

125	124	123
124	123	121
122	120	123

Difference

2	1	0
1		-2
-1	-3	0

Sign

1	1	1
1		0
0	0	1

Weight

1	2	4
8		16
32	64	128

1	2	4
8		0
0	0	128

$$\text{LBP} = 1 + 2 + 4 + 8 + 128 = 143$$