

Код программы:

int brightness = 0; // уставливаем начально значение яркости

bool button;

bool lastButton = HIGH;

void setup() {

// put your setup code here, to run once:

pinMode(2, INPUT\_PULLUP);

pinMode(6, OUTPUT);

}

void loop() {

// put your main code here, to run repeatedly:

button = digitalRead(2);

if (button != lastButton) {

delay(20);

lastButton = button;

}

if (button == LOW) {

if (brightness < 255) brightness += 1;

} else {

if (brightness > 0) brightness -= 1;

}

analogWrite(6, brightness);

delay(10);

}