

ID 33 Report)

Fix environment lighting for testing videos

Increasing the gamma setting for our custom version of Minecraft turned out to be a very simple fix. It was simply a matter of finding the file for the game's options (conveniently labeled options.txt) and increasing the value beyond its default of 2.0. The file was located along the path "minerl/minerl/data/assets/template_minecraft/options.txt" After some testing, the value of 200000.0 was arbitrarily selected. If the value goes beyond the max specifications set within the code of minecraft, the display will just be set to the maximum gamma value, so it doesn't really matter what the value is as long as it is large.

Viewing the results of the change, the underground environments are much more visible than in the previous sprint. Visibility is still decreased due to some environmental darkness, and the low resolution of our training and testing environments, but this is to be expected.