

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P626630 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-740-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P626630 (CONVERTED FROM TYPE C PHOTOMETRY)
 TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
 Test Lab: COOPER LIGHTING SOLUTIONS
 Issue Date: 12/7/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: MCGRAW-EDISON
 Catalog Number: GFLD-SA1B-740-U-VWR-VSR-XX
 Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
 Light Source: (16) 4000K CCT, 70 CRI LEDS
 Ballast/Driver: -

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	3574.6 lumens	Max Intensity:	2678.5 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	106.7 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	2068.1 lumens	Field Lumens:	3392 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	33.5		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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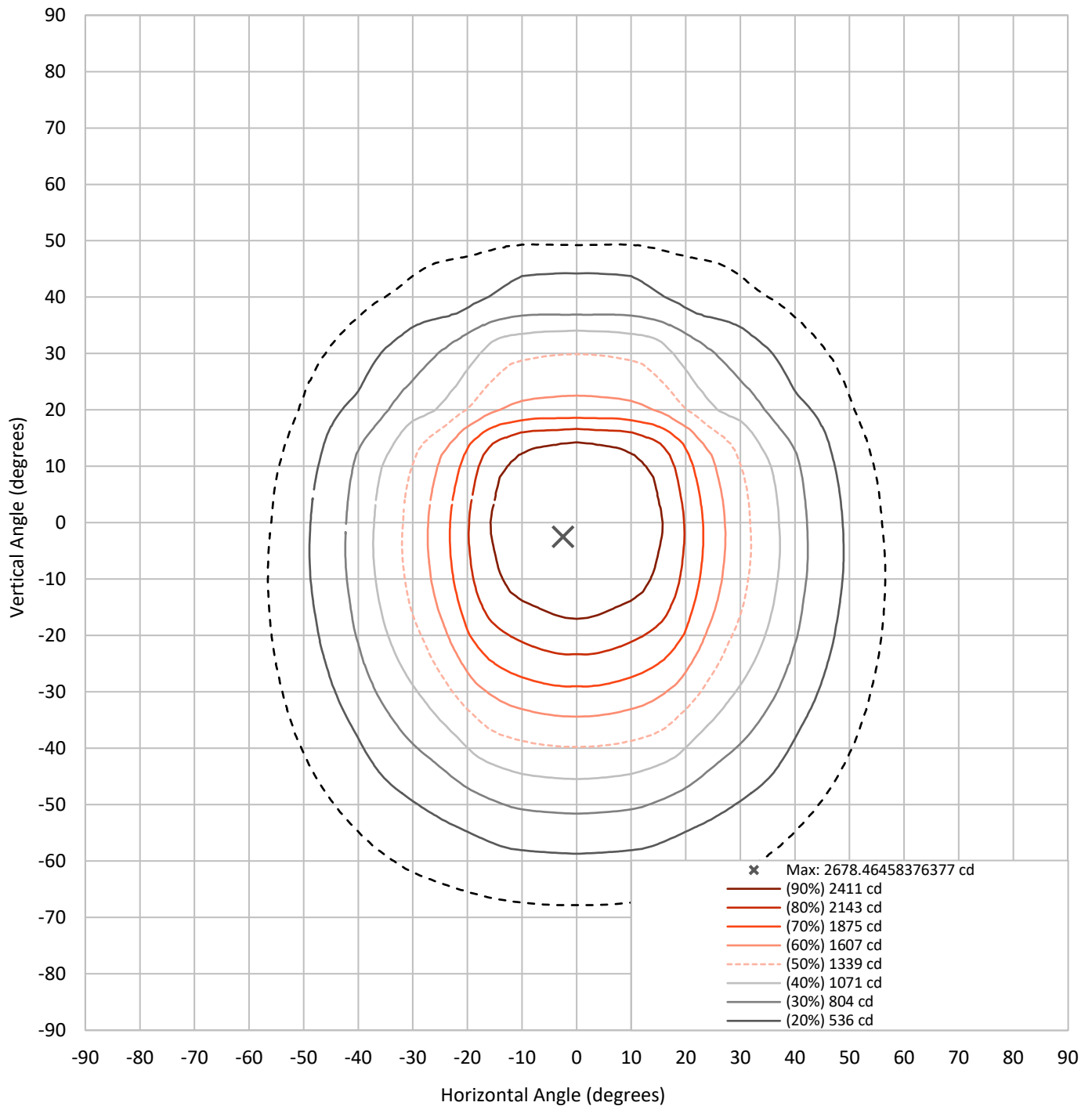
Scaled Data Report



REPORT NUMBER: P626630 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-VWR-VSR-XX

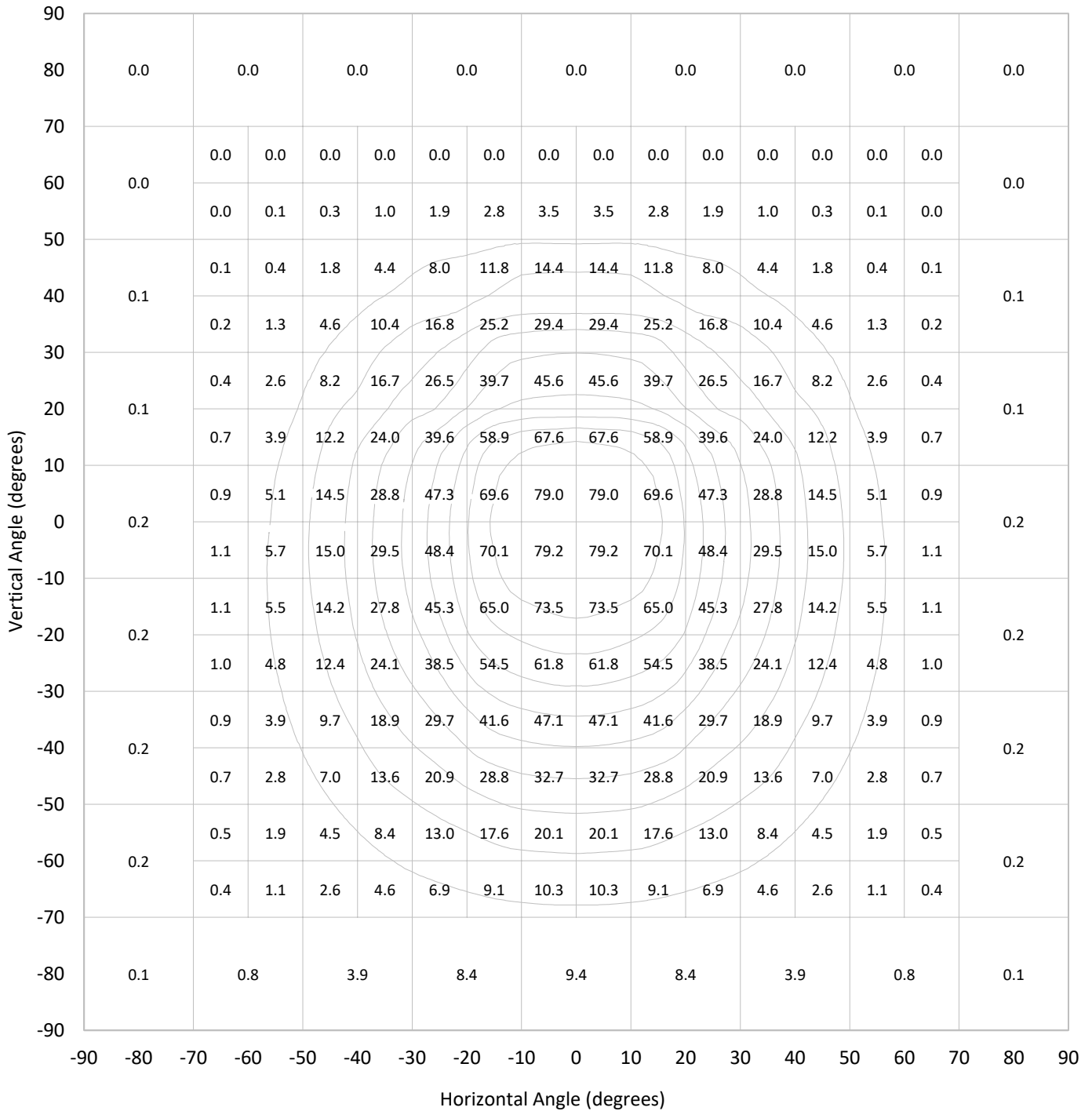
Iso-Candela Plot





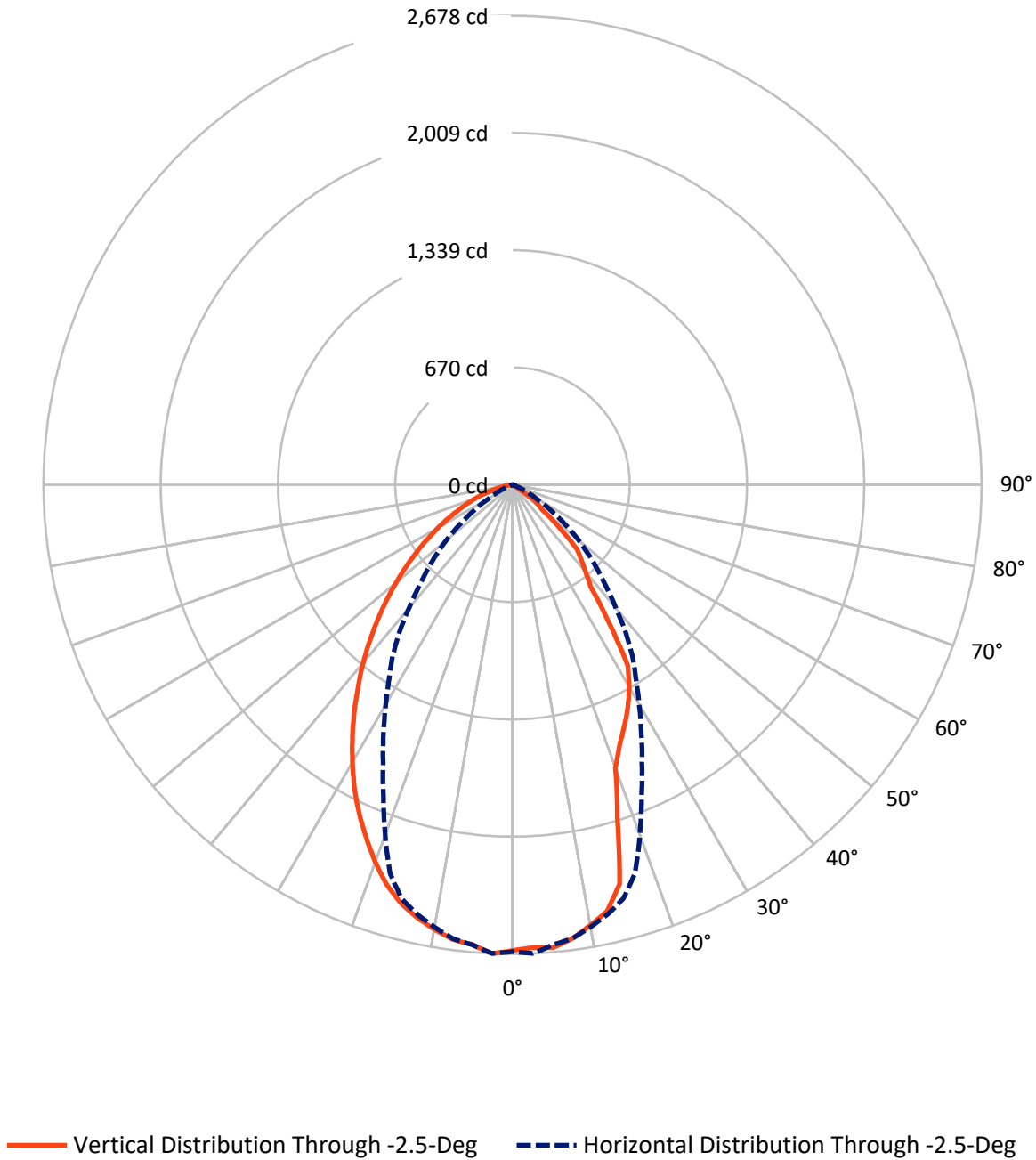
REPORT NUMBER: P626630 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



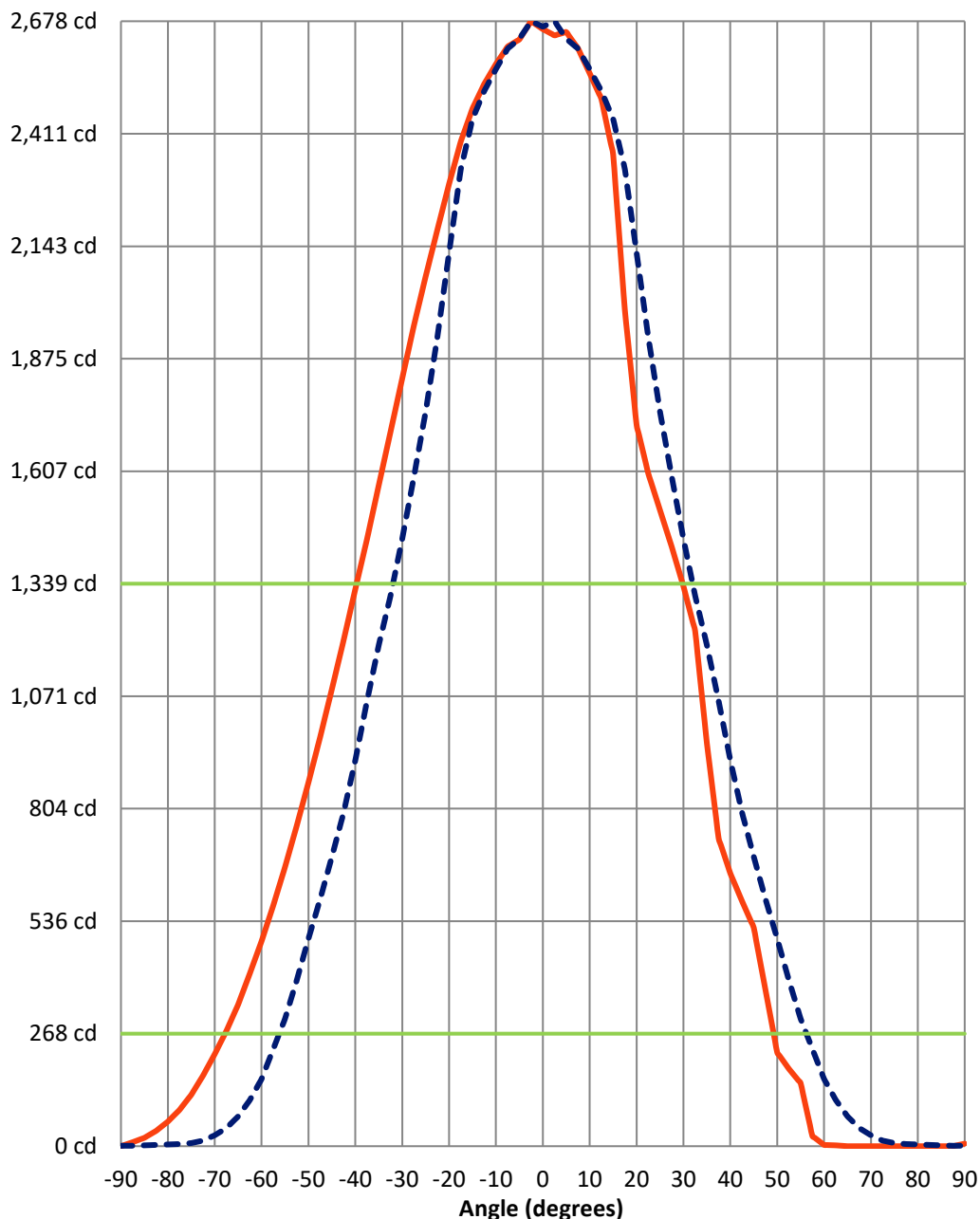
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CATALOG NUMBER: GFLD-SA1B-740-U-VWR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 2068.1
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 3392
 Efficiency: 94.9%

Spill:
 Lumens: 182.6
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg
 - - Horizontal Distribution through -2.5-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	1	1	1	1	2	2	2	2	3	3	3
87.5°	1	1	1	1	1	1	1	1	0	0	0
85°	1	1	1	1	1	1	0	0	0	0	0
82.5°	1	1	1	1	1	1	0	0	0	0	0
80°	1	1	1	1	1	0	0	0	0	1	1
77.5°	1	1	1	1	1	0	0	0	1	1	1
75°	1	1	1	1	1	0	1	1	1	1	1
72.5°	1	1	1	1	1	1	1	1	1	1	0
70°	1	1	1	1	1	1	1	1	1	0	0
67.5°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	2	1
60°	1	1	1	1	1	1	1	1	2	2	2
57.5°	1	1	1	1	1	1	1	2	2	2	2
55°	1	1	1	1	1	1	2	2	2	2	2
52.5°	1	1	1	1	1	2	2	2	3	3	3
50°	1	1	1	1	1	2	2	3	3	3	3
47.5°	1	1	1	1	2	2	2	3	3	4	4
45°	1	1	1	1	2	2	3	3	4	4	4
42.5°	1	1	1	1	2	2	3	3	4	4	5
40°	1	1	1	1	2	3	3	4	4	5	6
37.5°	1	1	1	1	2	3	3	4	5	6	7
35°	1	1	1	2	2	3	4	5	5	7	9
32.5°	1	1	1	2	2	3	4	5	6	8	13
30°	1	1	1	2	2	3	4	5	6	10	17
27.5°	1	1	1	2	3	3	4	6	7	12	21
25°	1	1	1	2	3	3	5	6	9	15	24
22.5°	1	1	2	2	3	4	5	6	10	18	29
20°	1	1	2	2	3	4	5	7	12	20	34
17.5°	1	1	2	2	3	4	6	7	13	23	39
15°	1	1	2	3	3	4	6	8	15	26	43
12.5°	1	1	2	3	3	4	6	8	17	28	48
10°	1	1	2	3	4	4	6	9	19	31	52
7.5°	1	1	2	3	4	5	6	10	20	33	57
5°	1	1	2	3	4	5	7	11	22	36	61
2.5°	1	1	2	3	4	5	7	11	24	38	65
0°	1	1	2	3	4	5	7	12	25	40	68
-2.5°	1	1	2	3	4	5	7	13	26	43	71
-5°	1	1	2	3	4	5	8	14	27	46	73
-7.5°	1	1	2	3	4	5	8	15	27	48	75
-10°	1	1	2	3	4	5	8	16	28	50	77
-12.5°	1	1	2	3	4	5	9	17	28	51	78
-15°	1	1	2	3	4	5	9	17	29	51	78
-17.5°	1	1	2	3	4	6	9	17	30	50	78
-20°	1	1	2	3	4	6	9	18	30	49	76

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CATALOG NUMBER: GFLD-SA1B-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	1	1	2	3	4	6	9	18	30	48	74
-25°	1	1	2	3	4	6	10	18	30	46	70
-27.5°	1	1	2	3	4	6	10	18	30	45	68
-30°	1	1	2	3	4	7	11	17	29	44	65
-32.5°	1	1	2	3	4	7	11	17	29	43	62
-35°	1	1	2	2	4	7	11	17	28	41	58
-37.5°	1	1	2	2	4	8	11	17	26	39	57
-40°	1	1	2	2	4	8	11	17	25	37	55
-42.5°	1	1	1	2	4	8	12	17	24	36	52
-45°	1	1	1	2	4	8	11	16	23	34	49
-47.5°	1	1	1	2	4	7	11	16	22	32	46
-50°	1	1	1	2	4	7	11	16	22	31	43
-52.5°	1	1	1	2	4	7	11	15	21	30	39
-55°	1	1	1	2	4	7	10	14	21	28	38
-57.5°	1	1	1	2	4	6	10	14	20	27	36
-60°	1	1	1	2	3	6	9	13	18	25	34
-62.5°	1	1	1	2	3	5	9	12	17	23	31
-65°	1	1	1	2	3	5	8	11	15	21	28
-67.5°	1	1	1	2	3	4	7	10	13	18	24
-70°	1	1	1	1	3	4	6	8	11	14	19
-72.5°	1	1	1	1	2	4	5	7	9	12	15
-75°	1	1	1	1	2	3	4	6	7	9	12
-77.5°	1	1	1	1	2	3	4	5	6	7	9
-80°	1	1	1	1	2	2	3	4	5	6	7
-82.5°	1	1	1	1	2	2	3	3	4	4	5
-85°	1	1	1	1	2	2	3	3	3	4	4
-87.5°	1	1	1	1	2	2	2	3	3	3	3
-90°	1	1	1	1	1	1	1	1	0	0	0



REPORT NUMBER: P626630 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	3	3	3	3	3	3	3	3	3	4	4
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	1	1	0	0	0	0	0	0	0	0	0
77.5°	1	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	1	1	0	0	0	0	0	0	0	0	0
67.5°	1	1	0	0	0	1	0	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	2	2	2	2	1	1	2
60°	1	2	2	2	2	2	2	2	3	3	6
57.5°	2	2	2	3	3	3	3	3	8	13	14
55°	3	3	3	4	4	4	5	12	17	24	27
52.5°	3	3	4	5	5	8	14	22	31	39	49
50°	4	4	5	6	9	17	26	37	50	62	75
47.5°	4	5	6	9	19	29	41	59	75	90	108
45°	6	7	9	18	29	42	63	85	100	120	151
42.5°	7	10	17	28	41	62	88	107	126	159	191
40°	9	14	25	38	55	85	112	134	160	196	230
37.5°	13	21	33	50	77	110	139	170	200	234	297
35°	17	28	44	66	99	138	172	206	242	308	370
32.5°	22	34	56	85	123	166	205	245	301	377	439
30°	27	44	69	103	145	191	239	287	361	424	491
27.5°	33	54	84	122	166	215	269	337	404	465	540
25°	39	65	98	139	187	241	303	386	438	506	584
22.5°	47	76	112	155	206	267	347	430	491	549	624
20°	55	87	127	176	225	293	390	477	550	616	685
17.5°	63	98	143	196	252	326	433	529	609	682	769
15°	71	108	159	216	279	364	471	577	668	750	849
12.5°	78	118	174	234	304	397	503	607	707	814	926
10°	84	126	189	251	328	425	529	631	732	846	970
7.5°	91	134	202	266	349	447	551	651	753	871	999
5°	97	141	212	277	365	465	566	666	768	890	1020
2.5°	102	147	221	285	378	478	577	679	780	905	1037
0°	107	152	227	292	387	488	583	687	787	916	1048
-2.5°	110	160	231	304	395	494	588	689	794	919	1060
-5°	112	167	234	312	400	497	590	687	796	918	1062
-7.5°	113	171	235	317	402	495	587	684	793	915	1054
-10°	114	173	237	316	400	490	580	676	784	905	1039
-12.5°	116	172	237	313	394	482	570	664	769	888	1018
-15°	116	170	234	308	386	471	557	646	750	871	995
-17.5°	115	166	228	301	376	458	542	631	733	851	971
-20°	113	162	220	294	363	444	526	614	713	824	944

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REPORT NUMBER: P626630 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	108	158	211	283	352	428	508	592	687	788	907
-25°	104	152	204	269	339	408	487	565	658	757	862
-27.5°	99	144	196	253	323	388	464	540	625	722	819
-30°	94	136	187	238	304	369	437	512	588	681	776
-32.5°	89	127	177	227	284	347	409	480	555	633	728
-35°	85	122	166	214	264	324	382	444	516	590	673
-37.5°	83	116	155	200	248	299	354	411	474	548	626
-40°	79	110	146	187	229	275	327	378	433	505	582
-42.5°	73	103	138	172	211	253	299	347	400	463	534
-45°	69	95	129	160	192	231	273	317	367	421	484
-47.5°	64	86	117	146	174	207	247	288	332	381	433
-50°	58	79	103	131	158	186	219	257	297	340	386
-52.5°	54	70	92	116	141	166	195	228	263	299	339
-55°	49	64	82	103	125	148	174	203	232	264	297
-57.5°	45	58	74	92	111	131	155	180	207	234	261
-60°	43	52	66	81	99	117	137	160	183	205	228
-62.5°	40	48	58	71	87	103	121	140	161	180	198
-65°	36	43	52	62	75	88	103	120	138	153	168
-67.5°	31	37	45	53	64	74	85	99	114	126	138
-70°	26	31	37	44	52	61	71	81	91	101	112
-72.5°	20	25	30	35	41	49	57	65	74	82	91
-75°	15	18	23	27	32	37	42	49	57	65	73
-77.5°	11	14	17	20	23	27	30	35	41	49	57
-80°	8	10	12	15	17	19	21	23	28	34	41
-82.5°	6	7	8	10	11	12	13	14	18	22	27
-85°	4	4	5	6	7	7	8	8	10	13	15
-87.5°	4	4	4	4	4	4	4	4	5	6	7
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626630 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	4	4	5	5	5	5	6	6	6	6	6
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	1	1	0	0	0	0	0	0	0	0
65°	1	1	1	0	0	0	1	1	1	1	1
62.5°	2	1	1	2	2	2	2	2	2	2	2
60°	6	4	5	6	5	4	6	7	6	4	4
57.5°	15	14	17	24	27	24	29	35	35	30	30
55°	32	43	56	58	67	86	100	94	94	98	114
52.5°	61	71	75	85	104	118	127	136	146	157	167
50°	89	99	110	121	147	162	159	178	203	218	226
47.5°	131	146	170	208	228	242	260	282	310	348	377
45°	180	204	241	281	312	326	346	380	425	468	500
42.5°	219	253	295	333	358	381	408	436	487	534	571
40°	272	298	345	381	403	426	468	510	559	602	632
37.5°	338	368	416	457	479	487	558	617	656	711	730
35°	409	458	520	573	594	636	709	792	881	914	942
32.5°	488	549	633	690	720	784	877	965	1081	1145	1164
30°	561	630	703	758	809	887	971	1079	1187	1268	1293
27.5°	614	691	760	812	870	954	1059	1169	1275	1357	1387
25°	665	751	807	867	935	1026	1143	1265	1369	1439	1475
22.5°	722	808	867	918	1008	1112	1220	1358	1469	1525	1564
20°	782	879	971	1018	1095	1228	1349	1479	1586	1644	1685
17.5°	865	989	1101	1168	1251	1409	1561	1692	1841	1893	1943
15°	953	1096	1228	1333	1441	1597	1792	1951	2121	2196	2282
12.5°	1041	1176	1295	1432	1583	1721	1907	2105	2258	2355	2412
10°	1106	1231	1346	1483	1634	1791	1975	2178	2339	2421	2468
7.5°	1141	1261	1382	1521	1671	1838	2028	2229	2394	2474	2520
5°	1167	1283	1408	1554	1706	1875	2065	2264	2414	2499	2557
2.5°	1183	1296	1425	1576	1728	1904	2103	2309	2440	2509	2562
0°	1188	1302	1434	1587	1743	1921	2118	2322	2455	2521	2576
-2.5°	1193	1310	1446	1594	1749	1926	2127	2326	2446	2512	2564
-5°	1189	1311	1446	1588	1744	1920	2113	2299	2424	2496	2548
-7.5°	1179	1302	1436	1572	1725	1903	2095	2274	2401	2477	2534
-10°	1163	1283	1417	1556	1706	1876	2065	2243	2364	2445	2511
-12.5°	1146	1263	1393	1525	1674	1842	2025	2194	2314	2402	2449
-15°	1120	1237	1361	1489	1635	1797	1972	2134	2252	2324	2376
-17.5°	1087	1202	1320	1441	1578	1738	1915	2074	2170	2234	2286
-20°	1052	1158	1270	1385	1517	1676	1849	1988	2079	2140	2189

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CATALOG NUMBER: GFLD-SA1B-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1012	1115	1217	1326	1456	1602	1755	1889	1987	2043	2087
-25°	966	1066	1163	1269	1388	1519	1661	1793	1881	1940	1985
-27.5°	917	1011	1106	1201	1308	1438	1570	1692	1767	1827	1872
-30°	868	952	1040	1130	1231	1348	1471	1574	1653	1711	1753
-32.5°	815	895	972	1056	1152	1255	1363	1461	1545	1599	1634
-35°	760	838	909	985	1069	1158	1258	1355	1438	1480	1514
-37.5°	704	781	848	912	984	1067	1164	1256	1328	1364	1395
-40°	654	722	783	844	902	976	1067	1156	1214	1249	1277
-42.5°	606	664	713	768	827	899	972	1047	1093	1133	1163
-45°	550	602	648	694	747	813	880	940	983	1021	1050
-47.5°	489	538	583	624	674	729	785	835	878	915	941
-50°	431	475	519	561	604	648	694	738	778	815	837
-52.5°	380	420	459	495	533	570	608	648	686	720	738
-55°	333	370	404	435	465	495	527	564	599	631	643
-57.5°	291	323	353	379	404	427	456	487	517	545	555
-60°	253	278	303	326	348	368	393	418	442	463	472
-62.5°	217	239	258	277	295	313	333	353	373	389	397
-65°	183	200	216	231	246	261	277	292	307	318	325
-67.5°	151	164	176	188	201	213	225	237	248	257	263
-70°	123	133	142	152	162	172	181	190	198	205	210
-72.5°	99	107	115	124	132	140	146	153	159	162	165
-75°	80	86	94	101	108	113	118	123	127	128	127
-77.5°	64	70	76	82	87	91	94	97	100	98	95
-80°	47	52	57	62	67	69	70	71	72	70	67
-82.5°	31	35	38	41	44	45	46	47	48	46	43
-85°	17	19	21	22	24	24	25	26	27	26	24
-87.5°	7	8	8	8	9	9	9	10	10	10	10
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626630 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	6	6	6	6	6	6	6	6	6	6	6
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	1	1	1	1
62.5°	2	2	2	2	2	2	2	2	2	2	2
60°	4	3	3	3	3	3	4	4	4	6	7
57.5°	28	24	24	27	24	24	28	30	30	35	35
55°	130	145	150	147	150	145	130	114	98	94	94
52.5°	176	182	184	184	184	182	176	167	157	146	136
50°	229	226	223	220	223	226	229	226	218	203	178
47.5°	381	375	372	377	372	375	381	377	348	310	282
45°	507	514	520	520	520	514	507	500	468	425	380
42.5°	578	582	583	582	583	582	578	571	534	487	436
40°	642	647	649	652	649	647	642	632	602	559	510
37.5°	736	737	733	731	733	737	736	730	711	656	617
35°	966	970	959	971	959	970	966	942	914	881	792
32.5°	1186	1208	1226	1241	1226	1208	1186	1164	1145	1081	965
30°	1311	1325	1333	1335	1333	1325	1311	1293	1268	1187	1079
27.5°	1403	1418	1427	1434	1427	1418	1403	1387	1357	1275	1169
25°	1491	1505	1514	1518	1514	1505	1491	1475	1439	1369	1265
22.5°	1583	1592	1601	1606	1601	1592	1583	1564	1525	1469	1358
20°	1715	1709	1718	1715	1718	1709	1715	1685	1644	1586	1479
17.5°	1983	1985	1991	2000	1991	1985	1983	1943	1893	1841	1692
15°	2320	2326	2361	2392	2361	2326	2320	2282	2196	2121	1951
12.5°	2466	2489	2493	2502	2493	2489	2466	2412	2355	2258	2105
10°	2515	2555	2554	2565	2554	2555	2515	2468	2421	2339	2178
7.5°	2552	2595	2614	2622	2614	2595	2552	2520	2474	2394	2229
5°	2597	2621	2653	2644	2653	2621	2597	2557	2499	2414	2264
2.5°	2616	2653	2645	2654	2645	2653	2616	2562	2509	2440	2309
0°	2629	2656	2660	2669	2660	2656	2629	2576	2521	2455	2322
-2.5°	2613	2637	2678	2666	2678	2637	2613	2564	2512	2446	2326
-5°	2599	2658	2635	2664	2635	2658	2599	2548	2496	2424	2299
-7.5°	2592	2603	2618	2640	2618	2603	2592	2534	2477	2401	2274
-10°	2538	2549	2577	2592	2577	2549	2538	2511	2445	2364	2243
-12.5°	2479	2500	2529	2539	2529	2500	2479	2449	2402	2314	2194
-15°	2412	2442	2471	2477	2471	2442	2412	2376	2324	2252	2134
-17.5°	2325	2362	2392	2399	2392	2362	2325	2286	2234	2170	2074
-20°	2230	2266	2291	2299	2291	2266	2230	2189	2140	2079	1988

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P626630 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2129	2160	2182	2179	2182	2160	2129	2087	2043	1987	1889
-25°	2021	2050	2071	2068	2071	2050	2021	1985	1940	1881	1793
-27.5°	1906	1934	1954	1955	1954	1934	1906	1872	1827	1767	1692
-30°	1787	1812	1828	1822	1828	1812	1787	1753	1711	1653	1574
-32.5°	1663	1686	1700	1705	1700	1686	1663	1634	1599	1545	1461
-35°	1541	1561	1574	1577	1574	1561	1541	1514	1480	1438	1355
-37.5°	1420	1437	1446	1442	1446	1437	1420	1395	1364	1328	1256
-40°	1300	1316	1326	1329	1326	1316	1300	1277	1249	1214	1156
-42.5°	1182	1196	1205	1209	1205	1196	1182	1163	1133	1093	1047
-45°	1068	1080	1088	1093	1088	1080	1068	1050	1021	983	940
-47.5°	956	967	974	978	974	967	956	941	915	878	835
-50°	850	859	866	870	866	859	850	837	815	778	738
-52.5°	749	757	763	766	763	757	749	738	720	686	648
-55°	653	659	665	668	665	659	653	643	631	599	564
-57.5°	563	568	573	577	573	568	563	555	545	517	487
-60°	479	484	488	491	488	484	479	472	463	442	418
-62.5°	403	407	411	414	411	407	403	397	389	373	353
-65°	330	334	337	339	337	334	330	325	318	307	292
-67.5°	269	274	275	274	275	274	269	263	257	248	237
-70°	214	218	219	219	219	218	214	210	205	198	190
-72.5°	168	170	168	165	168	170	168	165	162	159	153
-75°	126	124	122	120	122	124	126	127	128	127	123
-77.5°	92	89	86	84	86	89	92	95	98	100	97
-80°	64	61	58	56	58	61	64	67	70	72	71
-82.5°	41	38	36	35	36	38	41	43	46	48	47
-85°	23	21	20	19	20	21	23	24	26	27	26
-87.5°	10	10	9	9	9	10	10	10	10	10	10
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626630 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	6	5	5	5	5	4	4	4	4	3	3
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	1	1	0	1	1	1	1
65°	1	0	0	0	1	1	1	1	1	1	1
62.5°	2	2	2	2	1	1	2	2	1	1	2
60°	6	4	5	6	5	4	6	6	3	3	2
57.5°	29	24	27	24	17	14	15	14	13	8	3
55°	100	86	67	58	56	43	32	27	24	17	12
52.5°	127	118	104	85	75	71	61	49	39	31	22
50°	159	162	147	121	110	99	89	75	62	50	37
47.5°	260	242	228	208	170	146	131	108	90	75	59
45°	346	326	312	281	241	204	180	151	120	100	85
42.5°	408	381	358	333	295	253	219	191	159	126	107
40°	468	426	403	381	345	298	272	230	196	160	134
37.5°	558	487	479	457	416	368	338	297	234	200	170
35°	709	636	594	573	520	458	409	370	308	242	206
32.5°	877	784	720	690	633	549	488	439	377	301	245
30°	971	887	809	758	703	630	561	491	424	361	287
27.5°	1059	954	870	812	760	691	614	540	465	404	337
25°	1143	1026	935	867	807	751	665	584	506	438	386
22.5°	1220	1112	1008	918	867	808	722	624	549	491	430
20°	1349	1228	1095	1018	971	879	782	685	616	550	477
17.5°	1561	1409	1251	1168	1101	989	865	769	682	609	529
15°	1792	1597	1441	1333	1228	1096	953	849	750	668	577
12.5°	1907	1721	1583	1432	1295	1176	1041	926	814	707	607
10°	1975	1791	1634	1483	1346	1231	1106	970	846	732	631
7.5°	2028	1838	1671	1521	1382	1261	1141	999	871	753	651
5°	2065	1875	1706	1554	1408	1283	1167	1020	890	768	666
2.5°	2103	1904	1728	1576	1425	1296	1183	1037	905	780	679
0°	2118	1921	1743	1587	1434	1302	1188	1048	916	787	687
-2.5°	2127	1926	1749	1594	1446	1310	1193	1060	919	794	689
-5°	2113	1920	1744	1588	1446	1311	1189	1062	918	796	687
-7.5°	2095	1903	1725	1572	1436	1302	1179	1054	915	793	684
-10°	2065	1876	1706	1556	1417	1283	1163	1039	905	784	676
-12.5°	2025	1842	1674	1525	1393	1263	1146	1018	888	769	664
-15°	1972	1797	1635	1489	1361	1237	1120	995	871	750	646
-17.5°	1915	1738	1578	1441	1320	1202	1087	971	851	733	631
-20°	1849	1676	1517	1385	1270	1158	1052	944	824	713	614

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REPORT NUMBER: P626630 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1755	1602	1456	1326	1217	1115	1012	907	788	687	592
-25°	1661	1519	1388	1269	1163	1066	966	862	757	658	565
-27.5°	1570	1438	1308	1201	1106	1011	917	819	722	625	540
-30°	1471	1348	1231	1130	1040	952	868	776	681	588	512
-32.5°	1363	1255	1152	1056	972	895	815	728	633	555	480
-35°	1258	1158	1069	985	909	838	760	673	590	516	444
-37.5°	1164	1067	984	912	848	781	704	626	548	474	411
-40°	1067	976	902	844	783	722	654	582	505	433	378
-42.5°	972	899	827	768	713	664	606	534	463	400	347
-45°	880	813	747	694	648	602	550	484	421	367	317
-47.5°	785	729	674	624	583	538	489	433	381	332	288
-50°	694	648	604	561	519	475	431	386	340	297	257
-52.5°	608	570	533	495	459	420	380	339	299	263	228
-55°	527	495	465	435	404	370	333	297	264	232	203
-57.5°	456	427	404	379	353	323	291	261	234	207	180
-60°	393	368	348	326	303	278	253	228	205	183	160
-62.5°	333	313	295	277	258	239	217	198	180	161	140
-65°	277	261	246	231	216	200	183	168	153	138	120
-67.5°	225	213	201	188	176	164	151	138	126	114	99
-70°	181	172	162	152	142	133	123	112	101	91	81
-72.5°	146	140	132	124	115	107	99	91	82	74	65
-75°	118	113	108	101	94	86	80	73	65	57	49
-77.5°	94	91	87	82	76	70	64	57	49	41	35
-80°	70	69	67	62	57	52	47	41	34	28	23
-82.5°	46	45	44	41	38	35	31	27	22	18	14
-85°	25	24	24	22	21	19	17	15	13	10	8
-87.5°	9	9	9	8	8	8	7	7	6	5	4
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626630 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	3	3	3	3	3	3	3	3	3	3	2
87.5°	0	0	0	0	0	0	0	0	0	0	1
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	1	1	1	1	0	0
77.5°	0	0	0	0	0	0	1	1	1	1	0
75°	0	0	0	0	0	0	0	1	1	1	1
72.5°	0	0	0	0	0	0	0	0	1	1	1
70°	0	0	0	0	0	1	1	0	0	1	1
67.5°	0	1	0	0	0	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
62.5°	2	2	2	1	1	1	1	1	2	1	1
60°	2	2	2	2	2	2	1	2	2	2	1
57.5°	3	3	3	3	2	2	2	2	2	2	2
55°	5	4	4	4	3	3	3	2	2	2	2
52.5°	14	8	5	5	4	3	3	3	3	3	2
50°	26	17	9	6	5	4	4	3	3	3	3
47.5°	41	29	19	9	6	5	4	4	4	3	3
45°	63	42	29	18	9	7	6	4	4	4	3
42.5°	88	62	41	28	17	10	7	5	4	4	3
40°	112	85	55	38	25	14	9	6	5	4	4
37.5°	139	110	77	50	33	21	13	7	6	5	4
35°	172	138	99	66	44	28	17	9	7	5	5
32.5°	205	166	123	85	56	34	22	13	8	6	5
30°	239	191	145	103	69	44	27	17	10	6	5
27.5°	269	215	166	122	84	54	33	21	12	7	6
25°	303	241	187	139	98	65	39	24	15	9	6
22.5°	347	267	206	155	112	76	47	29	18	10	6
20°	390	293	225	176	127	87	55	34	20	12	7
17.5°	433	326	252	196	143	98	63	39	23	13	7
15°	471	364	279	216	159	108	71	43	26	15	8
12.5°	503	397	304	234	174	118	78	48	28	17	8
10°	529	425	328	251	189	126	84	52	31	19	9
7.5°	551	447	349	266	202	134	91	57	33	20	10
5°	566	465	365	277	212	141	97	61	36	22	11
2.5°	577	478	378	285	221	147	102	65	38	24	11
0°	583	488	387	292	227	152	107	68	40	25	12
-2.5°	588	494	395	304	231	160	110	71	43	26	13
-5°	590	497	400	312	234	167	112	73	46	27	14
-7.5°	587	495	402	317	235	171	113	75	48	27	15
-10°	580	490	400	316	237	173	114	77	50	28	16
-12.5°	570	482	394	313	237	172	116	78	51	28	17
-15°	557	471	386	308	234	170	116	78	51	29	17
-17.5°	542	458	376	301	228	166	115	78	50	30	17
-20°	526	444	363	294	220	162	113	76	49	30	18

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REPORT NUMBER: P626630 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	508	428	352	283	211	158	108	74	48	30	18
-25°	487	408	339	269	204	152	104	70	46	30	18
-27.5°	464	388	323	253	196	144	99	68	45	30	18
-30°	437	369	304	238	187	136	94	65	44	29	17
-32.5°	409	347	284	227	177	127	89	62	43	29	17
-35°	382	324	264	214	166	122	85	58	41	28	17
-37.5°	354	299	248	200	155	116	83	57	39	26	17
-40°	327	275	229	187	146	110	79	55	37	25	17
-42.5°	299	253	211	172	138	103	73	52	36	24	17
-45°	273	231	192	160	129	95	69	49	34	23	16
-47.5°	247	207	174	146	117	86	64	46	32	22	16
-50°	219	186	158	131	103	79	58	43	31	22	16
-52.5°	195	166	141	116	92	70	54	39	30	21	15
-55°	174	148	125	103	82	64	49	38	28	21	14
-57.5°	155	131	111	92	74	58	45	36	27	20	14
-60°	137	117	99	81	66	52	43	34	25	18	13
-62.5°	121	103	87	71	58	48	40	31	23	17	12
-65°	103	88	75	62	52	43	36	28	21	15	11
-67.5°	85	74	64	53	45	37	31	24	18	13	10
-70°	71	61	52	44	37	31	26	19	14	11	8
-72.5°	57	49	41	35	30	25	20	15	12	9	7
-75°	42	37	32	27	23	18	15	12	9	7	6
-77.5°	30	27	23	20	17	14	11	9	7	6	5
-80°	21	19	17	15	12	10	8	7	6	5	4
-82.5°	13	12	11	10	8	7	6	5	4	4	3
-85°	8	7	7	6	5	4	4	4	4	3	3
-87.5°	4	4	4	4	4	4	4	3	3	3	3
-90°	0	0	0	0	0	0	0	0	0	0	1

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REPORT NUMBER: P626630 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	2	2	2	1	1	1	1
87.5°	1	1	1	1	1	1	1
85°	0	1	1	1	1	1	1
82.5°	0	1	1	1	1	1	1
80°	0	0	1	1	1	1	1
77.5°	0	0	1	1	1	1	1
75°	1	0	1	1	1	1	1
72.5°	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1
55°	2	1	1	1	1	1	1
52.5°	2	2	1	1	1	1	1
50°	2	2	1	1	1	1	1
47.5°	2	2	2	1	1	1	1
45°	3	2	2	1	1	1	1
42.5°	3	2	2	1	1	1	1
40°	3	3	2	1	1	1	1
37.5°	3	3	2	1	1	1	1
35°	4	3	2	2	1	1	1
32.5°	4	3	2	2	1	1	1
30°	4	3	2	2	1	1	1
27.5°	4	3	3	2	1	1	1
25°	5	3	3	2	1	1	1
22.5°	5	4	3	2	2	1	1
20°	5	4	3	2	2	1	1
17.5°	6	4	3	2	2	1	1
15°	6	4	3	3	2	1	1
12.5°	6	4	3	3	2	1	1
10°	6	4	4	3	2	1	1
7.5°	6	5	4	3	2	1	1
5°	7	5	4	3	2	1	1
2.5°	7	5	4	3	2	1	1
0°	7	5	4	3	2	1	1
-2.5°	7	5	4	3	2	1	1
-5°	8	5	4	3	2	1	1
-7.5°	8	5	4	3	2	1	1
-10°	8	5	4	3	2	1	1
-12.5°	9	5	4	3	2	1	1
-15°	9	5	4	3	2	1	1
-17.5°	9	6	4	3	2	1	1
-20°	9	6	4	3	2	1	1

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626630 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	9	6	4	3	2	1	1
-25°	10	6	4	3	2	1	1
-27.5°	10	6	4	3	2	1	1
-30°	11	7	4	3	2	1	1
-32.5°	11	7	4	3	2	1	1
-35°	11	7	4	2	2	1	1
-37.5°	11	8	4	2	2	1	1
-40°	11	8	4	2	2	1	1
-42.5°	12	8	4	2	1	1	1
-45°	11	8	4	2	1	1	1
-47.5°	11	7	4	2	1	1	1
-50°	11	7	4	2	1	1	1
-52.5°	11	7	4	2	1	1	1
-55°	10	7	4	2	1	1	1
-57.5°	10	6	4	2	1	1	1
-60°	9	6	3	2	1	1	1
-62.5°	9	5	3	2	1	1	1
-65°	8	5	3	2	1	1	1
-67.5°	7	4	3	2	1	1	1
-70°	6	4	3	1	1	1	1
-72.5°	5	4	2	1	1	1	1
-75°	4	3	2	1	1	1	1
-77.5°	4	3	2	1	1	1	1
-80°	3	2	2	1	1	1	1
-82.5°	3	2	2	1	1	1	1
-85°	3	2	2	1	1	1	1
-87.5°	2	2	2	1	1	1	1
-90°	1	1	1	1	1	1	1

(END OF REPORT)