



Instruction sheet:

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



NOTES

Moon

What to look for:

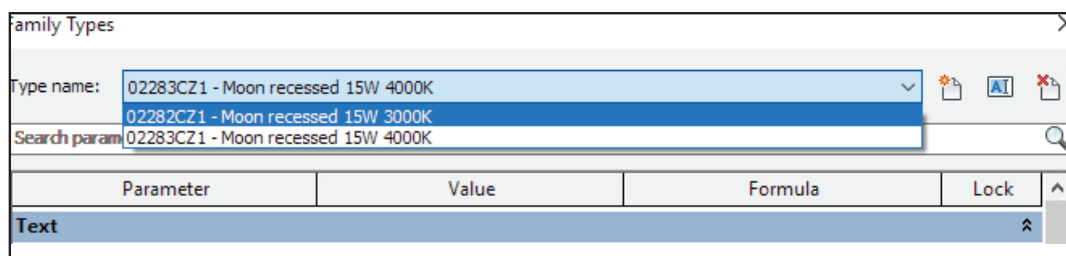
The .rfa file is a "Family" file. It contains a number of 3D models handled by various parameters. In addition to those models you will find all the necessary information to use them.

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.



_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



_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 (a single option)
- ④ Drivers
- ⑤ Recap of all the Lighting parameters.



Please note that Moon 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: 02283CZ1 - Moon recessed 15W 4000K

Search parameters

Parameter	Value	Formula	Lock
Text			
Code	0228.... (code to complete)	=	
Available Color Temperature	3000K (cod. 2C) - 4000K (cod. 3C)	=	
Available Beam	120° (cod. Z)	=	
Available Finishing Colors	White (cod. 1)	=	
Available Driver	Standard Driver included - DALI (c	=	
Setting of lighting parameters	CLICK here for INFO ----->	=	
Materials and Finishes			
Finishing colors	White	=	
Electrical			
Wattage Comments	15W	=	
Lamp	LED	=	
Electrical - Lighting			
Calculate Coefficient of Utilization	<input checked="" type="checkbox"/>	=	
Coefficient of Utilization (default)		=	
Electrical - Loads			
Apparent Load	15.00 VA	=	
Photometrics			
Tilt Angle	90.00°	=	<input checked="" type="checkbox"/>
Initial Color	4000 K	=	
Emit from Circle Diameter	280.0	=	<input type="checkbox"/>
Light Loss Factor	1	=	
Photometric Web File	02283CZ.ies	=	
Color Filter	White	=	
Initial Intensity	15.00 W @ 104.00 lm/W	=	
Emit Shape Visible in Rendering	<input type="checkbox"/>	=	
Dimming Lamp Color Temperature	<None>	=	
Identity Data			
Assembly Code		=	
Type Comments		=	



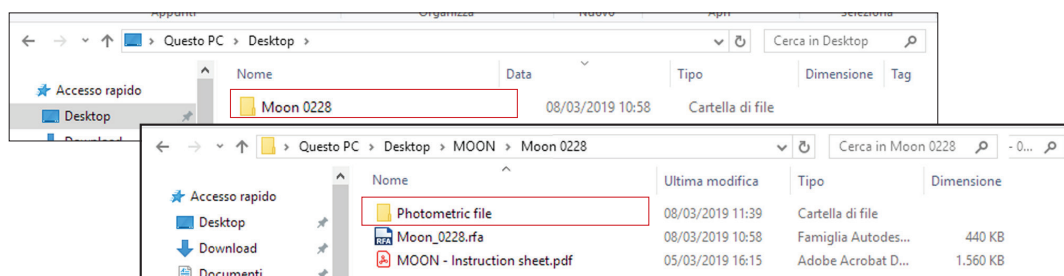
Electric / Photometric info:

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	Moon 0228	=	
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.

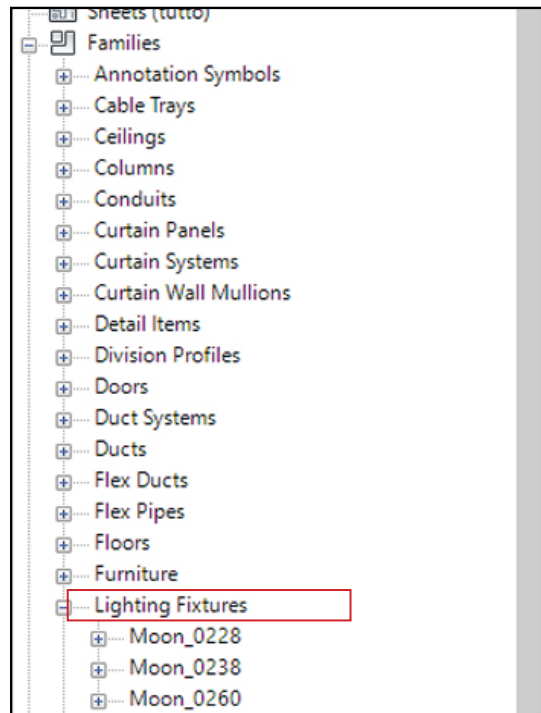
Go to: *Insert* tab. -> *Load from library* -> *Load Family*

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 fixtures* (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.



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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 ceiling/false ceiling. The software will only allow to drop it there.

Moreover you will notice that by placing the object on the ceiling/false ceiling it automatically creates an installing opening of an appropriate size.



3.2 Moving through the types

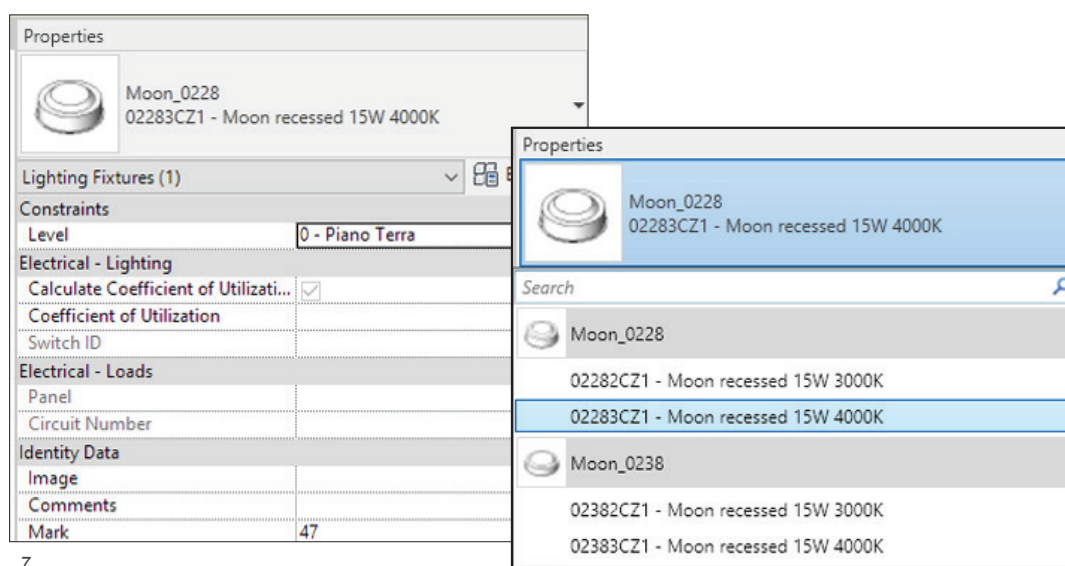
Once you have placed the object you can see the *photometric diagram* in 3D.

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_7)

See the Photometric diagram changing in 3D model.



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 MOON 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.