

protocol_29

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Protocol_29.m - Screen protocol 3 - with intervals between CW and CCW - updated 13th March 2025 Includes: - off background interval - pattern 47 - 60 deg gratings - 2 speeds - thin non50:50 bars - 2 speeds - curtains - fast - on / off - 32px not 16 px - reverse phi - 2 speeds - flicker - 1 speed - stationary grating pattern - 60 deg - stationary bar - on - phototaxis - 32px - shifted centre of rotation - 60 deg - 0.8 20s interval 30s trial duration - 2x trials stationary bars = 60s only one position

1 Protocol Parameters

Parameter	Value
Conditions	12

Parameter	Value
Patterns Used	12
t_acclim_start	30s
t_acclim_end	30s
t_interval	15s
t_flash	5s
t_pause	0.01

2 Conditions

#	Pattern	Speed	Duration	Description
2	Pattern 9	127	15s	60 deg gratings - 4Hz - 1 px step pattern
2	Pattern 27	127	15s	60 deg gratings - 8Hz - 2px step pattern
2	Pattern 17	127	15s	2:14 ON bars - 4Hz
2	Pattern 24	127	15s	2:14 OFF bars - 4Hz
2	Pattern 51	127	15s	ON curtains - 8Hz - 32 px
2	Pattern 52	127	15s	OFF curtains - 8Hz - 32 px
2	Pattern 32	16	15s	Reverse Phi - 4px step - 4Hz
2	Pattern 32	32	15s	Reverse Phi - 4px step - 8Hz
1	Pattern 10	8	15s	Flicker - 4Hz
1	Pattern 10	0	15s	static grating - 60deg
2	Pattern 21	127	15s	shifted centre of rotation - 60deg - 0.8
12	Pattern 57	47	-s	bar fixation - 32px ON - single bar

3 Pattern Previews

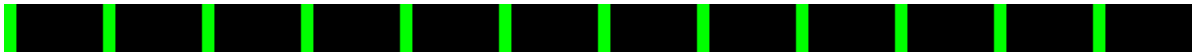
3.0.1 [Pattern 9](#)



3.0.2 Pattern 10



3.0.3 Pattern 17



3.0.4 Pattern 21



3.0.5 Pattern 24



3.0.6 Pattern 27



3.0.7 Pattern 32



3.0.8 Pattern 47



3.0.9 Pattern 51



3.0.10 **Pattern 52**



3.0.11 **Pattern 57**

