Block 1

000000 1	005f00 *3 1	008700 *3 1	00af00 3	00d700 3	00ff00 3	5fff00 3	5fd700 3	5faf00 3	5f8700 *3 6	5f5f00 *1 6	5f0000 *7 1
00005f *1 2	005f5f *1 2	00875f *3 1	00af5f 3	00d75f 3	00ff5f 3	5fff5f *3 6	5fd75f 3	5faf5f 3	5f875f *3 6	5f5f5f *6 0 1	5f005f *7 0 1
000087 *2 1	005f87 *1 2	008787 *3 2	00af87 *3 2	00d787 3	00ff87 3	5fff87 *3 6	5fd787 3	5faf87 *3 2	5f8787 *1 2	5f5f87 *0 2	5f0087 *1 0 2
0000af *2 1	005faf 2	0087af 2	00afaf *3 2	00d7af *3 2	00ffaf *3 2	5fffaf *3 6	5fd7af *3 2	5fafaf *3 2	5f87af *3 2	5f5faf *6 2	5f00af *0 2
0000d7 *2 1	005fd7 2	0087d7 2	00afd7 2	00d7d7 *3 2	00ffd7 *3 2	5fffd7 *6 2	5fd7d7 *3 2	5fafd7 2	5f87d7 2	5f5fd7 *0 2	5f00d7 *1 2
0000ff 2	005fff 2	0087ff 2	00afff 2	00d7ff 2	00ffff *6 2	5fffff *6 2	5fd7ff 2	5fafff 2	5f87ff *0 2	5f5fff *0 2	5f00ff *0 2 1

Block 2

8700ff *0 2	875fff *0 6 2	8787ff *0 6 2	87afff *0 6 2	87d7ff *6 2	87ffff *6 2	afffff *6 2	afd7ff *6 2	afafff *6 2	af87ff *0 6	af5fff *0 6	af00ff *7 1 0
8700d7 *6 2	875fd7 *0 2	8787d7 *6 2	87afd7 *6 2	87d7d7 *6 2	87ffd7 *6 2	afffd7 6	afd7d7 6	afafd7 6	af87d7 *6 7	af5fd7 *7 0	af00d7 *7 0
8700af *7 0 1	875faf *7 0	8787af *0 6 2	87afaf *6 2	87d7af 6	87ffaf 6	afffaf 6	afd7af 6	afafaf 6	af87af *6 7	af5faf 7	af00af 7
870087 *7 0 1	875f87 *7 0 6	878787 *6 0	87af87 *6 0	87d787 *3 6	87ff87 *3 6	afff87 *3 6	afd787 *3 6	afaf87 *6 7	af8787 7	af5f87 7	af0087 *5 7
87005f 7	875f5f *7 0	87875f *3 6	87af5f *3 6	87d75f *3 6	87ff5f 3	afff5f 3	afd75f *3 6	afaf5f *3 7	af875f 7	af5f5f 7	af005f *5 7
870000 7	875f00 7	878700 *3 6	87af00 3	87d700 3	87ff00 3	afff00 3	afd700 3	afaf00 *3 4 7	af8700 *4 7	af5f00 *4 7	af0000 7

Block 3

d70000 5	d75f00 *4 7 5	d78700 *4 7	dfaf00 4	dfdf00 *3 4	dfff00 *3 4	ffff00 *3 4	ffdf00 4	ffaf00 4	ff8700 *4 5	ff5f00 5	ff0000 5
d7005f *5 7	d75f5f *5 7	d7875f *4 7	dfaf5f *4 7	dfdf5f *3 7	dfff5f *3 7	ffff5f *3 4 7	ffdf5f *4 7	ffaf5f *4 7	ff875f *4 7	ff5f5f *5 7	ff005f *5 7
d70087 *5 7	d75f87 *5 7	d78787 *6 7	dfaf87 *6 7	dfdf87 *6 3	dfff87 *6 3	ffff87 *6 3	ffdf87 *6 7	ffaf87 7	ff8787 7	ff5f87 *5 7	ff0087 *5 7
d700af *5 7	d75faf *5 7	d787af *6 7	dfafaf *6 7	dfdfaf 6	dfffaf 6	ffffaf 6	ffdfaf 6	ffafaf *6 7	ff87af *6 7	ff5faf *5 7	ff00af *5 7
d700d7 7	d75fd7 7	d787d7 *6 7	dfafdf *6 7	dfdfdf 6	dfffdf 6	ffffdf 6	ffdfdf 6	ffafdf *6 7	ff87df *6 7	ff5fdf 7	ff00df 7
d700ff 7	d75fff 7	d787ff *6 7	dfafff *6 7	dfdfff 6	dfffff 6	ffffff 6	ffdfff 6	ffafff *6 7	ff87ff *6 7	ff5fff 7	ff00ff 7

Grays

080808 *0 1	121212 *0 1	1c1c1c *0 1	262626 *0 1	303030 *0 1	3a3a3a *0 1	444444 *0 1	4e4e4e *0 1	585858 *0 6	626262 *0 6	6c6c6c *0 6	767676 *0 6
eeeeee 6	e4e4e4 6	dadada 6	d0d0d0 6	c6c6c6 6	bcbcbc 6	b2b2b2 6	a8a8a8 6	9e9e9e *0 6	949494 *0 6	8a8a8a *0 6	808080 *0 6

Primary colors

000000 1	800000 7	008000 3	808000 *3 7 6	000080 *1 2	800080 *0 1 7	008080 *2 3	c0c0c0 6
808080 6	ff0000 5	00ff00 3	ffff00 4	0000ff 2	ff00ff 7	00ffff 2	ffffff 6

Result is number from Lego sensor test.

* indicates varying result depending on angle.

Covert from Lego to LeJos result

Lego	leJos
0	-1
1	7
2	2
3	1
4	3
5	0
6	6
7	13