

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: P627130 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-722-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627130 (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-SA3C-722-U-VWR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (48) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

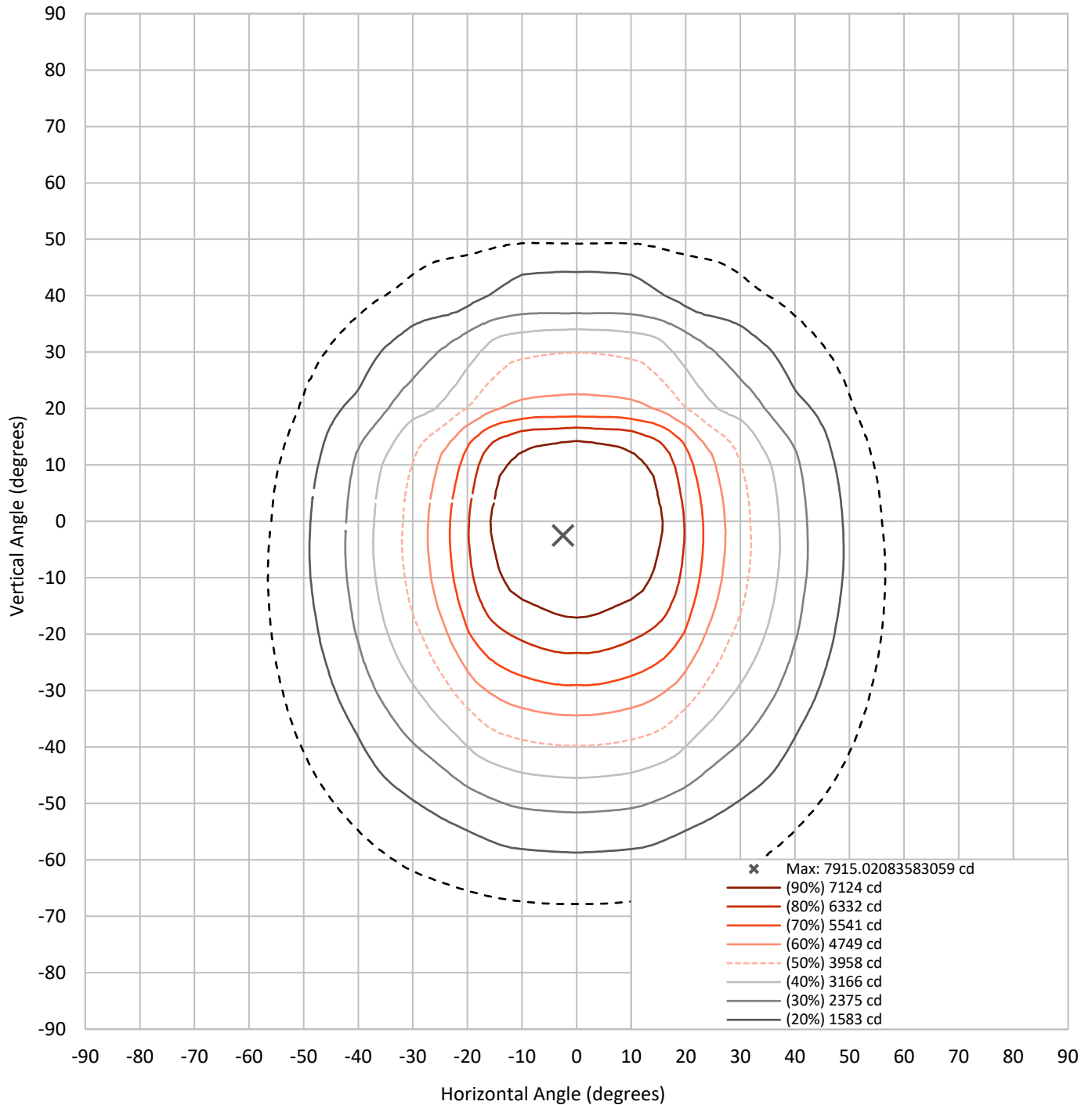
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	10562.9 lumens	Max Intensity:	7915 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	86.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	6111.3 lumens	Field Lumens:	10023.5 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	121.7		
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		



REPORT NUMBER: P627130 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





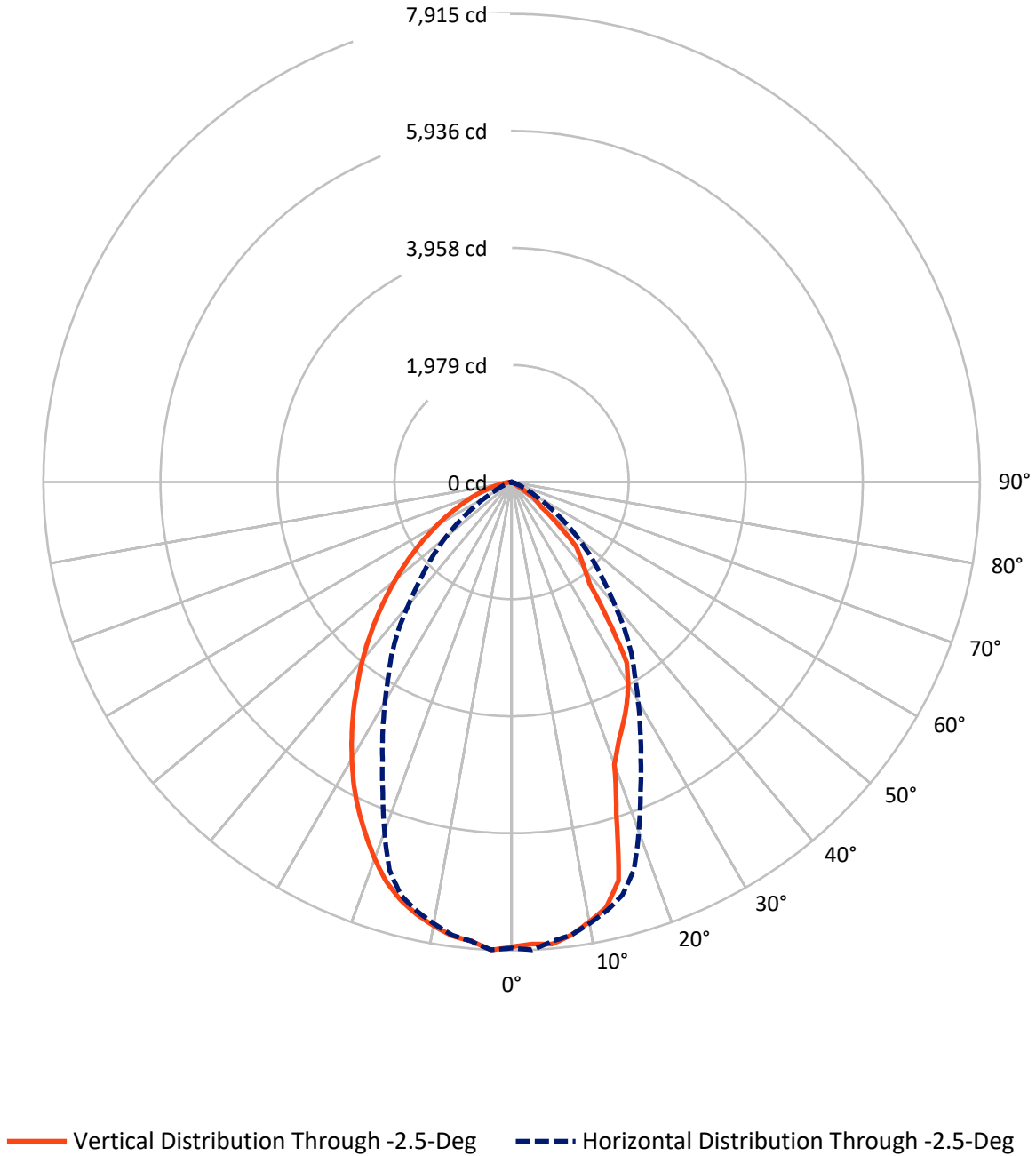
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Lumen Table

90																			
80	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0					
70																			
60	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1				
50		0.1	0.2	1.0	2.9	5.6	8.2	10.3	10.3	8.2	5.6	2.9	1.0	0.2		0.1			
40	0.2	0.2	1.2	5.4	13.1	23.6	34.8	42.6	42.6	34.8	23.6	13.1	5.4	1.2	0.2	0.2			
30		0.5	3.9	13.7	30.6	49.6	74.4	87.0	87.0	74.4	49.6	30.6	13.7	3.9	0.5				
20	0.3	1.2	7.6	24.3	49.3	78.2	117.3	134.8	134.8	117.3	78.2	49.3	24.3	7.6	1.2	0.3			
10		2.0	11.7	36.0	71.1	116.9	174.1	199.7	199.7	174.1	116.9	71.1	36.0	11.7	2.0				
0	0.5	2.7	15.1	42.7	85.0	139.7	205.6	233.3	233.3	205.6	139.7	85.0	42.7	15.1	2.7	0.5			
-10		3.2	16.7	44.4	87.3	143.0	207.1	234.2	234.2	207.1	143.0	87.3	44.4	16.7	3.2				
-20	0.7	3.4	16.3	42.0	82.3	133.8	192.2	217.2	217.2	192.2	133.8	82.3	42.0	16.3	3.4	0.7			
-30		3.1	14.3	36.6	71.1	113.8	161.1	182.5	182.5	161.1	113.8	71.1	36.6	14.3	3.1				
-40	0.7	2.6	11.4	28.8	55.9	87.8	123.1	139.3	139.3	123.1	87.8	55.9	28.8	11.4	2.6	0.7			
-50		2.1	8.4	20.5	40.1	61.7	85.2	96.7	96.7	85.2	61.7	40.1	20.5	8.4	2.1				
-60	0.5	1.6	5.5	13.2	24.9	38.3	52.1	59.4	59.4	52.1	38.3	24.9	13.2	5.5	1.6	0.5			
-70		1.1	3.3	7.7	13.7	20.3	26.9	30.5	30.5	26.9	20.3	13.7	7.7	3.3	1.1				
-80	0.2	2.5	11.4	24.8	27.7	24.8	11.4	2.5	0.2										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

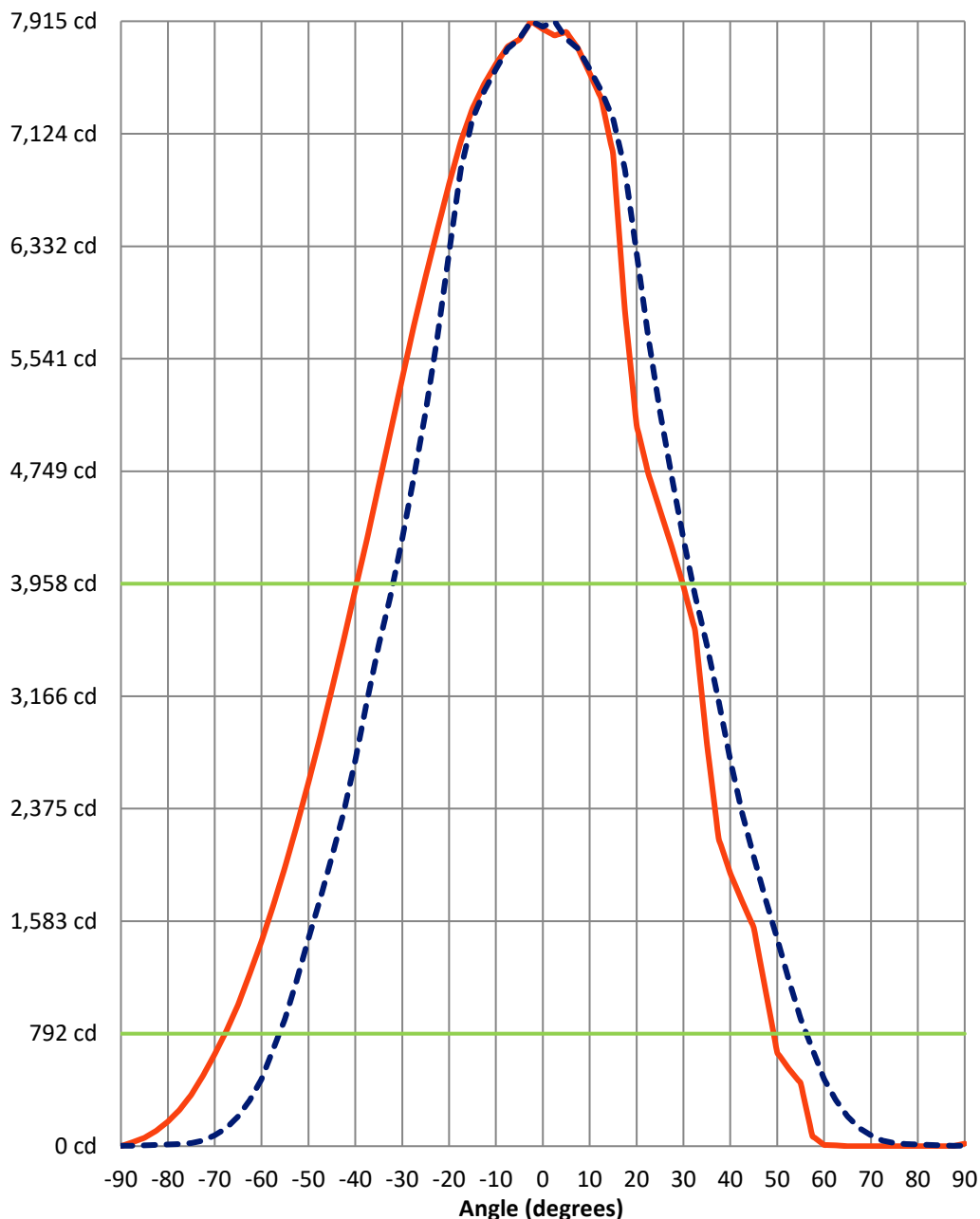
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 6111.3
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 10023.5
 Efficiency: 94.9%

Spill:
 Lumens: 539.4
 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°	3	3	3	4	4	5	6	7	7	8	9
87.5°	3	3	3	3	3	3	2	2	1	0	0
85°	3	3	3	3	2	2	1	1	0	0	0
82.5°	3	3	3	3	2	2	1	0	0	0	1
80°	3	3	3	3	2	1	0	1	1	2	2
77.5°	3	3	3	3	2	1	1	1	2	3	3
75°	3	3	3	2	2	1	2	2	3	2	2
72.5°	3	3	3	2	2	2	2	3	3	2	1
70°	3	3	3	2	2	2	3	3	2	1	1
67.5°	3	3	3	3	2	3	3	3	2	2	3
65°	3	3	3	3	3	3	3	3	3	3	4
62.5°	3	3	3	3	3	3	3	3	4	5	4
60°	3	3	3	3	3	4	4	4	5	5	5
57.5°	3	3	3	3	3	4	4	5	6	6	6
55°	3	3	3	3	4	4	5	6	7	7	7
52.5°	3	3	3	3	4	5	6	7	8	8	9
50°	3	3	3	3	4	5	6	8	9	9	10
47.5°	3	3	3	3	5	6	7	9	10	11	11
45°	3	3	3	3	5	6	8	9	11	12	13
42.5°	3	3	3	4	5	7	9	10	12	13	15
40°	3	3	4	4	6	7	9	11	13	14	18
37.5°	3	3	4	4	6	8	10	12	14	16	21
35°	3	3	4	5	6	8	10	13	16	20	27
32.5°	3	3	4	5	7	9	11	14	17	24	39
30°	3	3	4	5	7	9	12	16	18	29	50
27.5°	3	3	4	6	8	10	13	17	21	35	61
25°	3	3	4	6	8	10	14	18	25	43	72
22.5°	3	3	5	6	9	11	15	19	30	52	86
20°	3	3	5	7	9	11	15	20	34	60	100
17.5°	3	3	5	7	9	12	16	21	39	68	114
15°	3	3	5	7	10	12	17	23	44	76	128
12.5°	3	3	5	8	10	13	18	25	49	83	141
10°	3	3	5	8	11	13	19	27	55	91	154
7.5°	3	3	5	8	11	14	19	29	60	98	167
5°	3	3	6	8	11	14	20	31	65	106	180
2.5°	3	3	6	9	12	14	20	34	70	112	191
0°	3	3	6	9	12	15	21	35	74	118	201
-2.5°	3	3	6	9	12	15	21	35	74	118	201
-5°	3	3	6	9	12	15	23	42	79	136	217
-7.5°	3	3	6	9	12	16	24	45	81	142	223
-10°	3	3	6	9	13	16	25	48	82	147	227
-12.5°	3	3	6	9	13	16	25	49	83	150	230
-15°	3	3	6	9	13	16	25	50	85	149	231
-17.5°	3	3	6	8	13	16	26	52	88	148	230
-20°	3	3	6	8	13	16	26	53	89	145	225

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CATALOG NUMBER: GFLD-SA3C-722-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°	3	3	5	8	13	16	28	53	90	141	218
-25°	3	3	5	8	12	18	29	53	90	136	208
-27.5°	3	3	5	8	12	19	30	52	88	132	201
-30°	3	3	5	8	12	20	31	51	87	130	192
-32.5°	3	3	5	7	12	21	32	51	85	127	183
-35°	3	3	5	7	12	22	32	51	82	122	172
-37.5°	3	3	5	7	13	22	33	51	78	116	168
-40°	3	3	5	7	13	23	34	50	73	111	162
-42.5°	3	3	4	7	13	23	34	49	71	106	154
-45°	3	3	4	7	13	22	34	48	69	100	144
-47.5°	3	3	4	7	13	22	33	47	66	94	136
-50°	3	3	4	7	13	22	33	46	64	91	127
-52.5°	3	3	4	6	12	21	32	44	63	88	116
-55°	3	3	3	6	12	20	31	42	61	84	112
-57.5°	3	3	3	6	11	19	29	41	58	80	106
-60°	3	3	3	6	10	18	28	39	54	75	99
-62.5°	3	3	3	5	10	16	25	36	50	69	91
-65°	3	3	3	5	9	14	23	33	44	61	83
-67.5°	3	3	3	5	8	13	20	29	38	52	71
-70°	3	3	3	4	8	12	17	24	33	42	57
-72.5°	3	3	3	4	7	11	15	20	27	35	44
-75°	3	3	3	4	6	9	13	17	21	27	35
-77.5°	3	3	3	4	6	8	11	14	17	21	26
-80°	3	3	3	4	5	7	9	11	14	17	20
-82.5°	3	3	3	4	5	7	8	9	11	13	15
-85°	3	3	3	4	5	6	7	8	9	10	11
-87.5°	3	3	3	4	5	6	7	8	8	9	10
-90°	3	3	3	3	3	3	3	2	1	1	0



REPORT NUMBER: P627130 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-722-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°	9	9	9	9	9	9	9	9	10	10	11
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°	1	1	0	0	0	0	0	0	0	0	0
80°	2	2	1	0	0	0	0	0	0	0	0
77.5°	2	1	0	0	0	0	0	0	0	0	0
75°	1	0	0	0	0	0	0	0	0	0	0
72.5°	0	1	1	0	0	0	0	0	0	0	0
70°	2	2	1	0	0	0	0	0	0	0	0
67.5°	3	2	1	1	1	2	1	2	2	2	2
65°	3	2	2	3	3	3	3	4	3	3	3
62.5°	3	3	4	4	5	5	5	5	4	4	5
60°	4	5	5	6	7	7	7	7	7	9	17
57.5°	6	6	7	8	9	9	9	10	23	38	42
55°	7	8	9	11	11	11	16	34	52	71	79
52.5°	9	10	12	14	15	23	41	65	91	114	143
50°	11	13	15	17	28	49	76	109	148	184	222
47.5°	13	16	19	27	55	84	121	175	223	267	318
45°	16	22	26	54	86	124	187	252	296	355	445
42.5°	19	30	49	82	121	182	260	316	373	469	564
40°	28	41	74	113	162	252	332	395	473	580	679
37.5°	38	62	99	147	227	326	411	501	592	692	876
35°	50	82	131	195	293	407	509	610	714	911	1094
32.5°	65	100	165	252	363	489	607	724	891	1114	1297
30°	81	129	203	304	429	564	706	847	1068	1253	1452
27.5°	98	160	248	359	491	634	795	996	1193	1375	1595
25°	115	192	290	412	552	711	895	1140	1294	1496	1724
22.5°	138	223	331	459	609	789	1024	1270	1452	1621	1844
20°	163	258	376	519	664	866	1152	1411	1625	1819	2024
17.5°	188	290	423	579	745	964	1278	1565	1800	2016	2272
15°	210	320	470	637	824	1076	1391	1706	1974	2218	2509
12.5°	230	348	515	691	899	1173	1486	1793	2088	2405	2735
10°	249	373	557	740	968	1255	1564	1866	2164	2499	2866
7.5°	268	396	596	786	1031	1322	1627	1924	2225	2574	2951
5°	287	417	627	818	1080	1375	1674	1969	2271	2630	3015
2.5°	303	435	652	843	1116	1414	1705	2006	2305	2676	3064
0°	316	449	671	863	1143	1442	1722	2030	2325	2706	3096
-2.5°	325	473	684	897	1167	1460	1739	2037	2347	2716	3133
-5°	331	492	692	923	1183	1468	1744	2031	2353	2714	3138
-7.5°	335	506	695	938	1188	1463	1735	2021	2343	2704	3115
-10°	337	510	700	933	1181	1447	1715	1998	2316	2674	3070
-12.5°	342	507	699	923	1166	1424	1685	1961	2272	2623	3008
-15°	344	501	691	909	1142	1392	1647	1910	2217	2572	2940
-17.5°	340	492	675	890	1110	1354	1601	1864	2165	2515	2869
-20°	332	480	650	868	1072	1312	1555	1816	2106	2434	2789

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CATALOG NUMBER: GFLD-SA3C-722-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°	320	466	623	837	1040	1264	1501	1750	2031	2330	2681
-25°	306	449	602	795	1000	1207	1440	1670	1944	2237	2549
-27.5°	293	427	580	749	954	1147	1370	1595	1845	2133	2420
-30°	277	402	554	704	899	1090	1292	1513	1739	2012	2294
-32.5°	262	376	523	670	840	1026	1209	1419	1639	1872	2151
-35°	252	361	491	631	779	956	1130	1313	1526	1745	1989
-37.5°	245	344	457	590	731	883	1046	1214	1400	1620	1851
-40°	232	325	432	551	676	814	965	1117	1279	1494	1721
-42.5°	216	306	408	509	623	749	883	1027	1182	1368	1577
-45°	204	282	382	472	566	682	808	938	1084	1244	1432
-47.5°	188	255	347	432	515	613	728	851	981	1125	1279
-50°	171	233	305	387	466	548	647	760	878	1004	1141
-52.5°	159	208	273	342	417	491	575	672	777	883	1003
-55°	144	189	243	304	368	437	513	599	684	781	877
-57.5°	134	171	217	271	328	387	459	531	610	690	770
-60°	126	155	194	241	292	347	406	472	541	606	675
-62.5°	117	142	173	211	257	305	357	414	476	531	584
-65°	106	127	153	185	221	261	305	354	407	452	495
-67.5°	92	110	132	158	188	220	252	293	336	372	408
-70°	75	92	110	131	155	181	210	239	269	299	331
-72.5°	58	73	88	103	122	144	167	192	218	243	268
-75°	44	54	67	81	94	108	124	143	167	192	215
-77.5°	33	42	50	60	68	78	90	102	122	145	168
-80°	24	29	36	43	49	55	61	67	82	100	120
-82.5°	18	21	25	29	32	35	38	43	53	66	79
-85°	12	13	15	18	19	21	23	25	30	37	44
-87.5°	11	11	12	12	12	13	13	13	15	17	19
-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°	12	13	13	14	15	16	16	17	18	18	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	0	0	0	0	0
67.5°	1	2	2	1	1	0	0	0	0	0	0
65°	3	3	2	1	1	1	2	2	2	2	2
62.5°	5	4	4	4	5	6	6	6	5	5	5
60°	17	12	13	17	16	11	18	20	17	12	11
57.5°	44	43	49	72	79	72	86	104	104	89	89
55°	94	127	166	172	199	253	295	277	277	291	336
52.5°	179	210	221	251	308	349	375	403	433	463	494
50°	263	293	326	357	435	478	471	527	600	645	668
47.5°	386	432	503	614	673	715	768	832	915	1027	1114
45°	530	604	713	831	922	963	1024	1123	1255	1384	1478
42.5°	648	749	873	985	1059	1127	1205	1289	1441	1578	1687
40°	803	881	1020	1126	1192	1260	1383	1508	1651	1779	1868
37.5°	998	1086	1231	1351	1415	1438	1648	1823	1939	2102	2156
35°	1208	1353	1537	1693	1755	1880	2097	2340	2604	2701	2784
32.5°	1442	1621	1871	2038	2127	2317	2591	2850	3195	3382	3438
30°	1657	1862	2076	2239	2392	2620	2869	3190	3509	3748	3822
27.5°	1814	2041	2247	2399	2572	2818	3129	3453	3766	4011	4097
25°	1964	2221	2384	2561	2763	3031	3376	3737	4045	4251	4358
22.5°	2135	2388	2563	2713	2977	3286	3607	4014	4341	4505	4621
20°	2311	2597	2868	3008	3236	3628	3986	4371	4686	4858	4979
17.5°	2557	2922	3254	3451	3696	4164	4611	5000	5439	5594	5743
15°	2816	3238	3628	3940	4257	4720	5296	5766	6266	6490	6743
12.5°	3075	3474	3827	4230	4676	5086	5634	6219	6673	6959	7129
10°	3268	3639	3978	4383	4828	5292	5836	6436	6911	7155	7293
7.5°	3372	3727	4085	4495	4938	5432	5993	6588	7074	7310	7447
5°	3450	3791	4161	4593	5041	5542	6102	6690	7133	7384	7557
2.5°	3497	3831	4210	4656	5105	5627	6214	6823	7211	7413	7572
0°	3510	3847	4237	4689	5150	5676	6258	6861	7254	7449	7611
-2.5°	3525	3872	4273	4710	5167	5692	6286	6873	7227	7424	7578
-5°	3515	3874	4274	4693	5153	5673	6243	6792	7162	7375	7529
-7.5°	3483	3847	4243	4646	5097	5623	6191	6720	7094	7319	7487
-10°	3437	3791	4189	4597	5042	5543	6102	6628	6987	7225	7421
-12.5°	3385	3732	4116	4507	4948	5442	5984	6482	6838	7098	7238
-15°	3309	3656	4023	4401	4831	5311	5828	6306	6656	6867	7022
-17.5°	3213	3552	3900	4259	4664	5137	5657	6128	6414	6602	6755
-20°	3109	3423	3753	4092	4484	4952	5464	5874	6143	6325	6468

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627130 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-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°	2991	3293	3595	3919	4304	4733	5185	5582	5871	6036	6169
-25°	2856	3150	3437	3749	4103	4489	4909	5299	5558	5733	5865
-27.5°	2710	2987	3267	3548	3866	4250	4639	5001	5222	5399	5532
-30°	2565	2814	3073	3339	3637	3984	4348	4652	4885	5057	5180
-32.5°	2408	2644	2873	3122	3403	3708	4028	4317	4566	4724	4828
-35°	2247	2475	2685	2911	3159	3422	3717	4003	4249	4373	4474
-37.5°	2079	2307	2506	2694	2908	3152	3439	3712	3924	4031	4122
-40°	1933	2134	2313	2493	2667	2884	3152	3416	3586	3690	3775
-42.5°	1792	1961	2107	2269	2443	2657	2873	3094	3231	3347	3436
-45°	1627	1778	1915	2050	2208	2403	2600	2777	2905	3017	3104
-47.5°	1444	1590	1724	1844	1991	2154	2319	2467	2594	2704	2782
-50°	1274	1405	1535	1657	1784	1916	2050	2180	2300	2407	2473
-52.5°	1122	1242	1356	1463	1574	1685	1796	1915	2026	2128	2180
-55°	984	1093	1195	1285	1375	1463	1558	1667	1769	1864	1901
-57.5°	860	953	1044	1120	1193	1263	1347	1439	1528	1609	1640
-60°	746	820	896	964	1027	1087	1160	1235	1307	1368	1394
-62.5°	642	705	763	817	871	925	984	1043	1102	1149	1172
-65°	541	591	637	682	726	771	817	862	906	939	960
-67.5°	446	484	521	556	593	629	665	700	732	758	778
-70°	362	392	420	449	480	509	536	561	586	604	619
-72.5°	292	316	341	367	391	413	432	451	469	480	488
-75°	235	255	277	298	319	335	349	363	377	377	375
-77.5°	190	208	225	241	258	268	277	286	295	290	281
-80°	140	155	169	183	197	203	207	211	214	207	199
-82.5°	93	102	111	121	130	134	137	139	141	135	128
-85°	52	56	61	65	70	72	75	77	79	75	71
-87.5°	21	22	24	25	25	26	27	28	29	29	29
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627130 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-722-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°	18	18	18	18	18	18	18	18	18	18	17
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°	1	0	0	0	0	0	1	2	2	2	2
62.5°	5	6	6	6	6	6	5	5	5	5	6
60°	10	9	9	9	9	9	10	11	12	17	20
57.5°	82	70	72	80	72	70	82	89	89	104	104
55°	383	427	443	434	443	427	383	336	291	277	277
52.5°	519	537	544	544	544	537	519	494	463	433	403
50°	675	669	659	650	659	669	675	668	645	600	527
47.5°	1127	1107	1099	1114	1099	1107	1127	1114	1027	915	832
45°	1497	1520	1537	1536	1537	1520	1497	1478	1384	1255	1123
42.5°	1708	1720	1724	1720	1724	1720	1708	1687	1578	1441	1289
40°	1896	1911	1919	1926	1919	1911	1896	1868	1779	1651	1508
37.5°	2174	2179	2167	2160	2167	2179	2174	2156	2102	1939	1823
35°	2853	2867	2835	2869	2835	2867	2853	2784	2701	2604	2340
32.5°	3505	3570	3623	3667	3623	3570	3505	3438	3382	3195	2850
30°	3874	3916	3939	3944	3939	3916	3874	3822	3748	3509	3190
27.5°	4145	4189	4217	4237	4217	4189	4145	4097	4011	3766	3453
25°	4407	4447	4474	4485	4474	4447	4407	4358	4251	4045	3737
22.5°	4678	4706	4732	4745	4732	4706	4678	4621	4505	4341	4014
20°	5066	5051	5075	5067	5075	5051	5066	4979	4858	4686	4371
17.5°	5859	5867	5883	5909	5883	5867	5859	5743	5594	5439	5000
15°	6855	6875	6977	7067	6977	6875	6855	6743	6490	6266	5766
12.5°	7287	7356	7367	7393	7367	7356	7287	7129	6959	6673	6219
10°	7431	7551	7548	7579	7548	7551	7431	7293	7155	6911	6436
7.5°	7540	7669	7724	7747	7724	7669	7540	7447	7310	7074	6588
5°	7674	7745	7839	7812	7839	7745	7674	7557	7384	7133	6690
2.5°	7730	7841	7815	7842	7815	7841	7730	7572	7413	7211	6823
0°	7768	7847	7859	7886	7859	7847	7768	7611	7449	7254	6861
-2.5°	7722	7792	7915	7877	7915	7792	7722	7578	7424	7227	6873
-5°	7682	7854	7787	7871	7787	7854	7682	7529	7375	7162	6792
-7.5°	7661	7692	7736	7800	7736	7692	7661	7487	7319	7094	6720
-10°	7501	7532	7614	7658	7614	7532	7501	7421	7225	6987	6628
-12.5°	7327	7388	7474	7502	7474	7388	7327	7238	7098	6838	6482
-15°	7126	7217	7301	7319	7301	7217	7126	7022	6867	6656	6306
-17.5°	6872	6981	7069	7088	7069	6981	6872	6755	6602	6414	6128
-20°	6591	6695	6770	6793	6770	6695	6591	6468	6325	6143	5874



REPORT NUMBER: P627130 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-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°	6290	6384	6448	6438	6448	6384	6290	6169	6036	5871	5582
-25°	5971	6058	6119	6110	6119	6058	5971	5865	5733	5558	5299
-27.5°	5634	5717	5774	5776	5774	5717	5634	5532	5399	5222	5001
-30°	5279	5354	5401	5383	5401	5354	5279	5180	5057	4885	4652
-32.5°	4914	4982	5025	5038	5025	4982	4914	4828	4724	4566	4317
-35°	4553	4613	4650	4659	4650	4613	4553	4474	4373	4249	4003
-37.5°	4195	4246	4272	4261	4272	4246	4195	4122	4031	3924	3712
-40°	3841	3890	3920	3927	3920	3890	3841	3775	3690	3586	3416
-42.5°	3493	3533	3560	3572	3560	3533	3493	3436	3347	3231	3094
-45°	3155	3191	3216	3229	3216	3191	3155	3104	3017	2905	2777
-47.5°	2826	2858	2879	2890	2879	2858	2826	2782	2704	2594	2467
-50°	2512	2539	2559	2570	2559	2539	2512	2473	2407	2300	2180
-52.5°	2214	2238	2255	2263	2255	2238	2214	2180	2128	2026	1915
-55°	1929	1949	1964	1974	1964	1949	1929	1901	1864	1769	1667
-57.5°	1664	1680	1694	1705	1694	1680	1664	1640	1609	1528	1439
-60°	1415	1430	1443	1451	1443	1430	1415	1394	1368	1307	1235
-62.5°	1191	1204	1216	1223	1216	1204	1191	1172	1149	1102	1043
-65°	976	988	996	1002	996	988	976	960	939	906	862
-67.5°	795	809	811	810	811	809	795	778	758	732	700
-70°	633	645	647	647	647	645	633	619	604	586	561
-72.5°	495	501	496	488	496	501	495	488	480	469	451
-75°	371	367	362	355	362	367	371	375	377	377	363
-77.5°	272	262	255	248	255	262	272	281	290	295	286
-80°	189	179	173	166	173	179	189	199	207	214	211
-82.5°	120	112	108	103	108	112	120	128	135	141	139
-85°	67	62	59	56	59	62	67	71	75	79	77
-87.5°	29	29	28	27	28	29	29	29	29	29	28
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627130 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	16	16	15	14	13	13	12	11	10	10	9
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	1	1	2	2	1	2	2	2	2
65°	2	1	1	1	2	3	3	3	3	3	4
62.5°	6	6	5	4	4	4	5	5	4	4	5
60°	18	11	16	17	13	12	17	17	9	7	7
57.5°	86	72	79	72	49	43	44	42	38	23	10
55°	295	253	199	172	166	127	94	79	71	52	34
52.5°	375	349	308	251	221	210	179	143	114	91	65
50°	471	478	435	357	326	293	263	222	184	148	109
47.5°	768	715	673	614	503	432	386	318	267	223	175
45°	1024	963	922	831	713	604	530	445	355	296	252
42.5°	1205	1127	1059	985	873	749	648	564	469	373	316
40°	1383	1260	1192	1126	1020	881	803	679	580	473	395
37.5°	1648	1438	1415	1351	1231	1086	998	876	692	592	501
35°	2097	1880	1755	1693	1537	1353	1208	1094	911	714	610
32.5°	2591	2317	2127	2038	1871	1621	1442	1297	1114	891	724
30°	2869	2620	2392	2239	2076	1862	1657	1452	1253	1068	847
27.5°	3129	2818	2572	2399	2247	2041	1814	1595	1375	1193	996
25°	3376	3031	2763	2561	2384	2221	1964	1724	1496	1294	1140
22.5°	3607	3286	2977	2713	2563	2388	2135	1844	1621	1452	1270
20°	3986	3628	3236	3008	2868	2597	2311	2024	1819	1625	1411
17.5°	4611	4164	3696	3451	3254	2922	2557	2272	2016	1800	1565
15°	5296	4720	4257	3940	3628	3238	2816	2509	2218	1974	1706
12.5°	5634	5086	4676	4230	3827	3474	3075	2735	2405	2088	1793
10°	5836	5292	4828	4383	3978	3639	3268	2866	2499	2164	1866
7.5°	5993	5432	4938	4495	4085	3727	3372	2951	2574	2225	1924
5°	6102	5542	5041	4593	4161	3791	3450	3015	2630	2271	1969
2.5°	6214	5627	5105	4656	4210	3831	3497	3064	2676	2305	2006
0°	6258	5676	5150	4689	4237	3847	3510	3096	2706	2325	2030
-2.5°	6286	5692	5167	4710	4273	3872	3525	3133	2716	2347	2037
-5°	6243	5673	5153	4693	4274	3874	3515	3138	2714	2353	2031
-7.5°	6191	5623	5097	4646	4243	3847	3483	3115	2704	2343	2021
-10°	6102	5543	5042	4597	4189	3791	3437	3070	2674	2316	1998
-12.5°	5984	5442	4948	4507	4116	3732	3385	3008	2623	2272	1961
-15°	5828	5311	4831	4401	4023	3656	3309	2940	2572	2217	1910
-17.5°	5657	5137	4664	4259	3900	3552	3213	2869	2515	2165	1864
-20°	5464	4952	4484	4092	3753	3423	3109	2789	2434	2106	1816

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REPORT NUMBER: P627130 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-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°	5185	4733	4304	3919	3595	3293	2991	2681	2330	2031	1750
-25°	4909	4489	4103	3749	3437	3150	2856	2549	2237	1944	1670
-27.5°	4639	4250	3866	3548	3267	2987	2710	2420	2133	1845	1595
-30°	4348	3984	3637	3339	3073	2814	2565	2294	2012	1739	1513
-32.5°	4028	3708	3403	3122	2873	2644	2408	2151	1872	1639	1419
-35°	3717	3422	3159	2911	2685	2475	2247	1989	1745	1526	1313
-37.5°	3439	3152	2908	2694	2506	2307	2079	1851	1620	1400	1214
-40°	3152	2884	2667	2493	2313	2134	1933	1721	1494	1279	1117
-42.5°	2873	2657	2443	2269	2107	1961	1792	1577	1368	1182	1027
-45°	2600	2403	2208	2050	1915	1778	1627	1432	1244	1084	938
-47.5°	2319	2154	1991	1844	1724	1590	1444	1279	1125	981	851
-50°	2050	1916	1784	1657	1535	1405	1274	1141	1004	878	760
-52.5°	1796	1685	1574	1463	1356	1242	1122	1003	883	777	672
-55°	1558	1463	1375	1285	1195	1093	984	877	781	684	599
-57.5°	1347	1263	1193	1120	1044	953	860	770	690	610	531
-60°	1160	1087	1027	964	896	820	746	675	606	541	472
-62.5°	984	925	871	817	763	705	642	584	531	476	414
-65°	817	771	726	682	637	591	541	495	452	407	354
-67.5°	665	629	593	556	521	484	446	408	372	336	293
-70°	536	509	480	449	420	392	362	331	299	269	239
-72.5°	432	413	391	367	341	316	292	268	243	218	192
-75°	349	335	319	298	277	255	235	215	192	167	143
-77.5°	277	268	258	241	225	208	190	168	145	122	102
-80°	207	203	197	183	169	155	140	120	100	82	67
-82.5°	137	134	130	121	111	102	93	79	66	53	43
-85°	75	72	70	65	61	56	52	44	37	30	25
-87.5°	27	26	25	25	24	22	21	19	17	15	13
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627130 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-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°	9	9	9	9	9	9	9	9	8	7	7
87.5°	0	0	0	0	0	0	0	0	0	1	2
85°	0	0	0	0	0	0	0	0	0	0	1
82.5°	0	0	0	0	0	1	1	1	0	0	0
80°	0	0	0	0	1	2	2	2	2	1	1
77.5°	0	0	0	0	0	1	2	3	3	2	1
75°	0	0	0	0	0	0	1	2	2	3	2
72.5°	0	0	0	0	1	1	0	1	2	3	3
70°	0	0	0	0	1	2	2	1	1	2	3
67.5°	1	2	1	1	1	2	3	3	2	2	3
65°	3	3	3	3	2	2	3	4	3	3	3
62.5°	5	5	5	4	4	3	3	4	5	4	3
60°	7	7	7	6	5	5	4	5	5	5	4
57.5°	9	9	9	8	7	6	6	6	6	6	5
55°	16	11	11	11	9	8	7	7	7	7	6
52.5°	41	23	15	14	12	10	9	9	8	8	7
50°	76	49	28	17	15	13	11	10	9	9	8
47.5°	121	84	55	27	19	16	13	11	11	10	9
45°	187	124	86	54	26	22	16	13	12	11	9
42.5°	260	182	121	82	49	30	19	15	13	12	10
40°	332	252	162	113	74	41	28	18	14	13	11
37.5°	411	326	227	147	99	62	38	21	16	14	12
35°	509	407	293	195	131	82	50	27	20	16	13
32.5°	607	489	363	252	165	100	65	39	24	17	14
30°	706	564	429	304	203	129	81	50	29	18	16
27.5°	795	634	491	359	248	160	98	61	35	21	17
25°	895	711	552	412	290	192	115	72	43	25	18
22.5°	1024	789	609	459	331	223	138	86	52	30	19
20°	1152	866	664	519	376	258	163	100	60	34	20
17.5°	1278	964	745	579	423	290	188	114	68	39	21
15°	1391	1076	824	637	470	320	210	128	76	44	23
12.5°	1486	1173	899	691	515	348	230	141	83	49	25
10°	1564	1255	968	740	557	373	249	154	91	55	27
7.5°	1627	1322	1031	786	596	396	268	167	98	60	29
5°	1674	1375	1080	818	627	417	287	180	106	65	31
2.5°	1705	1414	1116	843	652	435	303	191	112	70	34
0°	1722	1442	1143	863	671	449	316	201	118	74	35
-2.5°	1739	1460	1167	897	684	473	325	210	128	77	39
-5°	1744	1468	1183	923	692	492	331	217	136	79	42
-7.5°	1735	1463	1188	938	695	506	335	223	142	81	45
-10°	1715	1447	1181	933	700	510	337	227	147	82	48
-12.5°	1685	1424	1166	923	699	507	342	230	150	83	49
-15°	1647	1392	1142	909	691	501	344	231	149	85	50
-17.5°	1601	1354	1110	890	675	492	340	230	148	88	52
-20°	1555	1312	1072	868	650	480	332	225	145	89	53

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CATALOG NUMBER: GFLD-SA3C-722-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°	1501	1264	1040	837	623	466	320	218	141	90	53
-25°	1440	1207	1000	795	602	449	306	208	136	90	53
-27.5°	1370	1147	954	749	580	427	293	201	132	88	52
-30°	1292	1090	899	704	554	402	277	192	130	87	51
-32.5°	1209	1026	840	670	523	376	262	183	127	85	51
-35°	1130	956	779	631	491	361	252	172	122	82	51
-37.5°	1046	883	731	590	457	344	245	168	116	78	51
-40°	965	814	676	551	432	325	232	162	111	73	50
-42.5°	883	749	623	509	408	306	216	154	106	71	49
-45°	808	682	566	472	382	282	204	144	100	69	48
-47.5°	728	613	515	432	347	255	188	136	94	66	47
-50°	647	548	466	387	305	233	171	127	91	64	46
-52.5°	575	491	417	342	273	208	159	116	88	63	44
-55°	513	437	368	304	243	189	144	112	84	61	42
-57.5°	459	387	328	271	217	171	134	106	80	58	41
-60°	406	347	292	241	194	155	126	99	75	54	39
-62.5°	357	305	257	211	173	142	117	91	69	50	36
-65°	305	261	221	185	153	127	106	83	61	44	33
-67.5°	252	220	188	158	132	110	92	71	52	38	29
-70°	210	181	155	131	110	92	75	57	42	33	24
-72.5°	167	144	122	103	88	73	58	44	35	27	20
-75°	124	108	94	81	67	54	44	35	27	21	17
-77.5°	90	78	68	60	50	42	33	26	21	17	14
-80°	61	55	49	43	36	29	24	20	17	14	11
-82.5°	38	35	32	29	25	21	18	15	13	11	9
-85°	23	21	19	18	15	13	12	11	10	9	8
-87.5°	13	13	12	12	12	11	11	10	9	8	8
-90°	0	0	0	0	0	0	0	0	1	1	2

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REPORT NUMBER: P627130 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

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REPORT NUMBER: P627130 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	28	16	13	8	5	3	3
-25°	29	18	12	8	5	3	3
-27.5°	30	19	12	8	5	3	3
-30°	31	20	12	8	5	3	3
-32.5°	32	21	12	7	5	3	3
-35°	32	22	12	7	5	3	3
-37.5°	33	22	13	7	5	3	3
-40°	34	23	13	7	5	3	3
-42.5°	34	23	13	7	4	3	3
-45°	34	22	13	7	4	3	3
-47.5°	33	22	13	7	4	3	3
-50°	33	22	13	7	4	3	3
-52.5°	32	21	12	6	4	3	3
-55°	31	20	12	6	3	3	3
-57.5°	29	19	11	6	3	3	3
-60°	28	18	10	6	3	3	3
-62.5°	25	16	10	5	3	3	3
-65°	23	14	9	5	3	3	3
-67.5°	20	13	8	5	3	3	3
-70°	17	12	8	4	3	3	3
-72.5°	15	11	7	4	3	3	3
-75°	13	9	6	4	3	3	3
-77.5°	11	8	6	4	3	3	3
-80°	9	7	5	4	3	3	3
-82.5°	8	7	5	4	3	3	3
-85°	7	6	5	4	3	3	3
-87.5°	7	6	5	4	3	3	3
-90°	3	3	3	3	3	3	3

(END OF REPORT)