

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: P626640 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-750-U-VWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626640 (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-750-U-VWR-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR  
Light Source: (16) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

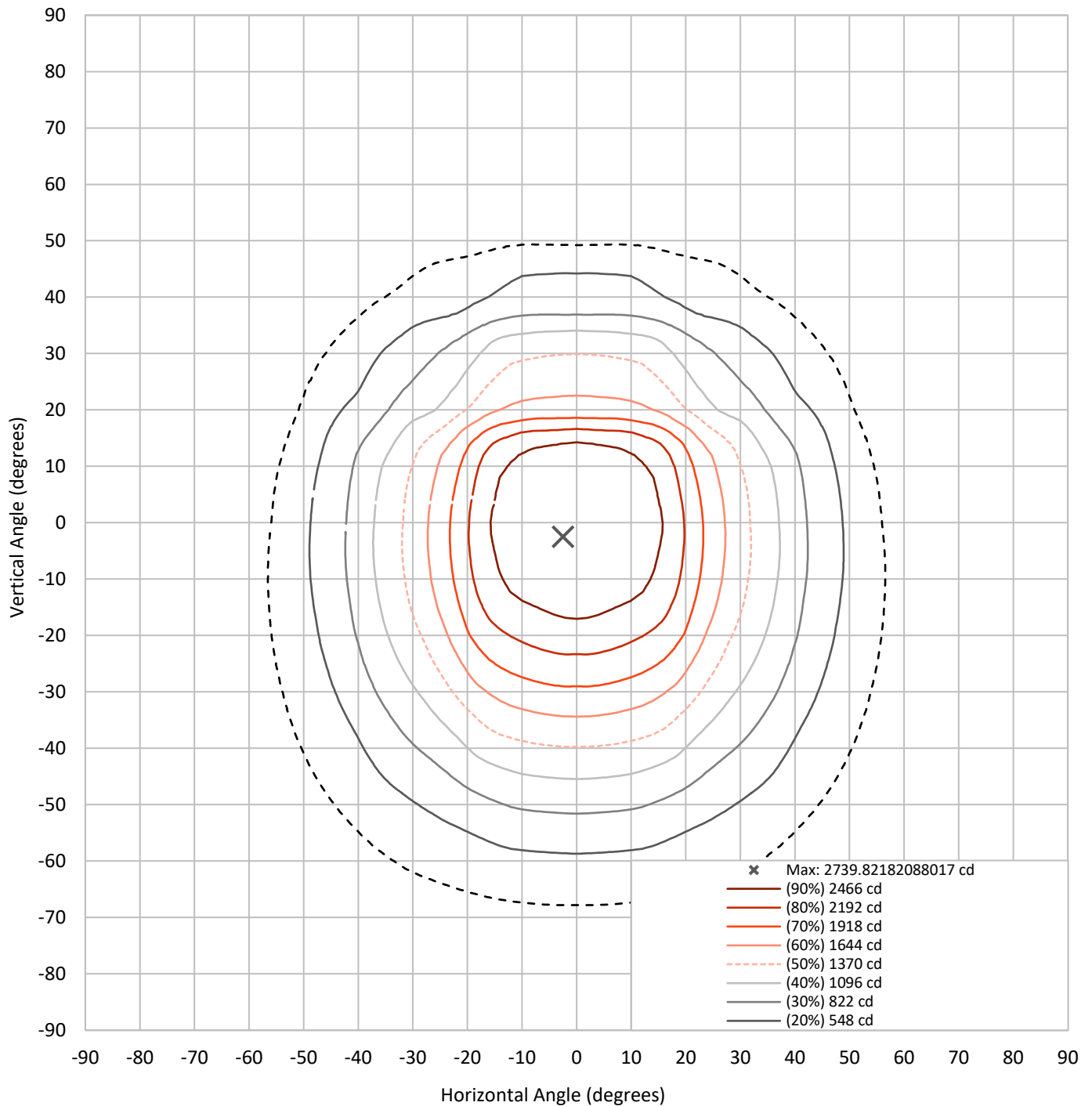
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	3656.4 lumens	Max Intensity:	2739.8 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	109.1 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:	2115.5 lumens	Field Lumens:	3469.7 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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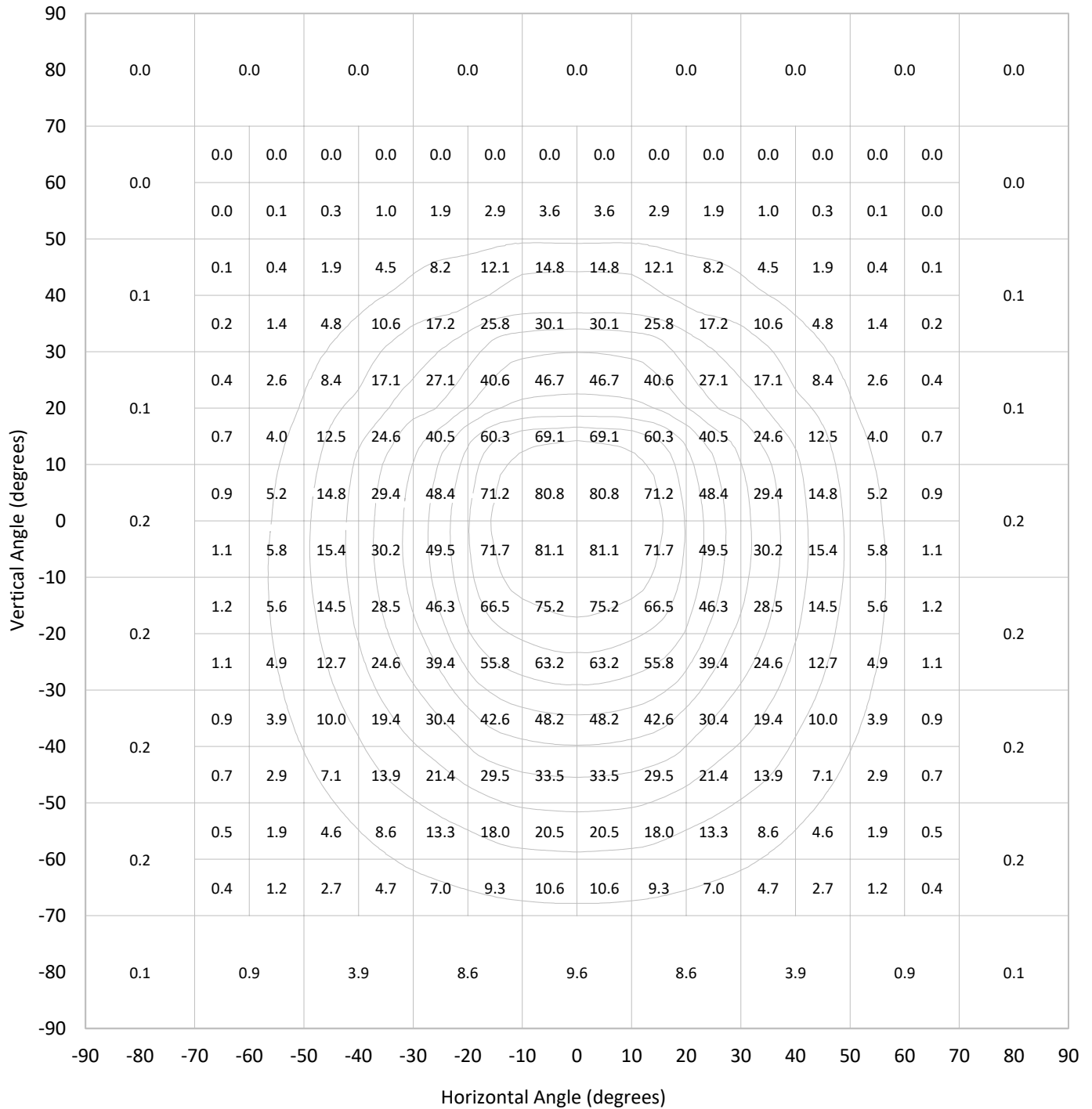
### Iso-Candela Plot





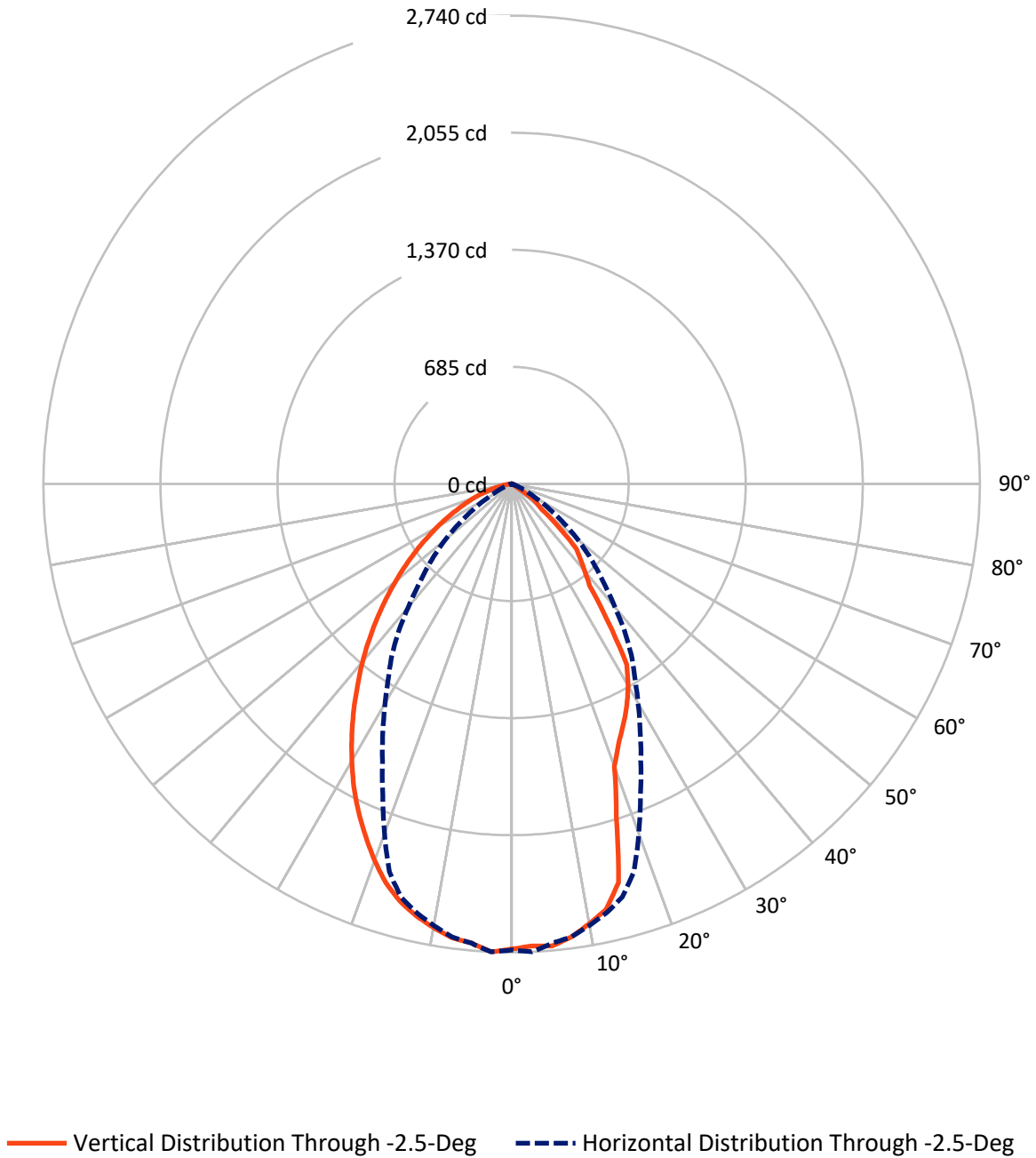
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### Lumen Table



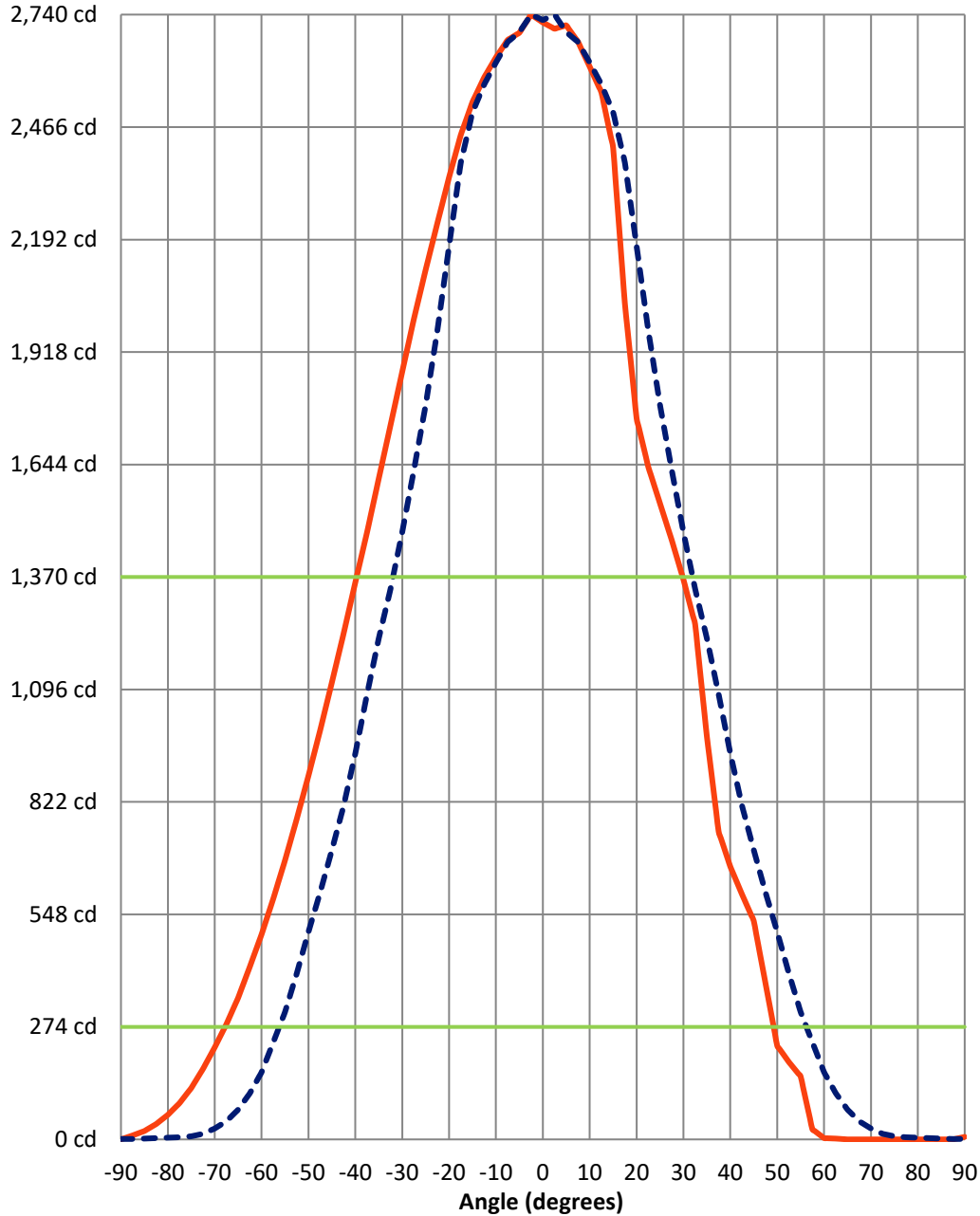
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CATALOG NUMBER: GFLD-SA1B-750-U-VWR-VSR-XX

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 63.9°  
 V Angle: 69.6°  
 Lumens: 2115.5  
 Efficiency: 57.9%

**Field:**  
 H Angle: 112.5°  
 V Angle: 117.1°  
 Lumens: 3469.7  
 Efficiency: 94.9%

**Spill:**  
 Lumens: 186.7  
 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	4	4	5	5
40°	1	1	1	1	2	3	3	4	5	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	14
30°	1	1	1	2	3	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	4	5	6	9	15	25
22.5°	1	1	2	2	3	4	5	7	10	18	30
20°	1	1	2	2	3	4	5	7	12	21	35
17.5°	1	1	2	2	3	4	6	7	14	24	40
15°	1	1	2	3	3	4	6	8	15	26	44
12.5°	1	1	2	3	4	4	6	9	17	29	49
10°	1	1	2	3	4	5	6	9	19	31	53
7.5°	1	1	2	3	4	5	7	10	21	34	58
5°	1	1	2	3	4	5	7	11	23	37	62
2.5°	1	1	2	3	4	5	7	12	24	39	66
0°	1	1	2	3	4	5	7	12	26	41	69
-2.5°	1	1	2	3	4	5	8	14	27	44	73
-5°	1	1	2	3	4	5	8	15	27	47	75
-7.5°	1	1	2	3	4	5	8	16	28	49	77
-10°	1	1	2	3	4	5	9	17	29	51	78
-12.5°	1	1	2	3	4	6	9	17	29	52	80
-15°	1	1	2	3	4	6	9	18	29	52	80
-17.5°	1	1	2	3	4	6	9	18	30	51	80
-20°	1	1	2	3	4	6	9	18	31	50	78

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REPORT NUMBER: P626640 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-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	10	18	31	49	76
-25°	1	1	2	3	4	6	10	18	31	47	72
-27.5°	1	1	2	3	4	7	11	18	31	46	69
-30°	1	1	2	3	4	7	11	18	30	45	67
-32.5°	1	1	2	3	4	7	11	18	29	44	63
-35°	1	1	2	3	4	8	11	18	28	42	60
-37.5°	1	1	2	2	4	8	12	18	27	40	58
-40°	1	1	2	2	4	8	12	17	25	38	56
-42.5°	1	1	1	2	4	8	12	17	24	37	53
-45°	1	1	1	2	4	8	12	17	24	35	50
-47.5°	1	1	1	2	4	8	11	16	23	32	47
-50°	1	1	1	2	4	7	11	16	22	32	44
-52.5°	1	1	1	2	4	7	11	15	22	30	40
-55°	1	1	1	2	4	7	11	15	21	29	39
-57.5°	1	1	1	2	4	7	10	14	20	28	37
-60°	1	1	1	2	3	6	10	13	19	26	34
-62.5°	1	1	1	2	3	6	9	13	17	24	32
-65°	1	1	1	2	3	5	8	11	15	21	29
-67.5°	1	1	1	2	3	4	7	10	13	18	25
-70°	1	1	1	1	3	4	6	8	11	15	20
-72.5°	1	1	1	1	2	4	5	7	9	12	15
-75°	1	1	1	1	2	3	5	6	7	10	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	4
-90°	1	1	1	1	1	1	1	1	0	0	0





REPORT NUMBER: P626640 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-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	2	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	15
55°	3	3	3	4	4	4	6	12	18	25	27
52.5°	3	3	4	5	5	8	14	23	32	39	50
50°	4	4	5	6	10	17	26	38	51	64	77
47.5°	5	5	7	10	19	29	42	61	77	92	110
45°	6	8	9	19	30	43	65	87	102	123	154
42.5°	7	10	17	28	42	63	90	109	129	162	195
40°	10	14	25	39	56	87	115	137	164	201	235
37.5°	13	21	34	51	79	113	142	174	205	239	303
35°	17	28	45	68	101	141	176	211	247	315	379
32.5°	23	35	57	87	126	169	210	250	308	386	449
30°	28	45	70	105	149	195	244	293	370	434	503
27.5°	34	55	86	124	170	220	275	345	413	476	552
25°	40	67	100	143	191	246	310	395	448	518	597
22.5°	48	77	115	159	211	273	354	440	503	561	639
20°	57	89	130	180	230	300	399	488	562	630	701
17.5°	65	101	147	201	258	334	442	542	623	698	787
15°	73	111	163	220	285	372	482	590	683	768	868
12.5°	80	120	178	239	311	406	514	621	723	833	947
10°	86	129	193	256	335	434	541	646	749	865	992
7.5°	93	137	206	272	357	458	563	666	770	891	1021
5°	99	144	217	283	374	476	579	681	786	910	1044
2.5°	105	150	226	292	386	489	590	694	798	926	1061
0°	109	155	232	299	396	499	596	703	805	937	1072
-2.5°	112	164	237	310	404	505	602	705	812	940	1084
-5°	115	170	239	319	409	508	604	703	814	939	1086
-7.5°	116	175	241	325	411	506	601	700	811	936	1078
-10°	116	176	242	323	409	501	594	692	802	926	1063
-12.5°	118	176	242	320	404	493	583	679	786	908	1041
-15°	119	173	239	315	395	482	570	661	767	890	1018
-17.5°	118	170	234	308	384	469	554	645	749	870	993
-20°	115	166	225	300	371	454	538	629	729	843	965

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CATALOG NUMBER: GFLD-SA1B-750-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°	111	161	216	290	360	437	520	606	703	807	928
-25°	106	156	208	275	346	418	498	578	673	774	882
-27.5°	102	148	201	259	330	397	474	552	639	738	838
-30°	96	139	192	244	311	377	447	524	602	696	794
-32.5°	91	130	181	232	291	355	418	491	568	648	744
-35°	87	125	170	218	270	331	391	454	528	604	689
-37.5°	85	119	158	204	253	306	362	420	485	561	641
-40°	80	112	149	191	234	282	334	387	443	517	596
-42.5°	75	106	141	176	216	259	306	355	409	474	546
-45°	71	97	132	163	196	236	280	325	375	431	496
-47.5°	65	88	120	149	178	212	252	295	340	390	443
-50°	59	81	106	134	161	190	224	263	304	347	395
-52.5°	55	72	95	118	144	170	199	233	269	306	347
-55°	50	65	84	105	127	151	178	207	237	270	304
-57.5°	46	59	75	94	114	134	159	184	211	239	267
-60°	44	54	67	83	101	120	140	164	187	210	234
-62.5°	41	49	60	73	89	105	123	143	165	184	202
-65°	37	44	53	64	76	90	106	122	141	156	171
-67.5°	32	38	46	55	65	76	87	101	116	129	141
-70°	26	32	38	45	54	63	73	83	93	103	115
-72.5°	20	25	31	36	42	50	58	66	75	84	93
-75°	15	19	23	28	32	37	43	50	58	67	74
-77.5°	12	14	17	21	24	27	31	35	42	50	58
-80°	8	10	12	15	17	19	21	23	28	35	42
-82.5°	6	7	9	10	11	12	13	15	19	23	27
-85°	4	5	5	6	7	7	8	8	11	13	15
-87.5°	4	4	4	4	4	4	4	5	5	6	7
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA1B-750-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	15	17	25	27	25	30	36	36	31	31
55°	33	44	57	60	69	88	102	96	96	101	116
52.5°	62	73	77	87	107	121	130	139	150	160	171
50°	91	101	113	124	151	165	163	183	208	223	231
47.5°	134	150	174	213	233	248	266	288	317	356	386
45°	184	209	247	288	319	333	354	389	434	479	512
42.5°	224	259	302	341	367	390	417	446	499	546	584
40°	278	305	353	390	413	436	479	522	572	616	647
37.5°	346	376	426	468	490	498	571	631	671	728	746
35°	418	468	532	586	608	651	726	810	901	935	964
32.5°	499	561	648	705	736	802	897	987	1106	1171	1190
30°	574	644	719	775	828	907	993	1104	1215	1297	1323
27.5°	628	706	778	831	890	975	1083	1195	1304	1388	1418
25°	680	769	825	886	956	1049	1169	1294	1400	1472	1508
22.5°	739	827	887	939	1031	1138	1248	1389	1503	1560	1599
20°	800	899	993	1041	1120	1256	1380	1513	1622	1682	1724
17.5°	885	1011	1126	1195	1280	1441	1596	1731	1883	1936	1988
15°	975	1121	1256	1364	1474	1634	1833	1996	2169	2247	2334
12.5°	1064	1203	1325	1464	1619	1761	1950	2153	2310	2409	2468
10°	1131	1260	1377	1517	1671	1832	2020	2228	2392	2477	2525
7.5°	1167	1290	1414	1556	1709	1880	2075	2280	2449	2530	2578
5°	1194	1312	1440	1590	1745	1918	2112	2316	2469	2556	2616
2.5°	1210	1326	1457	1612	1767	1948	2151	2362	2496	2566	2621
0°	1215	1332	1467	1623	1783	1965	2166	2375	2511	2578	2635
-2.5°	1220	1340	1479	1631	1789	1970	2176	2379	2502	2570	2623
-5°	1217	1341	1479	1624	1784	1964	2161	2351	2479	2553	2606
-7.5°	1206	1332	1469	1608	1764	1946	2143	2326	2456	2533	2592
-10°	1190	1312	1450	1591	1745	1919	2112	2294	2418	2501	2569
-12.5°	1172	1292	1425	1560	1713	1884	2071	2244	2367	2457	2506
-15°	1146	1265	1392	1523	1672	1838	2017	2183	2304	2377	2431
-17.5°	1112	1230	1350	1474	1615	1778	1958	2121	2220	2285	2338
-20°	1076	1185	1299	1416	1552	1714	1891	2033	2127	2189	2239

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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1035	1140	1244	1357	1490	1638	1795	1932	2032	2089	2135
-25°	989	1090	1190	1298	1420	1554	1699	1834	1924	1985	2030
-27.5°	938	1034	1131	1228	1338	1471	1606	1731	1808	1869	1915
-30°	888	974	1064	1156	1259	1379	1505	1610	1691	1751	1793
-32.5°	834	915	995	1081	1178	1284	1394	1495	1581	1635	1671
-35°	778	857	930	1008	1093	1185	1287	1386	1471	1514	1549
-37.5°	720	799	867	933	1007	1091	1190	1285	1358	1395	1427
-40°	669	739	801	863	923	998	1091	1182	1241	1277	1307
-42.5°	620	679	730	785	846	920	994	1071	1118	1159	1189
-45°	563	615	663	710	764	832	900	961	1006	1044	1075
-47.5°	500	550	597	638	689	746	803	854	898	936	963
-50°	441	486	531	573	618	663	710	754	796	833	856
-52.5°	388	430	469	506	545	583	622	663	701	736	755
-55°	341	378	414	445	476	506	539	577	613	645	658
-57.5°	298	330	361	388	413	437	466	498	529	557	568
-60°	258	284	310	334	356	376	402	427	452	474	483
-62.5°	222	244	264	283	302	320	341	361	381	398	406
-65°	187	205	221	236	251	267	283	299	313	325	332
-67.5°	154	168	180	193	205	218	230	242	253	262	269
-70°	125	136	146	156	166	176	185	194	203	209	214
-72.5°	101	109	118	127	135	143	150	156	162	166	169
-75°	81	88	96	103	110	116	121	126	130	131	130
-77.5°	66	72	78	84	89	93	96	99	102	100	97
-80°	48	54	58	63	68	70	72	73	74	72	69
-82.5°	32	35	39	42	45	46	47	48	49	47	44
-85°	18	19	21	23	24	25	26	27	27	26	25
-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: P626640 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-750-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	25	28	25	24	28	31	31	36	36
55°	132	148	153	150	153	148	132	116	101	96	96
52.5°	180	186	188	188	188	186	180	171	160	150	139
50°	234	232	228	225	228	232	234	231	223	208	183
47.5°	390	383	380	386	380	383	390	386	356	317	288
45°	518	526	532	532	532	526	518	512	479	434	389
42.5°	591	596	597	595	597	596	591	584	546	499	446
40°	656	661	664	667	664	661	656	647	616	572	522
37.5°	752	754	750	748	750	754	752	746	728	671	631
35°	988	992	981	993	981	992	988	964	935	901	810
32.5°	1213	1236	1254	1269	1254	1236	1213	1190	1171	1106	987
30°	1341	1356	1363	1365	1363	1356	1341	1323	1297	1215	1104
27.5°	1435	1450	1460	1467	1460	1450	1435	1418	1388	1304	1195
25°	1525	1539	1549	1553	1549	1539	1525	1508	1472	1400	1294
22.5°	1619	1629	1638	1643	1638	1629	1619	1599	1560	1503	1389
20°	1754	1748	1757	1754	1757	1748	1754	1724	1682	1622	1513
17.5°	2028	2031	2036	2046	2036	2031	2028	1988	1936	1883	1731
15°	2373	2380	2415	2446	2415	2380	2373	2334	2247	2169	1996
12.5°	2522	2546	2550	2559	2550	2546	2522	2468	2409	2310	2153
10°	2572	2614	2613	2623	2613	2614	2572	2525	2477	2392	2228
7.5°	2610	2655	2674	2682	2674	2655	2610	2578	2530	2449	2280
5°	2656	2681	2714	2704	2714	2681	2656	2616	2556	2469	2316
2.5°	2676	2714	2705	2714	2705	2714	2676	2621	2566	2496	2362
0°	2689	2716	2721	2730	2721	2716	2689	2635	2578	2511	2375
-2.5°	2673	2697	2740	2727	2740	2697	2673	2623	2570	2502	2379
-5°	2659	2719	2696	2725	2696	2719	2659	2606	2553	2479	2351
-7.5°	2652	2663	2678	2700	2678	2663	2652	2592	2533	2456	2326
-10°	2596	2607	2636	2651	2636	2607	2596	2569	2501	2418	2294
-12.5°	2536	2557	2587	2597	2587	2557	2536	2506	2457	2367	2244
-15°	2467	2498	2527	2533	2527	2498	2467	2431	2377	2304	2183
-17.5°	2379	2416	2447	2454	2447	2416	2379	2338	2285	2220	2121
-20°	2281	2318	2344	2351	2344	2318	2281	2239	2189	2127	2033

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REPORT NUMBER: P626640 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-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°	2177	2210	2232	2229	2232	2210	2177	2135	2089	2032	1932
-25°	2067	2097	2118	2115	2118	2097	2067	2030	1985	1924	1834
-27.5°	1950	1979	1999	2000	1999	1979	1950	1915	1869	1808	1731
-30°	1828	1853	1870	1864	1870	1853	1828	1793	1751	1691	1610
-32.5°	1701	1724	1739	1744	1739	1724	1701	1671	1635	1581	1495
-35°	1576	1597	1610	1613	1610	1597	1576	1549	1514	1471	1386
-37.5°	1452	1470	1479	1475	1479	1470	1452	1427	1395	1358	1285
-40°	1330	1346	1357	1359	1357	1346	1330	1307	1277	1241	1182
-42.5°	1209	1223	1232	1236	1232	1223	1209	1189	1159	1118	1071
-45°	1092	1105	1113	1118	1113	1105	1092	1075	1044	1006	961
-47.5°	978	989	997	1000	997	989	978	963	936	898	854
-50°	869	879	886	890	886	879	869	856	833	796	754
-52.5°	766	775	780	783	780	775	766	755	736	701	663
-55°	668	674	680	683	680	674	668	658	645	613	577
-57.5°	576	581	586	590	586	581	576	568	557	529	498
-60°	490	495	499	502	499	495	490	483	474	452	427
-62.5°	412	417	421	423	421	417	412	406	398	381	361
-65°	338	342	345	347	345	342	338	332	325	313	299
-67.5°	275	280	281	280	281	280	275	269	262	253	242
-70°	219	223	224	224	224	223	219	214	209	203	194
-72.5°	171	174	172	169	172	174	171	169	166	162	156
-75°	129	127	125	123	125	127	129	130	131	130	126
-77.5°	94	91	88	86	88	91	94	97	100	102	99
-80°	66	62	60	57	60	62	66	69	72	74	73
-82.5°	42	39	37	36	37	39	42	44	47	49	48
-85°	23	21	20	19	20	21	23	25	26	27	27
-87.5°	10	10	10	9	10	10	10	10	10	10	10
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626640 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-750-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	2	1	2
60°	6	4	5	6	5	4	6	6	3	3	2
57.5°	30	25	27	25	17	15	15	15	13	8	3
55°	102	88	69	60	57	44	33	27	25	18	12
52.5°	130	121	107	87	77	73	62	50	39	32	23
50°	163	165	151	124	113	101	91	77	64	51	38
47.5°	266	248	233	213	174	150	134	110	92	77	61
45°	354	333	319	288	247	209	184	154	123	102	87
42.5°	417	390	367	341	302	259	224	195	162	129	109
40°	479	436	413	390	353	305	278	235	201	164	137
37.5°	571	498	490	468	426	376	346	303	239	205	174
35°	726	651	608	586	532	468	418	379	315	247	211
32.5°	897	802	736	705	648	561	499	449	386	308	250
30°	993	907	828	775	719	644	574	503	434	370	293
27.5°	1083	975	890	831	778	706	628	552	476	413	345
25°	1169	1049	956	886	825	769	680	597	518	448	395
22.5°	1248	1138	1031	939	887	827	739	639	561	503	440
20°	1380	1256	1120	1041	993	899	800	701	630	562	488
17.5°	1596	1441	1280	1195	1126	1011	885	787	698	623	542
15°	1833	1634	1474	1364	1256	1121	975	868	768	683	590
12.5°	1950	1761	1619	1464	1325	1203	1064	947	833	723	621
10°	2020	1832	1671	1517	1377	1260	1131	992	865	749	646
7.5°	2075	1880	1709	1556	1414	1290	1167	1021	891	770	666
5°	2112	1918	1745	1590	1440	1312	1194	1044	910	786	681
2.5°	2151	1948	1767	1612	1457	1326	1210	1061	926	798	694
0°	2166	1965	1783	1623	1467	1332	1215	1072	937	805	703
-2.5°	2176	1970	1789	1631	1479	1340	1220	1084	940	812	705
-5°	2161	1964	1784	1624	1479	1341	1217	1086	939	814	703
-7.5°	2143	1946	1764	1608	1469	1332	1206	1078	936	811	700
-10°	2112	1919	1745	1591	1450	1312	1190	1063	926	802	692
-12.5°	2071	1884	1713	1560	1425	1292	1172	1041	908	786	679
-15°	2017	1838	1672	1523	1392	1265	1146	1018	890	767	661
-17.5°	1958	1778	1615	1474	1350	1230	1112	993	870	749	645
-20°	1891	1714	1552	1416	1299	1185	1076	965	843	729	629

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REPORT NUMBER: P626640 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-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°	1795	1638	1490	1357	1244	1140	1035	928	807	703	606
-25°	1699	1554	1420	1298	1190	1090	989	882	774	673	578
-27.5°	1606	1471	1338	1228	1131	1034	938	838	738	639	552
-30°	1505	1379	1259	1156	1064	974	888	794	696	602	524
-32.5°	1394	1284	1178	1081	995	915	834	744	648	568	491
-35°	1287	1185	1093	1008	930	857	778	689	604	528	454
-37.5°	1190	1091	1007	933	867	799	720	641	561	485	420
-40°	1091	998	923	863	801	739	669	596	517	443	387
-42.5°	994	920	846	785	730	679	620	546	474	409	355
-45°	900	832	764	710	663	615	563	496	431	375	325
-47.5°	803	746	689	638	597	550	500	443	390	340	295
-50°	710	663	618	573	531	486	441	395	347	304	263
-52.5°	622	583	545	506	469	430	388	347	306	269	233
-55°	539	506	476	445	414	378	341	304	270	237	207
-57.5°	466	437	413	388	361	330	298	267	239	211	184
-60°	402	376	356	334	310	284	258	234	210	187	164
-62.5°	341	320	302	283	264	244	222	202	184	165	143
-65°	283	267	251	236	221	205	187	171	156	141	122
-67.5°	230	218	205	193	180	168	154	141	129	116	101
-70°	185	176	166	156	146	136	125	115	103	93	83
-72.5°	150	143	135	127	118	109	101	93	84	75	66
-75°	121	116	110	103	96	88	81	74	67	58	50
-77.5°	96	93	89	84	78	72	66	58	50	42	35
-80°	72	70	68	63	58	54	48	42	35	28	23
-82.5°	47	46	45	42	39	35	32	27	23	19	15
-85°	26	25	24	23	21	19	18	15	13	11	8
-87.5°	9	9	9	8	8	8	7	7	6	5	5
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P626640 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-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°	6	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	10	6	5	4	4	3	3	3	3
47.5°	42	29	19	10	7	5	5	4	4	3	3
45°	65	43	30	19	9	8	6	4	4	4	3
42.5°	90	63	42	28	17	10	7	5	5	4	4
40°	115	87	56	39	25	14	10	6	5	5	4
37.5°	142	113	79	51	34	21	13	7	6	5	4
35°	176	141	101	68	45	28	17	9	7	5	5
32.5°	210	169	126	87	57	35	23	14	8	6	5
30°	244	195	149	105	70	45	28	17	10	6	5
27.5°	275	220	170	124	86	55	34	21	12	7	6
25°	310	246	191	143	100	67	40	25	15	9	6
22.5°	354	273	211	159	115	77	48	30	18	10	7
20°	399	300	230	180	130	89	57	35	21	12	7
17.5°	442	334	258	201	147	101	65	40	24	14	7
15°	482	372	285	220	163	111	73	44	26	15	8
12.5°	514	406	311	239	178	120	80	49	29	17	9
10°	541	434	335	256	193	129	86	53	31	19	9
7.5°	563	458	357	272	206	137	93	58	34	21	10
5°	579	476	374	283	217	144	99	62	37	23	11
2.5°	590	489	386	292	226	150	105	66	39	24	12
0°	596	499	396	299	232	155	109	69	41	26	12
-2.5°	602	505	404	310	237	164	112	73	44	27	14
-5°	604	508	409	319	239	170	115	75	47	27	15
-7.5°	601	506	411	325	241	175	116	77	49	28	16
-10°	594	501	409	323	242	176	116	78	51	29	17
-12.5°	583	493	404	320	242	176	118	80	52	29	17
-15°	570	482	395	315	239	173	119	80	52	29	18
-17.5°	554	469	384	308	234	170	118	80	51	30	18
-20°	538	454	371	300	225	166	115	78	50	31	18

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CATALOG NUMBER: GFLD-SA1B-750-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°	520	437	360	290	216	161	111	76	49	31	18
-25°	498	418	346	275	208	156	106	72	47	31	18
-27.5°	474	397	330	259	201	148	102	69	46	31	18
-30°	447	377	311	244	192	139	96	67	45	30	18
-32.5°	418	355	291	232	181	130	91	63	44	29	18
-35°	391	331	270	218	170	125	87	60	42	28	18
-37.5°	362	306	253	204	158	119	85	58	40	27	18
-40°	334	282	234	191	149	112	80	56	38	25	17
-42.5°	306	259	216	176	141	106	75	53	37	24	17
-45°	280	236	196	163	132	97	71	50	35	24	17
-47.5°	252	212	178	149	120	88	65	47	32	23	16
-50°	224	190	161	134	106	81	59	44	32	22	16
-52.5°	199	170	144	118	95	72	55	40	30	22	15
-55°	178	151	127	105	84	65	50	39	29	21	15
-57.5°	159	134	114	94	75	59	46	37	28	20	14
-60°	140	120	101	83	67	54	44	34	26	19	13
-62.5°	123	105	89	73	60	49	41	32	24	17	13
-65°	106	90	76	64	53	44	37	29	21	15	11
-67.5°	87	76	65	55	46	38	32	25	18	13	10
-70°	73	63	54	45	38	32	26	20	15	11	8
-72.5°	58	50	42	36	31	25	20	15	12	9	7
-75°	43	37	32	28	23	19	15	12	10	7	6
-77.5°	31	27	24	21	17	14	12	9	7	6	5
-80°	21	19	17	15	12	10	8	7	6	5	4
-82.5°	13	12	11	10	9	7	6	5	4	4	3
-85°	8	7	7	6	5	5	4	4	4	3	3
-87.5°	4	4	4	4	4	4	4	4	3	3	3
-90°	0	0	0	0	0	0	0	0	0	0	1

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REPORT NUMBER: P626640 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-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	3	2	1	1	1
27.5°	4	3	3	2	1	1	1
25°	5	4	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	4	3	2	1	1
10°	6	5	4	3	2	1	1
7.5°	7	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°	8	5	4	3	2	1	1
-5°	8	5	4	3	2	1	1
-7.5°	8	5	4	3	2	1	1
-10°	9	5	4	3	2	1	1
-12.5°	9	6	4	3	2	1	1
-15°	9	6	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: P626640 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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