

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: P628016 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-750-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P628016 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-16)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6E-750-U-MWR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (96) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 47416.7 lumens
Efficiency: N/A
Efficacy: 125.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 66430.3 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 31759.6 lumens
Beam Efficiency: 67.0%

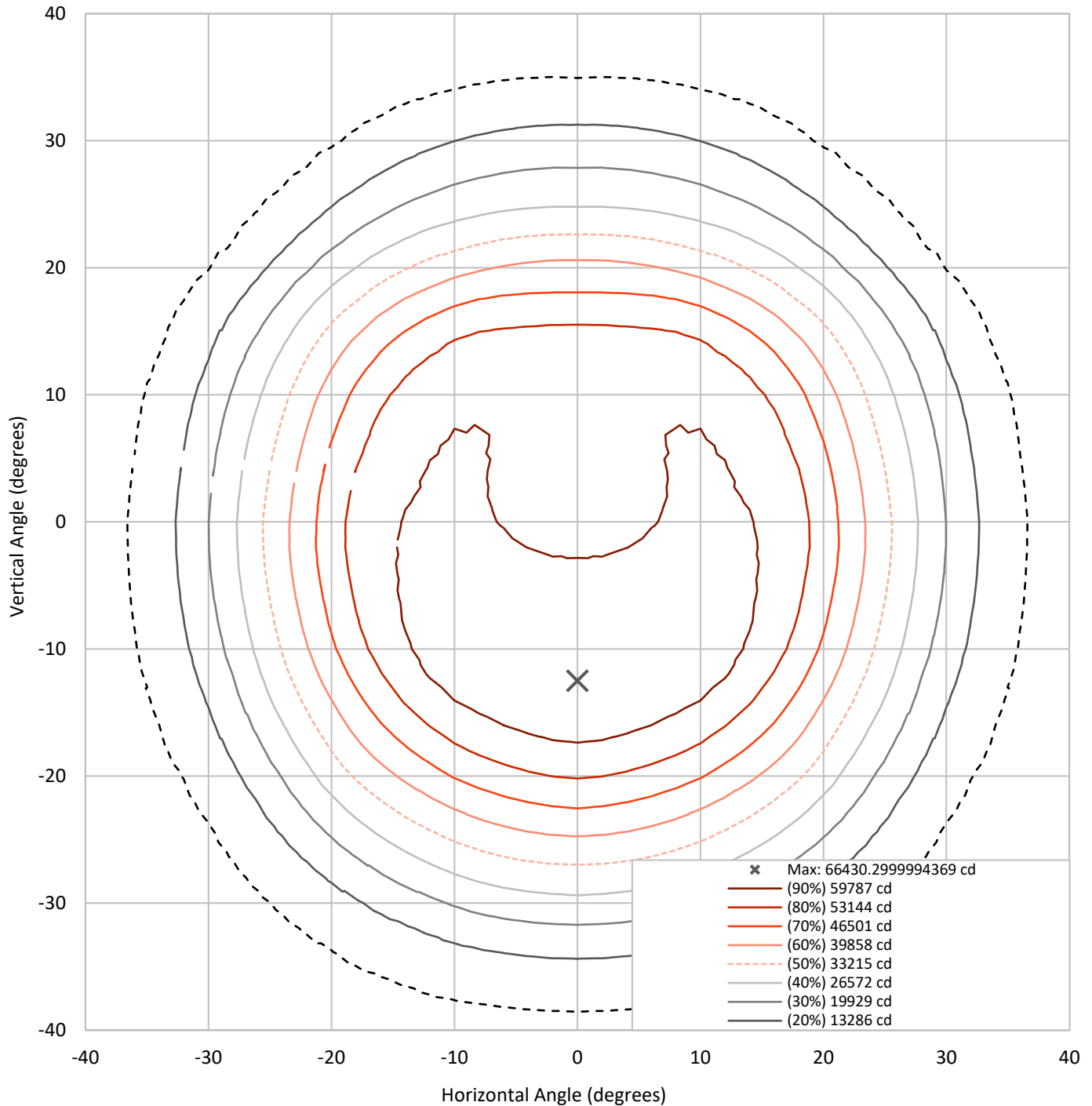
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 42738.9 lumens
Field Efficiency: 90.1%

Input Watts (W): 376.7
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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CATALOG NUMBER: GFLD-SA6E-750-U-MWR-VSR-XX

Iso-Candela Plot





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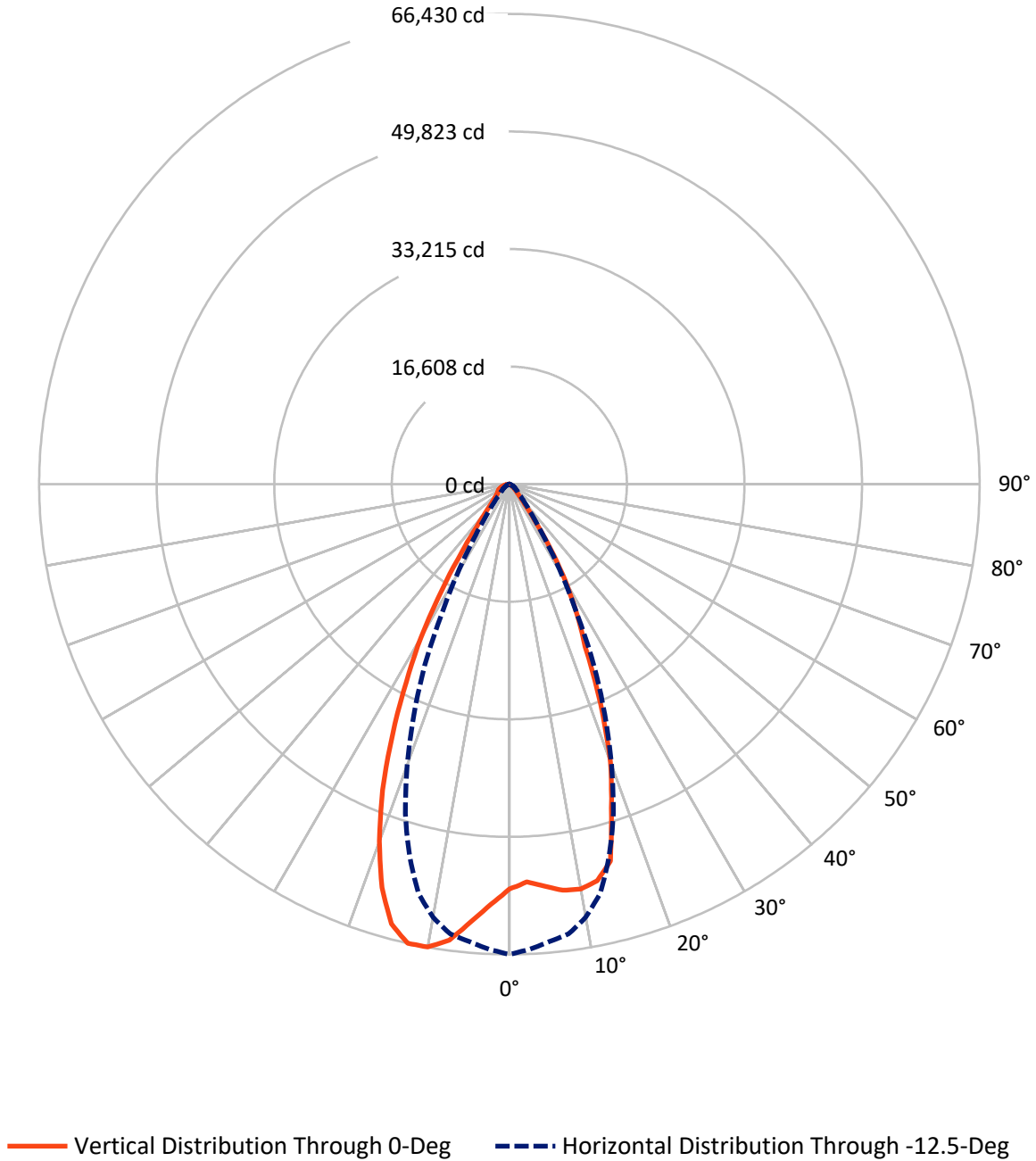
CATALOG NUMBER: GFLD-SA6E-750-U-MWR-VSR-XX

Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
70																			
60	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1				
50		0.1	0.3	1.5	3.9	6.5	9.0	10.5	10.5	9.0	6.5	3.9	1.5	0.3		0.1			
40	0.3	0.3	1.8	6.7	13.3	21.8	32.5	39.9	39.9	32.5	21.8	13.3	6.7	1.8	0.3				
30		0.8	5.3	13.7	28.5	61.6	140.0	213.7	213.7	140.0	61.6	28.5	13.7	5.3	0.8				
20	0.5	1.9	8.8	22.1	59.5	220.5	567.6	793.4	793.4	567.6	220.5	59.5	22.1	8.8	1.9				
10		3.1	12.4	34.2	141.6	612.1	1277.0	1581.0	1581.0	1277.0	612.1	141.6	34.2	12.4	3.1				
0	1.0	4.1	15.3	44.1	225.5	901.4	1646.4	1784.9	1784.9	1646.4	901.4	225.5	44.1	15.3	4.1				
-10		4.9	16.9	47.2	235.9	931.0	1705.7	1894.5	1894.5	1705.7	931.0	235.9	47.2	16.9	4.9				
-20	1.3	5.2	17.1	43.0	168.8	693.1	1439.0	1837.3	1837.3	1439.0	693.1	168.8	43.0	17.1	5.2				
-30		5.0	16.3	35.7	94.4	336.3	801.8	1128.3	1128.3	801.8	336.3	94.4	35.7	16.3	5.0				
-40	1.2	4.4	14.6	29.6	56.3	119.8	250.5	371.7	371.7	250.5	119.8	56.3	29.6	14.6	4.4				
-50		3.7	12.2	24.7	41.1	60.8	85.5	101.3	101.3	85.5	60.8	41.1	24.7	12.2	3.7				
-60	0.9	2.8	9.2	19.4	32.3	44.8	55.9	61.1	61.1	55.9	44.8	32.3	19.4	9.2	2.8				
-70		1.9	5.9	13.3	22.7	32.0	40.6	45.3	45.3	40.6	32.0	22.7	13.3	5.9	1.9				
-80	0.4	5.2	23.9	50.8	65.2	50.8	23.9	5.2	0.4										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

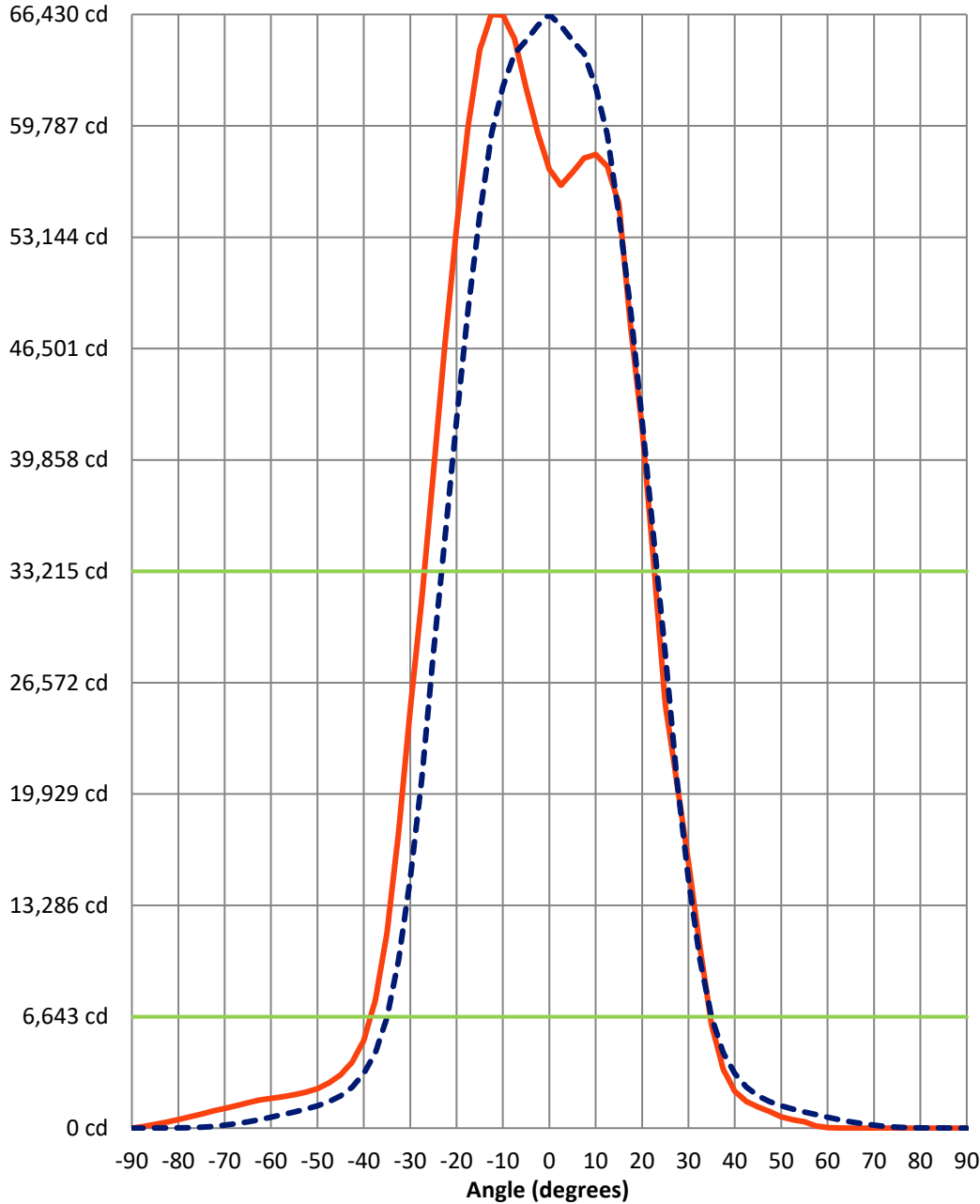
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 31759.6
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 42738.9
 Efficiency: 90.1%

Spill:
 Lumens: 4677.8
 Efficiency: 9.9%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through -12.5-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°	0	0	0	0	0	0	0	0	0	0	0
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	1	0	0	0	0	0
72.5°	0	0	0	0	1	2	1	0	0	0	0
70°	0	0	0	0	2	2	1	0	0	0	0
67.5°	0	0	0	1	3	3	1	0	0	2	1
65°	0	0	0	2	4	4	1	0	2	3	3
62.5°	0	0	0	3	6	4	2	2	5	6	7
60°	0	0	0	5	7	5	2	5	8	8	10
57.5°	0	0	1	6	7	5	4	8	9	10	11
55°	0	0	2	7	7	5	6	11	10	11	11
52.5°	0	0	2	8	8	6	8	11	11	11	11
50°	0	0	3	9	8	7	10	12	11	11	13
47.5°	0	0	4	10	8	8	11	12	11	11	15
45°	0	0	5	11	9	9	12	13	12	14	18
42.5°	0	0	5	11	9	10	13	14	12	17	22
40°	0	0	6	11	9	10	14	15	14	20	26
37.5°	0	0	6	11	10	11	16	15	18	25	30
35°	0	0	7	11	10	12	17	16	22	31	41
32.5°	0	0	7	11	11	13	18	17	26	39	65
30°	0	0	8	11	11	14	19	18	30	48	87
27.5°	0	0	8	11	11	15	20	22	36	58	108
25°	0	0	9	11	11	16	20	25	44	73	126
22.5°	0	0	9	11	11	18	21	29	53	90	149
20°	0	0	10	11	11	18	22	32	62	104	172
17.5°	0	0	10	11	11	19	22	36	71	117	196
15°	0	0	10	11	11	20	24	41	81	129	220
12.5°	0	0	10	11	11	20	25	48	90	140	243
10°	0	0	11	11	11	21	26	56	98	157	265
7.5°	0	0	11	11	11	21	28	64	105	175	282
5°	0	0	11	11	11	22	30	72	111	194	296
2.5°	0	0	11	11	11	22	31	80	116	212	307
0°	0	0	11	11	11	22	33	87	120	229	316
-2.5°	0	0	11	11	12	23	38	90	135	239	333
-5°	0	0	11	11	13	24	44	93	150	248	347
-7.5°	0	1	11	11	14	25	49	95	162	255	360
-10°	0	1	11	11	14	26	53	96	173	262	369
-12.5°	0	1	10	11	15	26	57	98	180	267	376
-15°	0	1	10	11	16	27	60	99	183	270	380
-17.5°	0	2	10	11	16	28	61	102	182	271	379
-20°	0	2	10	11	17	28	62	106	179	269	375

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CATALOG NUMBER: GFLD-SA6E-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	2	10	11	17	28	62	109	177	266	365
-25°	0	2	10	11	17	30	62	110	173	260	351
-27.5°	0	2	10	11	16	32	62	110	169	253	343
-30°	0	2	9	11	16	33	61	108	167	246	333
-32.5°	0	2	9	11	17	35	59	106	164	238	320
-35°	0	3	9	11	17	35	59	103	160	231	304
-37.5°	0	3	9	11	18	36	60	100	153	223	299
-40°	0	3	9	11	18	36	60	96	144	214	294
-42.5°	0	3	9	11	18	36	59	92	137	203	285
-45°	0	3	9	12	19	36	58	88	131	191	271
-47.5°	0	3	9	12	20	35	56	85	124	176	254
-50°	0	3	9	12	20	34	55	82	118	169	235
-52.5°	0	3	9	13	20	33	53	78	113	160	214
-55°	0	3	9	13	20	32	51	73	107	149	201
-57.5°	0	2	9	13	20	31	48	70	101	140	187
-60°	0	2	9	13	19	30	46	66	93	130	172
-62.5°	0	2	9	13	19	28	43	62	87	119	158
-65°	0	2	8	13	18	26	39	57	79	108	142
-67.5°	0	2	8	13	18	25	36	51	70	96	126
-70°	0	2	7	13	17	23	31	45	62	82	108
-72.5°	0	2	6	12	17	22	29	38	53	70	90
-75°	0	1	5	10	16	21	27	34	43	58	74
-77.5°	0	1	5	9	14	19	24	31	38	46	58
-80°	0	1	4	7	11	16	22	27	33	39	47
-82.5°	0	1	3	5	8	12	17	22	27	33	38
-85°	0	0	2	4	6	8	11	15	19	23	28
-87.5°	0	0	1	2	3	4	6	7	9	11	14
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P628016 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0	0	0	0	0	0	0	0	0	0	0
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	1	1	0	0	0	0	0	0	0
67.5°	1	3	4	2	0	0	0	1	0	0	0
65°	5	7	5	3	0	3	4	3	0	0	0
62.5°	10	9	6	5	6	8	6	4	1	3	4
60°	11	9	8	9	11	10	7	8	9	11	26
57.5°	11	10	10	12	12	11	14	15	39	65	72
55°	11	11	12	15	16	19	29	61	91	112	121
52.5°	12	12	17	20	25	41	75	111	140	162	192
50°	14	18	22	30	48	85	127	166	204	239	280
47.5°	18	23	33	48	88	136	186	237	281	330	389
45°	23	35	47	84	135	195	258	314	360	416	470
42.5°	28	53	80	120	191	263	334	380	431	493	563
40°	45	74	114	175	252	338	401	450	504	591	676
37.5°	67	105	152	231	323	407	467	528	607	706	808
35°	91	134	202	291	394	471	538	614	722	836	958
32.5°	116	161	252	353	449	532	607	719	833	960	1126
30°	140	202	301	411	501	588	694	818	932	1086	1281
27.5°	166	244	351	459	551	641	781	902	1031	1207	1441
25°	194	289	398	502	597	711	865	994	1126	1351	1666
22.5°	228	331	443	542	642	786	951	1110	1284	1508	1897
20°	264	370	484	591	686	857	1042	1237	1474	1785	2295
17.5°	297	407	524	639	758	934	1140	1371	1665	2053	2802
15°	327	439	563	687	827	1012	1239	1523	1878	2360	3292
12.5°	355	468	600	735	888	1083	1325	1635	2055	2748	3919
10°	380	493	636	780	941	1146	1401	1729	2198	3026	4387
7.5°	400	521	669	824	988	1200	1465	1805	2324	3244	4752
5°	418	553	698	856	1023	1245	1518	1864	2431	3404	5034
2.5°	434	583	721	882	1048	1280	1560	1920	2534	3536	5272
0°	447	610	741	904	1067	1307	1590	1961	2614	3627	5457
-2.5°	462	624	766	921	1098	1326	1605	1990	2640	3640	5420
-5°	475	633	788	933	1122	1337	1608	2001	2637	3611	5308
-7.5°	485	639	803	944	1135	1343	1610	1995	2609	3551	5127
-10°	493	646	809	956	1139	1342	1602	1970	2547	3434	4854
-12.5°	504	653	810	962	1137	1334	1581	1926	2450	3258	4503
-15°	511	657	809	961	1132	1320	1547	1864	2319	3024	4068
-17.5°	514	657	805	953	1123	1299	1501	1791	2200	2819	3756
-20°	513	655	801	937	1110	1276	1470	1734	2099	2622	3378

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CATALOG NUMBER: GFLD-SA6E-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	508	651	794	924	1088	1253	1434	1665	1971	2400	3011
-25°	498	643	784	915	1064	1226	1387	1590	1857	2236	2744
-27.5°	480	629	768	902	1038	1195	1347	1530	1764	2056	2462
-30°	457	611	747	882	1016	1162	1308	1463	1668	1922	2249
-32.5°	433	591	724	855	989	1128	1266	1410	1585	1797	2052
-35°	416	564	700	824	956	1091	1223	1357	1501	1689	1908
-37.5°	406	537	675	792	917	1049	1176	1304	1437	1585	1783
-40°	393	510	646	764	877	1004	1127	1248	1371	1519	1672
-42.5°	376	491	615	735	843	960	1077	1193	1317	1453	1596
-45°	361	467	586	697	806	915	1029	1137	1258	1387	1519
-47.5°	340	441	554	653	760	869	979	1087	1193	1313	1441
-50°	316	411	514	609	705	813	922	1031	1136	1238	1349
-52.5°	291	375	473	567	654	745	857	968	1072	1173	1271
-55°	263	342	430	522	610	690	786	898	1002	1100	1202
-57.5°	241	307	389	476	562	645	734	828	930	1026	1124
-60°	221	276	345	426	511	593	679	767	860	953	1040
-62.5°	201	248	304	372	451	534	614	697	784	863	942
-65°	181	220	267	323	386	460	538	618	697	767	834
-67.5°	160	194	232	274	329	391	454	526	599	667	732
-70°	138	168	201	236	277	328	385	443	502	562	624
-72.5°	115	142	169	198	235	277	322	369	420	472	525
-75°	94	115	139	164	194	229	266	306	347	389	432
-77.5°	74	92	111	131	154	181	211	242	275	308	341
-80°	57	69	85	101	119	138	159	180	205	232	260
-82.5°	45	54	64	74	86	99	112	128	147	166	186
-85°	33	38	44	50	57	64	73	81	93	106	118
-87.5°	16	19	22	25	28	32	35	39	44	50	56
-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°	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0
62.5°	3	3	4	4	3	2	5	7	8	8	9
60°	29	21	28	35	35	26	39	44	41	33	34
57.5°	76	82	94	110	122	129	139	151	159	163	168
55°	140	168	197	211	234	270	301	304	309	317	335
52.5°	224	257	272	298	344	373	388	413	440	466	490
50°	325	353	386	427	472	500	510	555	609	653	680
47.5°	428	464	524	597	636	668	713	771	831	895	945
45°	522	589	665	730	781	836	898	969	1063	1152	1219
42.5°	630	705	781	858	913	1007	1113	1197	1333	1452	1527
40°	756	830	940	1033	1148	1266	1450	1621	1792	1990	2135
37.5°	907	1022	1177	1327	1497	1672	2001	2337	2612	2998	3212
35°	1089	1266	1486	1709	1982	2403	2883	3533	4208	4771	5312
32.5°	1299	1525	1828	2229	2686	3362	4083	5280	6445	7610	8753
30°	1505	1834	2298	2848	3599	4669	6029	7877	9880	11634	13222
27.5°	1780	2248	2848	3671	4950	6519	9028	11595	14146	16422	18058
25°	2113	2739	3589	4951	6797	9399	12762	15909	18903	21135	23015
22.5°	2594	3532	4739	6473	9824	13442	17467	21427	24789	27602	29455
20°	3189	4457	6477	9618	13560	18085	23265	27430	31571	34736	37563
17.5°	4030	6050	8901	12892	17602	23637	28971	33616	38873	42108	44992
15°	4787	7384	11448	16539	22058	28455	34745	40434	45509	49064	52288
12.5°	5744	8802	13473	19463	25499	32620	39158	45250	50221	53879	56135
10°	6603	10254	15497	21760	28518	35957	42733	49074	53889	56716	58376
7.5°	7295	11462	17136	23727	30861	38349	45507	51800	56407	58773	59906
5°	7831	12357	18419	25339	32749	40410	47716	53876	57756	59712	60345
2.5°	8234	12981	19283	26400	34023	41933	49392	55463	58773	60184	60394
0°	8507	13419	19845	27067	35116	42479	50299	56464	59612	60745	60854
-2.5°	8442	13260	19820	26825	34990	42724	50444	56528	59896	61418	61666
-5°	8270	12887	19163	26139	33995	41740	49103	55527	59661	61960	62978
-7.5°	7939	12243	18039	24827	32383	40136	47643	54309	59066	62300	64292
-10°	7374	11300	16601	23167	30614	38001	45424	52341	57465	61358	64133
-12.5°	6604	10022	14848	20817	28302	35200	42228	48856	54447	59248	62116
-15°	5809	8692	13026	18487	25005	31797	38290	44793	50313	54803	58379
-17.5°	5242	7526	10916	15696	21418	27862	34197	40171	45152	49372	53124
-20°	4525	6221	8906	12925	17963	23595	29664	34981	39429	43386	46970



REPORT NUMBER: P628016 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3954	5328	7267	10009	14534	19503	24466	29362	33543	37067	40126
-25°	3436	4400	5916	8145	11088	15379	19561	23695	27556	30831	33586
-27.5°	3029	3796	4806	6393	8627	11131	14795	18250	21569	24565	27162
-30°	2659	3234	4024	5017	6535	8396	10600	13183	15830	18194	20555
-32.5°	2393	2802	3345	4082	4933	6264	7597	9335	11011	12735	14428
-35°	2154	2484	2853	3346	3929	4707	5584	6646	7542	8671	9712
-37.5°	1991	2222	2505	2816	3233	3667	4261	4906	5462	6090	6619
-40°	1855	2037	2228	2438	2725	3017	3401	3764	4116	4499	4785
-42.5°	1741	1887	2025	2187	2357	2592	2849	3075	3289	3515	3702
-45°	1652	1761	1872	1998	2126	2296	2479	2648	2787	2913	3015
-47.5°	1555	1653	1751	1848	1959	2082	2202	2310	2426	2523	2594
-50°	1461	1558	1647	1731	1826	1923	2018	2104	2186	2259	2303
-52.5°	1369	1469	1556	1633	1714	1794	1872	1950	2021	2086	2116
-55°	1299	1391	1480	1549	1617	1684	1754	1827	1895	1957	1976
-57.5°	1222	1316	1401	1465	1527	1588	1653	1720	1785	1843	1862
-60°	1134	1232	1307	1367	1431	1497	1558	1619	1678	1729	1750
-62.5°	1028	1116	1185	1245	1302	1356	1422	1487	1549	1600	1631
-65°	903	979	1045	1105	1161	1214	1276	1335	1392	1437	1469
-67.5°	793	853	908	961	1015	1069	1127	1182	1236	1275	1301
-70°	684	740	791	841	889	936	984	1030	1076	1110	1136
-72.5°	578	626	670	715	759	801	842	881	920	950	975
-75°	478	519	557	595	631	665	696	727	757	783	805
-77.5°	376	410	443	475	506	533	557	581	603	625	645
-80°	288	312	336	360	384	404	423	441	459	475	491
-82.5°	207	223	238	254	270	285	298	311	324	336	347
-85°	131	140	149	158	167	175	183	191	199	207	214
-87.5°	62	67	71	75	79	83	87	91	95	98	102
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P628016 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0
62.5°	10	10	11	11	11	10	10	9	8	8	7
60°	34	32	32	33	32	32	34	34	33	41	44
57.5°	164	153	142	131	142	153	164	168	163	159	151
55°	356	376	384	381	384	376	356	335	317	309	304
52.5°	506	515	513	501	513	515	506	490	466	440	413
50°	691	692	686	675	686	692	691	680	653	609	555
47.5°	971	986	992	991	992	986	971	945	895	831	771
45°	1245	1260	1265	1264	1265	1260	1245	1219	1152	1063	969
42.5°	1566	1590	1598	1590	1598	1590	1566	1527	1452	1333	1197
40°	2219	2247	2234	2200	2234	2247	2219	2135	1990	1792	1621
37.5°	3362	3471	3517	3518	3517	3471	3362	3212	2998	2612	2337
35°	5799	6188	6366	6143	6366	6188	5799	5312	4771	4208	3533
32.5°	9686	10374	10761	10761	10761	10374	9686	8753	7610	6445	5280
30°	14421	15283	15767	15870	15767	15283	14421	13222	11634	9880	7877
27.5°	19333	20223	20686	20619	20686	20223	19333	18058	16422	14146	11595
25°	24261	24935	25324	25335	25324	24935	24261	23015	21135	18903	15909
22.5°	31541	32960	33544	33700	33544	32960	31541	29455	27602	24789	21427
20°	39477	40852	41739	41793	41739	40852	39477	37563	34736	31571	27430
17.5°	47038	47720	47846	47903	47846	47720	47038	44992	42108	38873	33616
15°	54165	54404	55034	55114	55034	54404	54165	52288	49064	45509	40434
12.5°	57551	57769	57661	57368	57661	57769	57551	56135	53879	50221	45250
10°	59395	59087	58628	58076	58628	59087	59395	58376	56716	53889	49074
7.5°	59813	59471	58661	57858	58661	59471	59813	59906	58773	56407	51800
5°	60011	59006	57983	57009	57983	59006	60011	60345	59712	57756	53876
2.5°	59894	58698	57294	56246	57294	58698	59894	60394	60184	58773	55463
0°	60276	59067	57597	57205	57597	59067	60276	60854	60745	59612	56464
-2.5°	61340	60360	59593	59383	59593	60360	61340	61666	61418	59896	56528
-5°	63254	63039	61734	62041	61734	63039	63254	62978	61960	59661	55527
-7.5°	65104	64797	64245	64960	64245	64797	65104	64292	62300	59066	54309
-10°	65596	65495	65753	66387	65753	65495	65596	64133	61358	57465	52341
-12.5°	64088	64878	65763	66430	65763	64878	64088	62116	59248	54447	48856
-15°	60728	62343	63667	64295	63667	62343	60728	58379	54803	50313	44793
-17.5°	55779	57759	59328	59775	59328	57759	55779	53124	49372	45152	40171
-20°	49685	51700	53128	53698	53128	51700	49685	46970	43386	39429	34981



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	42828	44795	46089	46770	46089	44795	42828	40126	37067	33543	29362
-25°	35868	37597	38746	39048	38746	37597	35868	33586	30831	27556	23695
-27.5°	29213	30603	31450	31543	31450	30603	29213	27162	24565	21569	18250
-30°	22518	23809	24543	24932	24543	23809	22518	20555	18194	15830	13183
-32.5°	15815	16839	17460	17623	17460	16839	15815	14428	12735	11011	9335
-35°	10544	11182	11575	11654	11575	11182	10544	9712	8671	7542	6646
-37.5°	7050	7361	7552	7646	7552	7361	7050	6619	6090	5462	4906
-40°	4995	5141	5222	5239	5222	5141	4995	4785	4499	4116	3764
-42.5°	3820	3894	3933	3943	3933	3894	3820	3702	3515	3289	3075
-45°	3087	3139	3170	3181	3170	3139	3087	3015	2913	2787	2648
-47.5°	2641	2674	2694	2701	2694	2674	2641	2594	2523	2426	2310
-50°	2330	2348	2356	2353	2356	2348	2330	2303	2259	2186	2104
-52.5°	2134	2146	2150	2146	2150	2146	2134	2116	2086	2021	1950
-55°	1989	1997	1998	1993	1998	1997	1989	1976	1957	1895	1827
-57.5°	1877	1888	1885	1873	1885	1888	1877	1862	1843	1785	1720
-60°	1766	1780	1780	1775	1780	1780	1766	1750	1729	1678	1619
-62.5°	1657	1679	1682	1677	1682	1679	1657	1631	1600	1549	1487
-65°	1498	1525	1524	1514	1524	1525	1498	1469	1437	1392	1335
-67.5°	1324	1343	1344	1340	1344	1343	1324	1301	1275	1236	1182
-70°	1159	1180	1181	1176	1181	1180	1159	1136	1110	1076	1030
-72.5°	997	1018	1023	1024	1023	1018	997	975	950	920	881
-75°	826	845	843	839	843	845	826	805	783	757	727
-77.5°	665	682	680	675	680	682	665	645	625	603	581
-80°	506	520	517	512	517	520	506	491	475	459	441
-82.5°	358	369	365	359	365	369	358	347	336	324	311
-85°	221	228	228	229	228	228	221	214	207	199	191
-87.5°	105	108	103	98	103	108	105	102	98	95	91
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P628016 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0	0	0	0	0	0	0	0	0	0	0
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	1
65°	0	0	0	0	0	0	0	0	0	0	3
62.5°	5	2	3	4	4	3	3	4	3	1	4
60°	39	26	35	35	28	21	29	26	11	9	8
57.5°	139	129	122	110	94	82	76	72	65	39	15
55°	301	270	234	211	197	168	140	121	112	91	61
52.5°	388	373	344	298	272	257	224	192	162	140	111
50°	510	500	472	427	386	353	325	280	239	204	166
47.5°	713	668	636	597	524	464	428	389	330	281	237
45°	898	836	781	730	665	589	522	470	416	360	314
42.5°	1113	1007	913	858	781	705	630	563	493	431	380
40°	1450	1266	1148	1033	940	830	756	676	591	504	450
37.5°	2001	1672	1497	1327	1177	1022	907	808	706	607	528
35°	2883	2403	1982	1709	1486	1266	1089	958	836	722	614
32.5°	4083	3362	2686	2229	1828	1525	1299	1126	960	833	719
30°	6029	4669	3599	2848	2298	1834	1505	1281	1086	932	818
27.5°	9028	6519	4950	3671	2848	2248	1780	1441	1207	1031	902
25°	12762	9399	6797	4951	3589	2739	2113	1666	1351	1126	994
22.5°	17467	13442	9824	6473	4739	3532	2594	1897	1508	1284	1110
20°	23265	18085	13560	9618	6477	4457	3189	2295	1785	1474	1237
17.5°	28971	23637	17602	12892	8901	6050	4030	2802	2053	1665	1371
15°	34745	28455	22058	16539	11448	7384	4787	3292	2360	1878	1523
12.5°	39158	32620	25499	19463	13473	8802	5744	3919	2748	2055	1635
10°	42733	35957	28518	21760	15497	10254	6603	4387	3026	2198	1729
7.5°	45507	38349	30861	23727	17136	11462	7295	4752	3244	2324	1805
5°	47716	40410	32749	25339	18419	12357	7831	5034	3404	2431	1864
2.5°	49392	41933	34023	26400	19283	12981	8234	5272	3536	2534	1920
0°	50299	42479	35116	27067	19845	13419	8507	5457	3627	2614	1961
-2.5°	50444	42724	34990	26825	19820	13260	8442	5420	3640	2640	1990
-5°	49103	41740	33995	26139	19163	12887	8270	5308	3611	2637	2001
-7.5°	47643	40136	32383	24827	18039	12243	7939	5127	3551	2609	1995
-10°	45424	38001	30614	23167	16601	11300	7374	4854	3434	2547	1970
-12.5°	42228	35200	28302	20817	14848	10022	6604	4503	3258	2450	1926
-15°	38290	31797	25005	18487	13026	8692	5809	4068	3024	2319	1864
-17.5°	34197	27862	21418	15696	10916	7526	5242	3756	2819	2200	1791
-20°	29664	23595	17963	12925	8906	6221	4525	3378	2622	2099	1734



REPORT NUMBER: P628016 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	24466	19503	14534	10009	7267	5328	3954	3011	2400	1971	1665
-25°	19561	15379	11088	8145	5916	4400	3436	2744	2236	1857	1590
-27.5°	14795	11131	8627	6393	4806	3796	3029	2462	2056	1764	1530
-30°	10600	8396	6535	5017	4024	3234	2659	2249	1922	1668	1463
-32.5°	7597	6264	4933	4082	3345	2802	2393	2052	1797	1585	1410
-35°	5584	4707	3929	3346	2853	2484	2154	1908	1689	1501	1357
-37.5°	4261	3667	3233	2816	2505	2222	1991	1783	1585	1437	1304
-40°	3401	3017	2725	2438	2228	2037	1855	1672	1519	1371	1248
-42.5°	2849	2592	2357	2187	2025	1887	1741	1596	1453	1317	1193
-45°	2479	2296	2126	1998	1872	1761	1652	1519	1387	1258	1137
-47.5°	2202	2082	1959	1848	1751	1653	1555	1441	1313	1193	1087
-50°	2018	1923	1826	1731	1647	1558	1461	1349	1238	1136	1031
-52.5°	1872	1794	1714	1633	1556	1469	1369	1271	1173	1072	968
-55°	1754	1684	1617	1549	1480	1391	1299	1202	1100	1002	898
-57.5°	1653	1588	1527	1465	1401	1316	1222	1124	1026	930	828
-60°	1558	1497	1431	1367	1307	1232	1134	1040	953	860	767
-62.5°	1422	1356	1302	1245	1185	1116	1028	942	863	784	697
-65°	1276	1214	1161	1105	1045	979	903	834	767	697	618
-67.5°	1127	1069	1015	961	908	853	793	732	667	599	526
-70°	984	936	889	841	791	740	684	624	562	502	443
-72.5°	842	801	759	715	670	626	578	525	472	420	369
-75°	696	665	631	595	557	519	478	432	389	347	306
-77.5°	557	533	506	475	443	410	376	341	308	275	242
-80°	423	404	384	360	336	312	288	260	232	205	180
-82.5°	298	285	270	254	238	223	207	186	166	147	128
-85°	183	175	167	158	149	140	131	118	106	93	81
-87.5°	87	83	79	75	71	67	62	56	50	44	39
-90°	0	0	0	0	0	0	0	0	0	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P628016 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
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	1	1	0	0	0	0	0	0
67.5°	0	0	0	2	4	3	1	1	2	0	0
65°	4	3	0	3	5	7	5	3	3	2	0
62.5°	6	8	6	5	6	9	10	7	6	5	2
60°	7	10	11	9	8	9	11	10	8	8	5
57.5°	14	11	12	12	10	10	11	11	10	9	8
55°	29	19	16	15	12	11	11	11	11	10	11
52.5°	75	41	25	20	17	12	12	11	11	11	11
50°	127	85	48	30	22	18	14	13	11	11	12
47.5°	186	136	88	48	33	23	18	15	11	11	12
45°	258	195	135	84	47	35	23	18	14	12	13
42.5°	334	263	191	120	80	53	28	22	17	12	14
40°	401	338	252	175	114	74	45	26	20	14	15
37.5°	467	407	323	231	152	105	67	30	25	18	15
35°	538	471	394	291	202	134	91	41	31	22	16
32.5°	607	532	449	353	252	161	116	65	39	26	17
30°	694	588	501	411	301	202	140	87	48	30	18
27.5°	781	641	551	459	351	244	166	108	58	36	22
25°	865	711	597	502	398	289	194	126	73	44	25
22.5°	951	786	642	542	443	331	228	149	90	53	29
20°	1042	857	686	591	484	370	264	172	104	62	32
17.5°	1140	934	758	639	524	407	297	196	117	71	36
15°	1239	1012	827	687	563	439	327	220	129	81	41
12.5°	1325	1083	888	735	600	468	355	243	140	90	48
10°	1401	1146	941	780	636	493	380	265	157	98	56
7.5°	1465	1200	988	824	669	521	400	282	175	105	64
5°	1518	1245	1023	856	698	553	418	296	194	111	72
2.5°	1560	1280	1048	882	721	583	434	307	212	116	80
0°	1590	1307	1067	904	741	610	447	316	229	120	87
-2.5°	1605	1326	1098	921	766	624	462	333	239	135	90
-5°	1608	1337	1122	933	788	633	475	347	248	150	93
-7.5°	1610	1343	1135	944	803	639	485	360	255	162	95
-10°	1602	1342	1139	956	809	646	493	369	262	173	96
-12.5°	1581	1334	1137	962	810	653	504	376	267	180	98
-15°	1547	1320	1132	961	809	657	511	380	270	183	99
-17.5°	1501	1299	1123	953	805	657	514	379	271	182	102
-20°	1470	1276	1110	937	801	655	513	375	269	179	106

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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1434	1253	1088	924	794	651	508	365	266	177	109
-25°	1387	1226	1064	915	784	643	498	351	260	173	110
-27.5°	1347	1195	1038	902	768	629	480	343	253	169	110
-30°	1308	1162	1016	882	747	611	457	333	246	167	108
-32.5°	1266	1128	989	855	724	591	433	320	238	164	106
-35°	1223	1091	956	824	700	564	416	304	231	160	103
-37.5°	1176	1049	917	792	675	537	406	299	223	153	100
-40°	1127	1004	877	764	646	510	393	294	214	144	96
-42.5°	1077	960	843	735	615	491	376	285	203	137	92
-45°	1029	915	806	697	586	467	361	271	191	131	88
-47.5°	979	869	760	653	554	441	340	254	176	124	85
-50°	922	813	705	609	514	411	316	235	169	118	82
-52.5°	857	745	654	567	473	375	291	214	160	113	78
-55°	786	690	610	522	430	342	263	201	149	107	73
-57.5°	734	645	562	476	389	307	241	187	140	101	70
-60°	679	593	511	426	345	276	221	172	130	93	66
-62.5°	614	534	451	372	304	248	201	158	119	87	62
-65°	538	460	386	323	267	220	181	142	108	79	57
-67.5°	454	391	329	274	232	194	160	126	96	70	51
-70°	385	328	277	236	201	168	138	108	82	62	45
-72.5°	322	277	235	198	169	142	115	90	70	53	38
-75°	266	229	194	164	139	115	94	74	58	43	34
-77.5°	211	181	154	131	111	92	74	58	46	38	31
-80°	159	138	119	101	85	69	57	47	39	33	27
-82.5°	112	99	86	74	64	54	45	38	33	27	22
-85°	73	64	57	50	44	38	33	28	23	19	15
-87.5°	35	32	28	25	22	19	16	14	11	9	7
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA6E-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0
75°	0	1	0	0	0	0	0
72.5°	1	2	1	0	0	0	0
70°	1	2	2	0	0	0	0
67.5°	1	3	3	1	0	0	0
65°	1	4	4	2	0	0	0
62.5°	2	4	6	3	0	0	0
60°	2	5	7	5	0	0	0
57.5°	4	5	7	6	1	0	0
55°	6	5	7	7	2	0	0
52.5°	8	6	8	8	2	0	0
50°	10	7	8	9	3	0	0
47.5°	11	8	8	10	4	0	0
45°	12	9	9	11	5	0	0
42.5°	13	10	9	11	5	0	0
40°	14	10	9	11	6	0	0
37.5°	16	11	10	11	6	0	0
35°	17	12	10	11	7	0	0
32.5°	18	13	11	11	7	0	0
30°	19	14	11	11	8	0	0
27.5°	20	15	11	11	8	0	0
25°	20	16	11	11	9	0	0
22.5°	21	18	11	11	9	0	0
20°	22	18	11	11	10	0	0
17.5°	22	19	11	11	10	0	0
15°	24	20	11	11	10	0	0
12.5°	25	20	11	11	10	0	0
10°	26	21	11	11	11	0	0
7.5°	28	21	11	11	11	0	0
5°	30	22	11	11	11	0	0
2.5°	31	22	11	11	11	0	0
0°	33	22	11	11	11	0	0
-2.5°	38	23	12	11	11	0	0
-5°	44	24	13	11	11	0	0
-7.5°	49	25	14	11	11	1	0
-10°	53	26	14	11	11	1	0
-12.5°	57	26	15	11	10	1	0
-15°	60	27	16	11	10	1	0
-17.5°	61	28	16	11	10	2	0
-20°	62	28	17	11	10	2	0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	62	28	17	11	10	2	0
-25°	62	30	17	11	10	2	0
-27.5°	62	32	16	11	10	2	0
-30°	61	33	16	11	9	2	0
-32.5°	59	35	17	11	9	2	0
-35°	59	35	17	11	9	3	0
-37.5°	60	36	18	11	9	3	0
-40°	60	36	18	11	9	3	0
-42.5°	59	36	18	11	9	3	0
-45°	58	36	19	12	9	3	0
-47.5°	56	35	20	12	9	3	0
-50°	55	34	20	12	9	3	0
-52.5°	53	33	20	13	9	3	0
-55°	51	32	20	13	9	3	0
-57.5°	48	31	20	13	9	2	0
-60°	46	30	19	13	9	2	0
-62.5°	43	28	19	13	9	2	0
-65°	39	26	18	13	8	2	0
-67.5°	36	25	18	13	8	2	0
-70°	31	23	17	13	7	2	0
-72.5°	29	22	17	12	6	2	0
-75°	27	21	16	10	5	1	0
-77.5°	24	19	14	9	5	1	0
-80°	22	16	11	7	4	1	0
-82.5°	17	12	8	5	3	1	0
-85°	11	8	6	4	2	0	0
-87.5°	6	4	3	2	1	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)