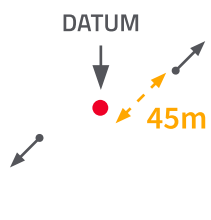
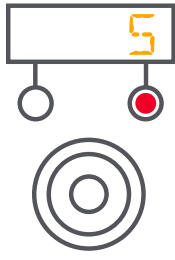
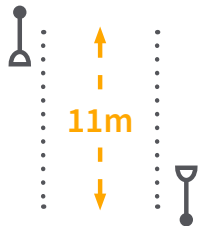

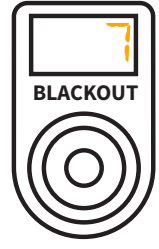



Setting Timings

Evo1 Guidance



These timings act as a guide when configuring Evo1 Traffic Signals for multiphase operation. If in doubt, please contact Traffic Group Signals to request product training.

Vehicle Clearance (All schemes use datum timing)		TSM Chapter 6 Pedestrian Timings (TfL SQA-0645 timings noted in brackets)			
Datum Distance (m)	Red Time (Secs)	Ped Crossing width (m)	Invitation Time	Blackout Time	Clearance Time
					
≤10	1	Up to 7.2	6	3 (3)	3 (3)
11-20	2	7.2 - 8.4	6	4 (4)	3 (3)
21-30	3	8.4 - 9.6	6	5 (4)	3 (4)
31-40	4	9.6 - 10.8	6	6 (5)	3 (4)
41-50	5	10.8 - 12.0	6	7 (5)	3 (5)
51-60	6	12.0 - 13.2	7	8 (6)	3 (5)
61-70	7	13.2 - 14.4	7	9 (6)	3 (6)
71-80	8	14.4 - 15.6	8	10 (7)	3 (6)
81-90	9	15.6 - 16.8	8	11 (7)	3 (7)
91-100	10	16.8 - 18.0	9	12 (8)	3 (7)
101-110	11	18.0 - 19.2	9	13 (8)	3 (8)
111-120	12	19.2 - 20.4	10	14 (9)	3 (8)
121-130	13	20.4 - 21.6	10	15 (9)	3 (9)
131-140	14	21.6 - 22.8	11	16**(10)	3**(9)
141-150	15	22.8 - 24.0	11	17**(10)	3**(10)

**For these values seek guidance from the local Highways Authority

We recommend using the following green time settings for optimum Smart VA operation.

Highest Datum All-Red (secs) for any phase	1-3	4-6	7-9	10+
3-Phase total recommended green time	130	120	110	100
4-phase total recommended green time	120	110	100	100

3-Phase Example:

If highest Datum All-Red clearance value is 7, then divide 110 green time between each phase, with less green time given to quieter roads.

For more information:

Call: 0345 460 9999 or email: info@trafficgroupsignals.com