

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: P627546 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-722-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627546 (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-SA5B-722-U-MWR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (80) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

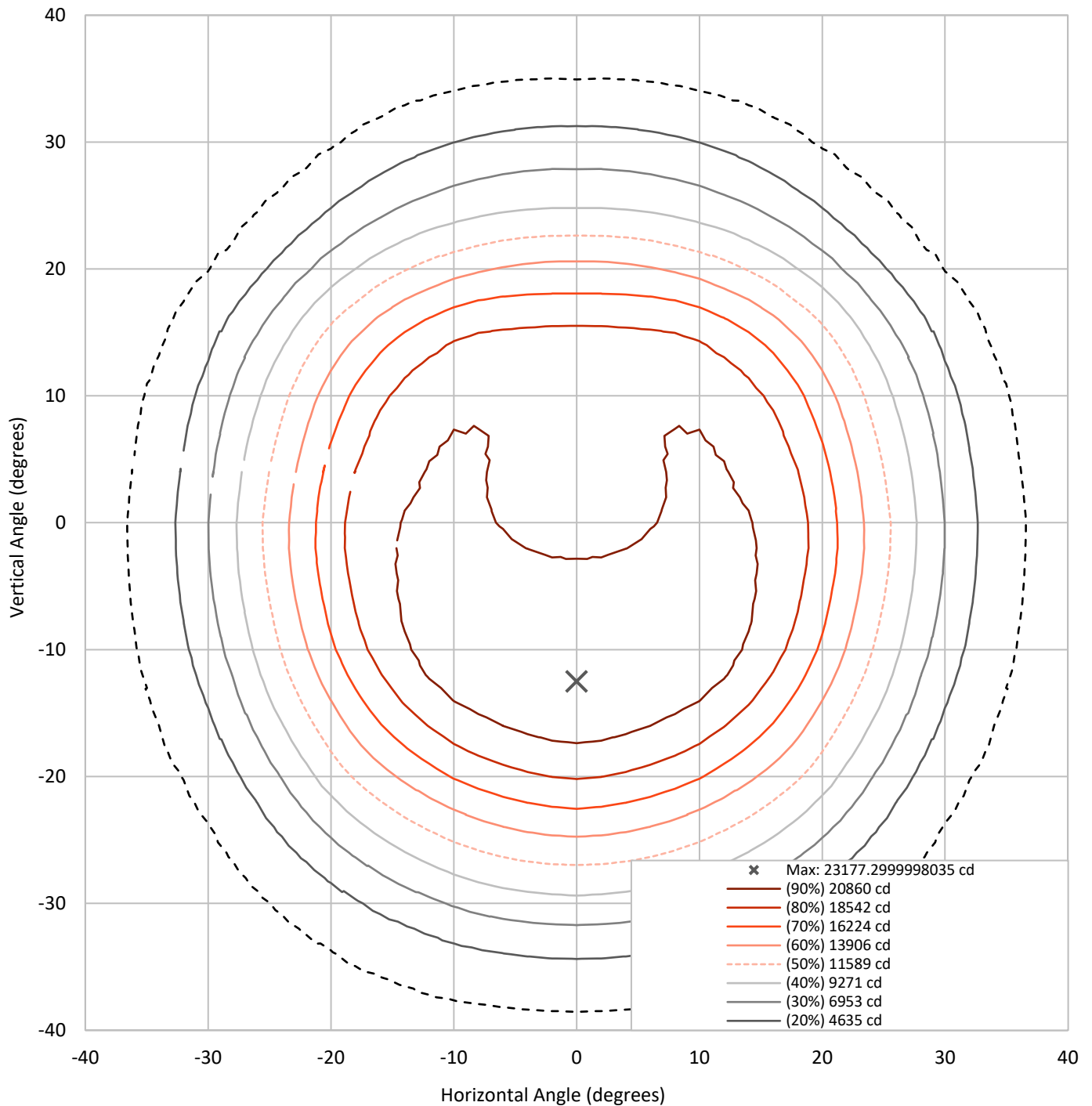
Lumens per Lamp:	N/A	NEMA Type:	4H x 5V
Luminaire Lumens:	16543.5 lumens	Max Intensity:	23177.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -12.5°V
Efficacy:	104.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	46.4°H x 49.6°V	Field Angle (10%):	69.9°H x 73.3°V
Beam Lumens:	11080.8 lumens	Field Lumens:	14911.5 lumens
Beam Efficiency:	67.0%	Field Efficiency:	90.1%
Input Watts (W):	158.7		
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: P627546 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-U-MWR-VSR-XX

Iso-Candela Plot





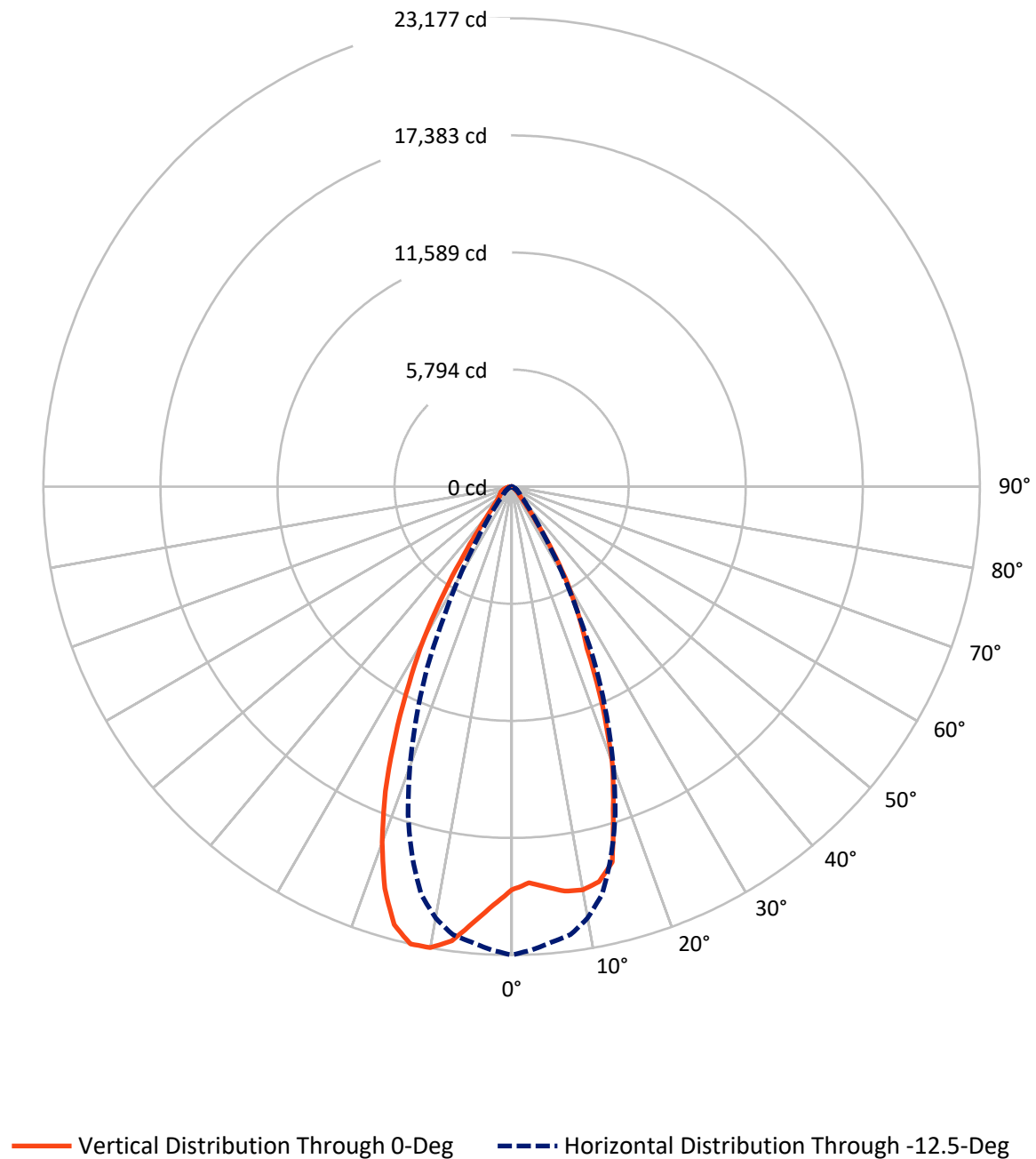
REPORT NUMBER: P627546 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

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	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0				
50		0.0	0.1	0.5	1.3	2.3	3.2	3.7	3.7	3.2	2.3	1.3	0.5	0.1		0.0			
40	0.1	0.1	0.6	2.3	4.6	7.6	11.3	13.9	13.9	11.3	7.6	4.6	2.3	0.6	0.1	0.1			
30		0.3	1.8	4.8	9.9	21.5	48.8	74.6	74.6	48.8	21.5	9.9	4.8	1.8	0.3				
20	0.2	0.7	3.1	7.7	20.8	76.9	198.0	276.8	276.8	198.0	76.9	20.8	7.7	3.1	0.7	0.2			
10		1.1	4.3	11.9	49.4	213.6	445.5	551.6	551.6	445.5	213.6	49.4	11.9	4.3	1.1				
0	0.3	1.4	5.3	15.4	78.7	314.5	574.4	622.8	622.8	574.4	314.5	78.7	15.4	5.3	1.4	0.3			
-10		1.7	5.9	16.5	82.3	324.8	595.1	661.0	661.0	595.1	324.8	82.3	16.5	5.9	1.7				
-20	0.5	1.8	6.0	15.0	58.9	241.8	502.1	641.0	641.0	502.1	241.8	58.9	15.0	6.0	1.8	0.5			
-30		1.8	5.7	12.5	32.9	117.3	279.7	393.7	393.7	279.7	117.3	32.9	12.5	5.7	1.8				
-40	0.4	1.5	5.1	10.3	19.6	41.8	87.4	129.7	129.7	87.4	41.8	19.6	10.3	5.1	1.5	0.4			
-50		1.3	4.3	8.6	14.4	21.2	29.8	35.4	35.4	29.8	21.2	14.4	8.6	4.3	1.3				
-60	0.3	1.0	3.2	6.8	11.3	15.6	19.5	21.3	21.3	19.5	15.6	11.3	6.8	3.2	1.0	0.3			
-70		0.7	2.0	4.6	7.9	11.2	14.2	15.8	15.8	14.2	11.2	7.9	4.6	2.0	0.7				
-80	0.1	1.8	8.3	17.7	22.7	17.7	8.3	1.8	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

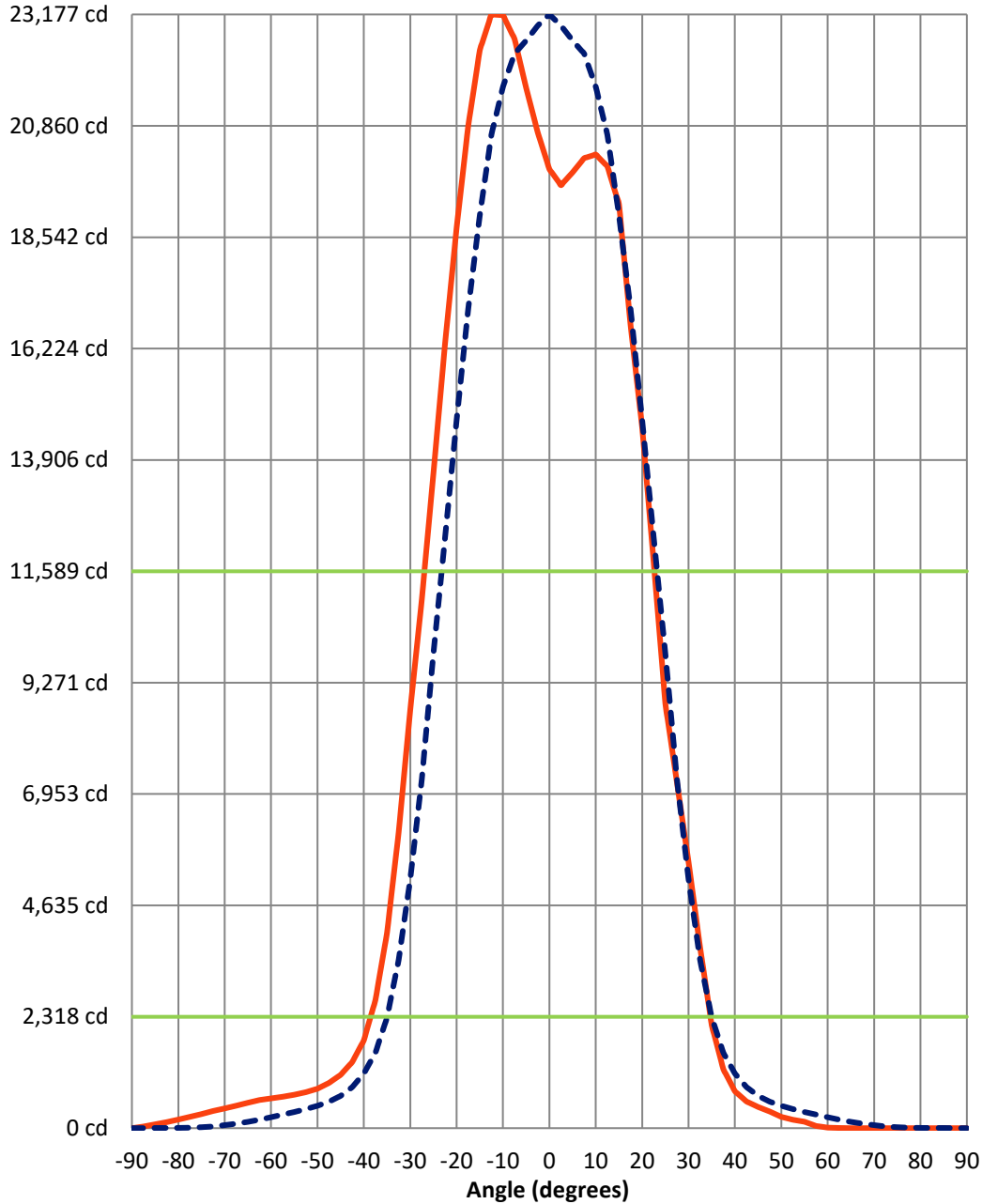
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 11080.8
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 14911.5
 Efficiency: 90.1%

Spill:
 Lumens: 1632
 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	0	0	0	0	0	0
72.5°	0	0	0	0	0	1	0	0	0	0	0
70°	0	0	0	0	1	1	0	0	0	0	0
67.5°	0	0	0	0	1	1	0	0	0	1	0
65°	0	0	0	1	2	1	1	0	1	1	1
62.5°	0	0	0	1	2	1	1	1	2	2	2
60°	0	0	0	2	2	2	1	2	3	3	3
57.5°	0	0	0	2	2	2	1	3	3	3	4
55°	0	0	1	2	3	2	2	4	4	4	4
52.5°	0	0	1	3	3	2	3	4	4	4	4
50°	0	0	1	3	3	2	3	4	4	4	4
47.5°	0	0	1	4	3	3	4	4	4	4	5
45°	0	0	2	4	3	3	4	5	4	5	6
42.5°	0	0	2	4	3	3	5	5	4	6	8
40°	0	0	2	4	3	4	5	5	5	7	9
37.5°	0	0	2	4	3	4	5	5	6	9	10
35°	0	0	2	4	4	4	6	6	8	11	14
32.5°	0	0	3	4	4	4	6	6	9	13	23
30°	0	0	3	4	4	5	7	6	11	17	30
27.5°	0	0	3	4	4	5	7	8	13	20	38
25°	0	0	3	4	4	6	7	9	15	26	44
22.5°	0	0	3	4	4	6	7	10	18	31	52
20°	0	0	3	4	4	6	8	11	21	36	60
17.5°	0	0	3	4	4	7	8	12	25	41	68
15°	0	0	4	4	4	7	8	14	28	45	77
12.5°	0	0	4	4	4	7	9	17	31	49	85
10°	0	0	4	4	4	7	9	20	34	55	92
7.5°	0	0	4	4	4	7	10	22	37	61	99
5°	0	0	4	4	4	8	10	25	39	68	103
2.5°	0	0	4	4	4	8	11	28	40	74	107
0°	0	0	4	4	4	8	11	30	42	80	110
-2.5°	0	0	4	4	4	8	13	31	47	83	116
-5°	0	0	4	4	4	8	15	32	52	86	121
-7.5°	0	0	4	4	5	9	17	33	57	89	125
-10°	0	0	4	4	5	9	19	34	60	91	129
-12.5°	0	0	4	4	5	9	20	34	63	93	131
-15°	0	0	4	4	6	9	21	35	64	94	132
-17.5°	0	1	4	4	6	10	21	36	63	94	132
-20°	0	1	3	4	6	10	22	37	63	94	131

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CATALOG NUMBER: GFLD-SA5B-722-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	1	3	4	6	10	22	38	62	93	127
-25°	0	1	3	4	6	10	22	38	60	91	123
-27.5°	0	1	3	4	6	11	22	38	59	88	120
-30°	0	1	3	4	6	12	21	38	58	86	116
-32.5°	0	1	3	4	6	12	21	37	57	83	112
-35°	0	1	3	4	6	12	21	36	56	81	106
-37.5°	0	1	3	4	6	12	21	35	53	78	104
-40°	0	1	3	4	6	13	21	34	50	75	103
-42.5°	0	1	3	4	6	13	21	32	48	71	99
-45°	0	1	3	4	7	12	20	31	46	66	95
-47.5°	0	1	3	4	7	12	20	30	43	61	89
-50°	0	1	3	4	7	12	19	29	41	59	82
-52.5°	0	1	3	4	7	12	18	27	39	56	75
-55°	0	1	3	5	7	11	18	25	37	52	70
-57.5°	0	1	3	5	7	11	17	24	35	49	65
-60°	0	1	3	5	7	10	16	23	33	45	60
-62.5°	0	1	3	5	7	10	15	22	30	41	55
-65°	0	1	3	5	6	9	14	20	28	38	50
-67.5°	0	1	3	5	6	9	12	18	25	33	44
-70°	0	1	2	5	6	8	11	16	22	29	38
-72.5°	0	1	2	4	6	8	10	13	18	24	31
-75°	0	0	2	4	6	7	9	12	15	20	26
-77.5°	0	0	2	3	5	7	9	11	13	16	20
-80°	0	0	1	2	4	6	8	9	11	14	16
-82.5°	0	0	1	2	3	4	6	8	10	11	13
-85°	0	0	1	1	2	3	4	5	6	8	10
-87.5°	0	0	0	1	1	1	2	3	3	4	5
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627546 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-722-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	0	0	0	0	0	0	0	0	0
67.5°	0	1	1	1	0	0	0	0	0	0	0
65°	2	2	2	1	0	1	1	1	0	0	0
62.5°	4	3	2	2	2	3	2	1	0	1	1
60°	4	3	3	3	4	3	2	3	3	4	9
57.5°	4	4	3	4	4	4	5	5	14	23	25
55°	4	4	4	5	6	7	10	21	32	39	42
52.5°	4	4	6	7	9	14	26	39	49	57	67
50°	5	6	8	11	17	30	44	58	71	83	98
47.5°	6	8	11	17	31	48	65	83	98	115	136
45°	8	12	16	29	47	68	90	109	125	145	164
42.5°	10	19	28	42	67	92	117	133	150	172	196
40°	16	26	40	61	88	118	140	157	176	206	236
37.5°	23	37	53	81	113	142	163	184	212	246	282
35°	32	47	71	102	137	164	188	214	252	292	334
32.5°	40	56	88	123	157	185	212	251	291	335	393
30°	49	71	105	143	175	205	242	286	325	379	447
27.5°	58	85	122	160	192	224	272	315	360	421	503
25°	68	101	139	175	208	248	302	347	393	471	581
22.5°	79	115	155	189	224	274	332	387	448	526	662
20°	92	129	169	206	239	299	363	432	514	623	801
17.5°	104	142	183	223	265	326	398	478	581	716	977
15°	114	153	196	240	288	353	432	531	655	824	1149
12.5°	124	163	209	256	310	378	462	570	717	959	1367
10°	132	172	222	272	328	400	489	603	767	1056	1531
7.5°	140	182	233	287	345	419	511	630	811	1132	1658
5°	146	193	243	299	357	434	530	650	848	1188	1756
2.5°	151	203	252	308	366	447	544	670	884	1234	1839
0°	156	213	258	315	372	456	555	684	912	1265	1904
-2.5°	161	218	267	321	383	463	560	694	921	1270	1891
-5°	166	221	275	326	391	466	561	698	920	1260	1852
-7.5°	169	223	280	329	396	468	562	696	910	1239	1789
-10°	172	225	282	334	397	468	559	687	889	1198	1694
-12.5°	176	228	283	336	397	465	552	672	855	1137	1571
-15°	178	229	282	335	395	460	540	650	809	1055	1419
-17.5°	179	229	281	332	392	453	524	625	767	983	1311
-20°	179	229	279	327	387	445	513	605	732	915	1179

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CATALOG NUMBER: GFLD-SA5B-722-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°	177	227	277	322	380	437	500	581	688	837	1051
-25°	174	224	273	319	371	428	484	555	648	780	958
-27.5°	168	220	268	315	362	417	470	534	615	717	859
-30°	159	213	261	308	354	405	456	510	582	671	785
-32.5°	151	206	252	298	345	394	442	492	553	627	716
-35°	145	197	244	287	334	381	427	473	524	589	666
-37.5°	142	188	235	276	320	366	410	455	501	553	622
-40°	137	178	225	266	306	350	393	435	478	530	583
-42.5°	131	171	215	257	294	335	376	416	459	507	557
-45°	126	163	204	243	281	319	359	397	439	484	530
-47.5°	119	154	193	228	265	303	341	379	416	458	503
-50°	110	143	179	213	246	284	322	360	396	432	471
-52.5°	101	131	165	198	228	260	299	338	374	409	444
-55°	92	119	150	182	213	241	274	313	349	384	419
-57.5°	84	107	136	166	196	225	256	289	325	358	392
-60°	77	96	120	149	178	207	237	268	300	332	363
-62.5°	70	87	106	130	157	186	214	243	274	301	329
-65°	63	77	93	113	135	161	188	216	243	268	291
-67.5°	56	68	81	96	115	137	158	184	209	233	255
-70°	48	59	70	82	97	114	134	155	175	196	218
-72.5°	40	49	59	69	82	97	112	129	146	165	183
-75°	33	40	48	57	68	80	93	107	121	136	151
-77.5°	26	32	39	46	54	63	73	85	96	108	119
-80°	20	24	30	35	42	48	55	63	71	81	91
-82.5°	16	19	22	26	30	34	39	45	51	58	65
-85°	11	13	15	17	20	22	25	28	32	37	41
-87.5°	6	7	8	9	10	11	12	13	15	17	20
-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°	1	1	1	1	1	1	2	2	3	3	3
60°	10	7	10	12	12	9	14	15	14	11	12
57.5°	27	29	33	38	43	45	49	53	55	57	59
55°	49	59	69	74	82	94	105	106	108	111	117
52.5°	78	90	95	104	120	130	135	144	153	163	171
50°	114	123	135	149	165	175	178	193	212	228	237
47.5°	149	162	183	208	222	233	249	269	290	312	330
45°	182	205	232	255	272	292	313	338	371	402	425
42.5°	220	246	273	299	319	351	388	418	465	507	533
40°	264	290	328	360	401	442	506	565	625	694	745
37.5°	317	356	411	463	522	583	698	815	911	1046	1121
35°	380	442	518	596	691	838	1006	1233	1468	1664	1854
32.5°	453	532	638	778	937	1173	1425	1842	2249	2655	3054
30°	525	640	802	994	1256	1629	2103	2748	3447	4059	4613
27.5°	621	784	994	1281	1727	2274	3150	4046	4935	5730	6300
25°	737	956	1252	1727	2372	3279	4453	5551	6595	7374	8030
22.5°	905	1232	1653	2258	3428	4690	6094	7476	8649	9630	10277
20°	1112	1555	2260	3356	4731	6310	8117	9570	11015	12119	13106
17.5°	1406	2111	3106	4498	6141	8247	10108	11728	13563	14691	15698
15°	1670	2576	3994	5771	7696	9928	12122	14107	15878	17118	18243
12.5°	2004	3071	4701	6790	8896	11381	13662	15788	17522	18798	19585
10°	2304	3578	5407	7592	9950	12545	14910	17122	18802	19788	20367
7.5°	2545	3999	5979	8278	10767	13380	15877	18073	19680	20506	20901
5°	2732	4311	6426	8841	11426	14099	16648	18797	20151	20833	21054
2.5°	2873	4529	6728	9211	11871	14630	17233	19351	20506	20998	21071
0°	2968	4682	6924	9443	12252	14821	17549	19700	20798	21194	21232
-2.5°	2945	4626	6915	9359	12208	14906	17600	19722	20898	21429	21515
-5°	2885	4496	6686	9120	11861	14563	17132	19373	20816	21618	21973
-7.5°	2770	4271	6294	8662	11298	14003	16623	18948	20608	21736	22431
-10°	2573	3943	5792	8083	10681	13258	15848	18262	20049	21408	22376
-12.5°	2304	3497	5180	7263	9875	12281	14733	17046	18996	20671	21672
-15°	2027	3032	4545	6450	8724	11094	13359	15628	17554	19120	20368
-17.5°	1829	2626	3809	5476	7473	9721	11931	14015	15753	17226	18535
-20°	1579	2171	3107	4509	6267	8232	10350	12205	13757	15137	16388

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REPORT NUMBER: P627546 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-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°	1380	1859	2535	3492	5071	6804	8536	10244	11703	12933	14000
-25°	1199	1535	2064	2842	3869	5366	6825	8267	9614	10757	11718
-27.5°	1057	1324	1677	2231	3010	3883	5162	6367	7526	8571	9477
-30°	928	1128	1404	1750	2280	2929	3698	4600	5523	6348	7171
-32.5°	835	978	1167	1424	1721	2186	2650	3257	3842	4443	5034
-35°	752	867	995	1167	1371	1642	1948	2319	2631	3025	3388
-37.5°	695	775	874	982	1128	1279	1487	1712	1906	2125	2309
-40°	647	711	777	851	951	1053	1187	1313	1436	1570	1670
-42.5°	607	658	707	763	822	904	994	1073	1148	1226	1292
-45°	576	614	653	697	742	801	865	924	972	1016	1052
-47.5°	543	577	611	645	683	726	768	806	846	880	905
-50°	510	543	574	604	637	671	704	734	763	788	804
-52.5°	478	512	543	570	598	626	653	680	705	728	738
-55°	453	485	516	540	564	588	612	638	661	683	689
-57.5°	426	459	489	511	533	554	577	600	623	643	650
-60°	395	430	456	477	499	522	543	565	586	603	610
-62.5°	359	389	413	434	454	473	496	519	541	558	569
-65°	315	342	365	386	405	423	445	466	486	501	512
-67.5°	277	297	317	335	354	373	393	413	431	445	454
-70°	239	258	276	294	310	327	343	359	375	387	396
-72.5°	202	219	234	250	265	279	294	307	321	331	340
-75°	167	181	194	207	220	232	243	254	264	273	281
-77.5°	131	143	154	166	177	186	194	203	211	218	225
-80°	101	109	117	126	134	141	148	154	160	166	171
-82.5°	72	78	83	89	94	99	104	109	113	117	121
-85°	46	49	52	55	58	61	64	67	70	72	75
-87.5°	22	23	25	26	28	29	30	32	33	34	36
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627546 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-722-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°	3	4	4	4	4	4	3	3	3	3	2
60°	12	11	11	11	11	11	12	12	11	14	15
57.5°	57	53	50	46	50	53	57	59	57	55	53
55°	124	131	134	133	134	131	124	117	111	108	106
52.5°	176	180	179	175	179	180	176	171	163	153	144
50°	241	241	239	236	239	241	241	237	228	212	193
47.5°	339	344	346	346	346	344	339	330	312	290	269
45°	434	439	441	441	441	439	434	425	402	371	338
42.5°	546	555	558	555	558	555	546	533	507	465	418
40°	774	784	779	768	779	784	774	745	694	625	565
37.5°	1173	1211	1227	1228	1227	1211	1173	1121	1046	911	815
35°	2023	2159	2221	2143	2221	2159	2023	1854	1664	1468	1233
32.5°	3379	3619	3755	3755	3755	3619	3379	3054	2655	2249	1842
30°	5032	5332	5501	5537	5501	5332	5032	4613	4059	3447	2748
27.5°	6745	7056	7217	7194	7217	7056	6745	6300	5730	4935	4046
25°	8465	8700	8835	8839	8835	8700	8465	8030	7374	6595	5551
22.5°	11004	11499	11703	11758	11703	11499	11004	10277	9630	8649	7476
20°	13773	14253	14563	14581	14563	14253	13773	13106	12119	11015	9570
17.5°	16411	16649	16693	16713	16693	16649	16411	15698	14691	13563	11728
15°	18898	18981	19201	19229	19201	18981	18898	18243	17118	15878	14107
12.5°	20079	20156	20118	20016	20118	20156	20079	19585	18798	17522	15788
10°	20723	20615	20455	20263	20455	20615	20723	20367	19788	18802	17122
7.5°	20869	20749	20467	20187	20467	20749	20869	20901	20506	19680	18073
5°	20938	20587	20230	19890	20230	20587	20938	21054	20833	20151	18797
2.5°	20897	20480	19990	19624	19990	20480	20897	21071	20998	20506	19351
0°	21030	20608	20095	19959	20095	20608	21030	21232	21194	20798	19700
-2.5°	21401	21060	20792	20719	20792	21060	21401	21515	21429	20898	19722
-5°	22069	21994	21539	21646	21539	21994	22069	21973	21618	20816	19373
-7.5°	22715	22608	22415	22664	22415	22608	22715	22431	21736	20608	18948
-10°	22886	22851	22941	23162	22941	22851	22886	22376	21408	20049	18262
-12.5°	22360	22636	22945	23177	22945	22636	22360	21672	20671	18996	17046
-15°	21188	21751	22213	22432	22213	21751	21188	20368	19120	17554	15628
-17.5°	19461	20152	20699	20855	20699	20152	19461	18535	17226	15753	14015
-20°	17335	18038	18536	18735	18536	18038	17335	16388	15137	13757	12205

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REPORT NUMBER: P627546 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	14942	15629	16080	16318	16080	15629	14942	14000	12933	11703	10244
-25°	12514	13118	13518	13624	13518	13118	12514	11718	10757	9614	8267
-27.5°	10192	10677	10973	11005	10973	10677	10192	9477	8571	7526	6367
-30°	7856	8307	8563	8699	8563	8307	7856	7171	6348	5523	4600
-32.5°	5518	5875	6092	6149	6092	5875	5518	5034	4443	3842	3257
-35°	3679	3901	4038	4066	4038	3901	3679	3388	3025	2631	2319
-37.5°	2460	2568	2635	2668	2635	2568	2460	2309	2125	1906	1712
-40°	1743	1794	1822	1828	1822	1794	1743	1670	1570	1436	1313
-42.5°	1333	1359	1372	1376	1372	1359	1333	1292	1226	1148	1073
-45°	1077	1095	1106	1110	1106	1095	1077	1052	1016	972	924
-47.5°	921	933	940	942	940	933	921	905	880	846	806
-50°	813	819	822	821	822	819	813	804	788	763	734
-52.5°	744	749	750	749	750	749	744	738	728	705	680
-55°	694	697	697	695	697	697	694	689	683	661	638
-57.5°	655	659	658	654	658	659	655	650	643	623	600
-60°	616	621	621	619	621	621	616	610	603	586	565
-62.5°	578	586	587	585	587	586	578	569	558	541	519
-65°	523	532	532	528	532	532	523	512	501	486	466
-67.5°	462	469	469	467	469	469	462	454	445	431	413
-70°	404	412	412	410	412	412	404	396	387	375	359
-72.5°	348	355	357	357	357	355	348	340	331	321	307
-75°	288	295	294	293	294	295	288	281	273	264	254
-77.5°	232	238	237	236	237	238	232	225	218	211	203
-80°	177	181	180	179	180	181	177	171	166	160	154
-82.5°	125	129	127	125	127	129	125	121	117	113	109
-85°	77	79	80	80	80	79	77	75	72	70	67
-87.5°	37	38	36	34	36	38	37	36	34	33	32
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627546 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-722-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	0
65°	0	0	0	0	0	0	0	0	0	0	1
62.5°	2	1	1	1	1	1	1	1	1	0	1
60°	14	9	12	12	10	7	10	9	4	3	3
57.5°	49	45	43	38	33	29	27	25	23	14	5
55°	105	94	82	74	69	59	49	42	39	32	21
52.5°	135	130	120	104	95	90	78	67	57	49	39
50°	178	175	165	149	135	123	114	98	83	71	58
47.5°	249	233	222	208	183	162	149	136	115	98	83
45°	313	292	272	255	232	205	182	164	145	125	109
42.5°	388	351	319	299	273	246	220	196	172	150	133
40°	506	442	401	360	328	290	264	236	206	176	157
37.5°	698	583	522	463	411	356	317	282	246	212	184
35°	1006	838	691	596	518	442	380	334	292	252	214
32.5°	1425	1173	937	778	638	532	453	393	335	291	251
30°	2103	1629	1256	994	802	640	525	447	379	325	286
27.5°	3150	2274	1727	1281	994	784	621	503	421	360	315
25°	4453	3279	2372	1727	1252	956	737	581	471	393	347
22.5°	6094	4690	3428	2258	1653	1232	905	662	526	448	387
20°	8117	6310	4731	3356	2260	1555	1112	801	623	514	432
17.5°	10108	8247	6141	4498	3106	2111	1406	977	716	581	478
15°	12122	9928	7696	5771	3994	2576	1670	1149	824	655	531
12.5°	13662	11381	8896	6790	4701	3071	2004	1367	959	717	570
10°	14910	12545	9950	7592	5407	3578	2304	1531	1056	767	603
7.5°	15877	13380	10767	8278	5979	3999	2545	1658	1132	811	630
5°	16648	14099	11426	8841	6426	4311	2732	1756	1188	848	650
2.5°	17233	14630	11871	9211	6728	4529	2873	1839	1234	884	670
0°	17549	14821	12252	9443	6924	4682	2968	1904	1265	912	684
-2.5°	17600	14906	12208	9359	6915	4626	2945	1891	1270	921	694
-5°	17132	14563	11861	9120	6686	4496	2885	1852	1260	920	698
-7.5°	16623	14003	11298	8662	6294	4271	2770	1789	1239	910	696
-10°	15848	13258	10681	8083	5792	3943	2573	1694	1198	889	687
-12.5°	14733	12281	9875	7263	5180	3497	2304	1571	1137	855	672
-15°	13359	11094	8724	6450	4545	3032	2027	1419	1055	809	650
-17.5°	11931	9721	7473	5476	3809	2626	1829	1311	983	767	625
-20°	10350	8232	6267	4509	3107	2171	1579	1179	915	732	605

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REPORT NUMBER: P627546 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-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°	8536	6804	5071	3492	2535	1859	1380	1051	837	688	581
-25°	6825	5366	3869	2842	2064	1535	1199	958	780	648	555
-27.5°	5162	3883	3010	2231	1677	1324	1057	859	717	615	534
-30°	3698	2929	2280	1750	1404	1128	928	785	671	582	510
-32.5°	2650	2186	1721	1424	1167	978	835	716	627	553	492
-35°	1948	1642	1371	1167	995	867	752	666	589	524	473
-37.5°	1487	1279	1128	982	874	775	695	622	553	501	455
-40°	1187	1053	951	851	777	711	647	583	530	478	435
-42.5°	994	904	822	763	707	658	607	557	507	459	416
-45°	865	801	742	697	653	614	576	530	484	439	397
-47.5°	768	726	683	645	611	577	543	503	458	416	379
-50°	704	671	637	604	574	543	510	471	432	396	360
-52.5°	653	626	598	570	543	512	478	444	409	374	338
-55°	612	588	564	540	516	485	453	419	384	349	313
-57.5°	577	554	533	511	489	459	426	392	358	325	289
-60°	543	522	499	477	456	430	395	363	332	300	268
-62.5°	496	473	454	434	413	389	359	329	301	274	243
-65°	445	423	405	386	365	342	315	291	268	243	216
-67.5°	393	373	354	335	317	297	277	255	233	209	184
-70°	343	327	310	294	276	258	239	218	196	175	155
-72.5°	294	279	265	250	234	219	202	183	165	146	129
-75°	243	232	220	207	194	181	167	151	136	121	107
-77.5°	194	186	177	166	154	143	131	119	108	96	85
-80°	148	141	134	126	117	109	101	91	81	71	63
-82.5°	104	99	94	89	83	78	72	65	58	51	45
-85°	64	61	58	55	52	49	46	41	37	32	28
-87.5°	30	29	28	26	25	23	22	20	17	15	13
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627546 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	0	0	0	0	0	0	0	0
67.5°	0	0	0	1	1	1	0	0	1	0	0
65°	1	1	0	1	2	2	2	1	1	1	0
62.5°	2	3	2	2	2	3	4	2	2	2	1
60°	2	3	4	3	3	3	4	3	3	3	2
57.5°	5	4	4	4	3	4	4	4	3	3	3
55°	10	7	6	5	4	4	4	4	4	4	4
52.5°	26	14	9	7	6	4	4	4	4	4	4
50°	44	30	17	11	8	6	5	4	4	4	4
47.5°	65	48	31	17	11	8	6	5	4	4	4
45°	90	68	47	29	16	12	8	6	5	4	5
42.5°	117	92	67	42	28	19	10	8	6	4	5
40°	140	118	88	61	40	26	16	9	7	5	5
37.5°	163	142	113	81	53	37	23	10	9	6	5
35°	188	164	137	102	71	47	32	14	11	8	6
32.5°	212	185	157	123	88	56	40	23	13	9	6
30°	242	205	175	143	105	71	49	30	17	11	6
27.5°	272	224	192	160	122	85	58	38	20	13	8
25°	302	248	208	175	139	101	68	44	26	15	9
22.5°	332	274	224	189	155	115	79	52	31	18	10
20°	363	299	239	206	169	129	92	60	36	21	11
17.5°	398	326	265	223	183	142	104	68	41	25	12
15°	432	353	288	240	196	153	114	77	45	28	14
12.5°	462	378	310	256	209	163	124	85	49	31	17
10°	489	400	328	272	222	172	132	92	55	34	20
7.5°	511	419	345	287	233	182	140	99	61	37	22
5°	530	434	357	299	243	193	146	103	68	39	25
2.5°	544	447	366	308	252	203	151	107	74	40	28
0°	555	456	372	315	258	213	156	110	80	42	30
-2.5°	560	463	383	321	267	218	161	116	83	47	31
-5°	561	466	391	326	275	221	166	121	86	52	32
-7.5°	562	468	396	329	280	223	169	125	89	57	33
-10°	559	468	397	334	282	225	172	129	91	60	34
-12.5°	552	465	397	336	283	228	176	131	93	63	34
-15°	540	460	395	335	282	229	178	132	94	64	35
-17.5°	524	453	392	332	281	229	179	132	94	63	36
-20°	513	445	387	327	279	229	179	131	94	63	37

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CATALOG NUMBER: GFLD-SA5B-722-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	500	437	380	322	277	227	177	127	93	62	38
-25°	484	428	371	319	273	224	174	123	91	60	38
-27.5°	470	417	362	315	268	220	168	120	88	59	38
-30°	456	405	354	308	261	213	159	116	86	58	38
-32.5°	442	394	345	298	252	206	151	112	83	57	37
-35°	427	381	334	287	244	197	145	106	81	56	36
-37.5°	410	366	320	276	235	188	142	104	78	53	35
-40°	393	350	306	266	225	178	137	103	75	50	34
-42.5°	376	335	294	257	215	171	131	99	71	48	32
-45°	359	319	281	243	204	163	126	95	66	46	31
-47.5°	341	303	265	228	193	154	119	89	61	43	30
-50°	322	284	246	213	179	143	110	82	59	41	29
-52.5°	299	260	228	198	165	131	101	75	56	39	27
-55°	274	241	213	182	150	119	92	70	52	37	25
-57.5°	256	225	196	166	136	107	84	65	49	35	24
-60°	237	207	178	149	120	96	77	60	45	33	23
-62.5°	214	186	157	130	106	87	70	55	41	30	22
-65°	188	161	135	113	93	77	63	50	38	28	20
-67.5°	158	137	115	96	81	68	56	44	33	25	18
-70°	134	114	97	82	70	59	48	38	29	22	16
-72.5°	112	97	82	69	59	49	40	31	24	18	13
-75°	93	80	68	57	48	40	33	26	20	15	12
-77.5°	73	63	54	46	39	32	26	20	16	13	11
-80°	55	48	42	35	30	24	20	16	14	11	9
-82.5°	39	34	30	26	22	19	16	13	11	10	8
-85°	25	22	20	17	15	13	11	10	8	6	5
-87.5°	12	11	10	9	8	7	6	5	4	3	3
-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: P627546 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-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	0	0	0	0	0	0
72.5°	0	1	0	0	0	0	0
70°	0	1	1	0	0	0	0
67.5°	0	1	1	0	0	0	0
65°	1	1	2	1	0	0	0
62.5°	1	1	2	1	0	0	0
60°	1	2	2	2	0	0	0
57.5°	1	2	2	2	0	0	0
55°	2	2	3	2	1	0	0
52.5°	3	2	3	3	1	0	0
50°	3	2	3	3	1	0	0
47.5°	4	3	3	4	1	0	0
45°	4	3	3	4	2	0	0
42.5°	5	3	3	4	2	0	0
40°	5	4	3	4	2	0	0
37.5°	5	4	3	4	2	0	0
35°	6	4	4	4	2	0	0
32.5°	6	4	4	4	3	0	0
30°	7	5	4	4	3	0	0
27.5°	7	5	4	4	3	0	0
25°	7	6	4	4	3	0	0
22.5°	7	6	4	4	3	0	0
20°	8	6	4	4	3	0	0
17.5°	8	7	4	4	3	0	0
15°	8	7	4	4	4	0	0
12.5°	9	7	4	4	4	0	0
10°	9	7	4	4	4	0	0
7.5°	10	7	4	4	4	0	0
5°	10	8	4	4	4	0	0
2.5°	11	8	4	4	4	0	0
0°	11	8	4	4	4	0	0
-2.5°	13	8	4	4	4	0	0
-5°	15	8	4	4	4	0	0
-7.5°	17	9	5	4	4	0	0
-10°	19	9	5	4	4	0	0
-12.5°	20	9	5	4	4	0	0
-15°	21	9	6	4	4	0	0
-17.5°	21	10	6	4	4	1	0
-20°	22	10	6	4	3	1	0

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REPORT NUMBER: P627546 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)