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| --- | --- |
| R | red channel of point light diffuse color |
| G | green channel of point light diffuse color |
| B | blue channel of point light diffuse color |
| Di | point light diffuse intensity |
| Ai | point light ambient intensity |
| C | point light constant attenuation |
| L | point light linear attenuation |
| Q | point light quadratic attenuation |
| m | point light cuttof point (value at which a color is so close to zero its considered insignificant)  this value may be set to as a constant for every point light |
|  |  |
| r | point light’s bounding sphere radius |