

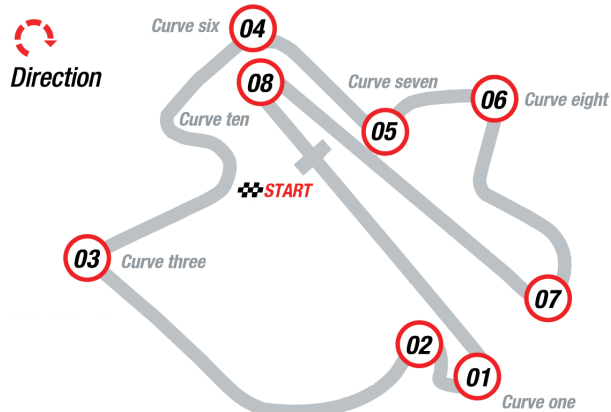


Circuits Identity Card *Formula 1*

**Malaysia** | Kuala Lumpur

05/04/2009

**2009**



International Circuit



- Length: **5.543 m**
- Number of laps: **56**
- Type of circuit: **Medium**
- Number of brakings: **8**
- Pole 2008: **F. Massa - Ferrari 1'35"748**
- Time spent under braking per lap: **16%**
- Expected time spent under brake on 2009: **15%**

The circuit is green on Friday. The track tends to rubberize considerably during the race, which increases grip. As a result wear and temperature of brake disc increases. It is common practice to use UL and HD callipers. It is generally difficult to obtain the correct temperature balance between the long straight sections and the guided part.

**01**

	SEASON DATA 2008	FORECAST DATA 2009	
Initial speed	303	299	[Km/h]
Final speed	89	106	[Km/h]
Stopping distance	141	116	[m]
Braking time	3,0	2,33	[sec]
Maximum deceleration	4,2	4,75	[g]
Maximum pedal load	126	123	[Kg]

**02**

Initial speed	123	124	[Km/h]
Final speed	72	82	[Km/h]
Stopping distance	33	29	[m]
Braking time	1,2	1,06	[sec]
Maximum deceleration	1,5	1,64	[g]
Maximum pedal load	46	38	[Kg]

**03**

Initial speed	291	288	[Km/h]
Final speed	113	115	[Km/h]
Stopping distance	106	105	[m]
Braking time	2,1	2,08	[sec]
Maximum deceleration	4,6	4,44	[g]
Maximum pedal load	132	115	[Kg]

**04**

Initial speed	285	276	[Km/h]
Final speed	176	204	[Km/h]
Stopping distance	107	49	[m]
Braking time	1,8	0,76	[sec]
Maximum deceleration	3,5	4,15	[g]
Maximum pedal load	105	107	[Kg]

**05**

Initial speed	287	279	[Km/h]
Final speed	75	79	[Km/h]
Stopping distance	114	119	[m]
Braking time	2,7	2,76	[sec]
Maximum deceleration	4,2	4,23	[g]
Maximum pedal load	131	110	[Kg]

**06**

Initial speed	231	233	[Km/h]
Final speed	152	157	[Km/h]
Stopping distance	76	52	[m]
Braking time	1,4	1,00	[sec]
Maximum deceleration	2,5	3,22	[g]
Maximum pedal load	65	80	[Kg]

**07**

Initial speed	273	253	[Km/h]
Final speed	123	127	[Km/h]
Stopping distance	124	109	[m]
Braking time	2,5	2,16	[sec]
Maximum deceleration	3,2	3,49	[g]
Maximum pedal load	93	87	[Kg]

**08**

Initial speed	304	298	[Km/h]
Final speed	90	97	[Km/h]
Stopping distance	131	121	[m]
Braking time	2,8	2,53	[sec]
Maximum deceleration	4,5	4,70	[g]
Maximum pedal load	136	121	[Kg]