

Config Challenge

31/03/2020

Constant Light Control

User Story:

In our offices, as with many offices we have to keep a certain brightness level at desk height for optimal working conditions. This has previously meant the installation of large LED panels that are constantly on and designed to output the correct lux level if there is no other light source.

However for most of the year this isn't true as the sun has a big effect on the light level in the room. I would like it that my lights dimmed automatically to always maintain a good working light level as this will save me a significant amount of money over the course of the year, as well as improving the working conditions of my staff.

Details:

We have a large open plan office area with two motion sensors installed, all of the lighting is DALI as this is what all of our offices are fitted out with.

We need it that a brightness level of 500 lux is maintained in the office for good working light, however we want any changes to lighting levels to be gradual so it isn't jarring to anyone working underneath them.