			000	001	010	011	100	101	110	111
Name	Lights	Time	$I_n=0$	$I_n=1$	$I_n=2$	$I_n=3$	$I_n=4$	$I_n=5$	$I_n=6$	$I_n=7$
goN	100001|00	300	goN	waitN	goN	waitN	waitN	waitN	waitN	waitN
waitN	100101|00	50	goE	goE	goE	goE	walk	walk	walk	walk
goE	001001|00	300	goE	goE	waitE	waitE	waitE	waitE	waitE	waitE
waitE	010100|00	50	goN	goN	goN	goN	walk	walk	walk	walk
Walk	100100|11	150	waitW	waitW	waitW	waitW	waitW	waitW	waitW	waitW
wait_walk	100100|10	50	goN	goE	goN	goN	goN	goE	goN	goN

Start State →

FSM: