**Why are my lighting gains higher when dimming profile is set to “on continuously” than when it is “off continuously”?**

When the dimming profile for lighting internal gains is “on continuously” it means that the value of 1 is applied to the variation profile constantly resulting in the lights not being dimmed – the variation profile set for the lights is on at all times. When the dimming profile is “off continuously” the value of 0 is applied to the variation profile, which means that the lights are never on – always dimmed.

The graphical views of the dimming profiles can help to understand the logics behind the names “off” and “on” which initially may seem confusing.

A simple example may be a good illustration:

Lights variation profile is set to 9am-5pm profile, meaning the lights are on during the working hours as presented in the graph below:

Then a modulating profile is applied (dimming profile) telling the lights to dim at the brightest time of the day to half its initial value. This is how the dimming profile graph will look like:
The combination of the profiles will result in the following lighting gains output:

For further information on how to create appropriate dimming profiles including formula profiles to control lighting gain as a function of available daylight, please refer to APPro user guide.