



**10163 US HWY 31 North, Charlevoix, MI 49720 231-547-6584**

<b>Test Report Number:</b>	<b>05352</b>
<b>Date of Test:</b>	7/302015
<b>Manufacturer:</b>	ALP-LEXALITE
<b>Catalog Number:</b>	PLATFORM II
<b>Test Item:</b>	PLATFORM II WITH PLATFORM II POLYCARBONATE LENS
<b>Lamp:</b>	FLEXTRON LED BOARD WITH 120 LEDS, 5000K A2Z-D9R3200W964NFXXYY200ZZ-1205080
<b>Driver:</b>	INVENTRONICS EUC-096S280DT
<b>Operating Orientation:</b>	PENDENT
<b>Stabilization Time:</b>	0.70 HOURS
<b>Total Operating Time:</b>	1.50 HOURS
<b>Ambient Temperature:</b>	26.1C
<b>Power Factor:</b>	1.00
<b>Power:</b>	74.50 WATTS
<b>Voltage:</b>	119.94 VOLTS
<b>Current:</b>	0.62 AMPS
<b>Frequency:</b>	60.00
<b>Current THD:</b>	3.29%
<b>Note:</b>	DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED AT RATED INPUT VOLTAGE (120VAC, 60Hz) TO THE LED DRIVER
<b>Reference Standard:</b>	35 WATT INCANDESCENT
<b>Luminous Flux:</b>	6561.2 LUMENS
<b>Luminous Efficacy:</b>	88.07 LPW
<b>Test Distance:</b>	22.25 FEET
<b>Test Equipment:</b>	GONIOPHOTOMETER
<b>Test Method:</b>	N/A; AMBIENT TEMPERATURE OUT OF SPECIFICATION
<b>Technician:</b>	1860
<b>Spacing Criterion (0-180)</b>	2.25
<b>Spacing Criterion (90-270)</b>	2.27
<b>Spacing Criterion (diagonal)</b>	2.25
<b>Luminous Width (mm):</b>	324,1
<b>Luminous Length (mm):</b>	0
<b>Luminous Height/Depth (mm):</b>	137,9
<b>Sample Length (mm):</b>	324,1
<b>Sample Width (mm):</b>	0
<b>Sample Height (mm):</b>	229,4

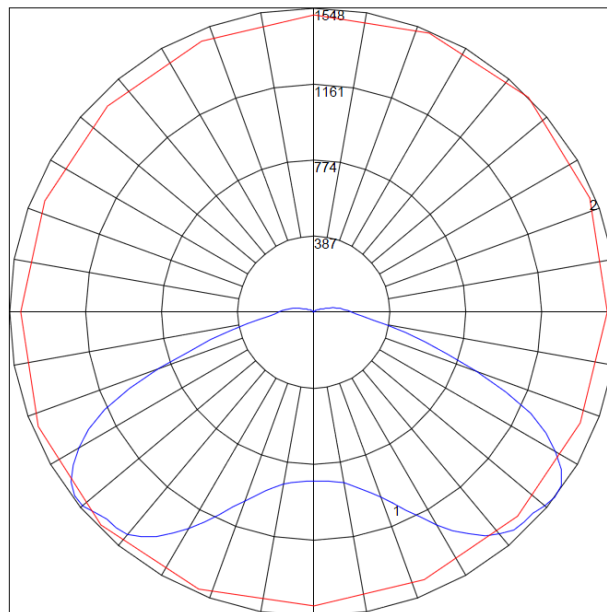


10163 US HWY 31 North, Charlevoix, MI 49720 231-547-6584

Test Report Number: 05352



POLAR GRAPH



Maximum Candela = 1547.6 Located At Horizontal Angle = 45, Vertical Angle = 52.5  
# 1 - Vertical Plane Through Horizontal Angles (45 - 225) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (52.5) (Through Max. Cd.)

Reference Only



10163 US HWY 31 North, Charlevoix, MI 49720 231-547-6584

Test Report Number: 05352

**Zonal Lumen Summary**

	Summary Zonal Lumens	Zonal Lumens - % Lamp	Zonal Lumens - % Fixture
<b>0-30</b>	873.96	N/A	13.30
<b>0-40</b>	1736.02	N/A	26.50
<b>0-60</b>	4194.88	N/A	63.90
<b>0-90</b>	6249.89	N/A	95.30
<b>90-120</b>	285.25	N/A	4.30
<b>90-130</b>	300.36	N/A	4.60
<b>90-150</b>	308.49	N/A	4.70
<b>90-180</b>	311.03	N/A	4.70
<b>0-180</b>	6560.92	N/A	100.00

**Zonal Lumen Summary**

Zone	Lumens
<b>0-10</b>	83.04
<b>10-20</b>	267.01
<b>20-30</b>	523.91
<b>30-40</b>	862.06
<b>40-50</b>	1143.57
<b>50-60</b>	1315.29
<b>60-70</b>	1161.23
<b>70-80</b>	616.36
<b>80-90</b>	277.42

Zone	Lumens
<b>90-100</b>	166.06
<b>100-110</b>	84.91
<b>110-120</b>	34.29
<b>120-130</b>	15.10
<b>130-140</b>	5.90
<b>140-150</b>	2.24
<b>150-160</b>	1.42
<b>160-170</b>	0.84
<b>170-180</b>	0.28



10163 US HWY 31 North, Charlevoix, MI 49720 231-547-6584

Test Report Number: 05352

**Coefficient of Utilization**

<b>RCC%</b>	80	80	80	80	70	70	70	70	50	50	50	50	30	30	30	30	10	10	10	10	0	0	0	0
<b>RW%</b>	70	50	30	0	70	50	30	0	70	50	30	0	70	50	30	0	70	50	30	0	70	50	30	0
<b>RFC%</b>	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
<b>RCR = 0</b>	1.18	1.18	1.18	1.18	1.15	1.15	1.15	1.15	1.08	1.08	1.08	1.08	1.03	1.03	1.03	1.03	0.98	0.98	0.98	0.98	0.95	0.95	0.95	0.95
<b>RCR = 1</b>	1.05	0.99	0.94	0.87	1.02	0.97	0.92	0.86	0.96	0.91	0.88	0.82	0.90	0.87	0.83	0.79	0.85	0.82	0.80	0.76	0.83	0.80	0.78	0.75
<b>RCR = 2</b>	0.94	0.84	0.76	0.66	0.91	0.82	0.74	0.65	0.85	0.77	0.71	0.63	0.79	0.73	0.68	0.61	0.74	0.69	0.65	0.60	0.72	0.68	0.64	0.59
<b>RCR = 3</b>	0.84	0.72	0.62	0.52	0.81	0.70	0.61	0.51	0.75	0.66	0.59	0.50	0.70	0.62	0.56	0.48	0.66	0.59	0.54	0.47	0.63	0.58	0.53	0.47
<b>RCR = 4</b>	0.76	0.62	0.52	0.41	0.73	0.60	0.51	0.41	0.68	0.57	0.49	0.40	0.63	0.54	0.47	0.39	0.59	0.51	0.45	0.38	0.57	0.50	0.44	0.38
<b>RCR = 5</b>	0.69	0.54	0.44	0.34	0.66	0.53	0.43	0.33	0.61	0.50	0.42	0.33	0.57	0.47	0.40	0.32	0.53	0.45	0.39	0.31	0.51	0.44	0.38	0.31
<b>RCR = 6</b>	0.63	0.48	0.38	0.28	0.60	0.47	0.37	0.28	0.56	0.44	0.36	0.27	0.52	0.42	0.35	0.27	0.49	0.40	0.33	0.26	0.47	0.39	0.33	0.26
<b>RCR = 7</b>	0.58	0.43	0.33	0.23	0.56	0.42	0.32	0.23	0.52	0.40	0.31	0.23	0.48	0.38	0.30	0.23	0.45	0.36	0.29	0.22	0.43	0.35	0.29	0.22
<b>RCR = 8</b>	0.53	0.38	0.29	0.20	0.51	0.37	0.29	0.20	0.48	0.36	0.28	0.20	0.44	0.34	0.27	0.19	0.42	0.32	0.26	0.19	0.40	0.32	0.25	0.19
<b>RCR = 9</b>	0.49	0.35	0.26	0.17	0.48	0.34	0.25	0.17	0.44	0.32	0.25	0.17	0.41	0.31	0.24	0.17	0.39	0.30	0.23	0.17	0.38	0.29	0.23	0.16
<b>RCR = 10</b>	0.46	0.32	0.23	0.15	0.44	0.31	0.23	0.15	0.41	0.30	0.22	0.15	0.39	0.28	0.21	0.15	0.36	0.27	0.21	0.14	0.35	0.27	0.21	0.14

**Candela Table (cd)**

	<b>0</b>	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5	360
<b>0</b>	861	861	861	861	861	861	861	861	861	861	861	861	861	861	861	861	861
<b>2.5</b>	861	862	861	861	859	857	859	859	861	862	863	863	865	863	862	861	861
<b>5</b>	868	864	862	862	862	861	862	863	865	868	869	869	868	867	867	867	868
<b>7.5</b>	867	870	870	868	867	866	865	866	871	874	876	877	877	871	870	869	867
<b>10</b>	878	879	881	881	878	876	877	877	884	887	889	887	886	882	880	881	878
<b>12.5</b>	898	899	903	904	899	896	896	900	906	907	911	912	908	903	901	900	898
<b>15</b>	925	928	932	931	927	922	924	926	933	936	940	939	936	932	929	927	925
<b>17.5</b>	958	964	964	967	958	956	958	958	969	976	979	974	970	970	963	962	958
<b>20</b>	999	1000	1004	1004	999	996	1000	1003	1014	1019	1022	1017	1010	1009	1006	1002	999
<b>22.5</b>	1050	1048	1052	1054	1048	1046	1046	1052	1068	1070	1074	1067	1061	1062	1056	1055	1050
<b>25</b>	1110	1109	1112	1115	1113	1108	1110	1118	1134	1136	1138	1135	1130	1130	1121	1119	1110
<b>27.5</b>	1175	1179	1177	1184	1177	1176	1181	1186	1202	1205	1203	1200	1198	1194	1192	1189	1175
<b>30</b>	1246	1247	1249	1252	1249	1246	1250	1249	1265	1269	1273	1265	1263	1261	1256	1255	1246
<b>32.5</b>	1317	1316	1318	1319	1318	1309	1314	1310	1327	1334	1333	1332	1326	1316	1315	1316	1317
<b>35</b>	1368	1371	1376	1377	1376	1363	1365	1358	1381	1388	1394	1388	1381	1374	1366	1368	1368
<b>37.5</b>	1424	1428	1436	1435	1426	1420	1405	1404	1421	1432	1441	1435	1425	1413	1413	1416	1424



**10163 US HWY 31 North, Charlevoix, MI 49720 231-547-6584**

**Test Report Number: 05352**

	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5	360
40	1453	1465	1473	1470	1466	1443	1432	1433	1451	1470	1479	1471	1463	1445	1435	1436	1453
42.5	1479	1492	1507	1503	1492	1473	1454	1455	1466	1483	1488	1489	1476	1455	1448	1448	1479
45	1476	1498	1512	1508	1490	1461	1450	1445	1454	1484	1492	1496	1474	1444	1437	1442	1476
47.5	1471	1504	1514	1510	1493	1464	1454	1455	1467	1502	1510	1517	1483	1452	1446	1452	1471
50	1485	1514	1534	1526	1501	1478	1471	1477	1482	1517	1534	1529	1495	1469	1468	1469	1485
52.5	1493	1522	1548	1537	1515	1495	1483	1481	1491	1517	1534	1526	1494	1472	1468	1469	1493
55	1482	1508	1539	1527	1506	1483	1471	1473	1471	1491	1509	1496	1471	1452	1443	1442	1482
57.5	1441	1463	1493	1479	1465	1457	1431	1436	1424	1449	1451	1444	1426	1416	1393	1400	1441
60	1390	1398	1421	1411	1404	1407	1378	1391	1372	1383	1382	1375	1357	1356	1331	1345	1390
62.5	1333	1321	1334	1330	1335	1339	1320	1326	1317	1302	1294	1293	1284	1279	1260	1272	1333
65	1225	1211	1219	1219	1246	1245	1243	1236	1211	1196	1173	1163	1175	1159	1158	1162	1225
67.5	1061	1068	1061	1068	1101	1112	1126	1116	1060	1053	1014	1000	1006	996	1001	1017	1061
70	870	880	880	896	915	937	954	951	873	873	836	832	818	821	816	830	870
72.5	701	706	713	722	730	751	756	757	701	690	670	670	657	663	650	658	701
75	574	574	587	586	590	604	605	607	571	558	544	543	537	538	527	531	574
77.5	459	462	476	475	477	483	485	485	453	444	435	431	429	430	421	421	459
80	365	367	378	377	380	383	384	380	358	352	343	343	343	342	337	335	365
82.5	294	297	301	304	307	307	308	306	286	284	276	276	278	277	274	273	294
85	246	248	249	252	255	255	255	254	238	236	231	230	233	233	232	231	246
87.5	214	215	216	218	220	220	221	220	207	205	201	200	203	204	204	204	214
90	192	192	192	194	197	196	198	196	185	182	178	178	181	182	184	183	192
92.5	173	173	173	175	178	177	179	176	166	163	160	160	163	165	167	165	173
95	156	155	155	158	160	160	161	159	149	146	143	143	145	148	149	148	156
97.5	138	138	138	140	142	143	143	141	132	129	127	126	128	130	131	130	138
100	119	119	120	122	124	124	125	122	114	111	109	109	110	111	111	111	119
102.5	99	99	101	102	104	104	105	102	95	92	91	91	91	91	91	91	99
105	80	80	82	83	84	85	85	83	77	74	74	73	73	73	73	73	80
107.5	63	64	65	67	67	67	67	66	61	59	59	58	58	58	57	58	63
110	50	51	52	53	54	54	54	53	49	48	47	47	47	46	46	46	50
112.5	41	41	42	43	43	44	43	43	40	39	38	38	38	38	37	37	41
115	34	34	35	35	36	36	36	35	33	32	31	31	31	31	31	31	34
117.5	28	28	29	30	30	30	30	30	27	26	26	26	26	26	26	26	28
120	23	24	24	25	25	25	25	25	23	22	22	21	21	22	22	22	23
122.5	20	20	20	21	21	22	22	21	19	18	18	18	18	18	18	18	20
125	17	17	17	18	18	18	18	18	16	15	15	15	15	15	15	15	17

Reference Only



**10163 US HWY 31 North, Charlevoix, MI 49720 231-547-6584**

**Test Report Number: 05352**

	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5	360
127.5	14	14	15	15	15	16	16	15	14	13	12	12	12	12	13	13	14
130	12	12	12	13	13	13	13	13	11	10	10	10	10	10	10	10	12
132.5	10	10	10	10	11	11	11	11	9	8	8	7	8	8	8	8	10
135	8	8	8	8	9	9	9	8	7	6	6	6	6	6	6	6	8
137.5	6	6	6	7	7	7	7	7	5	5	5	5	5	5	5	5	6
140	5	5	5	5	6	6	5	5	4	4	4	4	4	4	4	4	5
142.5	4	4	4	4	5	5	4	4	4	3	3	3	3	3	3	3	4
145	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	4
147.5	3	3	4	4	3	4	4	3	3	3	3	3	3	3	3	3	3
150	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3
152.5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
155	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
157.5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
160	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
162.5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
165	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
167.5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
170	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
172.5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
175	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
177.5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
180	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3