, if(	<input type="checkbox"/>
Length (default)	1000.00	=	<input type="checkbox"/>
<b>Identity Data</b>			
Assembly Code		=	
Type Comments	Lighting fixture to be multiplied to	=	
Cost		=	
Data sheet	<a href="http://prod-ilmas.s3-website-eu">http://prod-ilmas.s3-website-eu</a>	=	
Description	Recessed linear lighting fixture alu	=	
Type Image		=	

\_3



Please consider that if you are willing to use OMNIA GC profiles for indirect lighting you can download the already assembled .rfa file from Ilmas website.

## 3. Inside the host project

### 3.1 How to import a .rfa file

Open your project.

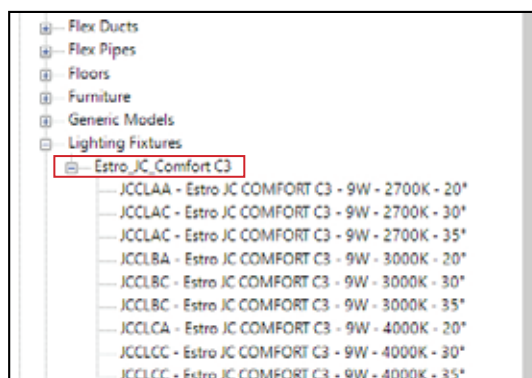
Go to: *Insert* tab. -> *Load from library* -> *Load Family*

Choose the .rfa you have previously downloaded and click open.

Revit will automatically place the Family file in the project Browser under the heading *Families - Lighting devices* (Image\_4 e.g.)

The tree diagram will now show the family types listed under the Family name.

Select the type you want to use according to the characteristics.



\_4

On the right side of your monitor you will find all the object properties that have been already set out. To place the object just drag and drop it from the Project browser to the correct position in your project.



*Please note that the current lighting fixture is designed on a ceiling based Template. It means that you can only place it on an existing false ceiling. The software will only allow to drop it there.*

Omnia GC profile does not require an installing opening since it is installed on the false ceiling surface. The software will place it at 1,30 cm from the lower side of the false ceiling by default.

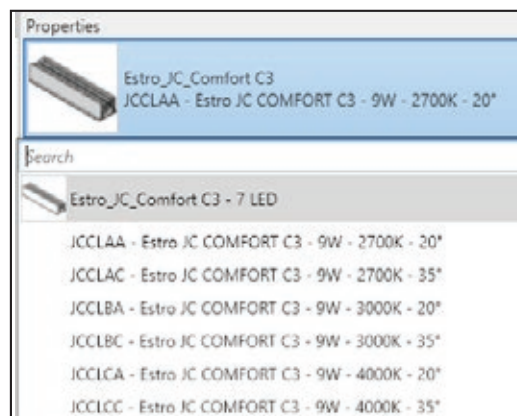
### 3.2 Moving through the types

The useful feature of a Family file is that you can switch from a type to another an endless number of times. Select it in one of the available views then go to the *Properties* tab on the right side of the monitor and choose a different one from the drop-down menu listing all the types. (Image\_5)

You can download a product (or even a completely different one) in all the existing versions and upload every file in the same project. The *Project Browser* updates as it happens and shows all the loaded families.

It is now possible to switch not only from a type to another but also from a Family to another without having to remove the old object and place a new one every time. Revit will automatically replace it in the model in the right position.

To do so follow the same process previously illustrated.



\_5



### 3.3 Dimensions, how to edit

The last part of the code is made up of numbers and letters describing the desired length of the profile and the selected finishes for the extruded profile.

Once loaded in a host project, every Type of every .rfa file offers the possibility to choose and visualize all the available options or to edit them.



*Always remember that any change to the 3D model won't effect its code. To correctly list the objects in your project you must rename, or duplicate and rename the types adding the missing part of the code.*

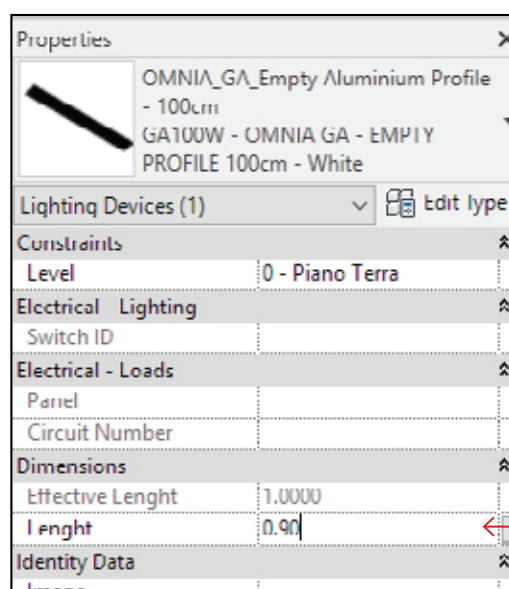
Follow the instructions to choose the length:

The 3D model you downloaded has a maximum available length. The same empty adjustable product exists in three different versions, depending on this parameter. You can have the 100cm/200cm/300cm max length. Download the one that suit your needs best.



*E.g. : The Empty 100 cm length can be adjusted from 1cm to 100 cm only. For longer modules please download the correct product.*

Left Click on the object, go to the *Properties* tab on the right side of the monitor and insert the new length in the *Length - Value* line. Please notice that the software only allows you to insert a measure between 1 to 100 cm/ 101 to 200 cm/ 201 to 300 cm. It will not stretch the profile outside the given dimension range. (Image\_6)



\_6

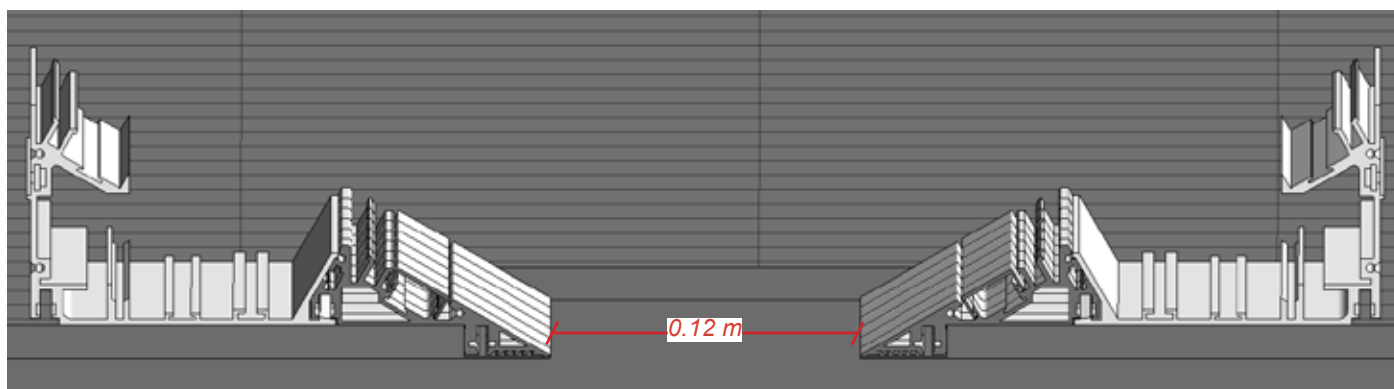


### 3.3 Assembling profiles

Omnia profiles are used for cove lighting. OMNIA GC profile is designed to be assembled with GA/GB profiles. By using it you can implement the number and type of lighting sources in your cove. Download the profiles you want to use and load the families in your host project in the same way previously illustrated. You can place them singularly on the perimeter of a shaped ceiling or in pairs anywhere on the ceiling's surface. The software will automatically create the installing opening after you place GA/GB profiles. The default measure is 60mm from the edge of the profile. (Image\_7)



*Please consider that you can only create 80/120/160mm wide coves. For special requests always refer to Ilmas S.p.a..*



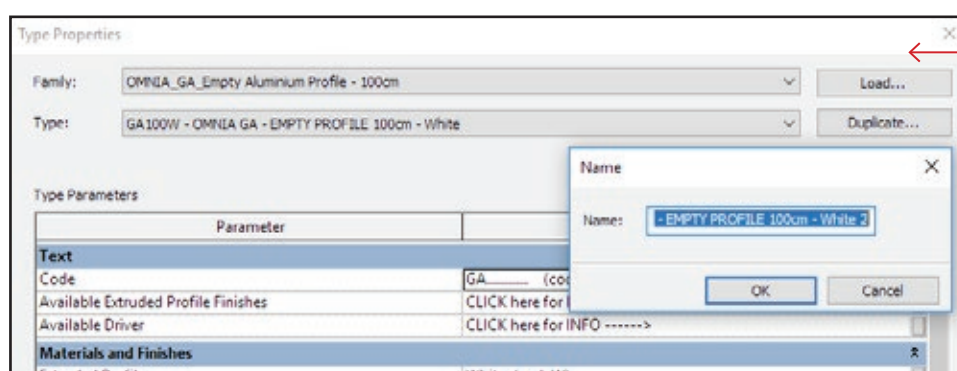
\_7



*Please keep in mind that by changing the Extruded profile's lenght, the name and the relative Code of every type does NOT change. If you need to use and catalogue different versions for the same product the type will have to be duplicated and saved with a proper name.*

Open the *Type Properties* panel as shown earlier by clicking on *Edit Type*.

Select *Duplicate*, give a new unique name to the object. Change the numbers referring to the profile's lenght. This will allow you to catalogue all the types within a *Schedule of Materials/Objects/Lighting fixtures*. (Image\_8)



\_8



## Final comments:



All the instructions given here can be applied to all the OMNIA EMPTY category products.

Names and images referring to a specific product are to be intended as an example.

Ilmas S.p.a is always available for any necessity. Please refer to the society contacts for your requests, we will be glad to help.

Dimensions and shapes of the 3D models are indicative. Always check the Data Sheets before your purchase.

Ilmas reserves the right to change Photometric and Electric characteristics of the products without notice. Once again, always refer to Data Sheets for official information.