

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: P627170 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-740-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627170 (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-740-U-VWR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

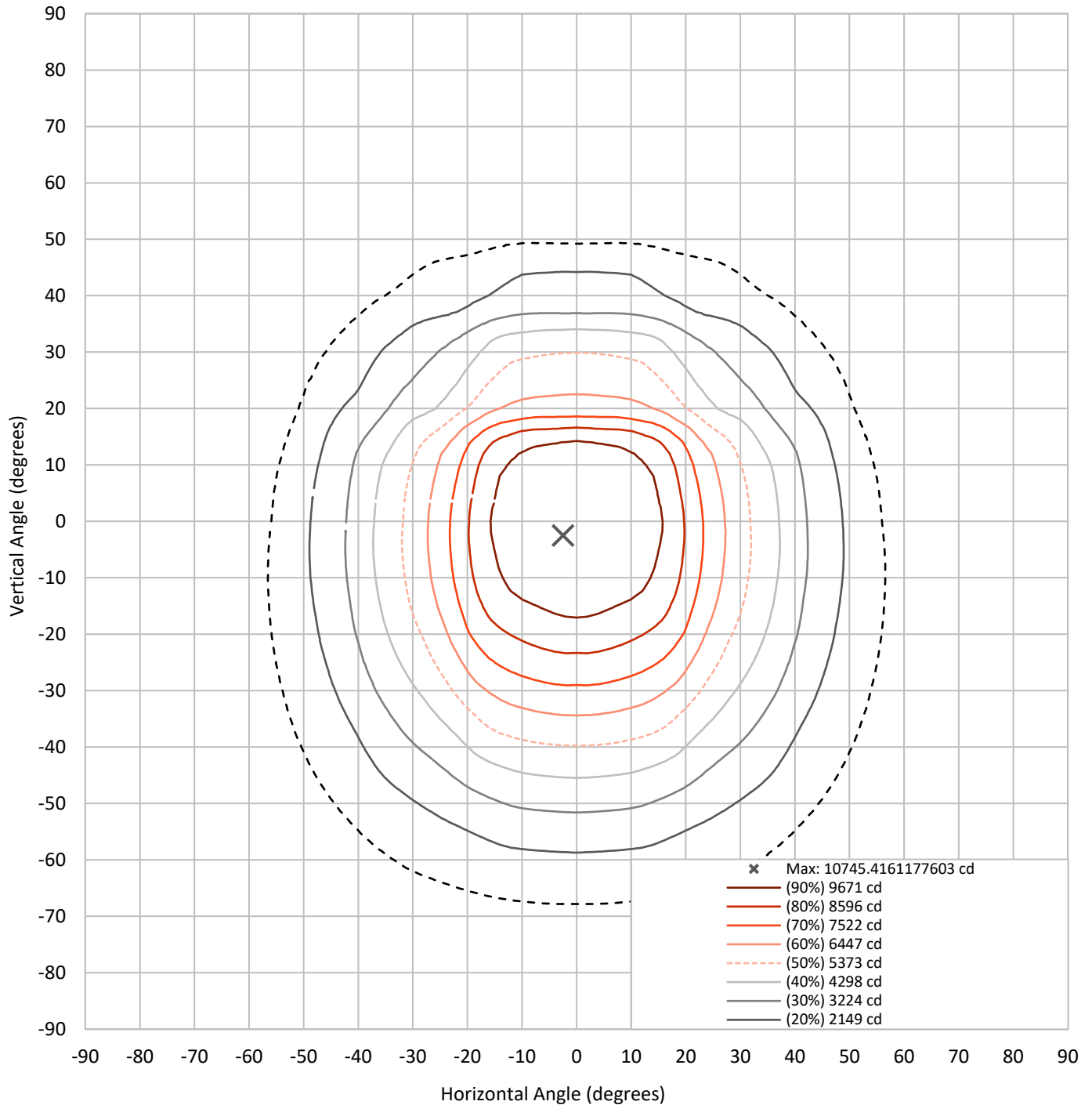
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	14340.1 lumens	Max Intensity:	10745.4 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	117.8 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:	8296.7 lumens	Field Lumens:	13607.8 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		



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Iso-Candela Plot





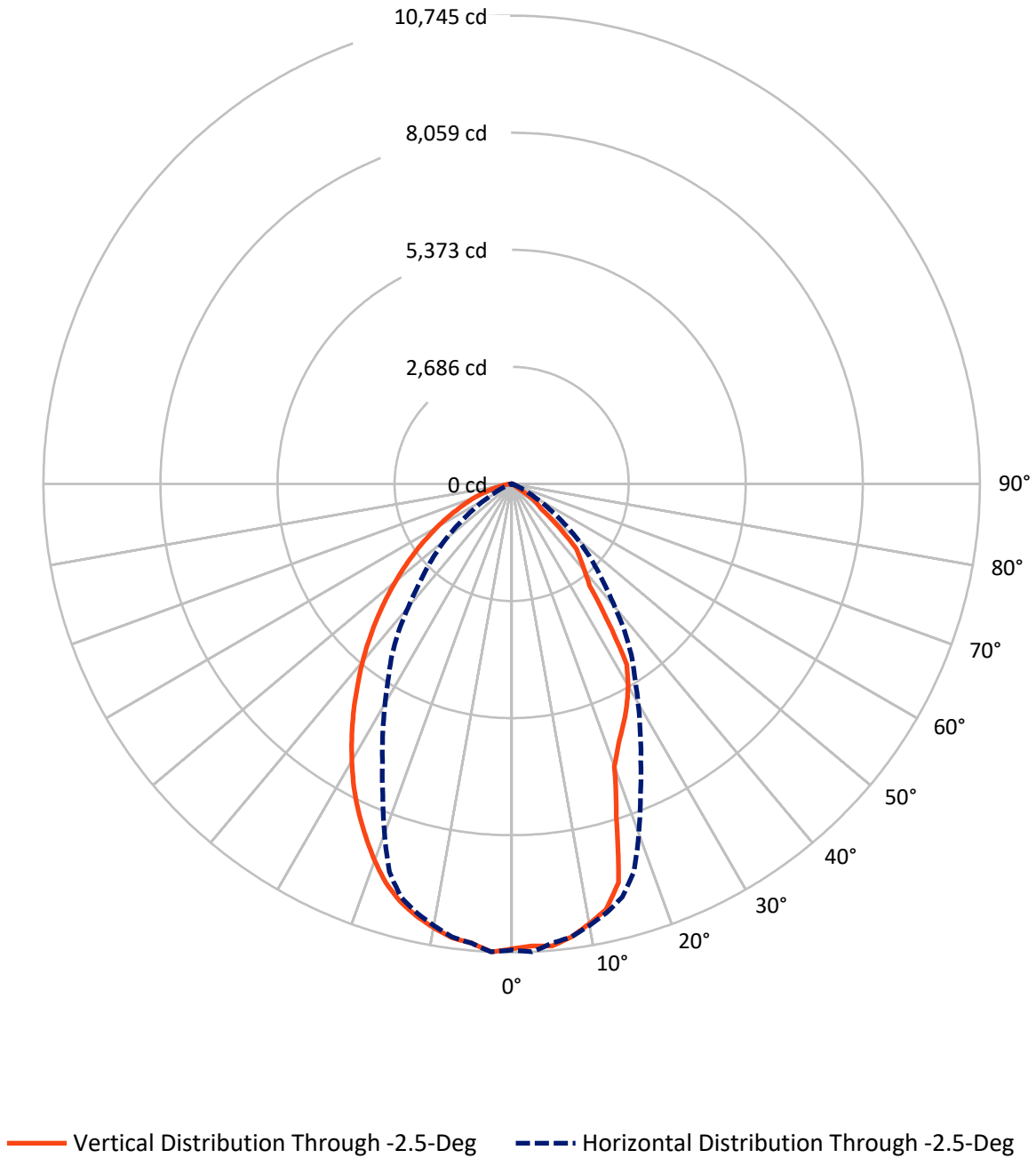
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Lumen Table

90																			
80	0.1	0.1		0.1		0.2		0.2		0.2		0.1		0.1		0.1			
70																			
60	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1			
50		0.1	0.3	1.3	3.9	7.5	11.2	13.9	13.9	11.2	7.5	3.9	1.3	0.3	0.1				
40	0.2	0.3	1.6	7.3	17.8	32.0	47.3	57.9	57.9	47.3	32.0	17.8	7.3	1.6	0.3	0.2			
30		0.7	5.3	18.6	41.5	67.4	101.0	118.1	118.1	101.0	67.4	41.5	18.6	5.3	0.7				
20	0.4	1.6	10.3	33.0	67.0	106.2	159.3	183.1	183.1	159.3	106.2	67.0	33.0	10.3	1.6	0.4			
10		2.7	15.8	48.8	96.5	158.8	236.4	271.1	271.1	236.4	158.8	96.5	48.8	15.8	2.7				
0	0.7	3.7	20.5	58.0	115.4	189.7	279.1	316.7	316.7	279.1	189.7	115.4	58.0	20.5	3.7	0.7			
-10		4.4	22.7	60.2	118.5	194.1	281.2	317.9	317.9	281.2	194.1	118.5	60.2	22.7	4.4				
-20	0.9	4.6	22.1	57.0	111.7	181.7	261.0	294.8	294.8	261.0	181.7	111.7	57.0	22.1	4.6	0.9			
-30		4.2	19.4	49.7	96.5	154.5	218.8	247.8	247.8	218.8	154.5	96.5	49.7	19.4	4.2				
-40	0.9	3.5	15.5	39.1	75.9	119.2	167.1	189.1	189.1	167.1	119.2	75.9	39.1	15.5	3.5	0.9			
-50		2.8	11.4	27.9	54.4	83.8	115.6	131.2	131.2	115.6	83.8	54.4	27.9	11.4	2.8				
-60	0.7	2.1	7.5	17.9	33.8	52.0	70.7	80.6	80.6	70.7	52.0	33.8	17.9	7.5	2.1	0.7			
-70		1.5	4.5	10.5	18.6	27.6	36.5	41.4	41.4	36.5	27.6	18.6	10.5	4.5	1.5				
-80																			
-90	0.3	3.4		15.5		33.7		37.7		33.7		15.5		3.4		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

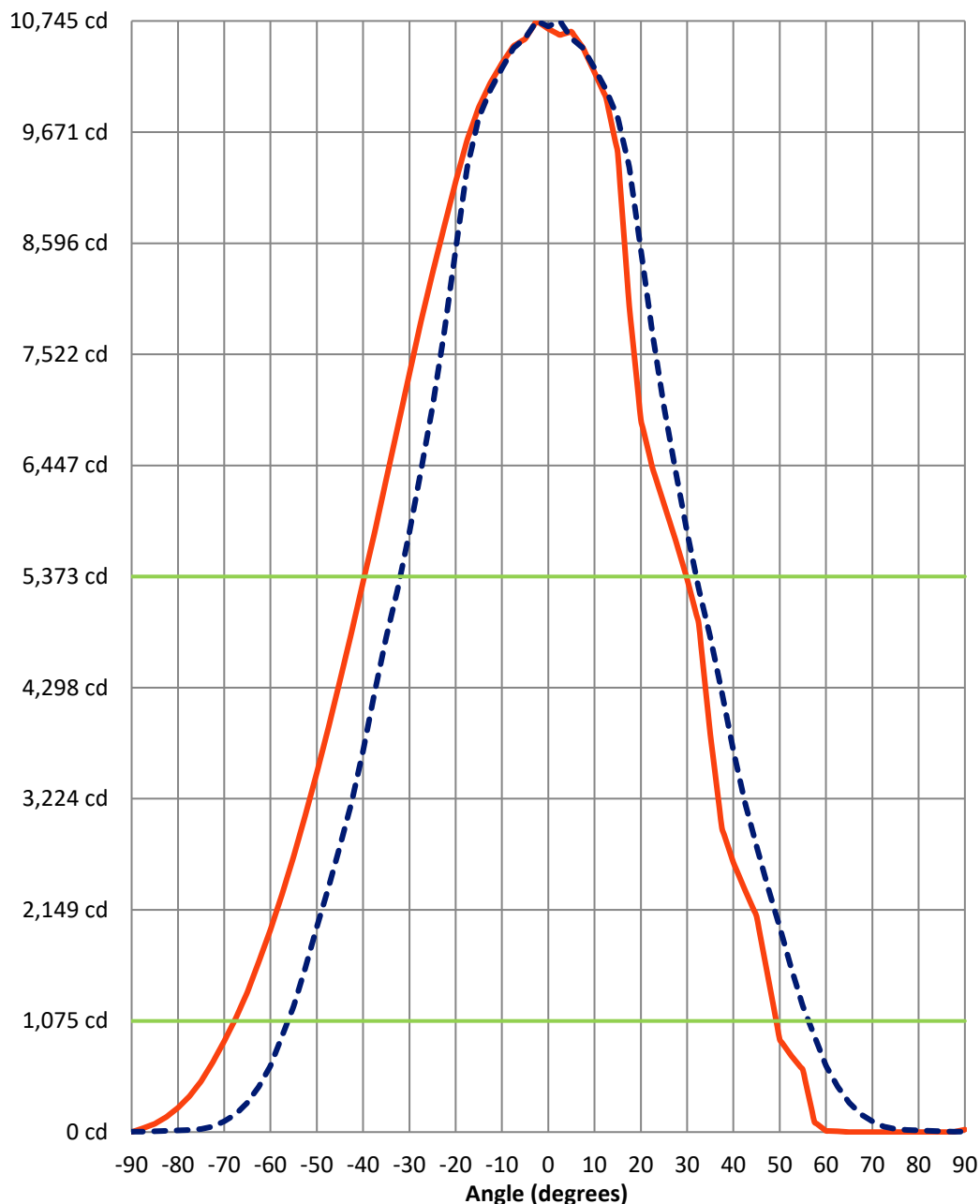
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 8296.7
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 13607.8
 Efficiency: 94.9%

Spill:
 Lumens: 732.2
 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°	4	4	4	5	6	7	8	9	10	11	12
87.5°	4	4	4	4	4	3	3	2	1	1	0
85°	4	4	4	4	3	3	2	1	1	0	0
82.5°	4	4	4	4	3	2	1	0	0	1	1
80°	4	4	4	4	3	1	0	1	1	2	3
77.5°	4	4	4	3	2	1	1	2	3	4	4
75°	4	4	4	3	2	2	2	3	4	3	2
72.5°	4	4	4	3	3	3	3	4	3	2	1
70°	4	4	4	3	3	3	4	4	3	2	2
67.5°	4	4	4	3	3	4	4	4	3	3	4
65°	4	4	4	3	3	4	4	4	4	5	5
62.5°	4	4	4	4	4	4	4	5	5	6	6
60°	4	4	4	4	4	5	5	6	7	7	6
57.5°	4	4	4	4	4	5	6	7	8	8	8
55°	4	4	4	4	5	6	7	8	9	9	10
52.5°	4	4	4	4	5	6	8	9	10	11	12
50°	4	4	4	4	6	7	9	10	12	13	14
47.5°	4	4	4	4	6	8	10	12	13	14	15
45°	4	4	4	4	7	9	11	13	15	16	17
42.5°	4	4	5	5	7	9	11	14	16	18	21
40°	4	4	5	5	8	10	12	15	18	19	25
37.5°	4	4	5	6	8	11	13	17	20	22	29
35°	4	4	5	6	9	11	14	18	21	27	37
32.5°	4	4	5	7	9	12	15	20	23	33	53
30°	4	4	5	7	10	13	16	21	25	40	68
27.5°	4	4	6	8	10	13	17	23	28	47	83
25°	4	4	6	8	11	14	19	24	34	58	98
22.5°	4	4	6	9	12	15	20	26	40	70	117
20°	4	4	6	9	12	15	21	27	47	82	136
17.5°	4	4	7	10	13	16	22	29	53	93	155
15°	4	4	7	10	13	17	23	31	60	103	174
12.5°	4	4	7	10	14	17	24	34	67	112	191
10°	4	4	7	11	14	18	25	37	74	123	209
7.5°	4	4	7	11	15	19	26	40	82	134	227
5°	4	4	8	11	15	19	27	43	89	143	244
2.5°	4	4	8	12	16	20	28	45	95	152	260
0°	4	4	8	12	16	20	28	48	100	160	273
-2.5°	4	4	8	12	16	21	30	53	104	173	285
-5°	4	4	8	12	17	21	31	57	107	184	294
-7.5°	4	4	8	12	17	21	32	61	110	193	302
-10°	4	4	8	12	17	22	33	65	112	200	308
-12.5°	4	4	8	12	17	22	34	67	113	203	312
-15°	4	4	8	12	17	22	35	69	115	203	314
-17.5°	4	4	8	11	17	22	35	70	119	201	312
-20°	4	4	8	11	17	22	36	71	121	197	306

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CATALOG NUMBER: GFLD-SA3C-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4	4	7	11	17	22	38	72	122	192	296
-25°	4	4	7	11	17	24	40	72	122	185	282
-27.5°	4	4	7	11	16	26	41	71	120	179	272
-30°	4	4	7	10	16	27	42	69	118	177	261
-32.5°	4	4	7	10	16	29	43	69	115	172	248
-35°	4	4	7	10	17	30	44	69	111	166	234
-37.5°	4	4	6	10	17	30	45	69	106	158	227
-40°	4	4	6	9	17	31	46	68	100	150	220
-42.5°	4	4	6	9	17	31	46	67	96	144	209
-45°	4	4	6	9	17	30	46	65	93	136	196
-47.5°	4	4	5	9	17	30	45	64	90	127	185
-50°	4	4	5	9	17	29	44	63	87	124	172
-52.5°	4	4	5	9	17	28	43	60	85	120	158
-55°	4	4	5	8	16	27	41	58	82	114	151
-57.5°	4	4	4	8	15	26	40	55	79	108	144
-60°	4	4	4	8	14	24	37	53	74	102	135
-62.5°	4	4	4	7	13	22	34	49	67	94	124
-65°	4	4	4	7	12	20	31	44	60	83	112
-67.5°	4	4	4	6	11	18	27	39	52	71	96
-70°	4	4	4	6	10	16	23	33	44	57	78
-72.5°	4	4	4	6	9	14	21	27	36	47	60
-75°	4	4	4	6	8	12	18	23	28	37	47
-77.5°	4	4	4	6	8	10	15	19	24	28	35
-80°	4	4	4	5	7	9	12	15	19	23	27
-82.5°	4	4	4	5	7	9	11	13	14	17	20
-85°	4	4	4	5	7	8	10	11	13	14	15
-87.5°	4	4	4	5	6	8	9	10	11	13	14
-90°	4	4	4	4	4	4	4	3	2	1	0



REPORT NUMBER: P627170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	12	12	12	12	12	12	12	12	13	14	15
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	1	0	0	0	0	0	0	0	0
80°	3	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°	1	1	1	0	0	0	0	0	0	0	0
70°	2	2	2	1	0	0	1	0	0	0	1
67.5°	4	3	2	1	2	2	2	2	2	2	2
65°	4	3	3	3	4	4	5	5	4	4	4
62.5°	4	5	5	6	6	7	7	6	5	6	7
60°	6	7	7	8	9	9	9	9	10	12	23
57.5°	8	9	10	11	12	12	12	14	32	52	57
55°	10	11	12	14	15	15	22	46	70	97	107
52.5°	12	13	16	18	20	31	56	89	124	155	195
50°	14	17	20	24	38	67	103	148	201	250	301
47.5°	18	22	26	37	74	115	165	237	302	362	432
45°	22	30	35	74	117	169	254	343	401	481	604
42.5°	26	41	66	112	164	248	353	429	507	637	766
40°	38	55	100	154	220	342	450	536	643	787	922
37.5°	52	84	134	199	309	442	558	680	803	939	1189
35°	68	111	178	265	397	553	691	828	970	1237	1486
32.5°	88	136	223	342	493	664	824	982	1209	1512	1761
30°	110	175	276	413	583	765	958	1150	1450	1701	1971
27.5°	133	217	337	488	667	861	1079	1352	1620	1867	2165
25°	157	261	394	559	750	965	1215	1548	1757	2031	2341
22.5°	187	303	449	623	827	1071	1390	1724	1971	2201	2504
20°	222	350	510	704	902	1175	1564	1916	2206	2469	2748
17.5°	255	394	575	787	1012	1308	1735	2124	2444	2737	3085
15°	285	435	638	865	1119	1461	1889	2316	2680	3011	3406
12.5°	313	472	699	938	1221	1592	2017	2434	2835	3265	3714
10°	338	506	757	1005	1315	1703	2124	2533	2937	3393	3891
7.5°	364	537	809	1066	1400	1795	2209	2612	3020	3495	4006
5°	389	566	851	1110	1466	1867	2273	2672	3083	3571	4093
2.5°	411	590	885	1145	1515	1920	2314	2723	3130	3632	4160
0°	429	610	910	1171	1552	1957	2338	2756	3157	3674	4204
-2.5°	441	642	928	1217	1585	1982	2360	2765	3186	3687	4253
-5°	449	668	939	1253	1606	1993	2368	2758	3194	3684	4260
-7.5°	454	686	944	1273	1613	1987	2355	2744	3181	3672	4228
-10°	457	692	951	1267	1603	1965	2328	2712	3145	3631	4168
-12.5°	464	688	950	1254	1582	1933	2288	2662	3084	3561	4084
-15°	466	680	938	1234	1550	1890	2235	2593	3009	3492	3992
-17.5°	462	668	916	1208	1507	1839	2173	2530	2939	3414	3894
-20°	451	652	882	1178	1456	1781	2111	2465	2859	3305	3786

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	434	632	846	1137	1411	1716	2038	2376	2758	3163	3640
-25°	416	610	818	1079	1358	1639	1955	2267	2639	3037	3460
-27.5°	398	579	788	1017	1296	1557	1860	2165	2505	2896	3285
-30°	376	546	751	956	1221	1480	1755	2054	2361	2731	3114
-32.5°	356	511	710	910	1140	1393	1641	1927	2226	2541	2920
-35°	343	491	666	857	1058	1298	1534	1783	2072	2368	2701
-37.5°	332	467	620	801	993	1199	1420	1648	1901	2200	2512
-40°	315	441	586	749	917	1105	1310	1517	1736	2028	2336
-42.5°	293	415	554	691	845	1017	1199	1394	1604	1858	2141
-45°	277	382	518	641	769	925	1096	1273	1471	1689	1944
-47.5°	255	347	471	586	699	832	989	1156	1332	1528	1736
-50°	233	317	414	526	633	744	878	1032	1192	1363	1549
-52.5°	216	282	371	464	566	667	781	913	1055	1198	1362
-55°	196	256	329	413	500	593	697	813	929	1060	1191
-57.5°	182	232	295	368	446	525	623	721	828	937	1045
-60°	172	210	263	327	397	471	551	641	734	823	916
-62.5°	159	193	234	286	349	414	484	562	646	720	793
-65°	143	173	208	250	300	354	415	480	552	613	672
-67.5°	125	150	180	214	255	298	342	397	456	506	554
-70°	102	125	149	178	210	246	285	325	365	406	450
-72.5°	78	99	120	140	166	195	227	261	296	330	364
-75°	60	73	91	109	127	146	168	195	227	261	291
-77.5°	45	56	68	81	92	106	122	138	165	196	228
-80°	33	39	49	59	67	75	83	91	111	136	163
-82.5°	24	29	34	40	44	48	52	58	73	89	107
-85°	17	18	21	24	26	29	31	33	41	50	60
-87.5°	14	15	16	17	17	17	17	18	20	23	26
-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°	16	17	18	19	20	21	22	23	24	24	24
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°	2	2	2	2	1	0	0	0	0	0	0
65°	4	4	3	2	1	2	2	3	3	3	2
62.5°	6	6	5	6	7	8	8	8	7	7	7
60°	24	16	18	23	21	15	24	27	23	16	15
57.5°	60	58	66	97	107	97	116	141	141	121	120
55°	128	172	225	233	270	344	401	376	376	395	456
52.5°	243	285	300	341	418	474	510	547	587	629	671
50°	357	397	443	485	591	648	639	716	814	875	907
47.5°	524	587	683	834	913	971	1042	1129	1242	1395	1512
45°	720	819	968	1129	1252	1308	1390	1524	1704	1879	2007
42.5°	880	1017	1185	1338	1438	1530	1636	1750	1956	2143	2290
40°	1090	1196	1384	1529	1619	1710	1878	2048	2241	2415	2536
37.5°	1355	1475	1671	1834	1920	1953	2238	2475	2632	2854	2927
35°	1640	1837	2087	2298	2383	2553	2846	3177	3535	3667	3779
32.5°	1958	2201	2540	2767	2888	3145	3517	3870	4338	4592	4668
30°	2249	2528	2819	3040	3247	3557	3895	4330	4763	5088	5189
27.5°	2463	2771	3051	3258	3491	3825	4248	4688	5113	5445	5563
25°	2666	3015	3237	3477	3751	4115	4584	5073	5492	5772	5916
22.5°	2898	3242	3480	3683	4042	4462	4896	5449	5893	6116	6273
20°	3137	3526	3894	4083	4394	4925	5411	5933	6362	6595	6760
17.5°	3471	3967	4418	4686	5018	5653	6260	6789	7384	7595	7796
15°	3823	4397	4925	5349	5779	6408	7190	7827	8507	8811	9154
12.5°	4174	4717	5195	5743	6349	6905	7649	8443	9060	9447	9678
10°	4436	4940	5401	5950	6554	7184	7923	8737	9383	9713	9902
7.5°	4578	5060	5546	6103	6704	7375	8137	8944	9604	9924	10110
5°	4683	5146	5649	6235	6844	7524	8284	9082	9684	10024	10259
2.5°	4747	5201	5715	6321	6931	7639	8436	9263	9790	10064	10280
0°	4765	5223	5752	6366	6991	7705	8496	9314	9847	10112	10333
-2.5°	4786	5257	5801	6395	7015	7727	8534	9331	9811	10078	10288
-5°	4772	5259	5802	6371	6995	7702	8476	9221	9723	10012	10221
-7.5°	4728	5223	5760	6307	6919	7634	8405	9123	9631	9936	10164
-10°	4666	5146	5686	6240	6845	7525	8285	8998	9485	9808	10074
-12.5°	4596	5066	5587	6119	6717	7389	8124	8800	9284	9636	9826
-15°	4493	4963	5461	5975	6558	7210	7912	8560	9036	9323	9533
-17.5°	4361	4823	5295	5782	6332	6974	7681	8320	8707	8963	9170
-20°	4221	4648	5095	5555	6087	6723	7417	7975	8340	8586	8781

Classified

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

Scaled Data Report



REPORT NUMBER: P627170 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4060	4471	4881	5320	5843	6425	7039	7577	7970	8194	8374
-25°	3877	4277	4666	5090	5570	6094	6664	7194	7545	7783	7962
-27.5°	3680	4055	4435	4816	5248	5770	6298	6790	7090	7330	7510
-30°	3483	3820	4172	4533	4938	5408	5902	6316	6632	6866	7033
-32.5°	3269	3590	3901	4238	4620	5034	5468	5861	6199	6413	6554
-35°	3050	3361	3646	3952	4288	4646	5046	5434	5768	5937	6074
-37.5°	2823	3132	3402	3658	3948	4279	4669	5039	5328	5473	5597
-40°	2625	2897	3140	3385	3620	3915	4278	4637	4868	5010	5125
-42.5°	2432	2662	2861	3081	3316	3607	3900	4201	4387	4544	4665
-45°	2208	2414	2600	2783	2998	3263	3529	3770	3944	4096	4214
-47.5°	1961	2159	2340	2503	2703	2924	3149	3349	3521	3671	3776
-50°	1730	1907	2084	2249	2422	2601	2783	2959	3122	3268	3358
-52.5°	1523	1686	1841	1985	2137	2288	2439	2600	2750	2888	2960
-55°	1336	1483	1623	1744	1866	1986	2115	2264	2402	2530	2581
-57.5°	1168	1294	1418	1520	1620	1715	1828	1954	2075	2185	2227
-60°	1013	1113	1217	1308	1395	1476	1575	1676	1775	1857	1893
-62.5°	871	957	1035	1109	1183	1256	1336	1416	1496	1559	1592
-65°	734	802	865	926	986	1047	1110	1171	1229	1275	1303
-67.5°	606	657	707	755	804	855	903	950	994	1029	1056
-70°	492	532	571	610	651	690	727	762	795	820	841
-72.5°	396	429	463	498	531	561	587	613	637	651	662
-75°	319	347	376	405	433	455	474	493	511	512	509
-77.5°	258	283	305	328	350	364	376	388	400	393	382
-80°	189	210	229	249	268	276	282	286	291	281	270
-82.5°	126	139	151	164	177	182	186	189	192	183	173
-85°	70	76	82	89	95	98	102	105	107	102	97
-87.5°	29	31	32	33	35	36	37	38	40	40	40
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	24	24	24	24	24	24	24	24	24	24	23
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	3	3	3
62.5°	7	8	8	8	8	8	7	7	7	7	8
60°	14	12	12	12	12	12	14	15	16	23	27
57.5°	111	95	98	108	98	95	111	120	121	141	141
55°	520	580	601	590	601	580	520	456	395	376	376
52.5°	704	729	738	738	738	729	704	671	629	587	547
50°	917	908	895	883	895	908	917	907	875	814	716
47.5°	1530	1503	1492	1512	1492	1503	1530	1512	1395	1242	1129
45°	2033	2064	2087	2086	2087	2064	2033	2007	1879	1704	1524
42.5°	2319	2336	2340	2335	2340	2336	2319	2290	2143	1956	1750
40°	2574	2594	2605	2615	2605	2594	2574	2536	2415	2241	2048
37.5°	2951	2958	2942	2932	2942	2958	2951	2927	2854	2632	2475
35°	3873	3892	3849	3895	3849	3892	3873	3779	3667	3535	3177
32.5°	4758	4847	4919	4978	4919	4847	4758	4668	4592	4338	3870
30°	5260	5317	5347	5355	5347	5317	5260	5189	5088	4763	4330
27.5°	5628	5688	5725	5752	5725	5688	5628	5563	5445	5113	4688
25°	5982	6037	6074	6089	6074	6037	5982	5916	5772	5492	5073
22.5°	6350	6389	6424	6442	6424	6389	6350	6273	6116	5893	5449
20°	6878	6857	6890	6879	6890	6857	6878	6760	6595	6362	5933
17.5°	7953	7965	7986	8022	7986	7965	7953	7796	7595	7384	6789
15°	9306	9333	9471	9595	9471	9333	9306	9154	8811	8507	7827
12.5°	9892	9987	10001	10036	10001	9987	9892	9678	9447	9060	8443
10°	10088	10251	10248	10289	10248	10251	10088	9902	9713	9383	8737
7.5°	10237	10412	10486	10517	10486	10412	10237	10110	9924	9604	8944
5°	10418	10514	10642	10606	10642	10514	10418	10259	10024	9684	9082
2.5°	10494	10645	10610	10646	10610	10645	10494	10280	10064	9790	9263
0°	10545	10654	10670	10706	10670	10654	10545	10333	10112	9847	9314
-2.5°	10483	10578	10745	10694	10745	10578	10483	10288	10078	9811	9331
-5°	10429	10663	10572	10686	10572	10663	10429	10221	10012	9723	9221
-7.5°	10400	10442	10503	10590	10503	10442	10400	10164	9936	9631	9123
-10°	10183	10226	10337	10397	10337	10226	10183	10074	9808	9485	8998
-12.5°	9947	10030	10146	10184	10146	10030	9947	9826	9636	9284	8800
-15°	9675	9798	9912	9936	9912	9798	9675	9533	9323	9036	8560
-17.5°	9329	9477	9596	9623	9596	9477	9329	9170	8963	8707	8320
-20°	8948	9089	9191	9222	9191	9089	8948	8781	8586	8340	7975

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Scaled Data Report



REPORT NUMBER: P627170 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8540	8667	8753	8740	8753	8667	8540	8374	8194	7970	7577
-25°	8106	8225	8307	8295	8307	8225	8106	7962	7783	7545	7194
-27.5°	7649	7761	7839	7842	7839	7761	7649	7510	7330	7090	6790
-30°	7167	7269	7333	7308	7333	7269	7167	7033	6866	6632	6316
-32.5°	6671	6763	6822	6839	6822	6763	6671	6554	6413	6199	5861
-35°	6181	6263	6313	6326	6313	6263	6181	6074	5937	5768	5434
-37.5°	5695	5765	5800	5784	5800	5765	5695	5597	5473	5328	5039
-40°	5214	5281	5321	5331	5321	5281	5214	5125	5010	4868	4637
-42.5°	4742	4797	4832	4849	4832	4797	4742	4665	4544	4387	4201
-45°	4283	4332	4366	4384	4366	4332	4283	4214	4096	3944	3770
-47.5°	3837	3880	3909	3923	3909	3880	3837	3776	3671	3521	3349
-50°	3410	3448	3474	3490	3474	3448	3410	3358	3268	3122	2959
-52.5°	3005	3038	3061	3073	3061	3038	3005	2960	2888	2750	2600
-55°	2619	2645	2667	2679	2667	2645	2619	2581	2530	2402	2264
-57.5°	2258	2280	2300	2314	2300	2280	2258	2227	2185	2075	1954
-60°	1921	1942	1959	1969	1959	1942	1921	1893	1857	1775	1676
-62.5°	1617	1635	1650	1661	1650	1635	1617	1592	1559	1496	1416
-65°	1325	1341	1353	1360	1353	1341	1325	1303	1275	1229	1171
-67.5°	1079	1098	1101	1099	1101	1098	1079	1056	1029	994	950
-70°	859	875	879	878	879	875	859	841	820	795	762
-72.5°	672	681	673	662	673	681	672	662	651	637	613
-75°	504	499	491	481	491	499	504	509	512	511	493
-77.5°	369	356	347	337	347	356	369	382	393	400	388
-80°	257	244	234	225	234	244	257	270	281	291	286
-82.5°	163	152	146	140	146	152	163	173	183	192	189
-85°	90	84	80	76	80	84	90	97	102	107	105
-87.5°	40	40	38	36	38	40	40	40	40	40	38
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	22	21	20	19	18	17	16	15	14	13	12
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	1	0	0	0
67.5°	0	0	1	2	2	2	2	2	2	2	2
65°	2	2	1	2	3	4	4	4	4	4	5
62.5°	8	8	7	6	5	6	6	7	6	5	6
60°	24	15	21	23	18	16	24	23	12	10	9
57.5°	116	97	107	97	66	58	60	57	52	32	14
55°	401	344	270	233	225	172	128	107	97	70	46
52.5°	510	474	418	341	300	285	243	195	155	124	89
50°	639	648	591	485	443	397	357	301	250	201	148
47.5°	1042	971	913	834	683	587	524	432	362	302	237
45°	1390	1308	1252	1129	968	819	720	604	481	401	343
42.5°	1636	1530	1438	1338	1185	1017	880	766	637	507	429
40°	1878	1710	1619	1529	1384	1196	1090	922	787	643	536
37.5°	2238	1953	1920	1834	1671	1475	1355	1189	939	803	680
35°	2846	2553	2383	2298	2087	1837	1640	1486	1237	970	828
32.5°	3517	3145	2888	2767	2540	2201	1958	1761	1512	1209	982
30°	3895	3557	3247	3040	2819	2528	2249	1971	1701	1450	1150
27.5°	4248	3825	3491	3258	3051	2771	2463	2165	1867	1620	1352
25°	4584	4115	3751	3477	3237	3015	2666	2341	2031	1757	1548
22.5°	4896	4462	4042	3683	3480	3242	2898	2504	2201	1971	1724
20°	5411	4925	4394	4083	3894	3526	3137	2748	2469	2206	1916
17.5°	6260	5653	5018	4686	4418	3967	3471	3085	2737	2444	2124
15°	7190	6408	5779	5349	4925	4397	3823	3406	3011	2680	2316
12.5°	7649	6905	6349	5743	5195	4717	4174	3714	3265	2835	2434
10°	7923	7184	6554	5950	5401	4940	4436	3891	3393	2937	2533
7.5°	8137	7375	6704	6103	5546	5060	4578	4006	3495	3020	2612
5°	8284	7524	6844	6235	5649	5146	4683	4093	3571	3083	2672
2.5°	8436	7639	6931	6321	5715	5201	4747	4160	3632	3130	2723
0°	8496	7705	6991	6366	5752	5223	4765	4204	3674	3157	2756
-2.5°	8534	7727	7015	6395	5801	5257	4786	4253	3687	3186	2765
-5°	8476	7702	6995	6371	5802	5259	4772	4260	3684	3194	2758
-7.5°	8405	7634	6919	6307	5760	5223	4728	4228	3672	3181	2744
-10°	8285	7525	6845	6240	5686	5146	4666	4168	3631	3145	2712
-12.5°	8124	7389	6717	6119	5587	5066	4596	4084	3561	3084	2662
-15°	7912	7210	6558	5975	5461	4963	4493	3992	3492	3009	2593
-17.5°	7681	6974	6332	5782	5295	4823	4361	3894	3414	2939	2530
-20°	7417	6723	6087	5555	5095	4648	4221	3786	3305	2859	2465

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627170 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7039	6425	5843	5320	4881	4471	4060	3640	3163	2758	2376
-25°	6664	6094	5570	5090	4666	4277	3877	3460	3037	2639	2267
-27.5°	6298	5770	5248	4816	4435	4055	3680	3285	2896	2505	2165
-30°	5902	5408	4938	4533	4172	3820	3483	3114	2731	2361	2054
-32.5°	5468	5034	4620	4238	3901	3590	3269	2920	2541	2226	1927
-35°	5046	4646	4288	3952	3646	3361	3050	2701	2368	2072	1783
-37.5°	4669	4279	3948	3658	3402	3132	2823	2512	2200	1901	1648
-40°	4278	3915	3620	3385	3140	2897	2625	2336	2028	1736	1517
-42.5°	3900	3607	3316	3081	2861	2662	2432	2141	1858	1604	1394
-45°	3529	3263	2998	2783	2600	2414	2208	1944	1689	1471	1273
-47.5°	3149	2924	2703	2503	2340	2159	1961	1736	1528	1332	1156
-50°	2783	2601	2422	2249	2084	1907	1730	1549	1363	1192	1032
-52.5°	2439	2288	2137	1985	1841	1686	1523	1362	1198	1055	913
-55°	2115	1986	1866	1744	1623	1483	1336	1191	1060	929	813
-57.5°	1828	1715	1620	1520	1418	1294	1168	1045	937	828	721
-60°	1575	1476	1395	1308	1217	1113	1013	916	823	734	641
-62.5°	1336	1256	1183	1109	1035	957	871	793	720	646	562
-65°	1110	1047	986	926	865	802	734	672	613	552	480
-67.5°	903	855	804	755	707	657	606	554	506	456	397
-70°	727	690	651	610	571	532	492	450	406	365	325
-72.5°	587	561	531	498	463	429	396	364	330	296	261
-75°	474	455	433	405	376	347	319	291	261	227	195
-77.5°	376	364	350	328	305	283	258	228	196	165	138
-80°	282	276	268	249	229	210	189	163	136	111	91
-82.5°	186	182	177	164	151	139	126	107	89	73	58
-85°	102	98	95	89	82	76	70	60	50	41	33
-87.5°	37	36	35	33	32	31	29	26	23	20	18
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627170 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	12	12	12	12	12	12	12	12	11	10	9
87.5°	0	0	0	0	0	0	0	0	1	1	2
85°	0	0	0	0	0	0	0	0	0	1	1
82.5°	0	0	0	0	1	1	1	1	1	0	0
80°	0	0	0	0	1	2	3	3	2	1	1
77.5°	0	0	0	0	0	1	2	4	4	3	2
75°	0	0	0	0	0	0	1	2	3	4	3
72.5°	0	0	0	0	1	1	1	1	2	3	4
70°	1	0	0	1	2	2	2	2	2	3	4
67.5°	2	2	2	1	2	3	4	4	3	3	4
65°	5	4	4	3	3	3	4	5	5	4	4
62.5°	7	7	6	6	5	5	4	6	6	5	5
60°	9	9	9	8	7	7	6	6	7	7	6
57.5°	12	12	12	11	10	9	8	8	8	8	7
55°	22	15	15	14	12	11	10	10	9	9	8
52.5°	56	31	20	18	16	13	12	12	11	10	9
50°	103	67	38	24	20	17	14	14	13	12	10
47.5°	165	115	74	37	26	22	18	15	14	13	12
45°	254	169	117	74	35	30	22	17	16	15	13
42.5°	353	248	164	112	66	41	26	21	18	16	14
40°	450	342	220	154	100	55	38	25	19	18	15
37.5°	558	442	309	199	134	84	52	29	22	20	17
35°	691	553	397	265	178	111	68	37	27	21	18
32.5°	824	664	493	342	223	136	88	53	33	23	20
30°	958	765	583	413	276	175	110	68	40	25	21
27.5°	1079	861	667	488	337	217	133	83	47	28	23
25°	1215	965	750	559	394	261	157	98	58	34	24
22.5°	1390	1071	827	623	449	303	187	117	70	40	26
20°	1564	1175	902	704	510	350	222	136	82	47	27
17.5°	1735	1308	1012	787	575	394	255	155	93	53	29
15°	1889	1461	1119	865	638	435	285	174	103	60	31
12.5°	2017	1592	1221	938	699	472	313	191	112	67	34
10°	2124	1703	1315	1005	757	506	338	209	123	74	37
7.5°	2209	1795	1400	1066	809	537	364	227	134	82	40
5°	2273	1867	1466	1110	851	566	389	244	143	89	43
2.5°	2314	1920	1515	1145	885	590	411	260	152	95	45
0°	2338	1957	1552	1171	910	610	429	273	160	100	48
-2.5°	2360	1982	1585	1217	928	642	441	285	173	104	53
-5°	2368	1993	1606	1253	939	668	449	294	184	107	57
-7.5°	2355	1987	1613	1273	944	686	454	302	193	110	61
-10°	2328	1965	1603	1267	951	692	457	308	200	112	65
-12.5°	2288	1933	1582	1254	950	688	464	312	203	113	67
-15°	2235	1890	1550	1234	938	680	466	314	203	115	69
-17.5°	2173	1839	1507	1208	916	668	462	312	201	119	70
-20°	2111	1781	1456	1178	882	652	451	306	197	121	71

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REPORT NUMBER: P627170 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2038	1716	1411	1137	846	632	434	296	192	122	72
-25°	1955	1639	1358	1079	818	610	416	282	185	122	72
-27.5°	1860	1557	1296	1017	788	579	398	272	179	120	71
-30°	1755	1480	1221	956	751	546	376	261	177	118	69
-32.5°	1641	1393	1140	910	710	511	356	248	172	115	69
-35°	1534	1298	1058	857	666	491	343	234	166	111	69
-37.5°	1420	1199	993	801	620	467	332	227	158	106	69
-40°	1310	1105	917	749	586	441	315	220	150	100	68
-42.5°	1199	1017	845	691	554	415	293	209	144	96	67
-45°	1096	925	769	641	518	382	277	196	136	93	65
-47.5°	989	832	699	586	471	347	255	185	127	90	64
-50°	878	744	633	526	414	317	233	172	124	87	63
-52.5°	781	667	566	464	371	282	216	158	120	85	60
-55°	697	593	500	413	329	256	196	151	114	82	58
-57.5°	623	525	446	368	295	232	182	144	108	79	55
-60°	551	471	397	327	263	210	172	135	102	74	53
-62.5°	484	414	349	286	234	193	159	124	94	67	49
-65°	415	354	300	250	208	173	143	112	83	60	44
-67.5°	342	298	255	214	180	150	125	96	71	52	39
-70°	285	246	210	178	149	125	102	78	57	44	33
-72.5°	227	195	166	140	120	99	78	60	47	36	27
-75°	168	146	127	109	91	73	60	47	37	28	23
-77.5°	122	106	92	81	68	56	45	35	28	24	19
-80°	83	75	67	59	49	39	33	27	23	19	15
-82.5°	52	48	44	40	34	29	24	20	17	14	13
-85°	31	29	26	24	21	18	17	15	14	13	11
-87.5°	17	17	17	17	16	15	14	14	13	11	10
-90°	0	0	0	0	0	0	0	0	1	2	3

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REPORT NUMBER: P627170 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	8	7	6	5	4	4	4
87.5°	3	3	4	4	4	4	4
85°	2	3	3	4	4	4	4
82.5°	1	2	3	4	4	4	4
80°	0	1	3	4	4	4	4
77.5°	1	1	2	3	4	4	4
75°	2	2	2	3	4	4	4
72.5°	3	3	3	3	4	4	4
70°	4	3	3	3	4	4	4
67.5°	4	4	3	3	4	4	4
65°	4	4	3	3	4	4	4
62.5°	4	4	4	4	4	4	4
60°	5	5	4	4	4	4	4
57.5°	6	5	4	4	4	4	4
55°	7	6	5	4	4	4	4
52.5°	8	6	5	4	4	4	4
50°	9	7	6	4	4	4	4
47.5°	10	8	6	4	4	4	4
45°	11	9	7	4	4	4	4
42.5°	11	9	7	5	5	4	4
40°	12	10	8	5	5	4	4
37.5°	13	11	8	6	5	4	4
35°	14	11	9	6	5	4	4
32.5°	15	12	9	7	5	4	4
30°	16	13	10	7	5	4	4
27.5°	17	13	10	8	6	4	4
25°	19	14	11	8	6	4	4
22.5°	20	15	12	9	6	4	4
20°	21	15	12	9	6	4	4
17.5°	22	16	13	10	7	4	4
15°	23	17	13	10	7	4	4
12.5°	24	17	14	10	7	4	4
10°	25	18	14	11	7	4	4
7.5°	26	19	15	11	7	4	4
5°	27	19	15	11	8	4	4
2.5°	28	20	16	12	8	4	4
0°	28	20	16	12	8	4	4
-2.5°	30	21	16	12	8	4	4
-5°	31	21	17	12	8	4	4
-7.5°	32	21	17	12	8	4	4
-10°	33	22	17	12	8	4	4
-12.5°	34	22	17	12	8	4	4
-15°	35	22	17	12	8	4	4
-17.5°	35	22	17	11	8	4	4
-20°	36	22	17	11	8	4	4

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REPORT NUMBER: P627170 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	38	22	17	11	7	4	4
-25°	40	24	17	11	7	4	4
-27.5°	41	26	16	11	7	4	4
-30°	42	27	16	10	7	4	4
-32.5°	43	29	16	10	7	4	4
-35°	44	30	17	10	7	4	4
-37.5°	45	30	17	10	6	4	4
-40°	46	31	17	9	6	4	4
-42.5°	46	31	17	9	6	4	4
-45°	46	30	17	9	6	4	4
-47.5°	45	30	17	9	5	4	4
-50°	44	29	17	9	5	4	4
-52.5°	43	28	17	9	5	4	4
-55°	41	27	16	8	5	4	4
-57.5°	40	26	15	8	4	4	4
-60°	37	24	14	8	4	4	4
-62.5°	34	22	13	7	4	4	4
-65°	31	20	12	7	4	4	4
-67.5°	27	18	11	6	4	4	4
-70°	23	16	10	6	4	4	4
-72.5°	21	14	9	6	4	4	4
-75°	18	12	8	6	4	4	4
-77.5°	15	10	8	6	4	4	4
-80°	12	9	7	5	4	4	4
-82.5°	11	9	7	5	4	4	4
-85°	10	8	7	5	4	4	4
-87.5°	9	8	6	5	4	4	4
-90°	4	4	4	4	4	4	4

(END OF REPORT)