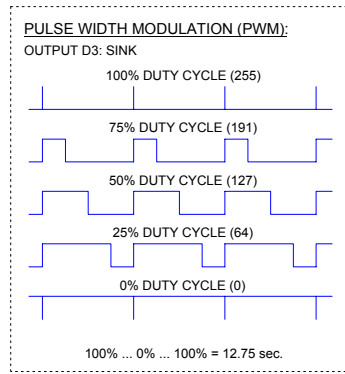
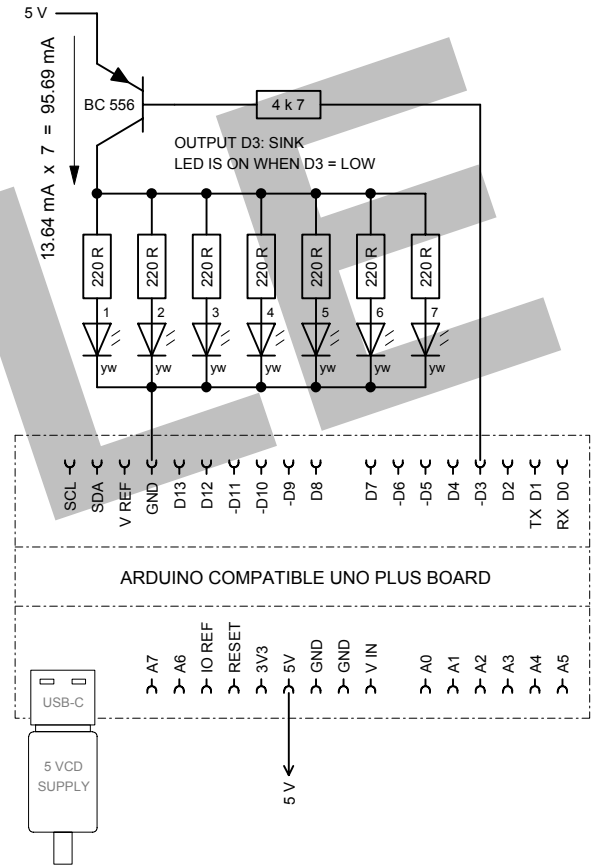


```

void setup () {
  pinMode(3, OUTPUT);
}
void loop () {
  for (int x = 0; x < 255; x++)
  {
    analogWrite (3, x); // led dimm down
    delay (25);
  }
  for (int x = 255; x > 0; x--)
  {
    analogWrite (3, x); // led dimm up
    delay (25);
  }
}
    
```



SCHEMATICS:



FOR FULLY COMPONENT SPECS. SEE MANUFACTURER DATASHEETS

FIGURES ARE APROXMIATELY, DUE TO COMPONENT TOLERANCES !

LED PWM ON / OFF FADER WITH PNP TRANSISTOR BOOSTER, LED ON WHEN OUTPUT = LOW (SINK)

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