

Event: Cooper Tires Indy Lights GP of Portland
Track: Portland International Raceway
Report: Section Data Report
Session: Practice 1

Round 15 / 16
1.964 mile(s)
Indy Lights
August 30, 2019



Section Data for Car 2 - Sowery, Toby (R)

Lap	T/S	I9 to I10	I10 to I11	I11 to SF	SF to I1	I1 to I2A	I2A to I2	I2 to I3	I3 to I4	I4 to I5	I5 to I6	I6 to I7	I7 to I8	I8 to I9	Lap	PI to PO
1	T	9.4362	10.6244				3.8277	6.9244	5.8285	6.0916	9.9158	5.3600	3.9700	7.8548	203.4759	124.5232
	S	75.218	60.068				46.669	90.096	76.388	69.171	63.948	68.945	122.796	127.600	34.748	7.540
2	T	8.4465	7.9585	5.8435	2.0831	7.1999	3.3843	6.1317	5.2031	5.3474	8.5051	5.1155	3.9342	8.8380	77.9908	
	S	84.032	80.189	136.282	112.267	73.581	52.784	101.744	85.570	78.798	74.554	72.240	123.913	113.405	90.657	
3	T	6.9501	7.5537	6.7044	2.3885	6.0095	3.2116	5.9197	5.0124	5.0759	8.1474	5.0036	3.9122	9.2187	75.1077	
	S	102.124	84.486	118.782	97.912	88.156	55.622	105.388	88.825	83.013	77.827	73.856	124.610	108.722	94.137	
4	T	6.6500	7.4066	7.5966	1.7388	6.4140	3.6480	7.6100	5.6942	5.2913	8.4045	5.0045	4.3641	11.4143	81.2369	
	S	106.733	86.164	104.832	134.497	82.596	48.968	81.979	78.190	79.633	75.447	73.843	111.707	87.809	87.034	
5	T	6.2423	7.2580	5.7454	1.5370	5.1427	3.1646	5.8495	4.6746	4.8431	7.8747	4.7882	3.8942	6.6659	67.6802	
	S	113.704	87.928	138.609	152.156	103.015	56.448	106.652	95.244	87.003	80.523	77.178	125.186	150.358	104.468	
6	T	5.7056	6.9974	6.2678	1.6599	5.4613	3.1267	5.7506	4.5218	4.7381	7.8782	4.6894	3.8685	6.6310	67.2963	
	S	124.399	91.203	127.056	140.890	97.005	57.133	108.487	98.462	88.931	80.487	78.804	126.018	151.150	105.064	
7	T	5.6739	6.9933	5.6629	1.5146	5.0605	3.0488	5.7602	4.5600	4.7200	7.6470	4.6811	3.8751	6.6653	65.8627	
	S	125.094	91.256	140.628	154.406	104.688	58.592	108.306	97.638	89.272	82.920	78.944	125.803	150.372	107.351	
8	T	5.4859	6.8947	5.6745	1.5143	4.9465	3.0460	5.7576	4.5533	4.7068	7.6848	4.7601	3.8877	6.6320	65.5442	
	S	129.381	92.561	140.341	154.437	107.101	58.646	108.355	97.781	89.522	82.512	77.634	125.395	151.127	107.872	
9	T	5.4427	6.9491	5.6715	1.5119	4.8801	3.1388	5.7212	4.4971	4.6916	7.6388	4.7148	3.8700	6.6452	65.3728	
	S	130.408	91.837	140.415	154.682	108.558	56.912	109.044	99.003	89.812	83.009	78.380	125.969	150.827	108.155	
10	T	5.4705	6.9117	5.6544	1.5086	5.0587	3.0110	5.6509	4.4066	4.6806	7.6348	4.7263	3.8782	6.6421	65.2344	
	S	129.745	92.334	140.840	155.020	104.725	59.328	110.401	101.036	90.023	83.053	78.189	125.703	150.897	108.385	
11	T	5.3677	6.8923	5.6571	1.5111	5.0307	2.9887	5.6164	4.4830	4.6499	7.6075	4.7180	3.8599	6.6199	65.0022	
	S	132.230	92.593	140.772	154.764	105.308	59.771	111.079	99.315	90.618	83.351	78.327	126.299	151.403	108.772	
12	T	5.2737	6.8060	5.6489	1.5096	4.8102	3.0530	5.6749	4.4649	4.6779	7.5735	4.6794	3.8498	6.6177	64.6395	
	S	134.587	93.768	140.977	154.918	110.135	58.512	109.934	99.717	90.075	83.725	78.973	126.630	151.453	109.382	
13	T	5.3025	6.8135	5.6654	1.5143	5.0440	2.9871	5.6599	4.3856	4.6361	7.6172	4.6938	3.8398	6.6221	64.7813	
	S	133.856	93.664	140.566	154.437	105.030	59.803	110.225	101.520	90.888	83.245	78.731	126.960	151.353	109.143	
14	T	5.2859	6.8455	5.6527	1.5128	5.0618	3.0076	5.6116	4.4146	4.6372	7.5852	4.6809	3.8510	6.6328	64.7796	
	S	134.277	93.226	140.882	154.590	104.661	59.395	111.174	100.853	90.866	83.596	78.948	126.590	151.109	109.145	
15	T	5.3009	6.8214	5.6585	1.5116	4.9594	3.0177	5.6252	4.4106	4.6829	7.5516	4.7098	3.8503	6.6453	64.7452	
	S	133.897	93.556	140.738	154.713	106.822	59.196	110.905	100.945	89.979	83.968	78.463	126.614	150.824	109.203	
16	T	5.2616	6.7879	5.6809	1.5203	4.9881	2.9913	5.6409	4.3716	4.6857	7.4885	4.6826	3.8566	6.6526	64.6086	
	S	134.897	94.018	140.183	153.827	106.207	59.719	110.596	101.845	89.925	84.675	78.919	126.407	150.659	109.434	
17	T	5.2768	8.2165				3.2589	5.9570	4.8033	4.8438	7.8217	4.7842	3.9014	6.6771	397.6940	333.6137
	S	134.508	77.671				54.815	104.728	92.692	86.990	81.068	77.243	124.955	150.106	17.778	2.814
18	T	5.3553	6.8767	5.6810	1.5242	4.9539	3.0354	5.7432	4.4179	4.6752	7.5794	4.7323	3.8681	6.6513	65.0939	
	S	132.537	92.803	140.180	153.434	106.941	58.851	108.626	100.778	90.127	83.660	78.090	126.031	150.688	108.618	
19	T	5.2954	6.8272	5.6789	1.5230	4.9993	2.9892	5.6031	4.4213	4.6654	7.6506	4.7153	3.8715	6.6713	64.9115	
	S	134.036	93.476	140.232	153.555	105.969	59.761	111.343	100.701	90.317	82.881	78.372	125.920	150.236	108.924	

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Round 15 / 16

1.964 mile(s)

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Section Data for Car 2 - Sowery, Toby (R)

Lap	T/SPO to SF	SF to PI
1	T	81.1139
	S	85.301
2	T	
	S	
3	T	
	S	
4	T	
	S	
5	T	
	S	
6	T	
	S	
7	T	
	S	
8	T	
	S	
9	T	
	S	
10	T	
	S	
11	T	
	S	
12	T	
	S	
13	T	
	S	
14	T	
	S	
15	T	
	S	
16	T	60.3923
	S	103.889
17	T	68.4792
	S	101.039
18	T	
	S	
19	T	60.5901
	S	103.550

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Lap	T/S	I9 to I10	I10 to I11	I11 to SF	SF to I1	I1 to I2A	I2A to I2	I2 to I3	I3 to I4	I4 to I5	I5 to I6	I6 to I7	I7 to I8	I8 to I9	Lap	PI to PO
20	T	5.2770	8.1777				4.1630	7.2676	5.8251	5.7947	9.3208	5.5670	4.0857	9.2173	219.6661	145.0920
	S	134.503	78.039				42.910	85.842	76.433	72.715	68.030	66.381	119.319	108.738	32.187	6.471
21	T	6.7633	7.7402	5.8242	1.5451	5.9115	3.2855	6.0831	5.0421	5.0449	8.2921	6.2900	4.2739	6.7738	72.8697	
	S	104.945	82.450	136.734	151.358	89.617	54.371	102.557	88.302	83.523	76.469	58.751	114.064	147.963	97.028	
22	T	5.8455	7.3047	5.7988	1.5405	5.3325	3.1572	5.8789	4.6423	4.7764	7.8623	4.8124	3.8638	6.6642	67.4795	
	S	121.422	87.366	137.332	151.810	99.348	56.581	106.119	95.907	88.218	80.650	76.790	126.171	150.397	104.778	
23	T	5.3927	6.9135	5.6715	1.5136	5.1151	3.0777	5.6643	4.4380	4.7058	7.6586	4.6573	3.8461	6.6299	65.2841	
	S	131.617	92.310	140.415	154.508	103.570	58.042	110.140	100.322	89.541	82.795	79.348	126.752	151.175	108.302	
24	T	5.2614	6.8443	5.6817	1.5147	5.0878	3.0414	5.6058	4.3910	4.6551	7.5306	4.6850	3.8320	6.6091	64.7399	
	S	134.902	93.243	140.163	154.396	104.126	58.735	111.289	101.395	90.517	84.202	78.878	127.218	151.650	109.212	
25	T	5.2279	6.8138	5.6574	1.5118	5.0883	2.9886	5.5854	4.3311	4.6561	7.5043	4.6468	3.8358	6.5997	64.4470	
	S	135.766	93.660	140.765	154.692	104.116	59.773	111.695	102.798	90.497	84.497	79.527	127.092	151.866	109.709	
26	T	5.1571	6.7528	5.6405	1.5115	5.0202	3.0154	5.5890	4.2749	4.4920	7.6562	4.6567	3.8329	6.6000	64.1992	
	S	137.630	94.506	141.187	154.723	105.528	59.241	111.623	104.149	93.803	82.821	79.358	127.188	151.860	110.132	
27	T	5.1783	9.0734													
	S	137.067	70.335													

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Lap	T/SPO to SF	SF to PI
20	T	81.4217
	S	84.978
21	T	
	S	
22	T	
	S	
23	T	
	S	
24	T	
	S	
25	T	
	S	
26	T	60.9266
	S	102.978
27	T	
	S	

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Section Data for Car 21 - VeeKay, Rinus (R)

Lap	T/S	I9 to I10	I10 to I11	I11 to SF	SF to I1	I1 to I2A	I2A to I2	I2 to I3	I3 to I4	I4 to I5	I5 to I6	I6 to I7	I7 to I8	I8 to I9	Lap	PI to PO
1	T	7.8918	8.6649	6.0093	1.5631	6.1042	3.7373	6.5482	5.1398	5.3490	8.7454	5.2464	3.9436	6.6938	75.6368	
	S	89.938	73.651	132.522	149.615	86.788	47.798	95.273	86.623	78.774	72.506	70.438	123.618	149.732	93.478	
2	T	6.0775	7.7046	5.7954	1.5306	5.5174	3.5381	6.1062	4.7464	4.9950	8.2646	4.9458	3.8570	6.5991	69.6777	
	S	116.787	82.831	137.413	152.792	96.019	50.489	102.169	93.803	84.357	76.724	74.719	126.394	151.880	101.473	
3	T	5.6207	7.2232	5.7041	1.5160	5.2547	3.2322	5.7951	4.4890	4.8218	8.0093	4.7911	3.8313	6.5270	66.8155	
	S	126.278	88.352	139.612	154.264	100.819	55.268	107.654	99.182	87.387	79.169	77.132	127.241	153.558	105.820	
4	T	5.6656	7.2465	5.6145	1.5114	5.0880	3.7807	5.8475	4.4944	4.8171	7.7314	4.7775	3.8321	6.5639	66.9706	
	S	125.278	88.068	141.841	154.733	104.122	47.250	106.689	99.063	87.472	82.015	77.351	127.215	152.695	105.575	
5	T	5.3964	6.9630	5.6499	1.5047	5.2555	3.1655	5.7085	4.6338	4.8712	7.9139	4.7509	3.7963	6.4900	66.0996	
	S	131.527	91.653	140.952	155.422	100.803	56.432	109.287	96.083	86.501	80.124	77.784	128.415	154.433	106.966	
6	T	6.1299	7.0901	5.5993	1.4832	5.0902	3.1236	5.6687	4.3831	4.6814	7.6688	4.7337	3.8266	6.6055	66.0841	
	S	115.789	90.010	142.226	157.675	104.077	57.189	110.054	101.578	90.008	82.685	78.067	127.398	151.733	106.991	
7	T	5.2883	6.8612	5.6678	1.5174	5.1024	3.0890	5.6567	4.2892	4.6659	7.6734	4.7321	3.8533	6.6041	65.0008	
	S	134.216	93.013	140.507	154.121	103.828	57.830	110.288	103.802	90.307	82.635	78.093	126.515	151.765	108.774	
8	T	5.2820	6.9086	5.6780	1.5190	4.9913	3.0590	5.6488	4.3314	4.6807	7.6645	4.7460	3.8252	6.5862	64.9207	
	S	134.376	92.375	140.254	153.959	106.139	58.397	110.442	102.791	90.022	82.731	77.865	127.444	152.178	108.908	
9	T	5.1991	6.8139	5.6698	1.5175	4.8503	3.1418	5.6190	4.3819	4.6947	7.6050	4.7244	3.8628	6.6165	64.6967	
	S	136.518	93.659	140.457	154.111	109.225	56.858	111.028	101.606	89.753	83.378	78.221	126.204	151.481	109.285	
10	T	5.2076	6.8735	5.6522	1.5108				4.5453	4.7735	7.7531	4.8026	3.8511	6.5741	70.3250	
	S	136.296	92.847	140.894	154.795				97.953	88.271	81.785	76.947	126.587	152.458	100.539	
11	T	5.1600	6.9294	5.6519	1.5044	5.0671	3.4190	5.6460	4.3685	4.6807	7.6570	4.7539	3.8597	6.5663	65.2639	
	S	137.553	92.098	140.902	155.453	104.551	52.248	110.497	101.918	90.022	82.812	77.735	126.305	152.639	108.336	
12	T	5.1669	6.8360	5.6579	1.5102	5.0391	3.0379	5.6245	4.3701	4.6554	7.6575	4.6875	3.8374	6.6007	64.6811	
	S	137.369	93.356	140.753	154.856	105.132	58.803	110.919	101.880	90.511	82.807	78.836	127.039	151.843	109.312	
13	T	5.1314	6.8334	5.6629	1.5104	4.9211	3.0681	5.6306	4.3485	4.6261	7.6223	4.7879	3.8649	6.5932	64.6008	
	S	138.320	93.392	140.628	154.836	107.653	58.224	110.799	102.386	91.084	83.189	77.183	126.135	152.016	109.448	
14	T	5.2506	8.3184				3.4445	5.8749	4.5060	4.8075	7.8479	4.8850	3.8848	6.6424	362.3071	298.3100
	S	135.179	76.719				51.861	106.191	98.808	87.647	80.798	75.649	125.489	150.890	19.515	3.147
15	T	5.2426	6.8667	5.6879	1.5178	5.0161	3.0840	5.6245	4.3119	4.6513	7.7042	4.7455	3.8524	6.6012	64.9061	
	S	135.386	92.939	140.010	154.081	105.614	57.924	110.919	103.255	90.591	82.305	77.873	126.544	151.832	108.933	
16	T	5.1169	6.8023	5.6494	1.5111	4.8894	3.0710	5.6016	4.3482	4.6520	7.6763	4.7372	3.8321	6.5816	64.4691	
	S	138.711	93.819	140.964	154.764	108.351	58.169	111.372	102.393	90.577	82.604	78.009	127.215	152.284	109.671	
17	T	5.1183	6.8023	5.6386	1.5077	4.9462	3.0988	5.6074	4.3419	4.6740	7.6286	4.7572	3.8367	6.5859	64.5436	
	S	138.674	93.819	141.234	155.113	107.107	57.647	111.257	102.542	90.151	83.120	77.681	127.062	152.185	109.545	
18	T	5.1177	6.7308	5.6267	1.5062	4.9085	3.0573	5.6277	4.3351	4.6646	7.5935	4.7276	3.8351	6.5824	64.3132	
	S	138.690	94.815	141.533	155.267	107.930	58.429	110.856	102.703	90.332	83.504	78.168	127.115	152.266	109.937	
19	T	5.0939	6.7715	5.6355	1.5085	4.8886	3.0204	5.6150	4.3384	4.6215	7.6084	4.7099	3.8222	6.5539	64.1877	
	S	139.338	94.245	141.312	155.031	108.369	59.143	111.107	102.625	91.175	83.341	78.461	127.544	152.928	110.152	

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Section Data for Car 21 - VeeKay, Rinus (R)

Lap	T/SPO to SF	SF to PI
1	T 94.9076	
	S 72.903	
2	T	
	S	
3	T	
	S	
4	T	
	S	
5	T	
	S	
6	T	
	S	
7	T	
	S	
8	T	
	S	
9	T	
	S	
10	T	
	S	
11	T	
	S	
12	T	
	S	
13	T 60.5685	
	S 103.587	
14	T 68.1989	
	S 101.455	
15	T	
	S	
16	T	
	S	
17	T	
	S	
18	T	
	S	
19	T	
	S	

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20	T	5.0576	6.8005	5.6478	1.5103	4.9392	3.0240	5.7643	4.3263	4.6623	7.6338	4.7433	3.8281	6.5660	64.5035	
	S	140.338	93.843	141.004	154.846	107.259	59.073	108.229	102.912	90.377	83.064	77.909	127.348	152.646	109.613	
21	T	5.1157	8.2699				3.5119	5.9689	4.5787	4.7949	7.8445	4.8354	3.8639	6.6222	324.8088	260.8571
	S	138.744	77.169				50.866	104.519	97.239	87.877	80.833	76.425	126.168	151.350	21.768	3.599
22	T	5.1820	6.8391	5.6476	1.5066	5.0592	3.0981	5.6438	4.3801	4.7010	7.7431	4.7499	3.8442	6.5878	64.9825	
	S	136.969	93.314	141.009	155.226	104.715	57.660	110.540	101.648	89.633	81.891	77.801	126.814	152.141	108.805	
23	T	5.1348	6.9289	5.6497	1.5014	5.0004	3.0666	7.2279	8.7301	7.2421	7.7759	4.7415	3.8446	6.6070	73.4509	
	S	138.228	92.104	140.957	155.764	105.946	58.252	86.313	50.999	58.183	81.546	77.939	126.801	151.699	96.260	
24	T	5.0865	6.7819	5.6499	1.5084	5.0044	3.0169	5.6276	4.3028	4.6820	7.6359	4.7071	3.8278	6.5719	64.4031	
	S	139.540	94.101	140.952	155.041	105.861	59.212	110.858	103.474	89.997	83.041	78.508	127.358	152.509	109.784	
25	T	5.0962	6.8940	5.6682	1.5059	4.8856	3.0530	5.5920	4.2873	4.6179	7.6573	4.7015	3.8239	6.5546	64.3374	
	S	139.275	92.571	140.497	155.298	108.436	58.512	111.564	103.848	91.246	82.809	78.602	127.488	152.911	109.896	
26	T	5.0817	6.7894	5.6521	1.5110	4.9064	3.0111	5.5988	4.2750	4.6272	7.6417	4.7111	3.8141	6.5517	64.1713	
	S	139.672	93.997	140.897	154.774	107.976	59.326	111.428	104.147	91.062	82.978	78.441	127.815	152.979	110.180	
27	T	5.0778	6.7834	5.6215	1.5066	4.8347	3.1641	5.6510	4.3306	4.5890	7.6618	4.7035	3.8235	6.5420	64.2895	
	S	139.780	94.080	141.664	155.226	109.577	56.457	110.399	102.810	91.820	82.760	78.568	127.501	153.206	109.978	
28	T	5.4578	8.7017													
	S	130.047	73.340													

Event: Cooper Tires Indy Lights GP of Portland
Track: Portland International Raceway
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Section Data for Car 21 - VeeKay, Rinus (R)

Lap	T/SPO to SF	SF to PI
20	T	60.4098
	S	103.859
21	T	68.2082
	S	101.441
22	T	
	S	
23	T	
	S	
24	T	
	S	
25	T	
	S	
26	T	
	S	
27	T	60.9952
	S	102.862
28	T	
	S	

Event: Cooper Tires Indy Lights GP of Portland
Track: Portland International Raceway
Report: Section Data Report
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Indy Lights
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Section Data for Car 27 - Megennis, Robert (R)

Lap	T/S	I9 to I10	I10 to I11	I11 to SF	SF to I1	I1 to I2A	I2A to I2	I2 to I3	I3 to I4	I4 to I5	I5 to I6	I6 to I7	I7 to I8	I8 to I9	Lap	PI to PO	
1	T	7.6904	8.2865	5.8387	1.5363	6.0075	3.5049	6.1418	5.1018	5.2975	8.3608	5.2443	3.9380	6.6244	73.5729		
	S	92.293	77.015	136.394	152.225	88.185	50.968	101.577	87.269	79.540	75.841	70.466	123.794	151.300	96.101		
2	T	6.4611	7.6539	5.7431	1.5260	5.7785	3.3238	5.9099	4.7875	5.0745	8.2492	5.0043	3.9130	6.5665	69.9913		
	S	109.853	83.380	138.664	153.253	91.680	53.745	105.562	92.998	83.035	76.867	73.846	124.585	152.634	101.018		
3	T	6.3155	7.3861	5.7361	1.5249	5.4528	3.1874	5.7868	4.6508	4.9492	7.9337	4.8364	3.8826	6.6015	68.2438		
	S	112.386	86.403	138.834	153.363	97.156	56.045	107.808	95.731	85.138	79.924	76.409	125.560	151.825	103.605		
4	T	6.1813	7.2827	5.6940	1.5194	5.3646	3.1520	5.7539	4.5116	4.8738	7.7471	4.7636	3.8856	6.6106	67.3402		
	S	114.826	87.630	139.860	153.918	98.753	56.674	108.424	98.685	86.455	81.849	77.577	125.463	151.616	104.995		
5	T	5.7434	6.9835	5.6755	1.5152	5.3868	3.1292	5.6926	4.4752	4.7705	7.7481	4.7382	3.8621	6.5913	66.3116		
	S	123.581	91.384	140.316	154.345	98.346	57.087	109.592	99.488	88.327	81.838	77.993	126.227	152.060	106.624		
6	T	5.5781	6.9575	5.6803	1.5166	5.1595	3.1338	5.6872	4.4589	4.7830	7.5693	4.9338	3.8688	6.5895	65.9163		
	S	127.243	91.726	140.197	154.203	102.679	57.003	109.696	99.851	88.096	83.771	74.901	126.008	152.101	107.263		
7	T	5.5430	7.0176	5.6731	1.5164	5.0597	3.1913	5.6863	4.4323	4.6671	7.6618	4.7591	3.8850	6.6115	65.7042		
	S	128.048	90.940	140.375	154.223	104.704	55.976	109.713	100.451	90.284	82.760	77.650	125.483	151.595	107.610		
8	T	5.4416	6.9300	5.6559	1.5114	5.3457	3.0849	5.6817	4.3831	4.6891	7.5437	4.8009	3.8808	6.5897	65.5385		
	S	130.435	92.090	140.802	154.733	99.103	57.907	109.802	101.578	89.860	84.056	76.974	125.618	152.097	107.882		
9	T	5.3921	6.8932	5.6724	1.5138	5.0566	3.1226	5.6627	4.3260	4.6405	7.5745	4.8895	3.9042	6.6206	65.2687		
	S	131.632	92.581	140.393	154.488	104.769	57.208	110.171	102.919	90.801	83.714	75.579	124.866	151.387	108.328		
10	T	5.4054	6.9972	5.6722	1.5122	4.9705	3.1063	5.6676	4.3273	4.6390	7.5738	4.7768	3.8815	6.6014	65.1312		
	S	131.308	91.205	140.398	154.651	106.583	57.508	110.075	102.888	90.831	83.722	77.363	125.596	151.827	108.556		
11	T	5.3090	6.8800	5.6590	1.5075	4.9075	3.0659	5.6290	4.3678	4.6162	7.6167	4.7486	3.8748	6.5949	64.7769		
	S	133.692	92.759	140.725	155.133	107.952	58.266	110.830	101.934	91.279	83.250	77.822	125.813	151.977	109.150		
12	T	5.3723	6.8917	5.6495	1.5044	4.8779	3.0973	5.6832	4.3472	4.6861	7.4914	4.7869	3.8923	6.6074	64.8876		
	S	132.117	92.602	140.962	155.453	108.607	57.675	109.773	102.417	89.918	84.643	77.199	125.247	151.689	108.964		
13	T	5.2210	6.8879	5.6707	1.5089	4.8945	3.0413	5.6677	4.2941	4.6086	7.6172	4.7560	3.8873	6.6159	64.6711		
	S	135.946	92.653	140.435	154.989	108.238	58.737	110.074	103.683	91.430	83.245	77.701	125.408	151.495	109.329		
14	T	5.2791	6.8917	5.6702	1.5086	4.7880	3.0795	5.6822	4.3000	4.5889	7.6012	4.7342	3.8720	6.6052	64.6008		
	S	134.450	92.602	140.447	155.020	110.646	58.008	109.793	103.541	91.822	83.420	78.059	125.904	151.740	109.448		
15	T	5.3752	8.6237					3.3317	5.8748	4.6817	5.0512	7.8512	4.8262	3.9040	6.6704	280.5071	215.9803
	S	132.046	74.003					53.617	106.193	95.099	83.419	80.764	76.571	124.872	150.257	25.206	4.347
16	T	5.8077	7.1667	5.7052	1.5221	5.0079	3.1204	5.7016	4.3829	4.6633	7.6124	4.7499	3.8910	6.6387	65.9698		
	S	122.212	89.048	139.586	153.645	105.787	57.248	109.419	101.583	90.357	83.297	77.801	125.289	150.974	107.176		
17	T	5.3353	6.8658	5.6816	1.5146	4.8943	3.1027	5.6582	4.3274	4.5657	7.6690	4.7425	3.8713	6.6252	64.8536		
	S	133.033	92.951	140.165	154.406	108.243	57.574	110.258	102.886	92.289	82.682	77.922	125.927	151.282	109.021		
18	T	5.3253	6.8572	5.6545	1.5105				4.7541	4.9742	7.7513	4.7697	3.8876	6.6396	66.9760		
	S	133.283	93.067	140.837	154.825				93.651	84.710	81.804	77.478	125.399	150.954	105.566		
19	T	5.4265	6.9071	5.6664	1.5119	5.0979	3.0368	5.6323	4.3103	4.5712	7.7132	4.7546	3.8886	6.6372	65.1540		
	S	130.798	92.395	140.541	154.682	103.920	58.824	110.765	103.294	92.178	82.209	77.724	125.366	151.008	108.518		

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Section Data for Car 27 - Megennis, Robert (R)

Lap	T/SPO to SF	SF to PI
1	T	83.4112
	S	82.952
2	T	
	S	
3	T	
	S	
4	T	
	S	
5	T	
	S	
6	T	
	S	
7	T	
	S	
8	T	
	S	
9	T	
	S	
10	T	
	S	
11	T	
	S	
12	T	
	S	
13	T	
	S	
14	T	60.7922
	S	103.206
15	T	69.1740
	S	100.024
16	T	
	S	
17	T	
	S	
18	T	
	S	
19	T	
	S	

Event: Cooper Tires Indy Lights GP of Portland
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Section Data for Car 27 - Megennis, Robert (R)

Lap	T/S	I9 to I10	I10 to I11	I11 to SF	SF to I1	I1 to I2A	I2A to I2	I2 to I3	I3 to I4	I4 to I5	I5 to I6	I6 to I7	I7 to I8	I8 to I9	Lap	PI to PO
20	T	5.2840	6.8689	5.6595	1.5109	5.0385	3.0445	5.6422	4.2930	4.5886	7.4573	4.8072	3.8862	6.6243	64.7051	
	S	134.325	92.909	140.713	154.784	105.145	58.675	110.571	103.710	91.828	85.030	76.873	125.444	151.302	109.271	
21	T	5.2297	6.8357	5.6624	1.5116	4.9063	3.0517	5.6452	4.3071	4.5450	7.5477	4.7781	3.8626	6.6191	64.5022	
	S	135.720	93.360	140.641	154.713	107.978	58.537	110.512	103.371	92.709	84.011	77.342	126.210	151.421	109.615	
22	T	5.2199	6.8334	5.6518	1.5109	4.9093	3.0422	5.6143	4.2741	4.5585	7.5011	4.8442	3.8716	6.6156	64.4469	
	S	135.974	93.392	140.904	154.784	107.912	58.719	111.120	104.169	92.435	84.533	76.286	125.917	151.501	109.709	
23	T	5.2233	6.8837	5.6582	1.5116	4.9299	3.0279	5.6300	4.2899	4.5893	7.5925	4.7621	3.8800	6.6314	64.6098	
	S	135.886	92.709	140.745	154.713	107.461	58.997	110.811	103.785	91.814	83.515	77.601	125.644	151.140	109.432	
24	T	5.3243	8.7768				3.4166	5.9544	4.6504	4.8688	7.7269	4.8117	3.9019	6.6730	337.2010	272.5231
	S	133.308	72.712				52.285	104.774	95.740	86.544	82.063	76.801	124.939	150.198	20.968	3.445
25	T	5.6067	7.0203	5.6756	1.5102	5.0156	3.0982	5.6798	4.3543	4.6320	7.7248	4.7420	3.8788	6.6504	65.5887	
	S	126.594	90.905	140.314	154.856	105.625	57.658	109.839	102.250	90.968	82.085	77.930	125.683	150.709	107.799	
26	T	5.3173	6.8489	5.6734	1.5076	4.9987	3.0283	5.6550	4.2860	4.5619	7.5439	4.7022	3.8706	6.6063	64.6001	
	S	133.484	93.180	140.368	155.123	105.982	58.989	110.321	103.879	92.366	84.053	78.590	125.949	151.715	109.449	
27	T	5.2263	6.8548	5.6537	1.5092	5.0410	3.0514	5.6153	4.2922	4.5493	7.4917	4.7807	3.8879	6.6133	64.5668	
	S	135.808	93.100	140.857	154.959	105.093	58.542	111.101	103.729	92.622	84.639	77.299	125.389	151.554	109.505	
28	T	5.1813	6.8667	5.6604	1.5076	4.8093	3.0821	5.6536	4.3110	4.5609	7.4477	4.8438	3.8658	6.6060	64.3962	
	S	136.987	92.939	140.690	155.123	110.156	57.959	110.348	103.277	92.386	85.139	76.292	126.106	151.722	109.795	
29	T	5.2308	8.4651													
	S	135.691	75.390													

Event: Cooper Tires Indy Lights GP of Portland
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Section Data for Car 27 - Megennis, Robert (R)

Lap	T/SPO to SF	SF to PI
20	T	
	S	
21	T	
	S	
22	T	
	S	
23	T	60.9738
	S	102.898
24	T	68.8513
	S	100.493
25	T	
	S	
26	T	
	S	
27	T	
	S	
28	T	60.4078
	S	103.862
29	T	
	S	

Event: Cooper Tires Indy Lights GP of Portland
Track: Portland International Raceway
Report: Section Data Report
Session: Practice 1

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Section Data for Car 28 - Askew, Oliver (R)

Lap	T/S	I9 to I10	I10 to I11	I11 to SF	SF to I1	I1 to I2A	I2A to I2	I2 to I3	I3 to I4	I4 to I5	I5 to I6	I6 to I7	I7 to I8	I8 to I9	Lap	PI to PO
1	T	6.8728	8.0636	5.8792	1.5506	5.9954	3.5555	6.2687	5.0437	5.2218	8.3259	5.1143	3.9295	6.6601	72.4811	
	S	103.273	79.144	135.454	150.821	88.363	50.242	99.520	88.274	80.693	76.159	72.257	124.062	150.489	97.548	
2	T	5.9461	7.3184	5.7411	1.5285	118.0402			5.1136	5.4487	8.5901	5.2959	4.0351	6.6827	72.8039	
	S	119.368	87.202	138.713	153.002	4.488			87.067	77.333	73.816	69.780	120.815	149.980	97.116	
3	T	5.9635	9.2187				3.4829	6.0082	4.7976	5.0615	7.9982	4.9817	3.9144	6.6229	108.6378	42.1265
	S	119.019	69.227				51.290	103.835	92.802	83.249	79.279	74.181	124.540	151.334	65.082	22.287
4	T	5.7024	7.0910	5.6908	1.5144	5.2252	3.2092	5.7722	4.5416	4.7742	7.7421	4.8001	3.8920	6.5926	66.5478	
	S	124.469	89.999	139.939	154.427	101.388	55.664	108.081	98.033	88.258	81.902	76.987	125.257	152.030	106.245	
5	T	5.4533	6.8886	5.6781	1.5122	5.0642	3.1401	5.7646	4.3797	4.6161	7.6414	4.7801	3.8740	6.5763	65.3687	
	S	130.155	92.643	140.252	154.651	104.611	56.889	108.223	101.657	91.281	82.981	77.309	125.839	152.407	108.162	
6	T	5.3628	6.8578	5.6598	1.5071	5.0366	3.0966	5.6893	4.3606	4.6583	7.5414	4.7432	3.8675	6.5713	64.9523	
	S	132.351	93.059	140.705	155.175	105.185	57.688	109.656	102.102	90.454	84.081	77.911	126.050	152.523	108.855	
7	T	5.3278	6.8169	5.6177	1.4963	4.9490	3.1126	5.7263	4.3566	4.6729	7.6292	4.7902	3.8526	6.5180	64.8661	
	S	133.221	93.618	141.760	156.295	107.046	57.391	108.947	102.196	90.172	83.114	77.146	126.538	153.770	109.000	
8	T	5.5412	6.9437	5.6199	1.5010	4.9201	3.0672	5.6241	4.3142	4.6083	7.4866	4.7872	3.8671	6.5550	64.8356	
	S	128.090	91.908	141.704	155.805	107.675	58.241	110.927	103.200	91.436	84.697	77.194	126.063	152.902	109.051	
9	T	5.2192	6.7650	5.6268	1.4973	4.8696	3.0633	5.6506	4.3106	4.6346	7.5506	4.7550	3.8679	6.5521	64.3626	
	S	135.993	94.336	141.530	156.190	108.792	58.315	110.407	103.287	90.917	83.979	77.717	126.037	152.970	109.853	
10	T	5.2106	6.8067	5.6345	1.4938	4.8956	3.0585	5.6691	5.0545	5.3651	8.9461	6.3112	5.5472	7.4224	71.4153	
	S	136.217	93.758	141.337	156.556	108.214	58.407	110.046	88.085	78.538	70.879	58.554	87.882	135.034	99.004	
11	T	5.8544	9.6852	7.9808	1.6186	5.3131	3.2450	5.7524	4.6365	5.0128	7.6694	4.7918	3.8713	6.5686	71.9999	
	S	121.237	65.892	99.785	144.485	99.711	55.050	108.453	96.027	84.058	82.678	77.120	125.927	152.585	98.200	
12	T	5.3416	6.8341	5.6220	1.4943	4.8934	3.0132	5.6134	4.3202	4.6223	7.5328	4.7248	3.8631	6.5559	64.4311	
	S	132.876	93.382	141.651	156.504	108.263	59.285	111.138	103.057	91.159	84.177	78.214	126.194	152.881	109.736	
13	T	5.2109	6.8372	5.6452	1.4953	4.8636	3.0188	5.6132	4.3099	4.6359	7.4915	4.7256	3.8615	6.5520	64.2606	
	S	136.209	93.340	141.069	156.399	108.926	59.175	111.142	103.303	90.891	84.641	78.201	126.246	152.972	110.027	
14	T	5.2835	8.5186				3.3361	6.0026	4.9243	5.0901	8.0198	4.8673	3.8955	6.6067	437.2162	371.9309
	S	134.338	74.916				53.546	103.932	90.414	82.781	79.066	75.924	125.144	151.706	16.171	2.524
15	T	5.7212	6.9625	5.6446	1.5037	4.9686	3.0908	5.6913	4.3927	4.6810	7.5473	4.7575	3.8775	6.5942	65.4329	
	S	124.060	91.660	141.084	155.525	106.624	57.796	109.617	101.356	90.016	84.016	77.676	125.725	151.993	108.056	
16	T	5.2295	6.7380	5.6266	1.4980	4.8601	3.0233	5.6415	4.2936	4.6319	7.5065	4.7810	3.8627	6.5479	64.2406	
	S	135.725	94.714	141.535	156.117	109.004	59.087	110.585	103.696	90.970	84.472	77.295	126.207	153.068	110.061	
17	T	5.2234	6.8039	5.6094	1.4850	5.0114	3.0833	5.6188	4.4909	4.9843	7.6951	4.9082	5.2762	8.5287	68.7186	
	S	135.883	93.796	141.969	157.484	105.714	57.937	111.031	99.140	84.538	82.402	75.291	92.396	117.518	102.889	
18	T	7.0714	7.9576	5.8364	1.5213	5.7874	3.2880	5.8071	4.4098	4.7631	7.6211	4.7346	3.8542	6.5675	69.2195	
	S	100.372	80.198	136.448	153.726	91.539	54.330	107.431	100.963	88.464	83.202	78.052	126.485	152.611	102.145	
19	T	5.2196	6.7620	5.6391	1.5002	4.8762	3.0101	5.5796	4.2572	4.6115	7.5249	4.7128	3.8588	6.5640	64.1160	
	S	135.982	94.378	141.222	155.888	108.645	59.346	111.812	104.582	91.372	84.266	78.413	126.335	152.692	110.275	

Event: Cooper Tires Indy Lights GP of Portland

Track: Portland International Raceway

Report: Section Data Report

Session: Practice 1

Round 15 / 16

1.964 mile(s)

Indy Lights
August 30, 2019



Section Data for Car 28 - Askew, Oliver (R)

Lap	T/SPO to SF	SF to PI
1	T 82.0670	
	S 84.310	
2	T	69.0021
	S	90.926
3	T 69.7917	
	S 99.139	
4	T	
	S	
5	T	
	S	
6	T	
	S	
7	T	
	S	
8	T	
	S	
9	T	
	S	
10	T	
	S	
11	T	
	S	
12	T	
	S	
13	T	60.4015
	S	103.873
14	T 69.7794	
	S 99.157	
15	T	
	S	
16	T	
	S	
17	T	
	S	
18	T	
	S	
19	T 60.3981	
	S 103.879	

Event: Cooper Tires Indy Lights GP of Portland
Track: Portland International Raceway
Report: Section Data Report
Session: Practice 1

Round 15 / 16
1.964 mile(s)
Indy Lights
August 30, 2019



Section Data for Car 28 - Askew, Oliver (R)

Lap	T/S	I9 to I10	I10 to I11	I11 to SF	SF to I1	I1 to I2A	I2A to I2	I2 to I3	I3 to I4	I4 to I5	I5 to I6	I6 to I7	I7 to I8	I8 to I9	Lap	PI to PO
20	T	5.2689	8.6037				3.9237	8.1417	5.3297	5.3514	8.2516	4.8550	3.8883	6.6055	378.6965	307.2639
	S	134.710	74.175				45.528	76.626	83.537	78.739	76.845	76.116	125.376	151.733	18.670	3.056
21	T	5.5524	6.9258	5.6511	1.4979				4.6337	4.8541	7.9648	4.9571	3.8730	6.5916	68.5011	
	S	127.832	92.146	140.922	156.128				96.085	86.806	79.612	74.549	125.871	152.053	103.216	
22	T	5.3087	6.8615	5.6492	1.4990	4.8761	3.0385	5.6260	4.3137	4.6135	7.5506	4.6962	3.8560	6.5616	64.4506	
	S	133.700	93.009	140.969	156.013	108.647	58.791	110.889	103.212	91.333	83.979	78.690	126.426	152.748	109.703	
23	T	5.2449	6.7665	5.6239	1.4958	4.8301	3.0313	5.6220	4.2438	4.5694	7.5232	4.7362	3.8619	6.5604	64.1094	
	S	135.326	94.315	141.603	156.347	109.682	58.931	110.968	104.912	92.214	84.285	78.026	126.233	152.776	110.286	
24	T	5.2010	6.7809	5.6404	1.4967	4.7780	2.9925	5.5860	4.2550	4.6141	7.4461	4.7040	3.8487	6.5505	63.8939	
	S	136.469	94.115	141.189	156.253	110.878	59.695	111.683	104.636	91.321	85.157	78.560	126.666	153.007	110.658	
25	T	5.1923	6.7753	5.6188	1.4947	4.8075	2.9770	5.5840	4.2379	4.6222	7.5004	4.7078	3.8392	6.5593	63.9164	
	S	136.697	94.192	141.732	156.462	110.197	60.005	111.723	105.058	91.161	84.541	78.496	126.980	152.802	110.619	
26	T	5.4199	9.4992													
	S	130.957	67.183													

Event: Cooper Tires Indy Lights GP of Portland

Track: Portland International Raceway

Report: Section Data Report

Session: Practice 1

Round 15 / 16

1.964 mile(s)

Indy Lights
August 30, 2019



Section Data for Car 28 - Askew, Oliver (R)

Lap	T/SPO to SF	SF to PI
20	T	75.6591
	S	91.451
21	T	
	S	
22	T	
	S	
23	T	
	S	
24	T	
	S	
25	T	61.2804
	S	102.383
26	T	
	S	

Event: Cooper Tires Indy Lights GP of Portland
Track: Portland International Raceway
Report: Section Data Report
Session: Practice 1

Round 15 / 16
1.964 mile(s)
Indy Lights
August 30, 2019



Section Data for Car 48 - Norman, Ryan

Lap	T/S	I9 to I10	I10 to I11	I11 to SF	SF to I1	I1 to I2A	I2A to I2	I2 to I3	I3 to I4	I4 to I5	I5 to I6	I6 to I7	I7 to I8	I8 to I9	Lap	PI to PO	
1	T	7.0224	8.2330	5.9081	1.5512	5.7184	3.5164	6.2383	4.9734	5.2292	8.1936	5.3230	3.9344	6.6733	72.5147		
	S	101.073	77.515	134.792	150.763	92.644	50.801	100.005	89.522	80.579	77.389	69.424	123.907	150.191	97.503		
2	T	5.9663	7.5745	5.7917	1.5344	5.4024	3.2207	6.1350	4.7983	4.9313	7.9683	4.8973	3.9268	6.6869	68.8339		
	S	118.964	84.254	137.501	152.414	98.062	55.465	101.689	92.789	85.447	79.577	75.459	124.147	149.886	102.717		
3	T	5.6388	7.2089	5.7362	1.5336	5.1354	3.3418	5.9138	4.5604	4.8588	7.8797	4.8625	3.9423	6.6831	67.2953		
	S	125.873	88.527	138.831	152.493	103.161	53.455	105.493	97.629	86.722	80.471	75.999	123.659	149.971	105.065		
4	T	5.4457	7.0053	5.7077	1.5269	4.9506	3.1997	5.8063	4.4758	4.7308	7.7165	4.7283	3.8980	6.6598	65.8514		
	S	130.336	91.100	139.524	153.162	107.012	55.829	107.446	99.474	89.068	82.173	78.156	125.064	150.496	107.369		
5	T	5.5666	7.4509	5.7659	1.5309	5.0840	3.1816	5.7875	4.4916	4.9569	7.8233	4.7447	3.8739	6.6524	66.9102		
	S	127.506	85.652	138.116	152.762	104.204	56.147	107.795	99.124	85.005	81.052	77.886	125.842	150.663	105.670		
6	T	5.3434	6.9870	5.7074	1.5265	4.8671	3.2383	5.7511	4.4005	4.6452	7.6727	4.7178	3.8930	6.6447	65.3947		
	S	132.832	91.338	139.532	153.203	108.848	55.164	108.477	101.177	90.709	82.642	78.330	125.225	150.838	108.119		
7	T	5.3634	6.9285	5.6941	1.5260	4.9221	3.1165	5.6832	4.2931	4.5996	7.6246	4.7108	3.8761	6.6415	64.9795		
	S	132.336	92.110	139.858	153.253	107.631	57.320	109.773	103.708	91.609	83.164	78.446	125.771	150.911	108.810		
8	T	5.3616	6.9458	5.6774	1.5186	4.8647	3.1553	5.6940	4.3275	4.5395	7.6561	4.7138	3.8588	6.6181	64.9312		
	S	132.381	91.880	140.269	153.999	108.901	56.615	109.565	102.883	92.822	82.822	78.397	126.335	151.444	108.891		
9	T	5.2923	6.8632	5.6795	1.5191	4.8805	3.1063	5.6730	4.2918	4.5145	7.6410	4.7222	3.8840	6.6348	64.7022		
	S	134.114	92.986	140.217	153.949	108.549	57.508	109.971	103.739	93.336	82.985	78.257	125.515	151.063	109.276		
10	T	5.1929	6.8355	5.6899	1.5202	4.8705	3.1154	5.6856	4.2558	4.5648	7.6874	4.6937	3.8748	6.6242	64.6107		
	S	136.681	93.363	139.961	153.837	108.772	57.340	109.727	104.617	92.307	82.484	78.732	125.813	151.305	109.431		
11	T	5.2177	6.8088	5.6682	1.5124	4.8629	3.1331	5.6779	4.3425	4.6482	7.5677	4.6995	3.8794	6.6364	64.6547		
	S	136.032	93.729	140.497	154.631	108.942	57.016	109.876	102.528	90.651	83.789	78.635	125.664	151.027	109.356		
12	T	5.2524	6.8336	5.6869	1.5121	4.9065	3.1213	5.6617	4.3143	4.4923	7.6403	4.7999	3.8810	6.6195	64.7218		
	S	135.133	93.389	140.035	154.661	107.974	57.231	110.190	103.198	93.797	82.993	76.990	125.612	151.412	109.243		
13	T	6.0629	10.8580					3.7223	6.3260	4.9747	5.0786	7.9317	5.0060	3.8968	6.6669	470.0033	400.2963
	S	117.068	58.775					47.991	98.619	89.498	82.968	79.944	73.821	125.103	150.336	15.043	2.345
14	T	5.6559	7.0279	5.7095	1.5217	5.2172	3.1289	5.6995	4.3904	4.6864	7.6493	4.7381	3.8821	6.6581	65.9650		
	S	125.492	90.807	139.480	153.686	101.543	57.092	109.459	101.409	89.912	82.895	77.994	125.576	150.534	107.184		
15	T	5.2876	6.9287	5.6882	1.5179	4.8808	3.1768	5.7228	4.3106	4.5926	7.6285	4.6781	3.8700	6.6381	64.9207		
	S	134.233	92.107	140.003	154.071	108.542	56.232	109.014	103.287	91.748	83.121	78.995	125.969	150.988	108.908		
16	T	5.2466	6.8180	5.6812	1.5152	4.8890	3.1134	5.6967	4.3230	4.5771	7.5242	4.7738	3.8656	6.6370	64.6608		
	S	135.282	93.602	140.175	154.345	108.360	57.377	109.513	102.990	92.059	84.274	77.411	126.112	151.013	109.346		
17	T	5.1642	6.8218	5.6789	1.5151	4.9210	3.0973	5.6431	4.2834	4.5404	7.6368	4.6728	3.8509	6.6130	64.4387		
	S	137.441	93.550	140.232	154.355	107.656	57.675	110.553	103.942	92.803	83.031	79.084	126.594	151.561	109.723		
18	T	5.1480	6.7679	5.6520	1.5054	4.9251	3.1266	5.6529	4.2622	4.5304	7.6508	4.7003	3.8642	6.6269	64.4127		
	S	137.873	94.295	140.899	155.350	107.566	57.134	110.362	104.459	93.008	82.879	78.622	126.158	151.243	109.767		
19	T	5.2486	6.7826	5.6447	1.5048	4.7411	3.0734	5.6493	4.3510	4.5699	7.5765	4.6924	3.8599	6.5840	64.2782		
	S	135.231	94.091	141.082	155.412	111.740	58.123	110.432	102.328	92.204	83.692	78.754	126.299	152.229	109.997		

Event: Cooper Tires Indy Lights GP of Portland
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Round 15 / 16
 1.964 mile(s)
 Indy Lights
 August 30, 2019



Section Data for Car 48 - Norman, Ryan

Lap	T/SPO to SF	SF to PI
1	T 83.2407	
	S 83.121	
2	T	
	S	
3	T	
	S	
4	T	
	S	
5	T	
	S	
6	T	
	S	
7	T	
	S	
8	T	
	S	
9	T	
	S	
10	T	
	S	
11	T	
	S	
12	T 63.9067	
	S 98.176	
13	T 71.1425	
	S 97.257	
14	T	
	S	
15	T	
	S	
16	T	
	S	
17	T	
	S	
18	T	
	S	
19	T	
	S	

Event: Cooper Tires Indy Lights GP of Portland
 Track: Portland International Raceway
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Round 15 / 16
 1.964 mile(s)
 Indy Lights
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Section Data for Car 48 - Norman, Ryan

Lap	T/S	I9 to I10	I10 to I11	I11 to SF	SF to I1	I1 to I2A	I2A to I2	I2 to I3	I3 to I4	I4 to I5	I5 to I6	I6 to I7	I7 to I8	I8 to I9	Lap	PI to PO
20	T	5.1570	6.8172	5.6933	1.5168	4.7023	3.1322	5.6782	4.2457	4.5020	7.6112	4.7088	3.8717	6.6462	64.2826	
	S	137.633	93.613	139.877	154.182	112.662	57.032	109.870	104.865	93.595	83.310	78.480	125.914	150.804	109.989	
21	T	5.9612	9.8998				3.4759	6.1737	4.7988	4.9009	8.4640	4.8795	3.8889	6.6711	337.2668	267.6487
	S	119.065	64.464				51.393	101.052	92.779	85.977	74.916	75.734	125.357	150.241	20.964	3.508
22	T	5.4174	6.9210	5.6716	1.5056	4.9477	3.1557	5.7098	4.4299	5.7320	11.9354	4.7867	3.8962	6.6860	70.7950	
	S	131.017	92.209	140.413	155.329	107.075	56.608	109.262	100.505	73.511	53.127	77.203	125.122	149.906	99.871	
23	T	5.2940	6.8138	5.6737	1.5107	4.8407	3.1181	5.8101	4.2738	4.5309	7.5159	4.6778	3.8678	6.6115	64.5388	
	S	134.071	93.660	140.361	154.805	109.441	57.290	107.376	104.176	92.998	84.367	79.000	126.041	151.595	109.553	
24	T	5.1212	6.7228	5.6488	1.5066	4.8016	3.1038	5.6738	4.2658	4.4913	7.5201	4.8008	3.8796	6.6047	64.1409	
	S	138.595	94.928	140.979	155.226	110.333	57.554	109.955	104.371	93.818	84.319	76.976	125.657	151.751	110.232	
25	T	5.1185	6.7579	5.6476	1.5066	4.7379	3.0960	5.6655	4.2798	4.4688	7.5106	4.7725	3.8622	6.5786	64.0025	
	S	138.668	94.435	141.009	155.226	111.816	57.699	110.116	104.030	94.290	84.426	77.432	126.223	152.353	110.471	
26	T	5.1012	6.7653	5.6499	1.5079	4.6704	3.0860	5.6390	4.3898	4.6842	7.5506	4.8325	3.8932	7.0476	64.8176	
	S	139.138	94.332	140.952	155.092	113.432	57.886	110.634	101.423	89.954	83.979	76.471	125.218	142.215	109.081	
27	T	7.3471	10.2541													
	S	96.606	62.237													

Event: Cooper Tires Indy Lights GP of Portland
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Round 15 / 16
 1.964 mile(s)
 Indy Lights
 August 30, 2019



Section Data for Car 48 - Norman, Ryan

Lap	T/SPO to SF	SF to PI
20	T	62.4977
	S	100.389
21	T	71.7455
	S	96.439
22	T	
	S	
23	T	
	S	
24	T	
	S	
25	T	
	S	
26	T	64.9269
	S	96.633
27	T	
	S	

Event: Cooper Tires Indy Lights GP of Portland
Track: Portland International Raceway
Report: Section Data Report
Session: Practice 1

Round 15 / 16
1.964 mile(s)
Indy Lights
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Section Data for Car 5 - Kohl, Lucas (R)

Lap	T/S	I9 to I10	I10 to I11	I11 to SF	SF to I1	I1 to I2A	I2A to I2	I2 to I3	I3 to I4	I4 to I5	I5 to I6	I6 to I7	I7 to I8	I8 to I9	Lap	PI to PO	
1	T	9.6497	9.2807	6.3941	1.5883	6.2246	3.5878	6.8959	5.3913	5.6497	8.6060	5.5611	4.0559	6.7140	79.5991		
	S	73.554	68.764	124.547	147.241	85.110	49.790	90.469	82.583	74.582	73.680	66.452	120.195	149.281	88.825		
2	T	6.7947	7.8614	5.8275	1.5371	5.8295	3.4097	6.1695	5.0440	5.3029	8.1035	5.1323	3.9164	6.6375	71.5660		
	S	104.460	81.179	136.656	152.146	90.878	52.391	101.121	88.269	79.459	78.249	72.004	124.477	151.002	98.796		
3	T	6.1717	7.5069	5.7484	1.5239	5.3293	3.2836	5.9298	4.7855	5.0665	7.9891	4.9620	3.9142	6.6185	68.8294		
	S	115.004	85.013	138.537	153.464	99.408	54.403	105.208	93.037	83.167	79.370	74.475	124.547	151.435	102.724		
4	T	5.8996	7.3614	5.7045	1.5123	5.5817	3.4004	6.2619	4.7126	4.9533	7.9155	4.9982	3.8874	6.5850	68.7738		
	S	120.309	86.693	139.603	154.641	94.912	52.534	99.628	94.476	85.067	80.107	73.936	125.405	152.205	102.807		
5	T	5.8505	7.3213	5.6964	1.5099	5.1933	3.2514	5.7852	4.6564	5.0034	7.9090	4.9326	3.8503	6.5441	67.5038		
	S	121.318	87.168	139.801	154.887	102.011	54.941	107.838	95.616	84.215	80.173	74.919	126.614	153.157	104.741		
6	T	5.7474	7.2818	5.6858	1.5073	5.1644	3.1333	5.7211	4.5771	4.8603	7.8356	4.8289	3.8997	6.5879	66.8306		
	S	123.495	87.641	140.062	155.154	102.582	57.012	109.046	97.273	86.695	80.924	76.528	125.010	152.138	105.796		
7	T	5.6041	7.0344	5.6541	1.5048	4.9452	3.1971	5.8057	4.4768	4.8190	7.7487	4.9092	3.8771	6.5811	66.1573		
	S	126.652	90.723	140.847	155.412	107.129	55.874	107.457	99.452	87.438	81.832	75.276	125.738	152.296	106.873		
8	T	5.6640	7.0868	5.6560	1.5048	4.9744	3.1896	5.8085	4.5221	4.7794	7.8540	4.8295	3.8780	6.5851	66.3322		
	S	125.313	90.052	140.800	155.412	106.500	56.006	107.405	98.456	88.162	80.735	76.518	125.709	152.203	106.591		
9	T	5.5222	6.9708	5.6549	1.5035	4.9431	3.1077	5.7363	4.4986	4.6939	8.0649	4.7865	3.8719	6.6000	65.9543		
	S	128.531	91.551	140.827	155.546	107.174	57.482	108.757	98.970	89.768	78.624	77.206	125.907	151.860	107.202		
10	T	5.4189	6.9713	5.6396	1.4995	4.8705	3.1454	5.7488	4.4908	4.7704	7.7050	5.5711	6.9018	7.5872	70.3203		
	S	130.981	91.544	141.209	155.961	108.772	56.793	108.521	99.142	88.329	82.296	66.333	70.634	132.100	100.546		
11	T	6.6482	7.6702	5.7274	1.5088	5.0003	3.2013	5.7779	4.5720	4.8179	7.7312	4.7650	3.8548	6.5815	67.8565		
	S	106.762	83.203	139.045	155.000	105.948	55.801	107.974	97.381	87.458	82.017	77.554	126.466	152.286	104.196		
12	T	5.3389	7.0281	5.6802	1.5042	4.9553	3.1141	5.7173	4.4970	4.7492	7.7177	4.8045	3.8726	6.5933	65.5724		
	S	132.944	90.804	140.200	155.474	106.910	57.364	109.119	99.005	88.723	82.161	76.917	125.884	152.014	107.826		
13	T	5.4067	7.0416	5.6721	1.5043	4.9537	3.0814	5.7135	4.5505	4.7744	7.6901	4.8460	3.8597	6.5905	65.6845		
	S	131.277	90.630	140.400	155.463	106.945	57.972	109.191	97.841	88.255	82.455	76.258	126.305	152.078	107.642		
14	T	5.2918	7.0104	5.6876	1.5091	4.9061	3.0918	5.7033	4.5004	4.7140	7.6801	4.7634	3.8632	6.5952	65.3164		
	S	134.127	91.034	140.018	154.969	107.982	57.777	109.386	98.931	89.386	82.563	77.580	126.191	151.970	108.248		
15	T	5.3880	6.9511	5.6714	1.5078	4.9546	3.0534	5.6808	4.5153	4.7712	7.6412	4.8015	3.8610	6.6028	65.4001		
	S	131.732	91.810	140.417	155.103	106.925	58.504	109.820	98.604	88.314	82.983	76.965	126.263	151.795	108.110		
16	T	5.3833	6.9753	5.6712	1.5085	5.0204	3.0317	5.6102	4.4521	4.7431	7.6651	4.8657	3.8821	6.6127	65.4214		
	S	131.847	91.492	140.422	155.031	105.524	58.923	111.202	100.004	88.837	82.724	75.949	125.576	151.568	108.075		
17	T	5.4697	6.9376	5.6602	1.5058	5.0157	3.1210	5.7376	4.5872	4.7615	7.6659	4.7642	3.8600	6.5987	65.6851		
	S	129.764	91.989	140.695	155.309	105.623	57.237	108.733	97.059	88.494	82.716	77.567	126.295	151.889	107.641		
18	T	5.4233	8.9853					3.4430	6.1591	4.8605	5.1171	7.8039	4.9225	3.9073	6.6102	318.0070	251.1490
	S	130.875	71.025					51.884	101.291	91.601	82.344	81.253	75.073	124.766	151.625	22.233	3.738
19	T	5.7076	7.1537	5.6958	1.5098	5.0168	3.1723	5.7533	4.5643	4.8144	7.6963	4.7471	3.8515	6.5804	66.2633		
	S	124.356	89.210	139.816	154.897	105.600	56.311	108.436	97.546	87.522	82.389	77.847	126.574	152.312	106.702		

Event: Cooper Tires Indy Lights GP of Portland
Track: Portland International Raceway
Report: Section Data Report
Session: Practice 1

Round 15 / 16
 1.964 mile(s)
 Indy Lights
 August 30, 2019



Section Data for Car 5 - Kohl, Lucas (R)

Lap	T/SPO to SF	SF to PI
1	T	92.6086
	S	74.713
2	T	
	S	
3	T	
	S	
4	T	
	S	
5	T	
	S	
6	T	
	S	
7	T	
	S	
8	T	
	S	
9	T	
	S	
10	T	
	S	
11	T	
	S	
12	T	
	S	
13	T	
	S	
14	T	
	S	
15	T	
	S	
16	T	
	S	
17	T	62.0522
	S	101.110
18	T	70.9805
	S	97.479
19	T	
	S	

Event: Cooper Tires Indy Lights GP of Portland
Track: Portland International Raceway
Report: Section Data Report
Session: Practice 1

Round 15 / 16
1.964 mile(s)
Indy Lights
August 30, 2019



Section Data for Car 5 - Kohl, Lucas (R)

Lap	T/S	I9 to I10	I10 to I11	I11 to SF	SF to I1	I1 to I2A	I2A to I2	I2 to I3	I3 to I4	I4 to I5	I5 to I6	I6 to I7	I7 to I8	I8 to I9	Lap	PI to PO
20	T	5.4314	6.9877	5.6894	1.5085	4.9082	3.0890	5.7335	4.4526	4.7841	7.6023	4.8753	3.8920	6.5760	65.5300	
	S	130.680	91.329	139.973	155.031	107.936	57.830	108.810	99.993	88.076	83.408	75.800	125.257	152.414	107.896	
21	T	5.3807	6.9365	5.6700	1.5074	4.9033	3.0817	5.7483	4.4945	4.7193	7.5937	4.7366	3.8473	6.5720	65.1913	
	S	131.911	92.003	140.452	155.144	108.044	57.967	108.530	99.060	89.285	83.502	78.019	126.712	152.507	108.456	
22	T	5.3870	9.0207				4.0850	7.1432	5.9941	5.8484	9.4825	5.5833	4.0866	6.7383	278.6428	205.2854
	S	131.757	70.746				43.730	87.337	74.278	72.048	66.870	66.188	119.292	148.743	25.374	4.573
23	T	6.3513	7.6048	5.7467	1.5175	5.6208	3.3947	6.0480	4.8739	4.9656	8.1630	4.9634	3.9025	6.6380	69.7902	
	S	111.752	83.918	138.578	154.111	94.252	52.622	103.152	91.349	84.857	77.679	74.454	124.920	150.990	101.309	
24	T	5.6266	7.0991	5.6897	1.5080	5.0385	3.2198	5.9508	4.5698	4.7253	7.9472	4.7038	3.8586	6.6054	66.5426	
	S	126.146	89.896	139.966	155.082	105.145	55.481	104.837	97.428	89.172	79.788	78.563	126.341	151.735	106.254	
25	T	5.4055	6.9141	5.6624	1.5056	4.8906	3.1197	5.7197	4.4517	4.7381	7.6530	4.8631	3.8622	6.5954	65.3811	
	S	131.306	92.302	140.641	155.329	108.325	57.261	109.073	100.013	88.931	82.855	75.990	126.223	151.965	108.141	
26	T	5.3198	6.7720	5.6475	1.5038	4.9341	3.0597	5.6763	4.3741	4.6847	7.6701	4.6864	3.8343	6.5655	64.7283	
	S	133.421	94.238	141.012	155.515	107.370	58.384	109.907	101.787	89.945	82.670	78.855	127.142	152.657	109.232	
27	T	5.3236	6.8889	5.6536	1.5070	4.9449	3.0808	5.5942	4.3627	4.6861	7.6857	5.0376	3.8544	6.5870	65.2065	
	S	133.326	92.639	140.860	155.185	107.135	57.984	111.520	102.053	89.918	82.503	73.357	126.479	152.159	108.431	
28	T	5.1961	6.8041	5.6689	1.5089	4.9275	3.0113	5.6339	4.4289	4.6436	7.6012	4.6656	3.8409	6.5708	64.5017	
	S	136.597	93.794	140.479	154.989	107.513	59.322	110.734	100.528	90.741	83.420	79.206	126.923	152.534	109.616	
29	T	5.7248	9.7367													
	S	123.982	65.544													

Event: Cooper Tires Indy Lights GP of Portland

Track: Portland International Raceway

Report: Section Data Report

Session: Practice 1

Round 15 / 16

1.964 mile(s)

Indy Lights
August 30, 2019



Section Data for Car 5 - Kohl, Lucas (R)

Lap	T/SPO to SF	SF to PI
20	T	
	S	
21	T	61.6462
	S	101.776
22	T	78.6181
	S	88.009
23	T	
	S	
24	T	
	S	
25	T	
	S	
26	T	
	S	
27	T	
	S	
28	T	62.3283
	S	100.662
29	T	
	S	

Event: Cooper Tires Indy Lights GP of Portland

Track: Portland International Raceway

Report: Section Data Report

Session: Practice 1

Round 15 / 16

1.964 mile(s)

Indy Lights
August 30, 2019



Section Data for Car 67 - Kellett, Dalton

Lap	T/S	I9 to I10	I10 to I11	I11 to SF	SF to I1	I1 to I2A	I2A to I2	I2 to I3	I3 to I4	I4 to I5	I5 to I6	I6 to I7	I7 to I8	I8 to I9	Lap	PI to PO	
1	T	8.6452	9.6620	6.2536	1.5885	6.0749	3.7199	7.2205	5.4384	5.4004	9.1501	5.5972	4.0611	6.8096	79.6214		
	S	82.100	66.051	127.345	147.223	87.207	48.022	86.402	81.867	78.025	69.299	66.023	120.041	147.185	88.800		
2	T	7.1256	7.9403	5.8785	1.5502	5.7463	3.6259	6.1577	5.2467	5.0485	8.4101	5.2382	3.9344	6.6994	72.6018		
	S	99.609	80.373	135.471	150.860	92.194	49.267	101.314	84.859	83.463	75.396	70.548	123.907	149.606	97.386		
3	T	6.3733	7.4715	5.8124	1.5382	5.4483	3.3936	5.9433	4.7191	4.7597	8.1262	4.9746	3.9175	6.6649	69.1426		
	S	111.367	85.415	137.011	152.037	97.236	52.639	104.969	94.346	88.527	78.030	74.286	124.442	150.381	102.258		
4	T	6.0359	7.3254	5.7511	1.5239	5.3015	3.2850	5.8109	4.9268	4.8186	7.9041	4.9900	3.8721	6.5955	68.1408		
	S	117.592	87.119	138.472	153.464	99.929	54.379	107.361	90.368	87.445	80.223	74.057	125.901	151.963	103.762		
5	T	6.0633	7.4014	5.7532	1.5268	5.3214	3.2707	5.8008	4.6664	4.7202	7.9019	4.8815	3.8806	6.6216	67.8098		
	S	117.060	86.224	138.421	153.172	99.555	54.617	107.548	95.411	89.268	80.245	75.703	125.625	151.364	104.268		
6	T	5.8807	7.1740	5.7243	1.5188	5.4232	3.3516	5.6927	4.6327	4.7594	7.6898	4.9601	3.8902	6.6166	67.3141		
	S	120.695	88.958	139.120	153.979	97.686	53.299	109.590	96.105	88.533	82.459	74.504	125.315	151.479	105.036		
7	T	5.5928	7.0153	5.6718	1.5139	5.1099	3.1578	5.6735	4.4553	4.5630	7.8046	4.8536	3.8457	6.5947	65.8519		
	S	126.908	90.970	140.408	154.478	103.676	56.570	109.961	99.932	92.344	81.246	76.138	126.765	151.982	107.368		
8	T	5.4613	6.9733	5.6833	1.5109	5.0613	3.1090	5.6096	4.4212	4.5799	7.6226	4.9160	3.8570	6.6003	65.4057		
	S	129.964	91.518	140.123	154.784	104.671	57.458	111.214	100.703	92.003	83.186	75.172	126.394	151.853	108.101		
9	T	5.5007	6.8875	5.6618	1.5119	4.9367	3.1696	5.6786	4.3626	4.5506	7.8487	4.7678	3.8581	6.6032	65.3378		
	S	129.033	92.658	140.656	154.682	107.313	56.359	109.862	102.055	92.595	80.789	77.509	126.358	151.786	108.213		
10	T	5.5044	6.9271	5.6817	1.5127	5.0627	3.0673	5.6251	4.3962	4.5327	7.7055	4.7946	3.8711	6.6269	65.3080		
	S	128.946	92.128	140.163	154.600	104.642	58.239	110.907	101.275	92.961	82.291	77.075	125.933	151.243	108.262		
11	T	5.4851	6.8830	5.6760	1.5093	5.1236	3.0577	5.6391	4.3109	4.5635	7.6856	4.7423	3.8589	6.6163	65.1513		
	S	129.400	92.719	140.304	154.948	103.399	58.422	110.632	103.279	92.333	82.504	77.925	126.331	151.485	108.523		
12	T	5.4975	9.0875					3.8939	6.3078	5.0851	5.0379	8.2482	5.0118	3.9019	6.6811	546.3505	477.7425
	S	129.108	70.226					45.876	98.904	87.555	83.639	76.876	73.735	124.939	150.016	12.941	1.965
13	T	5.6971	7.0220	5.7147	1.5216	5.1373	3.1609	5.6884	4.4506	4.6394	7.7883	4.7611	3.8566	6.6396	66.0776		
	S	124.585	90.883	139.354	153.696	103.123	56.514	109.673	100.038	90.823	81.416	77.618	126.407	150.954	107.001		
14	T	5.4810	6.8532	5.6840	1.5190	4.8689	3.1438	5.6647	4.3789	4.6586	7.6626	4.7539	3.8847	6.6450	65.1983		
	S	129.497	93.122	140.106	153.959	108.807	56.822	110.132	101.676	90.449	82.751	77.735	125.492	150.831	108.445		
15	T	5.3423	6.8858	5.6803	1.5119	4.9883	3.0716	5.6124	4.3830	4.5336	7.6226	4.7104	3.8749	6.6358	64.8529		
	S	132.859	92.681	140.197	154.682	106.203	58.157	111.158	101.580	92.942	83.186	78.453	125.810	151.040	109.022		
16	T	5.2272	6.7924	5.6697	1.5156	4.9257	3.0165	5.5878	4.3314	4.9509	7.9736	4.8924	3.8777	6.6269	65.3878		
	S	135.784	93.955	140.460	154.304	107.553	59.220	111.647	102.791	85.108	79.524	75.535	125.719	151.243	108.130		
17	T	5.3315	6.9537	5.6817	1.5162	4.8712	3.0546	5.6201	4.3323	4.5833	7.5661	4.7493	3.8659	6.5943	64.7202		
	S	133.128	91.776	140.163	154.243	108.756	58.481	111.006	102.769	91.935	83.807	77.811	126.103	151.991	109.246		
18	T	5.2450	9.3273					3.3680	5.7775	4.7259	4.8590	7.7857	4.8085	3.8714	6.6689	290.0434	224.7191
	S	135.324	68.421					53.039	107.982	94.210	86.718	81.443	76.853	125.923	150.291	24.377	4.178
19	T	5.4257	6.8805	5.7087	1.5206	4.8552	3.0793	5.6409	4.4038	4.5722	7.6733	4.7573	3.8766	6.6394	65.0335		
	S	130.817	92.752	139.500	153.797	109.115	58.012	110.596	101.101	92.158	82.636	77.680	125.755	150.958	108.719		

Event: Cooper Tires Indy Lights GP of Portland
Track: Portland International Raceway
Report: Section Data Report
Session: Practice 1

Round 15 / 16
 1.964 mile(s)
 Indy Lights
 August 30, 2019



Section Data for Car 67 - Kellett, Dalton

Lap	T/SPO to SF	SF to PI
1	T 91.1318	
	S 75.924	
2	T	
	S	
3	T	
	S	
4	T	
	S	
5	T	
	S	
6	T	
	S	
7	T	
	S	
8	T	
	S	
9	T	
	S	
10	T	
	S	
11	T	61.7147
	S	101.663
12	T 72.4343	
	S 95.522	
13	T	
	S	
14	T	
	S	
15	T	
	S	
16	T	
	S	
17	T	61.3586
	S	102.253
18	T 68.7339	
	S 100.665	
19	T	
	S	

Event: Cooper Tires Indy Lights GP of Portland
 Track: Portland International Raceway
 Report: Section Data Report
 Session: Practice 1

Round 15 / 16
 1.964 mile(s)
 Indy Lights
 August 30, 2019



Section Data for Car 67 - Kellett, Dalton

Lap	T/S	I9 to I10	I10 to I11	I11 to SF	SF to I1	I1 to I2A	I2A to I2	I2 to I3	I3 to I4	I4 to I5	I5 to I6	I6 to I7	I7 to I8	I8 to I9	Lap	PI to PO
20	T	5.2742	6.8900	5.6863	1.5135	4.8164	3.0854	5.6522	4.3546	4.5645	7.6500	4.8742	3.8851	6.6494	64.8958	
	S	134.574	92.624	140.050	154.518	109.994	57.897	110.375	102.243	92.313	82.888	75.817	125.479	150.731	108.950	
21	T	5.2192	6.7837	5.6813	1.5134	4.8071	3.0711	5.6027	4.3237	4.5180	7.6342	4.8950	3.8727	6.6359	64.5580	
	S	135.993	94.076	140.173	154.529	110.206	58.167	111.351	102.974	93.263	83.059	75.494	125.881	151.038	109.520	
22	T	5.1536	6.8460	5.6826	1.5129	4.8307	3.0685	5.6405	4.3099	4.5462	7.5244	4.7847	3.8472	6.6096	64.3568	
	S	137.724	93.220	140.141	154.580	109.668	58.216	110.604	103.303	92.685	84.271	77.235	126.716	151.639	109.863	
23	T	5.1176	6.8172	5.6845	1.5150	4.8251	3.0008	5.6237	4.3102	4.5956	7.5522	4.8494	3.8712	6.6146	64.3771	
	S	138.692	93.613	140.094	154.365	109.795	59.530	110.935	103.296	91.688	83.961	76.204	125.930	151.524	109.828	
24	T	5.1907	6.8674	5.6797	1.5174	4.8527	2.9999	5.5906	4.3315	4.5429	7.6065	4.7723	3.8435	6.5907	64.3858	
	S	136.739	92.929	140.212	154.121	109.171	59.547	111.592	102.788	92.752	83.362	77.436	126.838	152.074	109.813	
25	T	5.0883	6.7753	5.6649	1.5154	4.8596	3.0627	5.6211	4.3431	4.5484	7.6033	4.7073	3.8428	6.5937	64.2259	
	S	139.491	94.192	140.579	154.325	109.016	58.326	110.986	102.514	92.640	83.397	78.505	126.861	152.005	110.086	
26	T	5.4412	9.9284													
	S	130.444	64.278													

Event: Cooper Tires Indy Lights GP of Portland

Track: Portland International Raceway

Report: Section Data Report

Session: Practice 1

Round 15 / 16

1.964 mile(s)

**Indy Lights
August 30, 2019**



Section Data for Car 67 - Kellett, Dalton

Lap	T/SPO to SF	SF to PI
20	T	
	S	
21	T	
	S	
22	T	
	S	
23	T	
	S	
24	T	
	S	
25	T	62.1026
	S	101.028
26	T	
	S	

Event: Cooper Tires Indy Lights GP of Portland
Track: Portland International Raceway
Report: Section Data Report
Session: Practice 1

Round 15 / 16
1.964 mile(s)
Indy Lights
August 30, 2019



Section Data for Car 79 - Malukas, David (R)

Lap	T/S	I9 to I10	I10 to I11	I11 to SF	SF to I1	I1 to I2A	I2A to I2	I2 to I3	I3 to I4	I4 to I5	I5 to I6	I6 to I7	I7 to I8	I8 to I9	Lap	PI to PO
1	T	9.5551	11.4488				3.7314	6.8707	5.7979	5.9301	9.0605	5.2772	4.0828	7.3955	213.2153	134.8097
	S	74.282	55.742				47.874	90.801	76.791	71.055	69.984	70.027	119.403	135.525	33.161	6.964
2	T	6.7064	7.8844	5.9775	1.6815	6.0954	3.2939	6.2632	5.2380	5.4720	8.4247	5.0480	3.9541	6.9300	72.9691	
	S	105.835	80.942	133.227	139.080	86.914	54.232	99.608	84.999	77.004	75.266	73.206	123.290	144.628	96.896	
3	T	6.2959	7.5336	6.7138	1.7322	5.8650	3.2785	5.9391	4.8328	4.9810	8.3461	4.8542	3.8867	7.3100	71.5689	
	S	112.736	84.711	118.616	135.010	90.328	54.487	105.043	92.126	84.594	75.975	76.129	125.428	137.110	98.792	
4	T	6.4796	7.3785	5.6995	1.5124	5.5807	3.3107	6.9338	5.4255	5.9910	9.3175	5.1313	3.9439	6.6905	73.3949	
	S	109.540	86.492	139.725	154.631	94.929	53.957	89.974	82.062	70.333	68.054	72.018	123.609	149.805	96.334	
5	T	5.9417	7.2743	5.7157	1.5300	5.5423	3.1006	5.8450	4.6145	4.9621	7.8237	4.8455	3.9105	6.6730	67.7789	
	S	119.456	87.731	139.329	152.852	95.587	57.613	106.735	96.484	84.916	81.047	76.266	124.664	150.198	104.316	
6	T	5.6819	7.2090	5.7103	1.5280	5.1913	3.1232	5.7983	4.6564	5.0224	7.6233	4.7625	3.8580	6.6373	66.8019	
	S	124.918	88.526	139.461	153.052	102.050	57.197	107.594	95.616	83.897	83.178	77.595	126.361	151.006	105.841	
7	T	5.5293	7.0133	5.6816	1.5208	4.9983	3.1404	5.7388	4.5847	4.8877	7.6244	4.8410	3.8684	6.6506	66.0793	
	S	128.366	90.996	140.165	153.777	105.991	56.883	108.710	97.112	86.209	83.166	76.337	126.021	150.704	106.999	
8	T	5.5523	7.0873	5.6864	1.5165	5.2382	3.0269	5.6822	4.4882	4.7689	7.6233	4.7327	3.8545	6.6168	65.8742	
	S	127.834	90.046	140.047	154.213	101.136	59.016	109.793	99.200	88.357	83.178	78.083	126.476	151.474	107.332	
9	T	5.5402	7.0426	5.6742	1.5094	5.0823	3.0178	5.6790	4.4494	4.8104	7.6979	4.7494	3.8584	6.6071	65.7181	
	S	128.113	90.617	140.348	154.938	104.239	59.194	109.854	100.065	87.594	82.372	77.809	126.348	151.696	107.587	
10	T	5.3627	6.9589	5.6439	1.5024	5.0791	3.0058	5.6242	4.4402	4.6925	7.5985	4.7574	3.8657	6.5972	65.1285	
	S	132.354	91.707	141.102	155.660	104.304	59.431	110.925	100.272	89.795	83.449	77.678	126.109	151.924	108.561	
11	T	5.2900	6.9801	5.6716	1.5066	5.1555	3.0155	5.6152	4.4205	4.6875	7.5788	4.7744	3.8364	6.5851	65.1172	
	S	134.173	91.429	140.413	155.226	102.759	59.239	111.103	100.719	89.891	83.666	77.401	127.072	152.203	108.580	
12	T	5.2814	6.8607	5.6508	1.5049	4.9200	3.0230	5.6094	4.4148	4.6992	7.6127	4.7810	3.8313	6.5751	64.7643	
	S	134.391	93.020	140.929	155.401	107.677	59.092	111.218	100.849	89.667	83.294	77.295	127.241	152.435	109.171	
13	T	5.2662	6.8662	5.6582	1.5028	4.9499	3.0450	5.6404	4.3844	4.6848	7.6031	4.8075	3.8305	6.5403	64.7793	
	S	134.779	92.945	140.745	155.619	107.027	58.665	110.606	101.548	89.943	83.399	76.869	127.268	153.246	109.146	
14	T	5.4533	8.8922				3.2726	5.8559	4.7236	4.9972	7.8042	4.8141	3.9076	6.6907	489.9087	424.9428
	S	130.155	71.769				54.585	106.536	94.256	84.320	81.250	76.763	124.757	149.801	14.432	2.209
15	T	5.4137	6.8916	5.6936	1.5225	5.0287	3.0990	5.6861	4.4340	4.6417	7.5446	4.7635	3.8682	6.6489	65.2361	
	S	131.107	92.603	139.870	153.605	105.350	57.643	109.717	100.412	90.778	84.046	77.579	126.028	150.743	108.382	
16	T	5.2352	6.8056	5.6898	1.5223	5.0752	3.0064	5.6076	4.3353	4.6252	7.4741	4.7688	3.8472	6.6242	64.6169	
	S	135.577	93.773	139.963	153.625	104.385	59.419	111.253	102.698	91.102	84.838	77.492	126.716	151.305	109.420	
17	T	5.2099	8.7382				4.0895	7.1498	5.9593	6.0484	9.2187	5.4029	4.0572	6.7805	219.4960	147.4501
	S	136.235	73.034				43.682	87.256	74.711	69.665	68.783	68.398	120.157	147.817	32.212	6.367
18	T	6.3151	7.5743	5.7747	1.5372	5.6538	3.2619	6.0000	4.7378	4.8721	8.2173	4.8735	3.8745	6.6779	69.3701	
	S	112.393	84.256	137.906	152.136	93.702	54.765	103.977	93.973	86.485	77.165	75.828	125.823	150.088	101.923	
19	T	5.5811	7.0606	5.7115	1.5231	5.3062	3.0843	5.6801	4.5243	4.7060	7.7683	4.9332	3.8801	6.6802	66.4390	
	S	127.174	90.386	139.432	153.545	99.840	57.918	109.833	98.408	89.538	81.625	74.910	125.641	150.036	106.419	

Event: Cooper Tires Indy Lights GP of Portland
Track: Portland International Raceway
Report: Section Data Report
Session: Practice 1

Round 15 / 16
 1.964 mile(s)
 Indy Lights
 August 30, 2019



Section Data for Car 79 - Malukas, David (R)

Lap	T/SPO to SF	SF to PI
1	T 77.9397	
	S 88.775	
2	T	
	S	
3	T	
	S	
4	T	
	S	
5	T	
	S	
6	T	
	S	
7	T	
	S	
8	T	
	S	
9	T	
	S	
10	T	
	S	
11	T	
	S	
12	T	
	S	
13	T 61.3703	
	S 102.233	
14	T 68.5832	
	S 100.886	
15	T	
	S	
16	T 60.8606	
	S 103.090	
17	T 77.7357	
	S 89.008	
18	T	
	S	
19	T	
	S	

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Round 15 / 16
 1.964 mile(s)
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Section Data for Car 79 - Malukas, David (R)

Lap	T/S	I9 to I10	I10 to I11	I11 to SF	SF to I1	I1 to I2A	I2A to I2	I2 to I3	I3 to I4	I4 to I5	I5 to I6	I6 to I7	I7 to I8	I8 to I9	Lap	PI to PO
20	T	5.4392	6.9414	5.6848	1.5180	5.0624	3.0776	5.6338	4.3935	4.6607	7.6963	4.7120	3.8359	6.5840	65.2396	
	S	130.492	91.938	140.086	154.060	104.649	58.044	110.736	101.338	90.408	82.389	78.426	127.089	152.229	108.376	
21	T	5.3230	6.8757	5.6294	1.4914	4.9594	3.0742	5.8867	6.3270	5.4460	7.6933	4.7172	3.8485	6.5993	67.8711	
	S	133.341	92.817	141.465	156.808	106.822	58.108	105.979	70.369	77.371	82.421	78.340	126.673	151.876	104.174	
22	T	5.1606	6.8019	5.6558	1.5065	4.8760	3.0366	5.5876	4.3042	4.5922	7.5260	4.6824	3.8396	6.5784	64.1478	
	S	137.537	93.824	140.805	155.236	108.649	58.828	111.651	103.440	91.756	84.253	78.922	126.966	152.358	110.220	
23	T	5.0665	6.7303	5.6376	1.5044	4.8813	2.9915	5.5590	4.2831	4.6150	7.4912	4.7182	3.8521	6.5844	63.9146	
	S	140.091	94.822	141.259	155.453	108.531	59.715	112.226	103.950	91.303	84.645	78.323	126.554	152.219	110.623	
24	T	5.0614	6.7103	5.6360	1.5025	4.8521	3.0242	5.6037	4.2956	4.5523	7.6158	4.6858	3.8356	6.5786	63.9539	
	S	140.232	95.105	141.299	155.650	109.184	59.069	111.331	103.647	92.561	83.260	78.865	127.099	152.353	110.555	
25	T	5.1287	9.2402													
	S	138.392	69.066													

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Round 15 / 16
 1.964 mile(s)
 Indy Lights
 August 30, 2019



Section Data for Car 79 - Malukas, David (R)

Lap	T/SPO to SF	SF to PI
20	T	
	S	
21	T	
	S	
22	T	
	S	
23	T	
	S	
24	T	60.9464
	S	102.944
25	T	
	S	

Event: Cooper Tires Indy Lights GP of Portland
Track: Portland International Raceway
Report: Section Data Report
Session: Practice 1

Round 15 / 16
1.964 mile(s)
Indy Lights
August 30, 2019



Section Data for Car

Report Support Information

Section Legend	
Name	Length
I9 to I10	0.197159 miles
I10 to I11	0.177273 miles
I11 to SF	0.221212 miles
SF to I1	0.064962 miles
I1 to I2A	0.147159 miles
I2A to I2	0.049621 miles
I2 to I3	0.173295 miles
I3 to I4	0.123674 miles
I4 to I5	0.117045 miles
I5 to I6	0.176136 miles
I6 to I7	0.102652 miles
I7 to I8	0.135417 miles
I8 to I9	0.278409 miles
I1 to I2	0.196780 miles
Lap	1.964000 miles
PI to PO	0.260795 miles
PO to SF	1.921970 miles
SF to PI	1.742803 miles
PO to I2A	0.170076 miles
I10 to PI	0.177273 miles
PO to PI	1.681818 miles

Color Legend	
	Fastest Lap
	Section Under Caution
	Section Under Green
	Section Time Data
	Section Speed Data

