

# Pretty Lights

Never ending, random light show.

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Step	Label	Addr	Code	Mnem	Comments
1		000	016		Load B
2		001	000		
3		002	105		Get Switches
4	Left	003	046		Load E
5		004	004		
6	A	005	121		Send to Lamps
7		006	041		Dec E
8		007	150		Jump if zero
9		010	030		go right
10		011	001		
11		012	022		Rotate Left
12		013	106		Call Delay
13		014	055		
14		015	001		
15		016	011		Dec B
16		017	110		Jump not zero
17		020	005		"A"
18		021	001		
19		022	310		Copy A to B
20		023	105		Get switches
21		024	211		Add A to B
22		025	104		Jump
23		026	005		"A"
24		027	001		
25	Right	030	046		Load E
26		031	004		
27	B	032	121		Send to Lamps
28		033	041		Dec E
29		034	150		Jump if zero
30		035	003		
31		036	001		
32		037	032		Rotate Right
33		040	106		Call Delay
34		041	055		
35		042	001		
36		043	011		Dec B
37		044	110		Jump if zero
38		045	032		
39		046	001		
40		047	310		Copy A to B
41		050	105		Get switches
42		051	211		Add A to B
43		052	104		Jump
44		053	005		
45		054	001		
46	Delay	055	026		Load C
47		056	007		
48		057	036		Load D
49		060	000		
50		061	031		Dec D
51		062	110		Jump not zero
52		063	061		
53		064	001		
54		065	021		Dec C
55		066	110		Jump not zero
56		067	057		
57		070	001		
58		071	007		Return
59		072			

Sorry for the lack of comments! I wrote this on a napkin at the dinner table in between bytes (Ha.) Never got around to commenting.

I have made changes to it, but offhand, I don't remember what...  
Run it and change it to suit.

This command loads my front panel switches.