

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: P627450 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-730-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627450 (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-SA4D-730-U-VWR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (64) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

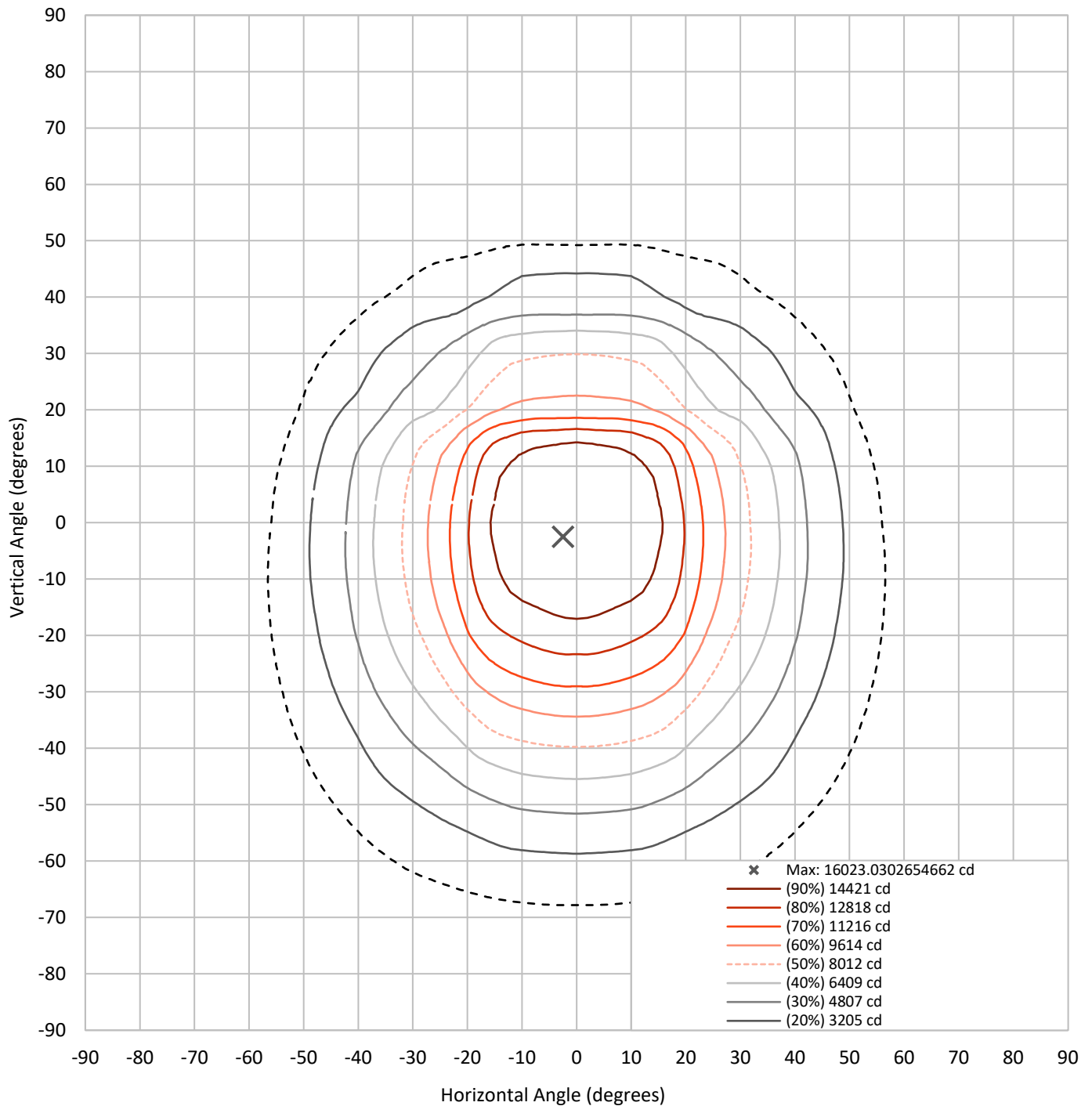
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	21383.3 lumens	Max Intensity:	16023 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	96.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' 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:	12371.7 lumens	Field Lumens:	20291.4 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	221.4		
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

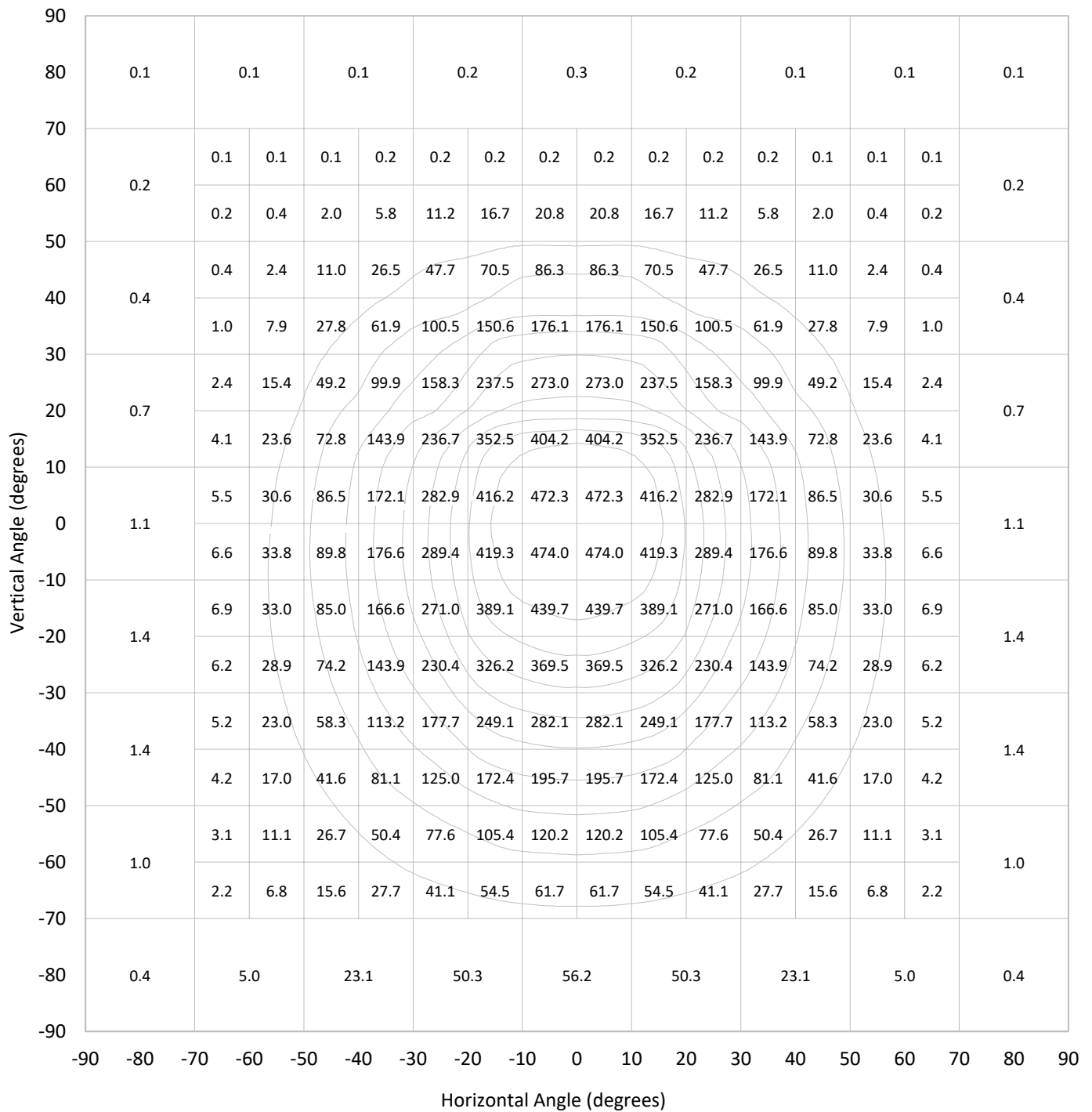




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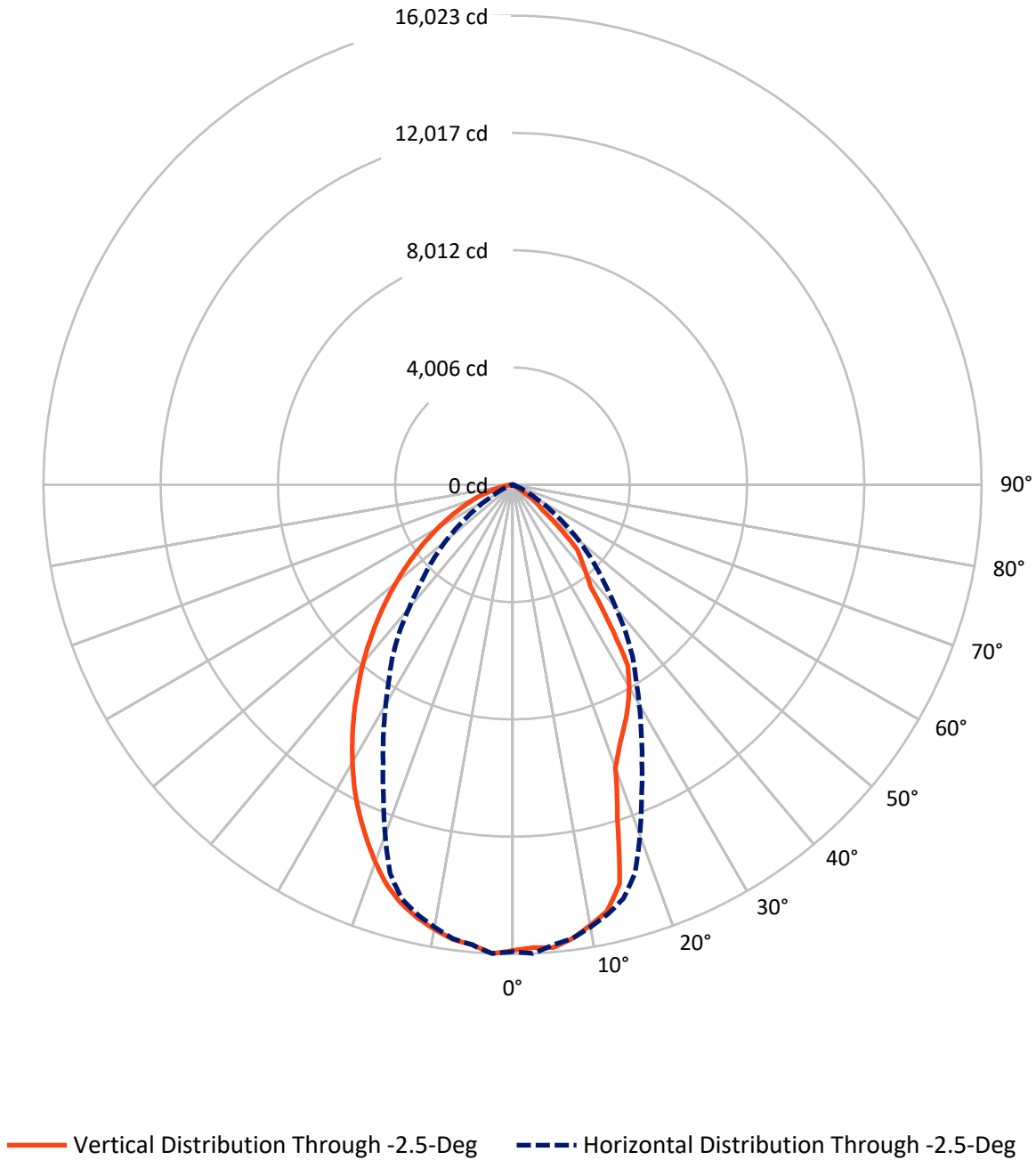
CATALOG NUMBER: GFLD-SA4D-730-U-VWR-VSR-XX

Lumen Table



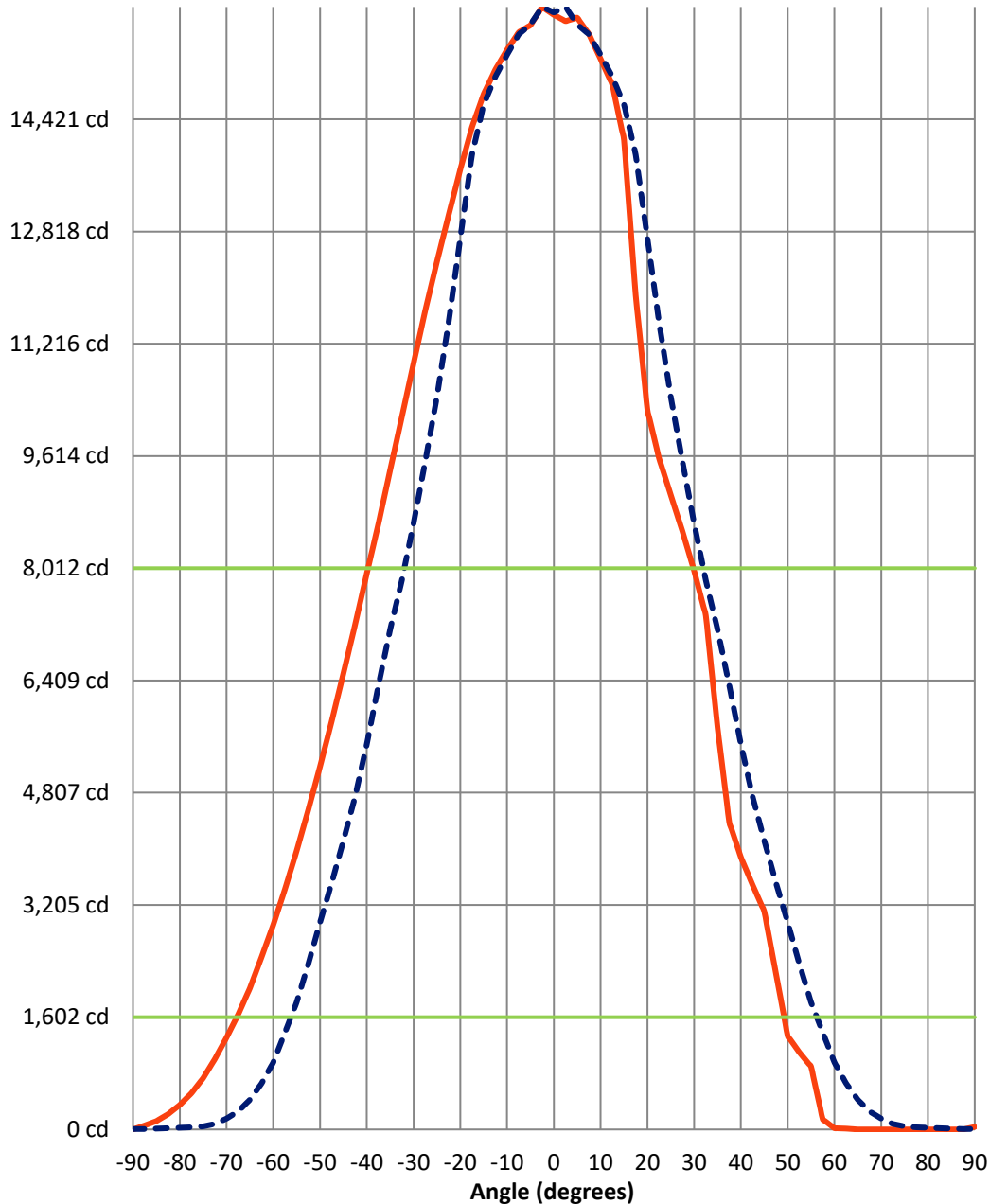
REPORT NUMBER: P627450 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4D-730-U-VWR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 12371.7
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 20291.4
 Efficiency: 94.9%

Spill:
 Lumens: 1091.9
 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°	6	6	6	7	9	11	12	13	15	16	18
87.5°	6	6	6	6	5	5	4	3	2	1	0
85°	6	6	6	6	5	4	3	2	1	0	0
82.5°	6	6	6	5	4	3	1	0	0	1	2
80°	6	6	6	5	4	2	0	1	2	3	4
77.5°	6	6	6	5	4	2	2	3	4	5	5
75°	6	6	6	5	3	3	3	5	6	5	3
72.5°	6	6	6	5	4	4	5	6	5	3	1
70°	6	6	6	5	4	5	6	6	4	2	3
67.5°	6	6	6	5	5	6	6	6	4	5	5
65°	6	6	6	5	5	6	6	5	6	7	7
62.5°	6	6	6	5	6	7	7	7	8	9	8
60°	6	6	6	6	6	7	7	9	10	10	9
57.5°	6	6	6	6	7	8	9	10	12	12	12
55°	6	6	6	6	7	8	10	12	14	14	15
52.5°	6	6	6	6	8	9	12	14	16	16	17
50°	6	6	6	6	8	10	13	16	18	19	20
47.5°	6	6	7	6	9	12	14	17	20	22	23
45°	6	6	7	7	10	13	16	19	22	24	26
42.5°	6	6	7	7	11	14	17	21	24	26	31
40°	6	6	7	8	11	15	19	23	27	29	37
37.5°	6	6	7	9	12	16	20	25	29	33	44
35°	6	6	8	10	13	17	21	27	32	40	55
32.5°	6	6	8	10	14	18	22	29	35	49	79
30°	6	6	8	11	15	19	24	32	37	59	102
27.5°	6	6	8	12	16	20	26	34	42	71	124
25°	6	6	9	12	17	21	28	36	51	87	146
22.5°	6	6	9	13	17	22	30	39	60	105	175
20°	6	6	9	14	18	23	31	41	70	122	203
17.5°	6	6	10	14	19	24	33	43	79	138	231
15°	6	6	10	15	20	25	35	46	89	153	259
12.5°	6	6	10	16	21	26	36	50	100	167	285
10°	6	6	11	16	21	27	38	55	111	183	311
7.5°	6	6	11	17	22	28	39	59	122	199	339
5°	6	6	11	17	23	28	40	64	132	214	364
2.5°	6	6	12	17	23	29	41	68	141	227	387
0°	6	6	12	18	24	30	42	72	149	239	407
-2.5°	6	6	12	18	24	30	42	72	149	239	407
-5°	6	6	12	18	25	31	46	86	160	275	439
-7.5°	6	6	12	18	25	32	48	92	164	288	451
-10°	6	6	12	18	26	32	50	96	167	298	459
-12.5°	6	6	12	17	26	32	51	100	169	303	465
-15°	6	6	12	17	26	33	52	102	172	303	468
-17.5°	6	6	11	17	26	33	52	104	177	300	465
-20°	6	6	11	17	26	33	53	107	181	294	456

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CATALOG NUMBER: GFLD-SA4D-730-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°	6	6	11	17	25	33	57	107	182	286	442
-25°	6	6	11	16	25	36	59	107	182	276	421
-27.5°	6	6	11	16	24	38	62	106	179	267	406
-30°	6	6	10	16	24	41	63	103	176	263	389
-32.5°	6	6	10	15	24	43	64	103	171	257	370
-35°	6	6	10	15	25	44	66	103	165	248	349
-37.5°	6	6	10	14	26	45	67	103	158	236	339
-40°	6	6	9	14	26	46	68	102	148	224	328
-42.5°	6	6	9	13	26	46	69	99	143	215	312
-45°	6	6	8	14	26	45	68	97	139	203	292
-47.5°	6	6	8	13	26	45	67	96	134	190	276
-50°	6	6	8	13	25	44	66	93	130	185	256
-52.5°	6	6	7	13	25	42	64	90	127	178	236
-55°	6	6	7	13	24	41	62	86	123	170	226
-57.5°	6	6	6	12	22	38	59	82	117	162	214
-60°	6	6	6	12	21	36	56	78	110	152	201
-62.5°	6	6	6	11	20	33	51	73	101	140	185
-65°	6	6	6	10	18	29	46	66	90	124	167
-67.5°	6	6	6	10	17	26	41	58	77	105	144
-70°	6	6	6	9	15	24	35	49	66	85	116
-72.5°	6	6	6	8	14	21	31	40	54	71	89
-75°	6	6	6	8	12	19	27	34	42	56	71
-77.5°	6	6	6	8	11	16	23	29	35	42	52
-80°	6	6	6	8	11	14	18	23	28	34	40
-82.5°	6	6	6	8	10	13	16	19	21	26	30
-85°	6	6	6	8	10	12	15	17	19	21	23
-87.5°	6	6	6	8	10	11	14	15	17	19	20
-90°	6	6	6	6	6	6	6	4	3	1	0



REPORT NUMBER: P627450 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-730-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°	18	18	18	18	18	18	18	18	19	21	22
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°	2	2	1	0	0	0	0	0	0	0	0
80°	4	3	1	0	0	0	0	0	0	0	0
77.5°	3	2	1	0	0	0	0	0	0	0	0
75°	1	0	0	0	0	0	0	0	0	0	0
72.5°	1	2	2	1	0	0	0	0	0	0	0
70°	3	4	2	1	0	0	1	1	0	0	1
67.5°	6	4	3	2	2	3	3	3	3	4	3
65°	6	4	4	5	6	6	7	7	6	5	6
62.5°	6	7	8	9	10	10	10	9	7	9	10
60°	9	10	11	12	13	14	13	14	15	17	34
57.5°	12	13	14	16	18	18	19	20	47	77	86
55°	15	16	18	21	23	23	33	69	104	145	159
52.5°	18	19	24	27	30	46	83	132	184	231	290
50°	21	26	30	35	56	99	153	221	299	373	449
47.5°	27	32	39	56	111	171	246	354	451	540	644
45°	33	44	52	110	174	252	378	511	598	718	901
42.5°	39	61	99	166	245	369	526	639	756	950	1142
40°	57	82	149	230	329	510	671	799	959	1173	1375
37.5°	78	125	200	297	461	659	832	1015	1198	1400	1774
35°	101	165	265	396	592	825	1031	1235	1446	1845	2215
32.5°	131	202	333	510	735	990	1229	1465	1803	2255	2627
30°	164	262	411	616	869	1141	1429	1714	2162	2536	2939
27.5°	198	324	503	727	995	1284	1608	2016	2416	2784	3228
25°	233	389	587	833	1118	1439	1812	2308	2620	3028	3491
22.5°	279	452	670	929	1233	1597	2073	2571	2939	3282	3734
20°	331	522	760	1050	1345	1752	2333	2857	3289	3682	4097
17.5°	380	588	857	1173	1509	1951	2588	3167	3644	4081	4600
15°	425	649	951	1289	1669	2178	2816	3453	3997	4489	5078
12.5°	466	704	1042	1398	1820	2374	3008	3630	4228	4869	5538
10°	503	754	1128	1499	1960	2540	3167	3777	4380	5059	5802
7.5°	543	801	1207	1590	2088	2677	3293	3895	4504	5211	5974
5°	580	844	1269	1656	2186	2784	3389	3985	4597	5324	6104
2.5°	613	880	1319	1707	2260	2863	3451	4060	4667	5416	6203
0°	640	909	1358	1746	2315	2919	3487	4109	4707	5479	6268
-2.5°	658	957	1384	1815	2363	2956	3520	4123	4751	5499	6342
-5°	670	996	1400	1868	2395	2972	3530	4112	4763	5494	6353
-7.5°	677	1023	1408	1899	2406	2962	3512	4092	4744	5475	6305
-10°	681	1032	1418	1889	2391	2930	3472	4045	4689	5414	6215
-12.5°	693	1027	1416	1869	2360	2882	3412	3969	4599	5309	6090
-15°	695	1014	1399	1840	2312	2818	3333	3866	4487	5208	5952
-17.5°	689	996	1366	1802	2247	2742	3241	3773	4383	5090	5807
-20°	673	972	1316	1757	2171	2656	3148	3676	4263	4928	5645

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CATALOG NUMBER: GFLD-SA4D-730-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°	647	942	1262	1695	2105	2558	3040	3543	4112	4717	5427
-25°	620	909	1219	1610	2025	2444	2915	3381	3935	4529	5159
-27.5°	594	863	1175	1516	1932	2322	2774	3228	3736	4318	4898
-30°	561	814	1121	1426	1820	2206	2616	3064	3520	4073	4644
-32.5°	531	762	1059	1357	1700	2077	2447	2873	3319	3790	4354
-35°	511	732	994	1278	1577	1936	2288	2658	3090	3532	4027
-37.5°	495	697	925	1195	1480	1788	2117	2458	2835	3280	3746
-40°	470	657	874	1116	1368	1648	1953	2262	2588	3024	3483
-42.5°	437	619	826	1031	1261	1516	1788	2078	2392	2770	3192
-45°	412	570	772	956	1146	1380	1635	1898	2194	2519	2898
-47.5°	381	517	703	874	1042	1241	1474	1723	1986	2278	2589
-50°	347	472	617	784	944	1110	1309	1539	1777	2032	2309
-52.5°	321	420	553	692	844	994	1164	1361	1574	1787	2031
-55°	292	382	491	616	746	885	1039	1212	1385	1581	1776
-57.5°	272	346	440	548	665	783	929	1075	1235	1397	1559
-60°	256	314	392	487	591	702	821	956	1094	1227	1366
-62.5°	238	288	349	427	521	617	722	838	963	1074	1182
-65°	214	258	310	374	447	529	618	716	824	914	1003
-67.5°	187	224	268	319	381	444	510	593	680	754	826
-70°	153	187	223	265	313	367	425	485	545	605	671
-72.5°	117	148	178	208	247	291	338	388	441	492	542
-75°	89	109	136	163	190	218	250	290	339	389	435
-77.5°	67	84	102	121	137	159	182	206	247	293	339
-80°	49	59	73	88	100	111	123	136	166	203	243
-82.5°	36	43	51	60	66	71	78	86	108	133	160
-85°	25	27	31	36	39	43	46	50	62	75	89
-87.5°	21	22	24	25	25	26	26	26	30	35	39
-90°	0	0	0	0	0	0	0	0	0	0	0



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	24	25	27	28	30	31	33	34	36	36	36
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°	1	0	0	0	0	0	0	0	0	0	0
67.5°	3	3	3	2	1	0	0	0	0	0	0
65°	6	6	4	3	1	2	4	4	4	4	3
62.5°	9	9	8	9	11	13	12	11	11	10	11
60°	35	24	27	34	32	22	36	41	35	24	23
57.5°	90	87	99	145	159	145	174	211	210	180	180
55°	191	256	335	348	403	513	598	561	560	589	679
52.5°	363	424	447	509	623	706	760	815	876	938	1000
50°	532	592	660	723	881	967	953	1067	1214	1305	1353
47.5°	781	875	1019	1244	1362	1448	1554	1684	1852	2080	2255
45°	1074	1222	1444	1683	1866	1950	2072	2273	2541	2802	2992
42.5°	1313	1516	1767	1995	2145	2282	2440	2609	2916	3195	3415
40°	1625	1783	2064	2280	2414	2550	2800	3054	3342	3602	3782
37.5°	2021	2199	2491	2735	2864	2912	3337	3690	3925	4256	4364
35°	2446	2739	3112	3427	3554	3806	4244	4737	5271	5467	5635
32.5°	2920	3282	3787	4126	4307	4690	5244	5770	6468	6847	6961
30°	3354	3769	4203	4533	4841	5303	5809	6457	7103	7587	7738
27.5°	3672	4132	4549	4857	5206	5704	6334	6991	7625	8119	8295
25°	3976	4495	4826	5184	5594	6137	6835	7565	8189	8607	8822
22.5°	4322	4834	5189	5492	6028	6653	7301	8126	8787	9121	9354
20°	4678	5258	5806	6089	6552	7344	8069	8848	9486	9834	10080
17.5°	5176	5915	6587	6987	7483	8430	9335	10123	11011	11325	11626
15°	5701	6556	7344	7977	8618	9556	10721	11672	12685	13138	13650
12.5°	6224	7033	7747	8564	9467	10297	11406	12590	13510	14087	14431
10°	6615	7367	8053	8872	9774	10713	11815	13028	13991	14484	14765
7.5°	6827	7546	8270	9100	9997	10997	12133	13337	14321	14798	15076
5°	6983	7674	8424	9298	10205	11219	12353	13542	14440	14947	15298
2.5°	7078	7755	8522	9425	10335	11391	12580	13813	14598	15006	15329
0°	7106	7788	8577	9492	10425	11490	12668	13889	14684	15079	15408
-2.5°	7137	7839	8650	9536	10461	11523	12725	13914	14630	15028	15341
-5°	7115	7843	8651	9500	10431	11484	12639	13751	14499	14930	15241
-7.5°	7051	7789	8589	9404	10318	11383	12533	13603	14362	14816	15156
-10°	6957	7674	8479	9305	10208	11222	12354	13418	14144	14626	15023
-12.5°	6853	7555	8332	9124	10016	11018	12115	13122	13843	14369	14653
-15°	6699	7401	8143	8909	9779	10751	11799	12765	13474	13902	14215
-17.5°	6504	7192	7896	8622	9442	10399	11453	12406	12984	13366	13674
-20°	6294	6930	7597	8283	9077	10025	11060	11892	12436	12803	13094



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 CATALOG NUMBER: GFLD-SA4D-730-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°	6055	6667	7278	7933	8712	9581	10496	11299	11884	12219	12488
-25°	5781	6377	6957	7590	8306	9087	9937	10727	11251	11606	11873
-27.5°	5487	6047	6613	7182	7825	8604	9391	10125	10572	10930	11198
-30°	5193	5697	6221	6759	7363	8065	8801	9418	9890	10238	10487
-32.5°	4875	5353	5817	6320	6889	7507	8154	8740	9244	9563	9773
-35°	4549	5011	5436	5893	6394	6928	7525	8103	8601	8853	9058
-37.5°	4209	4670	5073	5455	5887	6381	6962	7514	7944	8161	8345
-40°	3914	4320	4682	5047	5399	5838	6380	6914	7260	7471	7642
-42.5°	3627	3969	4266	4594	4945	5378	5815	6264	6541	6776	6956
-45°	3293	3599	3878	4150	4470	4865	5263	5622	5882	6108	6284
-47.5°	2924	3219	3490	3733	4031	4360	4695	4994	5250	5474	5631
-50°	2579	2843	3107	3354	3612	3879	4150	4412	4656	4873	5007
-52.5°	2271	2515	2745	2961	3187	3412	3637	3877	4101	4307	4413
-55°	1992	2212	2420	2601	2783	2961	3154	3376	3582	3773	3849
-57.5°	1741	1930	2114	2267	2415	2557	2726	2914	3094	3258	3320
-60°	1511	1660	1814	1951	2080	2201	2349	2500	2646	2769	2823
-62.5°	1299	1427	1544	1654	1764	1873	1992	2112	2230	2325	2373
-65°	1095	1197	1290	1381	1470	1562	1655	1746	1833	1901	1943
-67.5°	903	980	1055	1126	1200	1274	1347	1417	1483	1535	1575
-70°	733	793	851	910	971	1030	1084	1137	1185	1223	1254
-72.5°	591	639	690	743	792	836	875	913	950	971	987
-75°	476	517	561	604	645	678	707	735	762	764	758
-77.5°	385	421	455	489	522	542	560	578	597	586	569
-80°	282	313	342	371	399	411	420	427	433	419	402
-82.5°	187	207	225	244	264	271	277	282	286	273	258
-85°	105	114	123	132	141	147	151	156	160	153	144
-87.5°	44	46	48	50	52	53	55	57	59	59	59
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627450 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-730-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°	36	36	36	36	36	36	36	36	36	36	34
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°	2	0	0	0	0	0	2	3	4	4	4
62.5°	11	11	12	12	12	11	11	11	10	11	11
60°	21	18	18	18	18	18	21	23	24	35	41
57.5°	166	142	146	162	146	142	166	180	180	210	211
55°	775	865	897	879	897	865	775	679	589	560	561
52.5°	1050	1087	1101	1101	1101	1087	1050	1000	938	876	815
50°	1367	1354	1335	1316	1335	1354	1367	1353	1305	1214	1067
47.5°	2281	2241	2225	2255	2225	2241	2281	2255	2080	1852	1684
45°	3031	3077	3112	3110	3112	3077	3031	2992	2802	2541	2273
42.5°	3458	3483	3490	3481	3490	3483	3458	3415	3195	2916	2609
40°	3839	3868	3885	3900	3885	3868	3839	3782	3602	3342	3054
37.5°	4400	4411	4387	4372	4387	4411	4400	4364	4256	3925	3690
35°	5776	5804	5739	5808	5739	5804	5776	5635	5467	5271	4737
32.5°	7096	7228	7334	7423	7334	7228	7096	6961	6847	6468	5770
30°	7843	7928	7974	7985	7974	7928	7843	7738	7587	7103	6457
27.5°	8392	8481	8537	8577	8537	8481	8392	8295	8119	7625	6991
25°	8921	9002	9058	9080	9058	9002	8921	8822	8607	8189	7565
22.5°	9470	9526	9580	9606	9580	9526	9470	9354	9121	8787	8126
20°	10256	10226	10274	10258	10274	10226	10256	10080	9834	9486	8848
17.5°	11860	11877	11909	11963	11909	11877	11860	11626	11325	11011	10123
15°	13876	13917	14123	14307	14123	13917	13876	13650	13138	12685	11672
12.5°	14751	14892	14913	14965	14913	14892	14751	14431	14087	13510	12590
10°	15043	15286	15281	15342	15281	15286	15043	14765	14484	13991	13028
7.5°	15264	15526	15636	15683	15636	15526	15264	15076	14798	14321	13337
5°	15535	15678	15869	15815	15869	15678	15535	15298	14947	14440	13542
2.5°	15648	15873	15821	15874	15821	15873	15648	15329	15006	14598	13813
0°	15725	15886	15910	15964	15910	15886	15725	15408	15079	14684	13889
-2.5°	15632	15774	16023	15946	16023	15774	15632	15341	15028	14630	13914
-5°	15551	15901	15765	15934	15765	15901	15551	15241	14930	14499	13751
-7.5°	15509	15571	15661	15791	15661	15571	15509	15156	14816	14362	13603
-10°	15184	15248	15414	15504	15414	15248	15184	15023	14626	14144	13418
-12.5°	14832	14956	15130	15187	15130	14956	14832	14653	14369	13843	13122
-15°	14426	14610	14780	14816	14780	14610	14426	14215	13902	13474	12765
-17.5°	13911	14131	14310	14349	14310	14131	13911	13674	13366	12984	12406
-20°	13342	13554	13705	13751	13705	13554	13342	13094	12803	12436	11892

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REPORT NUMBER: P627450 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-730-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°	12734	12924	13052	13033	13052	12924	12734	12488	12219	11884	11299
-25°	12088	12265	12387	12369	12387	12265	12088	11873	11606	11251	10727
-27.5°	11405	11572	11690	11693	11690	11572	11405	11198	10930	10572	10125
-30°	10688	10839	10935	10898	10935	10839	10688	10487	10238	9890	9418
-32.5°	9947	10085	10172	10198	10172	10085	9947	9773	9563	9244	8740
-35°	9217	9338	9414	9433	9414	9338	9217	9058	8853	8601	8103
-37.5°	8492	8596	8649	8625	8649	8596	8492	8345	8161	7944	7514
-40°	7775	7874	7935	7949	7935	7874	7775	7642	7471	7260	6914
-42.5°	7070	7153	7206	7231	7206	7153	7070	6956	6776	6541	6264
-45°	6386	6460	6510	6538	6510	6460	6386	6284	6108	5882	5622
-47.5°	5721	5786	5829	5850	5829	5786	5721	5631	5474	5250	4994
-50°	5085	5141	5181	5204	5181	5141	5085	5007	4873	4656	4412
-52.5°	4481	4530	4564	4582	4564	4530	4481	4413	4307	4101	3877
-55°	3905	3945	3976	3995	3976	3945	3905	3849	3773	3582	3376
-57.5°	3368	3400	3430	3451	3430	3400	3368	3320	3258	3094	2914
-60°	2865	2895	2921	2937	2921	2895	2865	2823	2769	2646	2500
-62.5°	2411	2438	2461	2476	2461	2438	2411	2373	2325	2230	2112
-65°	1976	2000	2017	2028	2017	2000	1976	1943	1901	1833	1746
-67.5°	1609	1637	1642	1639	1642	1637	1609	1575	1535	1483	1417
-70°	1281	1305	1311	1310	1311	1305	1281	1254	1223	1185	1137
-72.5°	1002	1015	1004	987	1004	1015	1002	987	971	950	913
-75°	752	744	732	718	732	744	752	758	764	762	735
-77.5°	551	530	517	502	517	530	551	569	586	597	578
-80°	383	363	350	335	350	363	383	402	419	433	427
-82.5°	243	226	218	209	218	226	243	258	273	286	282
-85°	135	125	120	114	120	125	135	144	153	160	156
-87.5°	60	60	57	54	57	60	60	59	59	59	57
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627450 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	33	31	30	28	27	25	24	22	21	19	18
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	1	1	0	0	1
67.5°	0	0	1	2	3	3	3	3	4	3	3
65°	4	2	1	3	4	6	6	6	5	6	7
62.5°	12	13	11	9	8	9	9	10	9	7	9
60°	36	22	32	34	27	24	35	34	17	15	14
57.5°	174	145	159	145	99	87	90	86	77	47	20
55°	598	513	403	348	335	256	191	159	145	104	69
52.5°	760	706	623	509	447	424	363	290	231	184	132
50°	953	967	881	723	660	592	532	449	373	299	221
47.5°	1554	1448	1362	1244	1019	875	781	644	540	451	354
45°	2072	1950	1866	1683	1444	1222	1074	901	718	598	511
42.5°	2440	2282	2145	1995	1767	1516	1313	1142	950	756	639
40°	2800	2550	2414	2280	2064	1783	1625	1375	1173	959	799
37.5°	3337	2912	2864	2735	2491	2199	2021	1774	1400	1198	1015
35°	4244	3806	3554	3427	3112	2739	2446	2215	1845	1446	1235
32.5°	5244	4690	4307	4126	3787	3282	2920	2627	2255	1803	1465
30°	5809	5303	4841	4533	4203	3769	3354	2939	2536	2162	1714
27.5°	6334	5704	5206	4857	4549	4132	3672	3228	2784	2416	2016
25°	6835	6137	5594	5184	4826	4495	3976	3491	3028	2620	2308
22.5°	7301	6653	6028	5492	5189	4834	4322	3734	3282	2939	2571
20°	8069	7344	6552	6089	5806	5258	4678	4097	3682	3289	2857
17.5°	9335	8430	7483	6987	6587	5915	5176	4600	4081	3644	3167
15°	10721	9556	8618	7977	7344	6556	5701	5078	4489	3997	3453
12.5°	11406	10297	9467	8564	7747	7033	6224	5538	4869	4228	3630
10°	11815	10713	9774	8872	8053	7367	6615	5802	5059	4380	3777
7.5°	12133	10997	9997	9100	8270	7546	6827	5974	5211	4504	3895
5°	12353	11219	10205	9298	8424	7674	6983	6104	5324	4597	3985
2.5°	12580	11391	10335	9425	8522	7755	7078	6203	5416	4667	4060
0°	12668	11490	10425	9492	8577	7788	7106	6268	5479	4707	4109
-2.5°	12725	11523	10461	9536	8650	7839	7137	6342	5499	4751	4123
-5°	12639	11484	10431	9500	8651	7843	7115	6353	5494	4763	4112
-7.5°	12533	11383	10318	9404	8589	7789	7051	6305	5475	4744	4092
-10°	12354	11222	10208	9305	8479	7674	6957	6215	5414	4689	4045
-12.5°	12115	11018	10016	9124	8332	7555	6853	6090	5309	4599	3969
-15°	11799	10751	9779	8909	8143	7401	6699	5952	5208	4487	3866
-17.5°	11453	10399	9442	8622	7896	7192	6504	5807	5090	4383	3773
-20°	11060	10025	9077	8283	7597	6930	6294	5645	4928	4263	3676

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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	10496	9581	8712	7933	7278	6667	6055	5427	4717	4112	3543
-25°	9937	9087	8306	7590	6957	6377	5781	5159	4529	3935	3381
-27.5°	9391	8604	7825	7182	6613	6047	5487	4898	4318	3736	3228
-30°	8801	8065	7363	6759	6221	5697	5193	4644	4073	3520	3064
-32.5°	8154	7507	6889	6320	5817	5353	4875	4354	3790	3319	2873
-35°	7525	6928	6394	5893	5436	5011	4549	4027	3532	3090	2658
-37.5°	6962	6381	5887	5455	5073	4670	4209	3746	3280	2835	2458
-40°	6380	5838	5399	5047	4682	4320	3914	3483	3024	2588	2262
-42.5°	5815	5378	4945	4594	4266	3969	3627	3192	2770	2392	2078
-45°	5263	4865	4470	4150	3878	3599	3293	2898	2519	2194	1898
-47.5°	4695	4360	4031	3733	3490	3219	2924	2589	2278	1986	1723
-50°	4150	3879	3612	3354	3107	2843	2579	2309	2032	1777	1539
-52.5°	3637	3412	3187	2961	2745	2515	2271	2031	1787	1574	1361
-55°	3154	2961	2783	2601	2420	2212	1992	1776	1581	1385	1212
-57.5°	2726	2557	2415	2267	2114	1930	1741	1559	1397	1235	1075
-60°	2349	2201	2080	1951	1814	1660	1511	1366	1227	1094	956
-62.5°	1992	1873	1764	1654	1544	1427	1299	1182	1074	963	838
-65°	1655	1562	1470	1381	1290	1197	1095	1003	914	824	716
-67.5°	1347	1274	1200	1126	1055	980	903	826	754	680	593
-70°	1084	1030	971	910	851	793	733	671	605	545	485
-72.5°	875	836	792	743	690	639	591	542	492	441	388
-75°	707	678	645	604	561	517	476	435	389	339	290
-77.5°	560	542	522	489	455	421	385	339	293	247	206
-80°	420	411	399	371	342	313	282	243	203	166	136
-82.5°	277	271	264	244	225	207	187	160	133	108	86
-85°	151	147	141	132	123	114	105	89	75	62	50
-87.5°	55	53	52	50	48	46	44	39	35	30	26
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627450 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-730-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°	18	18	18	18	18	18	18	18	16	15	13
87.5°	0	0	0	0	0	0	0	0	1	2	3
85°	0	0	0	0	0	0	0	0	0	1	2
82.5°	0	0	0	0	1	2	2	2	1	0	0
80°	0	0	0	0	1	3	4	4	3	2	1
77.5°	0	0	0	0	1	2	3	5	5	4	3
75°	0	0	0	0	0	0	1	3	5	6	5
72.5°	0	0	0	1	2	2	1	1	3	5	6
70°	1	0	0	1	2	4	3	3	2	4	6
67.5°	3	3	2	2	3	4	6	5	5	4	6
65°	7	6	6	5	4	4	6	7	7	6	5
62.5°	10	10	10	9	8	7	6	8	9	8	7
60°	13	14	13	12	11	10	9	9	10	10	9
57.5°	19	18	18	16	14	13	12	12	12	12	10
55°	33	23	23	21	18	16	15	15	14	14	12
52.5°	83	46	30	27	24	19	18	17	16	16	14
50°	153	99	56	35	30	26	21	20	19	18	16
47.5°	246	171	111	56	39	32	27	23	22	20	17
45°	378	252	174	110	52	44	33	26	24	22	19
42.5°	526	369	245	166	99	61	39	31	26	24	21
40°	671	510	329	230	149	82	57	37	29	27	23
37.5°	832	659	461	297	200	125	78	44	33	29	25
35°	1031	825	592	396	265	165	101	55	40	32	27
32.5°	1229	990	735	510	333	202	131	79	49	35	29
30°	1429	1141	869	616	411	262	164	102	59	37	32
27.5°	1608	1284	995	727	503	324	198	124	71	42	34
25°	1812	1439	1118	833	587	389	233	146	87	51	36
22.5°	2073	1597	1233	929	670	452	279	175	105	60	39
20°	2333	1752	1345	1050	760	522	331	203	122	70	41
17.5°	2588	1951	1509	1173	857	588	380	231	138	79	43
15°	2816	2178	1669	1289	951	649	425	259	153	89	46
12.5°	3008	2374	1820	1398	1042	704	466	285	167	100	50
10°	3167	2540	1960	1499	1128	754	503	311	183	111	55
7.5°	3293	2677	2088	1590	1207	801	543	339	199	122	59
5°	3389	2784	2186	1656	1269	844	580	364	214	132	64
2.5°	3451	2863	2260	1707	1319	880	613	387	227	141	68
0°	3487	2919	2315	1746	1358	909	640	407	239	149	72
-2.5°	3520	2956	2363	1815	1384	957	658	425	258	155	79
-5°	3530	2972	2395	1868	1400	996	670	439	275	160	86
-7.5°	3512	2962	2406	1899	1408	1023	677	451	288	164	92
-10°	3472	2930	2391	1889	1418	1032	681	459	298	167	96
-12.5°	3412	2882	2360	1869	1416	1027	693	465	303	169	100
-15°	3333	2818	2312	1840	1399	1014	695	468	303	172	102
-17.5°	3241	2742	2247	1802	1366	996	689	465	300	177	104
-20°	3148	2656	2171	1757	1316	972	673	456	294	181	107

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CATALOG NUMBER: GFLD-SA4D-730-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°	3040	2558	2105	1695	1262	942	647	442	286	182	107
-25°	2915	2444	2025	1610	1219	909	620	421	276	182	107
-27.5°	2774	2322	1932	1516	1175	863	594	406	267	179	106
-30°	2616	2206	1820	1426	1121	814	561	389	263	176	103
-32.5°	2447	2077	1700	1357	1059	762	531	370	257	171	103
-35°	2288	1936	1577	1278	994	732	511	349	248	165	103
-37.5°	2117	1788	1480	1195	925	697	495	339	236	158	103
-40°	1953	1648	1368	1116	874	657	470	328	224	148	102
-42.5°	1788	1516	1261	1031	826	619	437	312	215	143	99
-45°	1635	1380	1146	956	772	570	412	292	203	139	97
-47.5°	1474	1241	1042	874	703	517	381	276	190	134	96
-50°	1309	1110	944	784	617	472	347	256	185	130	93
-52.5°	1164	994	844	692	553	420	321	236	178	127	90
-55°	1039	885	746	616	491	382	292	226	170	123	86
-57.5°	929	783	665	548	440	346	272	214	162	117	82
-60°	821	702	591	487	392	314	256	201	152	110	78
-62.5°	722	617	521	427	349	288	238	185	140	101	73
-65°	618	529	447	374	310	258	214	167	124	90	66
-67.5°	510	444	381	319	268	224	187	144	105	77	58
-70°	425	367	313	265	223	187	153	116	85	66	49
-72.5°	338	291	247	208	178	148	117	89	71	54	40
-75°	250	218	190	163	136	109	89	71	56	42	34
-77.5°	182	159	137	121	102	84	67	52	42	35	29
-80°	123	111	100	88	73	59	49	40	34	28	23
-82.5°	78	71	66	60	51	43	36	30	26	21	19
-85°	46	43	39	36	31	27	25	23	21	19	17
-87.5°	26	26	25	25	24	22	21	20	19	17	15
-90°	0	0	0	0	0	0	0	0	1	3	4

Classified

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

Scaled Data Report



REPORT NUMBER: P627450 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	12	11	9	7	6	6	6
87.5°	4	5	5	6	6	6	6
85°	3	4	5	6	6	6	6
82.5°	1	3	4	5	6	6	6
80°	0	2	4	5	6	6	6
77.5°	2	2	4	5	6	6	6
75°	3	3	3	5	6	6	6
72.5°	5	4	4	5	6	6	6
70°	6	5	4	5	6	6	6
67.5°	6	6	5	5	6	6	6
65°	6	6	5	5	6	6	6
62.5°	7	7	6	5	6	6	6
60°	7	7	6	6	6	6	6
57.5°	9	8	7	6	6	6	6
55°	10	8	7	6	6	6	6
52.5°	12	9	8	6	6	6	6
50°	13	10	8	6	6	6	6
47.5°	14	12	9	6	7	6	6
45°	16	13	10	7	7	6	6
42.5°	17	14	11	7	7	6	6
40°	19	15	11	8	7	6	6
37.5°	20	16	12	9	7	6	6
35°	21	17	13	10	8	6	6
32.5°	22	18	14	10	8	6	6
30°	24	19	15	11	8	6	6
27.5°	26	20	16	12	8	6	6
25°	28	21	17	12	9	6	6
22.5°	30	22	17	13	9	6	6
20°	31	23	18	14	9	6	6
17.5°	33	24	19	14	10	6	6
15°	35	25	20	15	10	6	6
12.5°	36	26	21	16	10	6	6
10°	38	27	21	16	11	6	6
7.5°	39	28	22	17	11	6	6
5°	40	28	23	17	11	6	6
2.5°	41	29	23	17	12	6	6
0°	42	30	24	18	12	6	6
-2.5°	44	31	24	18	12	6	6
-5°	46	31	25	18	12	6	6
-7.5°	48	32	25	18	12	6	6
-10°	50	32	26	18	12	6	6
-12.5°	51	32	26	17	12	6	6
-15°	52	33	26	17	12	6	6
-17.5°	52	33	26	17	11	6	6
-20°	53	33	26	17	11	6	6

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Scaled Data Report



REPORT NUMBER: P627450 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-730-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	57	33	25	17	11	6	6
-25°	59	36	25	16	11	6	6
-27.5°	62	38	24	16	11	6	6
-30°	63	41	24	16	10	6	6
-32.5°	64	43	24	15	10	6	6
-35°	66	44	25	15	10	6	6
-37.5°	67	45	26	14	10	6	6
-40°	68	46	26	14	9	6	6
-42.5°	69	46	26	13	9	6	6
-45°	68	45	26	14	8	6	6
-47.5°	67	45	26	13	8	6	6
-50°	66	44	25	13	8	6	6
-52.5°	64	42	25	13	7	6	6
-55°	62	41	24	13	7	6	6
-57.5°	59	38	22	12	6	6	6
-60°	56	36	21	12	6	6	6
-62.5°	51	33	20	11	6	6	6
-65°	46	29	18	10	6	6	6
-67.5°	41	26	17	10	6	6	6
-70°	35	24	15	9	6	6	6
-72.5°	31	21	14	8	6	6	6
-75°	27	19	12	8	6	6	6
-77.5°	23	16	11	8	6	6	6
-80°	18	14	11	8	6	6	6
-82.5°	16	13	10	8	6	6	6
-85°	15	12	10	8	6	6	6
-87.5°	14	11	10	8	6	6	6
-90°	6	6	6	6	6	6	6

(END OF REPORT)