



Performance



Lap	Control	Walero
Lap 1 (Out lap)*	01:35.831	01:33.370
Lap 2 (Out lap)*	01:35.605	01:32.679
Lap 3 (Out lap)*	01:34.438	01:34.644
Lap 4	01:34.083	01:32.664
Lap 5	01:33.887	01:32.294
Lap 6	01:33.243	01:32.254
Lap 7	01:32.996	01:32.773
Lap 8	01:32.896	01:31.887
Lap 9	01:32.596	01:34.302
Lap 10	01:32.260	01:32.252
Lap 11	01:32.355	01:32.329
Lap 12	01:32.672	01:31.796
Lap 13	01:32.689	01:34.449
Lap 14	01:34.856	01:32.434
Lap 15	01:32.059	01:31.724
Lap 16	01:32.237	01:32.256
Lap 17	01:32.068	01:31.966
Lap 18	01:31.941	01:31.797
Lap 19	01:32.285	01:34.581
Lap 20	01:31.875	01:31.813
Lap 21	01:33.361	01:31.621
Lap 22	01:31.896	01:31.593
Lap 23	01:31.773	01:32.155
Lap 24	01:31.674	01:34.596
Lap 25	01:32.061	01:31.732
Lap 26	01:31.863	01:31.864
Lap 27	01:31.791	01:31.845
Lap 28	01:31.438	01:31.687
Lap 29	01:31.382	01:31.158
Lap 30	01:31.604	01:31.632
Lap 31	01:31.618	01:31.363
Total Time Elapsed	47:53.333	47:45.510

Heart Rate

)	Heart Rate (bpm)	Control	Walero
	Average Rate	108bpm	100bpm

Perspiration

À	Weight (kg)	Control	Walero
$\overline{\langle}$	Start	81.1	81.2
9	Finish	80.6	80.9
		0.5	0.3

Core Temperature

Time (mins)	Control	Walero
Start Temp	36.9	36.9
5 min	37.4	36.9
10 min	37.6	36.9
15 Min	37.6	37.1
20 min	37.9	37.1
25 Min	38.1	37.2
30 Min	38.2	37.3
35 Min	38.3	37.3
40 Min	38.3	37.3
45 Min	38.3	37.3
50 Min	38.3	37.3
55 Min	38.4	37.5
60 Min	38.4	37.5



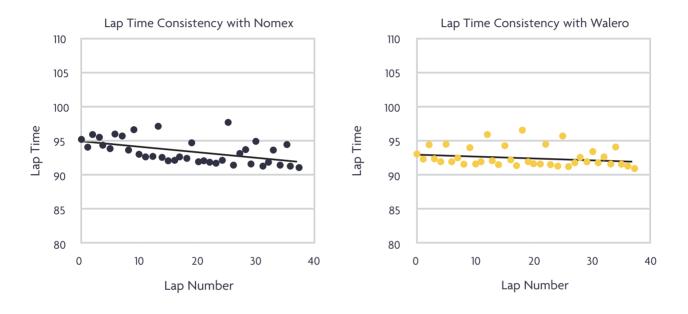
01:32.409 01:32.307 0.102

Average Lap

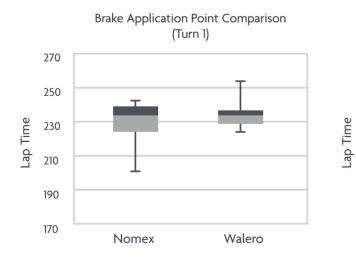


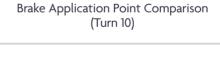


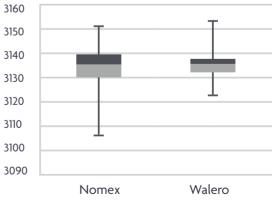
Lap Time Consistency



Brake Application









This study was conducted independently, in a controlled environment at 32°c, by Dean Fouachea ASCC PgD at Cranfield simulations, 13-14 March 2019.

