**NOTE: DISCHARGE (PIN 7) MUST BE "DISCONNECTED" (OR 'HIGH')
IN ORDER TO MAINTAIN AN APPROX 50% DUTY CYCLE**

U1

GND	Vcc	VCC
TRIG	DIS	
OUT	THRS	
RST	CV	

NE555

C1
10 E-9

R1
9 860

VCC

C2
112 E-6

OUTPUT_PULSE

PULSE GENERATION

LIGHT OUTPUT

R2
10 000

SWITCH

VCC

Q1
NPN

D1

D

REPEAT FOR OTHER SIDE

R3
100