

Lighting fixture  
**RAFTER** mix system

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Information on photometry



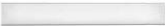
**PHOTOMETRY**– How to choose files for lighting calculations:

Select the correct Idt files based on chosen length, angle and assembly:

1.

Linear lighting section  
(with shutter)

RAFTER LED



LDT files: Available length (cm):

part RAFTER 14 LED.Idt

part RAFTER 28 LED.Idt

part RAFTER 56 LED.Idt

part RAFTER 84 LED.Idt

part RAFTER 112 LED.Idt

part RAFTER 140 LED.Idt

part RAFTER 168 LED.Idt


part RAFTER 196 LED.Idt

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2.

Spot section  
(with lenses)

RAFTER points



LDT files: Available beam angles (37D, 50D):

part RAFTER points LED 37D.Idt


part RAFTER points LED 50D.Idt

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3.

Spotlights

PET mini/PET midi



LDT files: Available beam angles  
(20D, 41D,18D,35D,50D):

part PET mini LED 20D.Idt

part PET mini LED 41D.Idt

part PET midi LED 18D.Idt


part PET midi LED 35D.Idt

part PET midi LED 50D.Idt

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4.

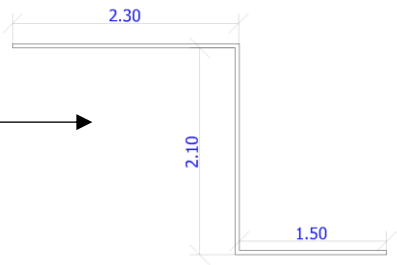
Non-lighting section  
(any length)



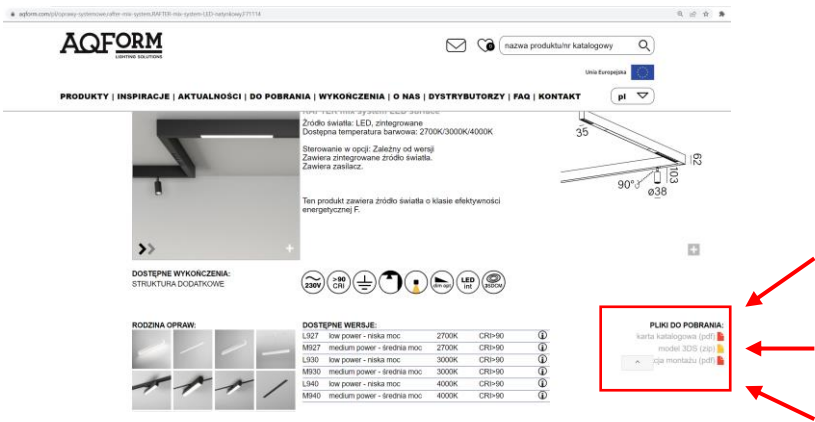
To be included in the technical drawing and Dialux

Selection of photometric data in Dialux

An example of a Surface mounted luminaire RAFTER mix system, dimmable DALI



1. Download the folder with photometric data from the website  
[www.Aqform.com](http://www.Aqform.com)



1. Select from the list of photometric data ltd files corresponding to the selected luminaire :

part RAFTER LED






i/lub

part RAFTER points LED

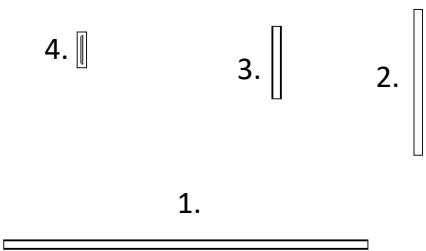
i/lub

part PET mini LED

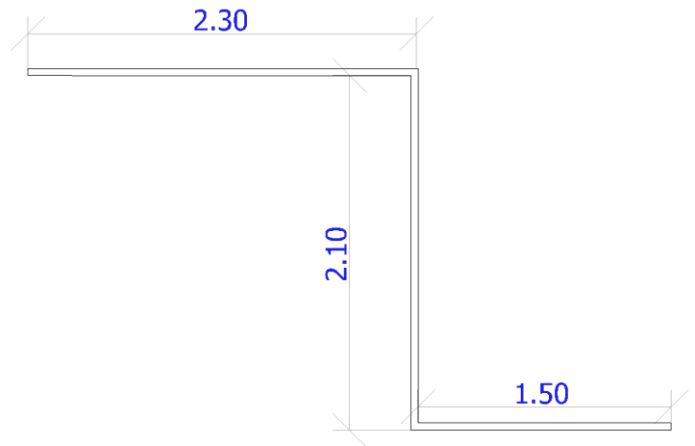
For example:

1.  part RAFTER 140 LED.Idt
2.  part RAFTER 56 LED.Idt
3.  part RAFTER 28 LED.Idt
4.  part RAFTER points LED 37D.Idt
5.  part PET mini LED 20D.Idt

3. Transfer files to Dialux



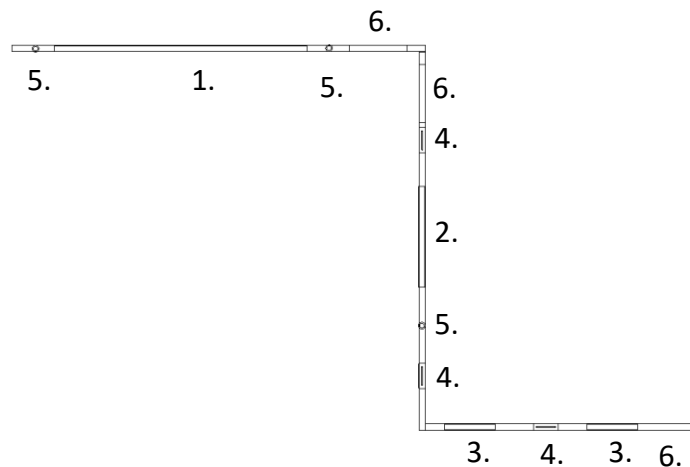
4. Draw the shape of luminaire that you want to have



5. Arrange modules to the shape of luminaire.  
Remember about adding a space for power supplies

For example:

1. part RAFTER 140 LED
2. part RAFTER 56 LED
3. part RAFTER 28 LED
4. part RAFTER points LED 37D
5. part PET mini LED 20D
6. Non-lighting section



5. Remember to change a power and temperature for every section!

