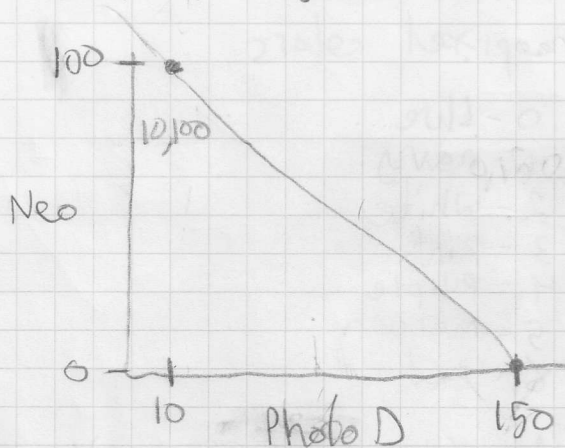


Neopixel brightness



$$y = mx + b$$

$$-\frac{100}{140} = -\frac{5}{7}$$

$$y = -\frac{5}{7}x + b$$

$$100 = -\frac{5}{7}(10) + b$$

$$100 + \frac{50}{7} = b$$

$$\frac{750}{7} = b$$

$$y = -\frac{5}{7}x + \frac{750}{7} = \frac{750}{7} - \frac{5}{7}x$$

$$y = \frac{(750 - 5x)}{7}$$

Hue color = white if temp is 70-80

Hue color = red if temp is > 80

Hue color = blue if temp is < 70

when hue changes, check brightness