



**CIRCUIT DATA**

**Length: 5,303 m**  
**Number of laps: 58**  
**Type of circuit: Hard**  
**Number of brakings: 9**  
**Time spent under braking per lap: 15%**

**ALBERT PARK (MELBOURNE)**

Melbourne is an urban track that winds its way through the Albert Park streets. It is a fast track and quite demanding for the brakes. The 9 braking zones on the track are all medium-high level difficulty for the braking systems and are characterised by variable decelerations. Because it is a non-permanent track, during the race weekend it is gradually rubberised, which causes an increase in deceleration and brake stress in terms of wear and temperature.

**\* Turn 01 is considered the most demanding for the braking system.**

**01\***

Initial speed	304	(Km/h)
Final speed	135	(Km/h)
Stopping distance	92	(m)
Braking time	1.75	(sec)
Maximum deceleration	5.78	(g)
Maximum pedal load	148	(Kg)
Braking power	3004	(Kw)

**05**

Initial speed	156	(Km/h)
Final speed	141	(Km/h)
Stopping distance	21	(m)
Braking time	0.51	(sec)
Maximum deceleration	1.07	(g)
Maximum pedal load	15	(Kg)
Braking power	166	(Kw)

**09**

Initial speed	281	(Km/h)
Final speed	107	(Km/h)
Stopping distance	88	(m)
Braking time	1.92	(sec)
Maximum deceleration	5.23	(g)
Maximum pedal load	135	(Kg)
Braking power	2620	(Kw)

**13**

Initial speed	289	(Km/h)
Final speed	120	(Km/h)
Stopping distance	91	(m)
Braking time	1.88	(sec)
Maximum deceleration	5.43	(g)
Maximum pedal load	161	(Kg)
Braking power	2780	(Kw)

**15**

Initial speed	229	(Km/h)
Final speed	78	(Km/h)
Stopping distance	75	(m)
Braking time	2.03	(sec)
Maximum deceleration	3.90	(g)
Maximum pedal load	100	(Kg)
Braking power	1566	(Kw)

**03**

Initial speed	295	(Km/h)
Final speed	85	(Km/h)
Stopping distance	101	(m)
Braking time	2.34	(sec)
Maximum deceleration	5.58	(g)
Maximum pedal load	143	(Kg)
Braking power	2883	(Kw)

**06**

Initial speed	275	(Km/h)
Final speed	126	(Km/h)
Stopping distance	80	(m)
Braking time	1.63	(sec)
Maximum deceleration	5.09	(g)
Maximum pedal load	131	(Kg)
Braking power	2462	(Kw)

**11**

Initial speed	288	(Km/h)
Final speed	201	(Km/h)
Stopping distance	55	(m)
Braking time	0.85	(sec)
Maximum deceleration	5.31	(g)
Maximum pedal load	135	(Kg)
Braking power	2714	(Kw)

**14**

Initial speed	228	(Km/h)
Final speed	182	(Km/h)
Stopping distance	45	(m)
Braking time	0.81	(sec)
Maximum deceleration	2.53	(g)
Maximum pedal load	55	(Kg)
Braking power	1258	(Kw)