



Instruction sheet:

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



NOTES

Ring

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 have different Color Temperatures (K) while they have the same Powers (W) and beam angle.

Family Types	
Type name:	11062DZ1 - RING - White body - 3000K
	11062DZ1 - RING - White body - 3000K
Search param	11062DZ2 - RING - Black body - 3000K
	11063DZ1 - RING - White body - 4000K
	11063DZ2 - RING - Black body - 4000K
Constraints	

_1



Please note that if you need the same product with different Powers (W), you should refer to Ilmas product search application (link) and download it.

Every type is easily identified by a unique code (e.g.) (Image_2):

- ① Model code (initial 4 numbers)
- ② Color temperature (K) code (a single number or letter)
- ③ Power (W) code (a single number or letter)
- ④ Beam angle code (a single letter)
- ⑤ Standard finishing code (1)
- ⑥ Characteristics recap

① 1106 ② 2 ③ D ④ Z ⑤ 1 - RING - White Body - 4000K ⑥

_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 Color Temperature
- ② Beam Angle (a single option)
- ③ Finishing colors (single or double option)
- ④ Drivers
- ⑤ Recap of all the Lighting parameters.



Please note that Ring is supplied with a standard Driver. If you need a different one you have to add the specific identifying code at the end of the general one.

Family Types		
Type name: 11062DZ1 - RING - White body - 3000K		
Search parameters		
Parameter	Value	Formula
Constraints		
Default Elevation	0.0	=
Text		
① Code	1106..... (code to complete)	=
② Available Color Temperatures	3000K (cod. 2D) - 4000K (cod. 3D)	=
③ Available Beam	120° (cod. Z)	=
④ Available Finishing Colours	White (cod. 1) - Black (cod. 2)	=
④ Available Driver	Standard Driver included - DALI (cod. L)	=
⑤ Setting of lighting parameters	CLICK here for INFO ----->	=

_3

Ring is a suspended lighting device: the suspension consists of 3 adjustable steel ropes, ceiling cap and electrified suspension cable.

The steel ropes lenght is a editable parameter, you can find it under the heading *Dimensions - Cable lenght*. Manually insert the wanted lenght and select Apply.



The Cable Lenght Value is automatically limited by the software at a maximum of 1800 mm. Ring is supplied with this characteristics, for any special need always refer to the Data Sheets and to Ilmas@ilmas.com



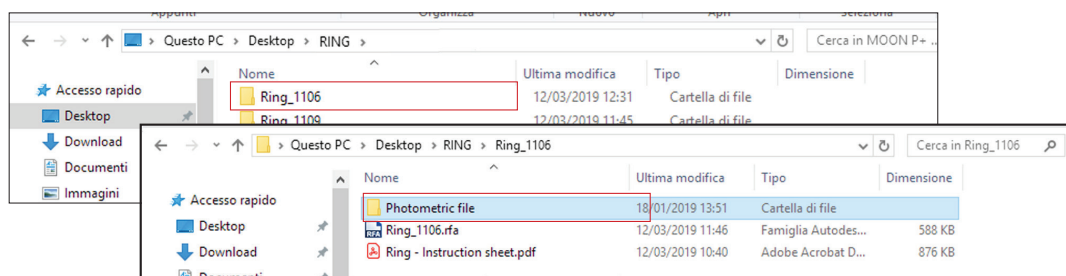
Electric / Photometric info:

The following part of the interactive panel is about electric and photometric characteristics.



Please note that this section is given to you already filled with the correct information so you don't need to manually change anything. Each type is ready-to-use.

Each product type is linked to the proper photometric .ies file. The .ies file will be automatically downloaded within the 3D model and placed in a specific folder. (Image_4)



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Please don't change the position of the .ies file or you will have to manually relink it inside the software.

Identity data:

The last part of the panel contains some useful links (Image_5). One that directly takes you to the data sheet of the specific type on the Ilmas website, another one that takes you to the price list request form and the last one that takes you to Ilmas Website.

Here you also have the Model Name, a brief description and an email address to refer to if necessary.

Data sheet	https://s3-eu-west-1.amazonaws.com	=	
Description	Trim recessed installation fitting wi	=	
Type Image		=	
Info	ilmas@ilmas.com	=	
Model	Ring 1106	=	
Keynote		=	
Price list	http://www.ilmas.com/en/richie	=	
Manufacturer	ILMAS s.p.a.	=	
URL	http://www.ilmas.com/en/index	=	

_5



All .rfa files are fully editable but if you need a special product you can ask for the specific file. Do not hesitate to contact us.



3. Inside the host project

3.1 How to import a .rfa file

Open your project.

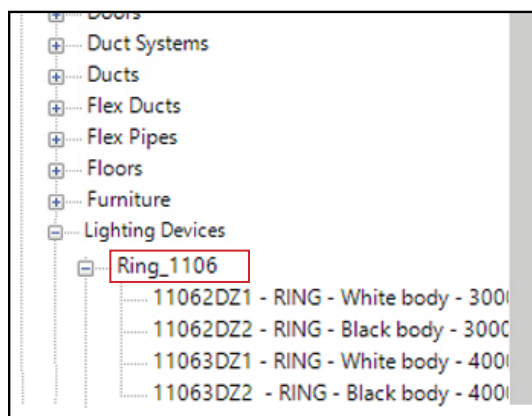
Go to: *Insert* tab. -> *Load from library* -> *Load Family*

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_6)

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.



_6

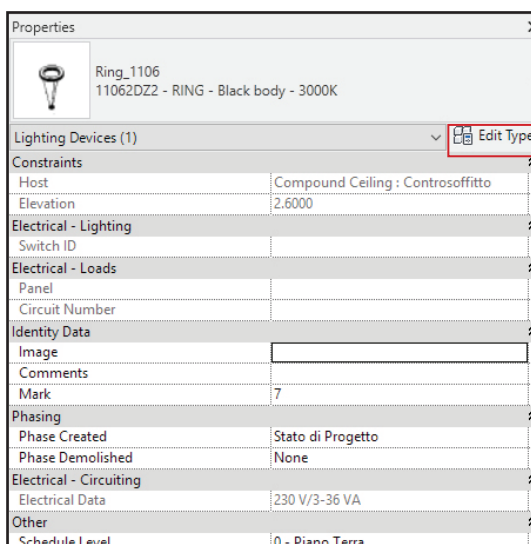
On the right side of your monitor you will find all the object properties that have been already set out. To place the object just drag and drop it from the Project browser to the correct position in your project.



Please note that the current lighting device is designed on a surface based Template. It means that you can hypothetically drop it anywhere in the project. Just be sure to place it on a ceiling/false ceiling since it is a suspended- mounting element.

3.2 How to manage Cable Length

As explained earlier in this document the Cable Length is an editable parameter. To adjust its value inside the host project please select the object and then click on the button *Edit Type* (Image_7). On the interactive panel that opens find the heading *Cable Length* and in the Value column manually insert the right dimension.



_7



3.3 Moving through the types

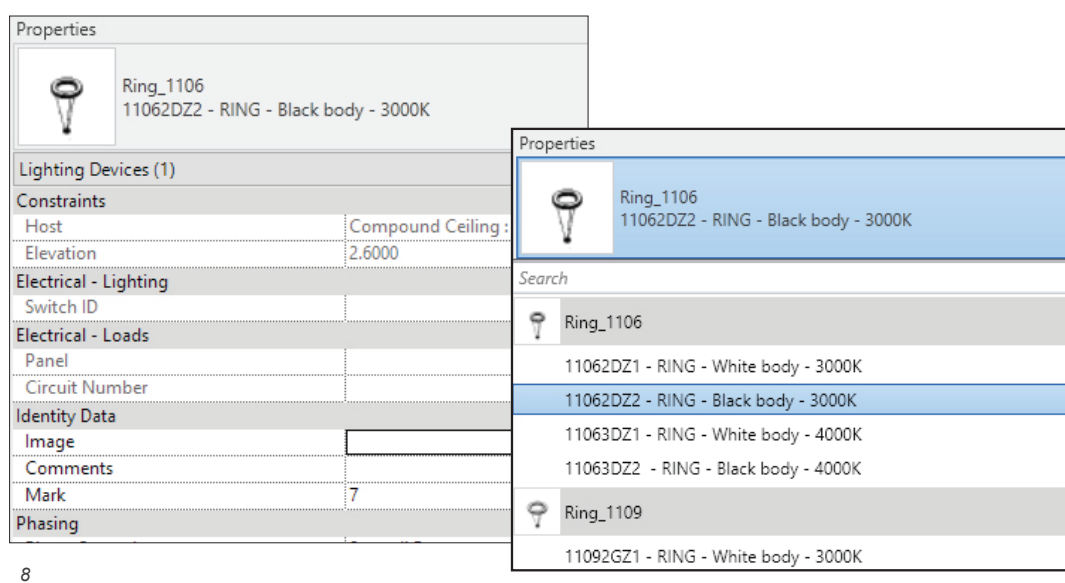
Once you have placed the object you can see the *photometric diagram* in 3D.

If it doesn't happen please check the box *Light Source* in your *Visibility/ Graphic Overrides* options under the heading of *Lighting Fixtures* and select *Apply*.

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_8)

See the 3d Model changing.



_8



Please note that the same Project can host more than a single Family.

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.



Final comments:



All the instruction given here can be applied to all the Ring 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.