

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: P627584 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-740-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627584 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-14)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA5B-740-U-MR-VSR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (80) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

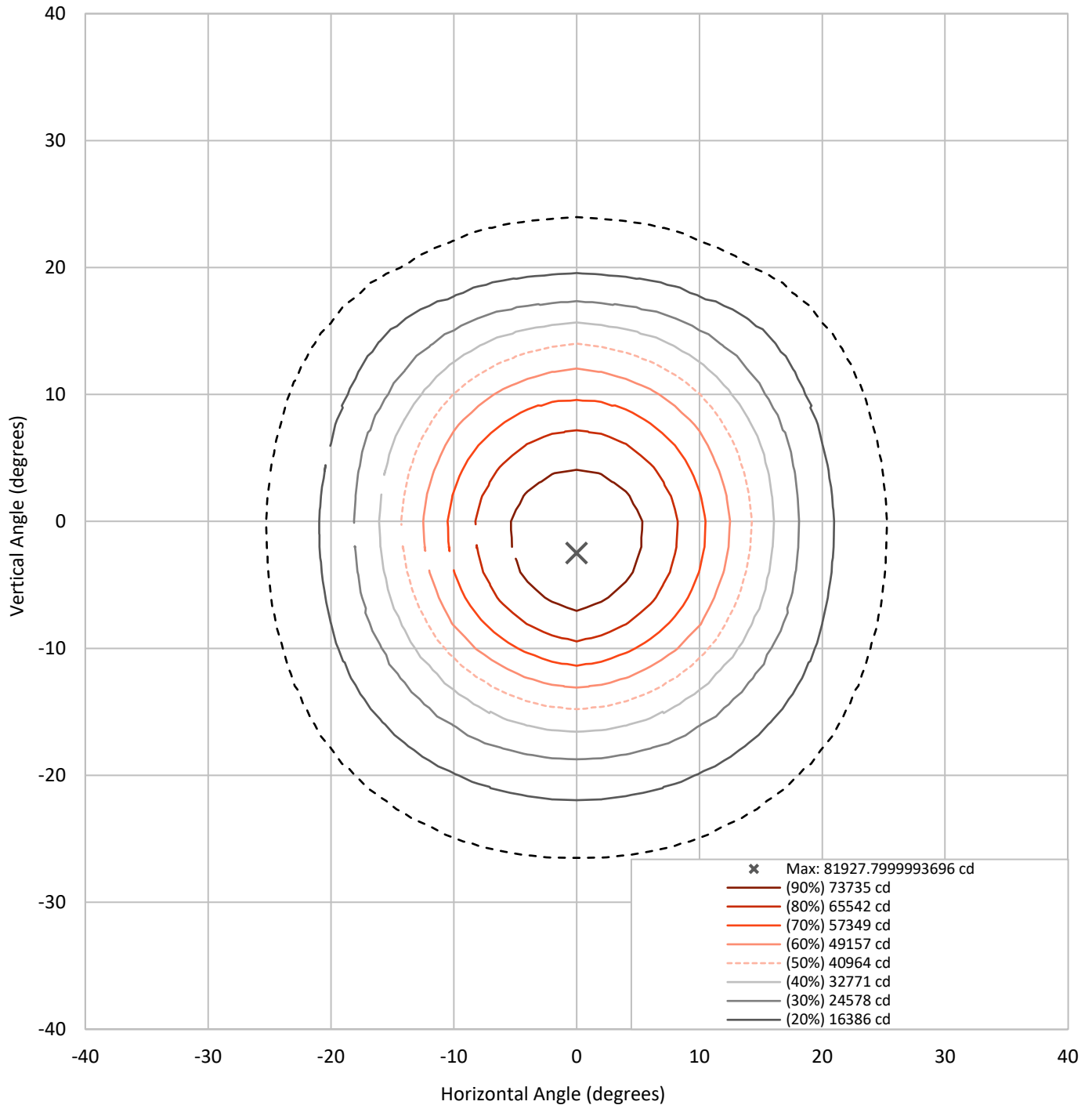
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	23236.5 lumens	Max Intensity:	81927.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	146.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	11618.5 lumens	Field Lumens:	19964.5 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
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		



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### Iso-Candela Plot





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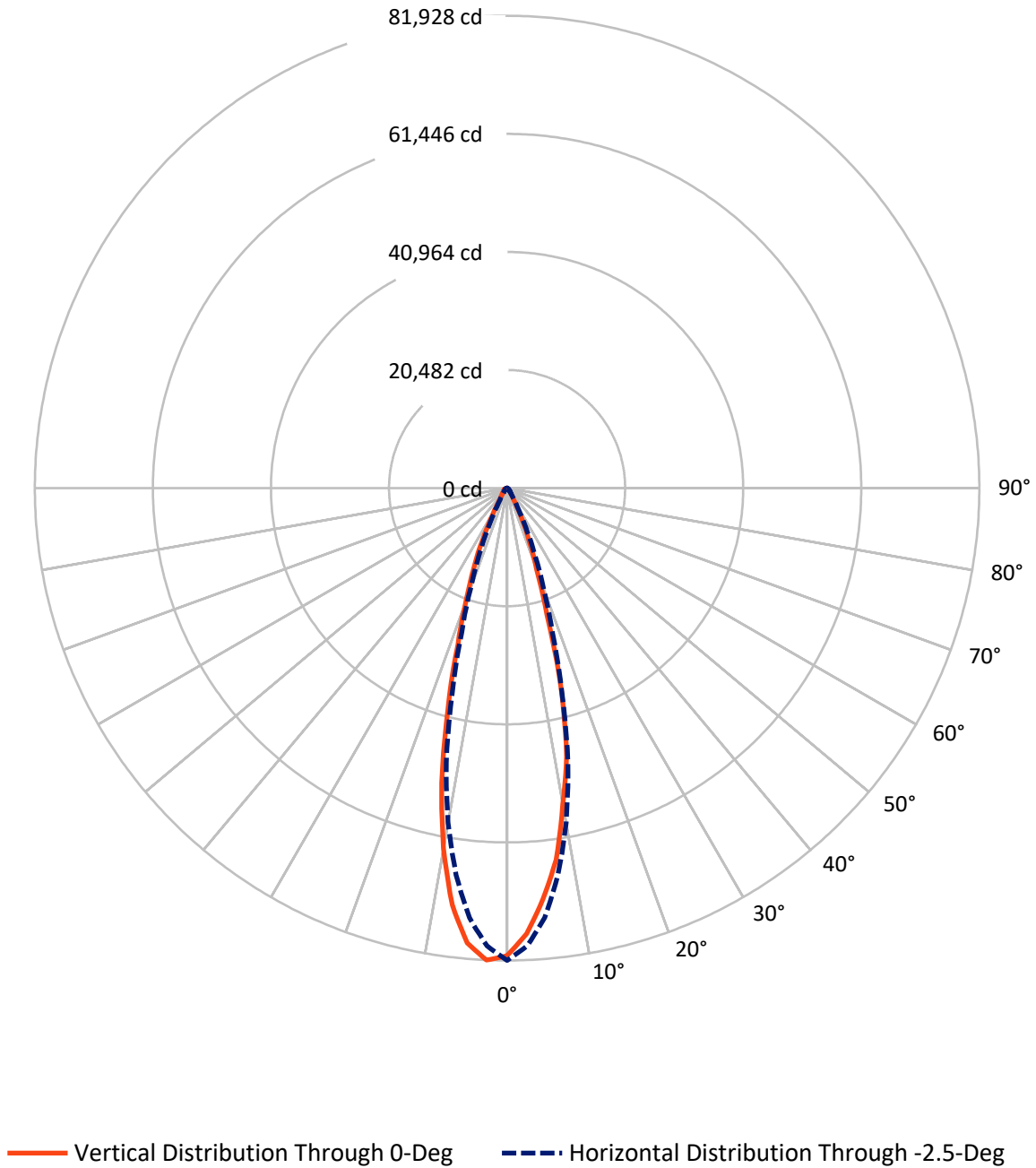
CATALOG NUMBER: GFLD-SA5B-740-U-MR-VSR-XX

### Lumen Table

90	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	0.0	0.0		
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	0.0	0.0		
70	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0			
60		0.0	0.1	0.7	1.6	2.7	3.7	4.4	4.4	3.7	2.7	1.6	0.7	0.1	0.0				
50	0.1	0.1	0.8	2.5	4.9	7.5	10.6	12.4	12.4	10.6	7.5	4.9	2.5	0.8	0.1	0.1			
40		0.3	2.0	5.0	9.1	15.0	25.1	33.4	33.4	25.1	15.0	9.1	5.0	2.0	0.3				
30	0.2	0.7	3.1	7.6	14.4	35.1	110.3	202.3	202.3	110.3	35.1	14.4	7.6	3.1	0.7	0.2			
20		1.1	4.3	10.3	24.7	121.0	492.1	963.5	963.5	492.1	121.0	24.7	10.3	4.3	1.1				
10	0.3	1.5	5.3	12.3	35.5	230.7	993.6	1947.5	1947.5	993.6	230.7	35.5	12.3	5.3	1.5	0.3			
0		1.7	5.7	13.0	37.9	241.6	1019.5	2065.1	2065.1	1019.5	241.6	37.9	13.0	5.7	1.7				
-10	0.4	1.8	5.8	12.6	31.2	148.4	563.8	1092.8	1092.8	563.8	148.4	31.2	12.6	5.8	1.8	0.4			
-20		1.7	5.5	11.6	22.8	57.6	174.6	311.5	311.5	174.6	57.6	22.8	11.6	5.5	1.7				
-30	0.4	1.5	4.9	10.0	17.3	28.4	46.4	62.1	62.1	46.4	28.4	17.3	10.0	4.9	1.5	0.4			
-40		1.3	4.1	8.3	13.7	19.6	25.8	28.9	28.9	25.8	19.6	13.7	8.3	4.1	1.3				
-50	0.3	1.0	3.1	6.5	10.7	14.9	18.6	20.3	20.3	18.6	14.9	10.7	6.5	3.1	1.0	0.3			
-60		0.6	1.9	4.2	7.1	10.1	12.7	14.1	14.1	12.7	10.1	7.1	4.2	1.9	0.6				
-70	0.1	1.5	6.9	14.8	18.7	14.8	6.9	1.5	0.1										
-80		0.1	1.5	6.9	14.8	18.7	14.8	6.9		1.5									
-90	0.1	1.5	6.9	14.8	18.7	14.8	6.9	1.5	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

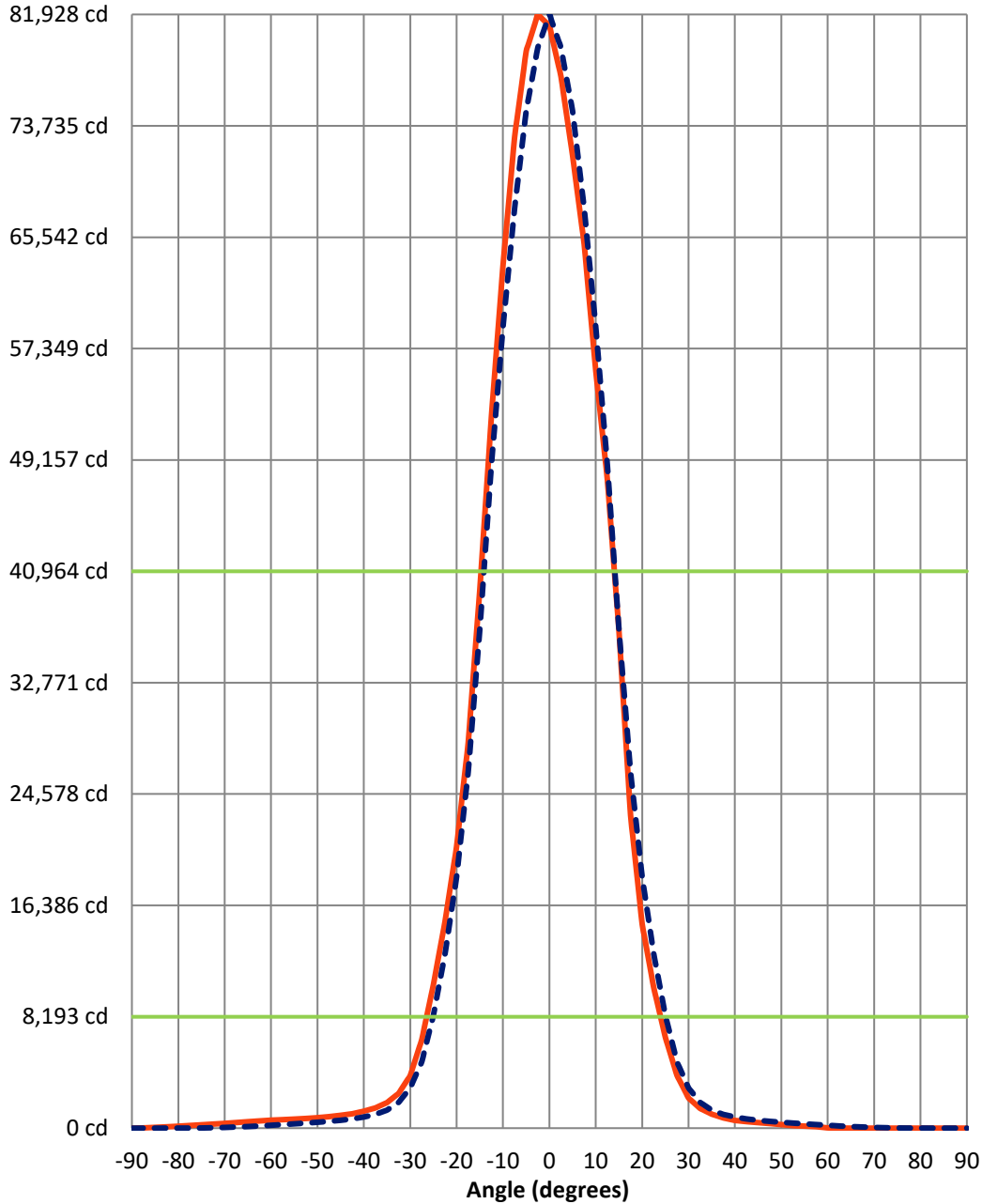
REPORT NUMBER: P627584 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA5B-740-U-MR-VSR-XX

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 11618.5  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 19964.5  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 3272  
 Efficiency: 14.1%

- Vertical Distribution through 0-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°	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°	0	0	0	0	0	0	0	0	0	0	1
60°	0	0	0	0	0	0	0	0	0	1	1
57.5°	0	0	0	0	0	0	0	0	1	2	2
55°	0	0	0	0	0	0	1	0	2	3	2
52.5°	0	0	0	0	0	0	1	2	4	4	2
50°	0	0	0	0	0	1	1	3	5	4	4
47.5°	0	0	0	0	0	1	2	4	5	4	4
45°	0	0	0	0	0	2	3	5	5	5	5
42.5°	0	0	0	0	0	2	4	5	5	5	8
40°	0	0	0	0	0	3	4	5	5	5	12
37.5°	0	0	0	0	1	4	5	5	6	8	17
35°	0	0	0	0	1	4	5	5	8	12	22
32.5°	0	0	0	0	2	4	5	5	9	17	28
30°	0	0	0	0	2	5	5	6	12	22	34
27.5°	0	0	0	0	3	5	5	7	15	26	41
25°	0	0	0	0	3	5	5	9	18	31	48
22.5°	0	0	0	0	4	5	5	11	22	37	58
20°	0	0	0	0	4	5	5	13	25	43	66
17.5°	0	0	0	0	4	5	5	15	28	48	74
15°	0	0	0	0	4	5	6	17	31	54	82
12.5°	0	0	0	0	5	5	7	20	34	60	88
10°	0	0	0	0	5	5	7	23	37	65	94
7.5°	0	0	0	0	5	5	8	25	40	70	100
5°	0	0	0	0	5	5	9	27	42	75	105
2.5°	0	0	0	0	5	5	10	29	44	79	110
0°	0	0	0	0	5	5	10	31	46	82	113
-2.5°	0	0	0	0	5	6	12	32	51	85	117
-5°	0	0	0	1	5	6	14	32	55	88	119
-7.5°	0	0	0	1	5	7	16	32	59	90	121
-10°	0	0	0	1	5	7	18	33	61	91	123
-12.5°	0	0	0	2	5	8	19	33	63	93	125
-15°	0	0	0	2	5	8	20	33	63	94	128
-17.5°	0	0	0	2	5	8	20	34	63	94	129
-20°	0	0	0	2	5	8	21	36	62	94	129

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CATALOG NUMBER: GFLD-SA5B-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	0	2	5	8	21	37	60	93	127
-25°	0	0	0	2	5	9	21	38	59	91	124
-27.5°	0	0	0	2	5	9	21	39	57	88	121
-30°	0	0	0	2	5	10	21	39	56	85	117
-32.5°	0	0	0	2	6	10	21	38	56	82	113
-35°	0	0	0	2	6	10	21	37	56	79	107
-37.5°	0	0	0	2	7	11	21	37	54	76	104
-40°	0	0	0	1	7	11	21	35	52	73	101
-42.5°	0	0	0	1	7	11	20	34	51	71	98
-45°	0	0	0	1	6	11	19	33	49	68	93
-47.5°	0	0	0	1	6	11	18	31	47	64	88
-50°	0	0	0	1	6	11	18	29	44	61	82
-52.5°	0	0	0	1	5	10	17	27	41	57	75
-55°	0	0	0	1	5	10	16	24	38	52	70
-57.5°	0	0	0	1	4	9	15	23	34	48	64
-60°	0	0	0	1	4	9	13	21	30	43	57
-62.5°	0	0	0	1	4	8	12	19	27	38	51
-65°	0	0	0	1	4	7	12	16	24	34	44
-67.5°	0	0	0	1	3	6	11	15	21	30	39
-70°	0	0	0	1	3	6	10	14	19	25	34
-72.5°	0	0	0	1	3	5	9	12	16	21	28
-75°	0	0	0	1	2	5	8	10	13	17	23
-77.5°	0	0	0	1	2	4	6	8	10	13	17
-80°	0	0	0	1	2	3	5	6	8	10	12
-82.5°	0	0	0	0	1	2	4	5	5	6	8
-85°	0	0	0	0	1	2	3	3	4	4	4
-87.5°	0	0	0	0	0	1	1	2	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0





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CATALOG NUMBER: GFLD-SA5B-740-U-MR-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	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	1	1	0	1	2
60°	0	0	1	1	1	2	3	4	5	5	11
57.5°	1	1	2	3	4	6	8	10	16	24	29
55°	2	3	4	4	8	12	17	26	35	45	54
52.5°	3	5	5	8	15	22	33	45	59	69	78
50°	5	6	7	17	26	37	53	70	82	92	107
47.5°	7	8	16	27	40	57	78	92	104	123	144
45°	10	15	25	39	57	81	99	113	133	155	177
42.5°	14	23	37	52	79	102	120	140	161	186	210
40°	20	31	49	73	101	123	145	167	190	218	244
37.5°	27	43	63	92	121	146	171	196	224	254	283
35°	33	55	80	110	140	170	198	227	260	294	327
32.5°	41	67	95	127	159	193	223	261	296	332	373
30°	53	80	110	144	178	213	253	294	329	370	414
27.5°	64	92	124	160	195	233	281	322	361	405	453
25°	75	104	139	175	213	257	308	350	391	439	496
22.5°	86	116	154	188	230	281	333	380	426	474	541
20°	96	130	169	205	247	304	358	411	465	525	600
17.5°	106	142	183	224	270	326	384	442	502	576	669
15°	115	154	198	242	291	348	409	473	543	630	735
12.5°	123	165	211	258	309	368	431	498	579	683	814
10°	131	174	224	273	326	386	450	521	607	719	873
7.5°	139	183	236	286	340	402	467	540	631	749	920
5°	145	192	245	296	351	415	480	556	650	774	958
2.5°	150	200	252	303	359	423	489	566	663	796	987
0°	155	206	258	309	366	428	495	573	671	815	1006
-2.5°	160	213	264	316	373	434	501	579	679	821	1011
-5°	164	218	268	321	378	437	504	581	684	821	1013
-7.5°	166	222	272	324	382	440	506	584	686	820	1012
-10°	168	224	274	327	385	443	507	583	683	811	995
-12.5°	171	225	276	329	386	444	505	578	673	796	963
-15°	173	225	276	328	385	443	501	569	658	775	921
-17.5°	174	225	275	325	383	441	495	560	644	753	893
-20°	174	223	272	320	378	435	490	553	631	728	853

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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°	172	222	268	316	371	427	483	542	614	696	808
-25°	170	219	265	312	363	417	473	528	596	674	770
-27.5°	166	215	260	306	354	406	460	514	576	648	730
-30°	159	209	254	299	346	395	445	499	555	621	697
-32.5°	152	201	246	290	337	384	429	481	535	592	660
-35°	145	192	237	279	326	371	414	460	513	567	624
-37.5°	141	183	227	268	312	357	397	440	488	540	592
-40°	135	173	216	256	296	341	381	420	462	513	563
-42.5°	129	166	205	245	283	323	364	401	441	488	535
-45°	124	158	194	232	270	306	344	383	422	463	508
-47.5°	117	150	184	218	256	292	325	363	403	442	481
-50°	109	141	172	204	239	276	310	342	378	417	456
-52.5°	101	130	159	189	221	256	291	324	356	389	426
-55°	91	118	146	174	202	234	268	302	335	365	396
-57.5°	82	105	132	158	185	212	244	276	308	339	370
-60°	74	93	116	142	168	193	220	250	280	309	338
-62.5°	65	82	101	123	148	173	198	224	251	276	301
-65°	57	71	88	107	127	149	173	198	222	242	262
-67.5°	49	61	75	90	108	126	145	167	189	208	226
-70°	42	51	62	75	89	104	121	138	155	172	189
-72.5°	36	43	51	59	72	86	99	112	127	142	156
-75°	29	35	42	49	58	68	80	92	103	115	127
-77.5°	22	28	33	38	45	53	62	71	81	91	100
-80°	16	20	25	30	34	40	45	52	58	66	73
-82.5°	11	14	17	21	24	27	30	34	39	44	50
-85°	6	8	10	13	14	15	17	19	22	25	28
-87.5°	3	4	5	6	6	7	7	7	9	10	11
-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	1	1	1	0	0	0
62.5°	2	2	4	5	6	6	7	7	7	7	7
60°	13	13	19	24	23	18	25	29	28	24	24
57.5°	36	45	52	54	61	72	75	74	75	78	88
55°	63	70	75	86	96	106	114	119	125	132	140
52.5°	86	98	106	117	131	139	143	158	170	180	186
50°	123	135	149	163	176	189	199	213	230	248	259
47.5°	161	177	195	215	230	242	255	275	298	319	332
45°	197	215	237	257	274	291	311	335	358	380	396
42.5°	229	250	273	296	311	337	365	389	419	445	466
40°	266	286	320	343	364	391	432	468	503	536	557
37.5°	311	345	381	410	437	471	528	583	627	671	703
35°	363	404	450	481	522	586	656	733	810	871	926
32.5°	414	459	505	556	618	708	797	920	1033	1150	1259
30°	459	510	566	631	732	857	1001	1189	1393	1597	1829
27.5°	507	563	630	733	886	1057	1323	1619	2041	2381	2928
25°	559	622	713	878	1090	1389	1853	2382	3255	4002	4843
22.5°	622	719	848	1054	1408	1947	2669	3821	5162	6408	7596
20°	700	832	1051	1380	1887	2716	4086	5832	7697	9520	11283
17.5°	802	1012	1325	1793	2512	4255	6293	8789	11982	14382	16656
15°	896	1160	1635	2391	3745	5989	8837	12658	16958	20574	24664
12.5°	1007	1327	1898	2879	4815	7780	11411	15968	21057	26545	32951
10°	1103	1496	2232	3582	5930	9381	13450	18799	25336	33101	41198
7.5°	1178	1638	2511	4110	6870	10695	15549	22054	30332	39409	48642
5°	1235	1748	2730	4523	7669	11761	17080	24629	34065	44483	53665
2.5°	1280	1825	2875	4777	8209	12490	18127	25998	36350	47796	57437
0°	1315	1872	2956	4957	8460	12834	18612	26551	37420	49419	59333
-2.5°	1328	1897	2960	4895	8307	12813	18499	26212	36681	48774	58931
-5°	1332	1885	2885	4765	8037	12354	17758	24924	34426	45769	56062
-7.5°	1322	1834	2734	4446	7429	11543	16724	23014	30803	40803	51441
-10°	1287	1746	2529	4012	6592	10276	15113	20428	26650	34814	43435
-12.5°	1222	1615	2246	3364	5607	8843	13127	17825	22674	28039	35130
-15°	1145	1480	2015	2970	4695	7338	10807	14775	18799	22908	27233
-17.5°	1087	1363	1778	2445	3605	5742	8515	11704	14969	18232	21145
-20°	1012	1223	1548	2066	2908	4173	6259	8740	11180	13840	16073

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REPORT NUMBER: P627584 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	946	1125	1368	1695	2261	3151	4341	6087	7941	9873	11707
-25°	883	1019	1211	1474	1812	2342	3127	4040	5341	6530	7891
-27.5°	830	944	1075	1269	1525	1815	2297	2830	3513	4079	4988
-30°	780	870	978	1103	1291	1512	1771	2094	2427	2762	3198
-32.5°	732	808	893	994	1110	1275	1436	1643	1826	2027	2235
-35°	685	753	823	902	992	1101	1222	1359	1480	1601	1710
-37.5°	645	702	763	826	897	973	1068	1165	1246	1325	1393
-40°	611	658	709	761	819	880	954	1025	1080	1131	1174
-42.5°	580	622	661	706	754	810	867	922	960	995	1023
-45°	551	587	623	659	699	748	797	839	869	896	916
-47.5°	519	552	585	618	656	695	734	766	792	815	830
-50°	488	521	550	578	611	646	680	707	730	750	761
-52.5°	459	489	519	548	575	602	629	655	678	699	706
-55°	429	459	486	513	539	565	589	612	633	652	659
-57.5°	400	431	460	481	504	527	550	572	592	610	617
-60°	368	399	423	445	466	488	508	528	548	566	573
-62.5°	329	357	380	400	420	439	457	475	493	508	516
-65°	283	307	329	349	367	384	402	418	433	444	451
-67.5°	243	261	280	298	316	333	348	362	376	385	392
-70°	205	221	238	254	270	285	299	311	324	332	338
-72.5°	170	184	199	214	229	241	253	264	275	282	288
-75°	138	150	163	175	188	198	208	217	226	232	237
-77.5°	110	119	128	138	147	155	163	170	177	182	187
-80°	81	89	96	103	110	115	121	127	133	137	141
-82.5°	55	61	66	72	77	81	84	86	89	93	96
-85°	32	35	39	42	46	48	50	52	54	56	58
-87.5°	13	14	16	17	19	19	19	20	20	21	23
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627584 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-740-U-MR-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	1
62.5°	6	5	5	5	5	5	6	7	7	7	7
60°	22	21	20	21	20	21	22	24	24	28	29
57.5°	96	103	107	108	107	103	96	88	78	75	74
55°	146	151	152	150	152	151	146	140	132	125	119
52.5°	189	190	188	186	188	190	189	186	180	170	158
50°	262	262	262	263	262	262	262	259	248	230	213
47.5°	338	341	342	341	342	341	338	332	319	298	275
45°	403	408	410	408	410	408	403	396	380	358	335
42.5°	473	477	478	480	478	477	473	466	445	419	389
40°	566	570	569	567	569	570	566	557	536	503	468
37.5°	724	735	740	753	740	735	724	703	671	627	583
35°	969	996	1010	1032	1010	996	969	926	871	810	733
32.5°	1338	1392	1421	1450	1421	1392	1338	1259	1150	1033	920
30°	1990	2096	2139	2218	2139	2096	1990	1829	1597	1393	1189
27.5°	3330	3583	3682	3890	3682	3583	3330	2928	2381	2041	1619
25°	5610	6153	6453	6691	6453	6153	5610	4843	4002	3255	2382
22.5°	8795	9592	10018	10333	10018	9592	8795	7596	6408	5162	3821
20°	12881	13933	14561	15017	14561	13933	12881	11283	9520	7697	5832
17.5°	19577	21230	22197	23028	22197	21230	19577	16656	14382	11982	8789
15°	29227	32549	35131	36569	35131	32549	29227	24664	20574	16958	12658
12.5°	38614	43480	46371	47701	46371	43480	38614	32951	26545	21057	15968
10°	47898	52486	55237	55722	55237	52486	47898	41198	33101	25336	18799
7.5°	55005	60051	63706	65034	63706	60051	55005	48642	39409	30332	22054
5°	61282	67191	71058	71549	71058	67191	61282	53665	44483	34065	24629
2.5°	65900	72323	76073	77363	76073	72323	65900	57437	47796	36350	25998
0°	68134	75051	79225	81102	79225	75051	68134	59333	49419	37420	26551
-2.5°	67664	74819	79477	81928	79477	74819	67664	58931	48774	36681	26212
-5°	65091	72267	76610	79214	76610	72267	65091	56062	45769	34426	24924
-7.5°	59158	65869	70492	72895	70492	65869	59158	51441	40803	30803	23014
-10°	51513	57193	61407	63455	61407	57193	51513	43435	34814	26650	20428
-12.5°	41579	47088	50890	52338	50890	47088	41579	35130	28039	22674	17825
-15°	31857	36061	38763	39618	38763	36061	31857	27233	22908	18799	14775
-17.5°	24159	26423	27942	28351	27942	26423	24159	21145	18232	14969	11704
-20°	18100	19502	20488	20722	20488	19502	18100	16073	13840	11180	8740

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REPORT NUMBER: P627584 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13188	14242	15039	15197	15039	14242	13188	11707	9873	7941	6087
-25°	9097	9979	10519	10560	10519	9979	9097	7891	6530	5341	4040
-27.5°	5703	6187	6437	6526	6437	6187	5703	4988	4079	3513	2830
-30°	3524	3748	3865	3869	3865	3748	3524	3198	2762	2427	2094
-32.5°	2392	2500	2559	2559	2559	2500	2392	2235	2027	1826	1643
-35°	1792	1848	1880	1883	1880	1848	1792	1710	1601	1480	1359
-37.5°	1441	1472	1488	1491	1488	1472	1441	1393	1325	1246	1165
-40°	1205	1226	1240	1248	1240	1226	1205	1174	1131	1080	1025
-42.5°	1042	1056	1062	1058	1062	1056	1042	1023	995	960	922
-45°	928	937	942	944	942	937	928	916	896	869	839
-47.5°	838	842	845	846	845	842	838	830	815	792	766
-50°	766	770	771	769	771	770	766	761	750	730	707
-52.5°	709	710	711	712	711	710	709	706	699	678	655
-55°	662	664	665	666	665	664	662	659	652	633	612
-57.5°	622	627	627	624	627	627	622	617	610	592	572
-60°	580	585	587	588	587	585	580	573	566	548	528
-62.5°	523	528	531	531	531	528	523	516	508	493	475
-65°	457	462	468	475	468	462	457	451	444	433	418
-67.5°	396	400	407	413	407	400	396	392	385	376	362
-70°	344	349	350	351	350	349	344	338	332	324	311
-72.5°	293	298	299	299	299	298	293	288	282	275	264
-75°	242	246	247	248	247	246	242	237	232	226	217
-77.5°	191	195	196	196	196	195	191	187	182	177	170
-80°	145	149	147	144	147	149	145	141	137	133	127
-82.5°	100	103	101	98	101	103	100	96	93	89	86
-85°	60	62	59	57	59	62	60	58	56	54	52
-87.5°	24	26	23	21	23	26	24	23	21	20	20
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627584 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-740-U-MR-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°	1	1	0	0	0	0	0	0	0	0	0
62.5°	7	6	6	5	4	2	2	2	1	0	1
60°	25	18	23	24	19	13	13	11	5	5	4
57.5°	75	72	61	54	52	45	36	29	24	16	10
55°	114	106	96	86	75	70	63	54	45	35	26
52.5°	143	139	131	117	106	98	86	78	69	59	45
50°	199	189	176	163	149	135	123	107	92	82	70
47.5°	255	242	230	215	195	177	161	144	123	104	92
45°	311	291	274	257	237	215	197	177	155	133	113
42.5°	365	337	311	296	273	250	229	210	186	161	140
40°	432	391	364	343	320	286	266	244	218	190	167
37.5°	528	471	437	410	381	345	311	283	254	224	196
35°	656	586	522	481	450	404	363	327	294	260	227
32.5°	797	708	618	556	505	459	414	373	332	296	261
30°	1001	857	732	631	566	510	459	414	370	329	294
27.5°	1323	1057	886	733	630	563	507	453	405	361	322
25°	1853	1389	1090	878	713	622	559	496	439	391	350
22.5°	2669	1947	1408	1054	848	719	622	541	474	426	380
20°	4086	2716	1887	1380	1051	832	700	600	525	465	411
17.5°	6293	4255	2512	1793	1325	1012	802	669	576	502	442
15°	8837	5989	3745	2391	1635	1160	896	735	630	543	473
12.5°	11411	7780	4815	2879	1898	1327	1007	814	683	579	498
10°	13450	9381	5930	3582	2232	1496	1103	873	719	607	521
7.5°	15549	10695	6870	4110	2511	1638	1178	920	749	631	540
5°	17080	11761	7669	4523	2730	1748	1235	958	774	650	556
2.5°	18127	12490	8209	4777	2875	1825	1280	987	796	663	566
0°	18612	12834	8460	4957	2956	1872	1315	1006	815	671	573
-2.5°	18499	12813	8307	4895	2960	1897	1328	1011	821	679	579
-5°	17758	12354	8037	4765	2885	1885	1332	1013	821	684	581
-7.5°	16724	11543	7429	4446	2734	1834	1322	1012	820	686	584
-10°	15113	10276	6592	4012	2529	1746	1287	995	811	683	583
-12.5°	13127	8843	5607	3364	2246	1615	1222	963	796	673	578
-15°	10807	7338	4695	2970	2015	1480	1145	921	775	658	569
-17.5°	8515	5742	3605	2445	1778	1363	1087	893	753	644	560
-20°	6259	4173	2908	2066	1548	1223	1012	853	728	631	553

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REPORT NUMBER: P627584 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4341	3151	2261	1695	1368	1125	946	808	696	614	542
-25°	3127	2342	1812	1474	1211	1019	883	770	674	596	528
-27.5°	2297	1815	1525	1269	1075	944	830	730	648	576	514
-30°	1771	1512	1291	1103	978	870	780	697	621	555	499
-32.5°	1436	1275	1110	994	893	808	732	660	592	535	481
-35°	1222	1101	992	902	823	753	685	624	567	513	460
-37.5°	1068	973	897	826	763	702	645	592	540	488	440
-40°	954	880	819	761	709	658	611	563	513	462	420
-42.5°	867	810	754	706	661	622	580	535	488	441	401
-45°	797	748	699	659	623	587	551	508	463	422	383
-47.5°	734	695	656	618	585	552	519	481	442	403	363
-50°	680	646	611	578	550	521	488	456	417	378	342
-52.5°	629	602	575	548	519	489	459	426	389	356	324
-55°	589	565	539	513	486	459	429	396	365	335	302
-57.5°	550	527	504	481	460	431	400	370	339	308	276
-60°	508	488	466	445	423	399	368	338	309	280	250
-62.5°	457	439	420	400	380	357	329	301	276	251	224
-65°	402	384	367	349	329	307	283	262	242	222	198
-67.5°	348	333	316	298	280	261	243	226	208	189	167
-70°	299	285	270	254	238	221	205	189	172	155	138
-72.5°	253	241	229	214	199	184	170	156	142	127	112
-75°	208	198	188	175	163	150	138	127	115	103	92
-77.5°	163	155	147	138	128	119	110	100	91	81	71
-80°	121	115	110	103	96	89	81	73	66	58	52
-82.5°	84	81	77	72	66	61	55	50	44	39	34
-85°	50	48	46	42	39	35	32	28	25	22	19
-87.5°	19	19	19	17	16	14	13	11	10	9	7
-90°	0	0	0	0	0	0	0	0	0	0	0



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CATALOG NUMBER: GFLD-SA5B-740-U-MR-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	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	0	0	0	0	0	0	1	0	0	0
60°	3	2	1	1	1	0	0	1	1	0	0
57.5°	8	6	4	3	2	1	1	2	2	1	0
55°	17	12	8	4	4	3	2	2	3	2	0
52.5°	33	22	15	8	5	5	3	2	4	4	2
50°	53	37	26	17	7	6	5	4	4	5	3
47.5°	78	57	40	27	16	8	7	4	4	5	4
45°	99	81	57	39	25	15	10	5	5	5	5
42.5°	120	102	79	52	37	23	14	8	5	5	5
40°	145	123	101	73	49	31	20	12	5	5	5
37.5°	171	146	121	92	63	43	27	17	8	6	5
35°	198	170	140	110	80	55	33	22	12	8	5
32.5°	223	193	159	127	95	67	41	28	17	9	5
30°	253	213	178	144	110	80	53	34	22	12	6
27.5°	281	233	195	160	124	92	64	41	26	15	7
25°	308	257	213	175	139	104	75	48	31	18	9
22.5°	333	281	230	188	154	116	86	58	37	22	11
20°	358	304	247	205	169	130	96	66	43	25	13
17.5°	384	326	270	224	183	142	106	74	48	28	15
15°	409	348	291	242	198	154	115	82	54	31	17
12.5°	431	368	309	258	211	165	123	88	60	34	20
10°	450	386	326	273	224	174	131	94	65	37	23
7.5°	467	402	340	286	236	183	139	100	70	40	25
5°	480	415	351	296	245	192	145	105	75	42	27
2.5°	489	423	359	303	252	200	150	110	79	44	29
0°	495	428	366	309	258	206	155	113	82	46	31
-2.5°	501	434	373	316	264	213	160	117	85	51	32
-5°	504	437	378	321	268	218	164	119	88	55	32
-7.5°	506	440	382	324	272	222	166	121	90	59	32
-10°	507	443	385	327	274	224	168	123	91	61	33
-12.5°	505	444	386	329	276	225	171	125	93	63	33
-15°	501	443	385	328	276	225	173	128	94	63	33
-17.5°	495	441	383	325	275	225	174	129	94	63	34
-20°	490	435	378	320	272	223	174	129	94	62	36

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Scaled Data Report



REPORT NUMBER: P627584 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	483	427	371	316	268	222	172	127	93	60	37
-25°	473	417	363	312	265	219	170	124	91	59	38
-27.5°	460	406	354	306	260	215	166	121	88	57	39
-30°	445	395	346	299	254	209	159	117	85	56	39
-32.5°	429	384	337	290	246	201	152	113	82	56	38
-35°	414	371	326	279	237	192	145	107	79	56	37
-37.5°	397	357	312	268	227	183	141	104	76	54	37
-40°	381	341	296	256	216	173	135	101	73	52	35
-42.5°	364	323	283	245	205	166	129	98	71	51	34
-45°	344	306	270	232	194	158	124	93	68	49	33
-47.5°	325	292	256	218	184	150	117	88	64	47	31
-50°	310	276	239	204	172	141	109	82	61	44	29
-52.5°	291	256	221	189	159	130	101	75	57	41	27
-55°	268	234	202	174	146	118	91	70	52	38	24
-57.5°	244	212	185	158	132	105	82	64	48	34	23
-60°	220	193	168	142	116	93	74	57	43	30	21
-62.5°	198	173	148	123	101	82	65	51	38	27	19
-65°	173	149	127	107	88	71	57	44	34	24	16
-67.5°	145	126	108	90	75	61	49	39	30	21	15
-70°	121	104	89	75	62	51	42	34	25	19	14
-72.5°	99	86	72	59	51	43	36	28	21	16	12
-75°	80	68	58	49	42	35	29	23	17	13	10
-77.5°	62	53	45	38	33	28	22	17	13	10	8
-80°	45	40	34	30	25	20	16	12	10	8	6
-82.5°	30	27	24	21	17	14	11	8	6	5	5
-85°	17	15	14	13	10	8	6	4	4	4	3
-87.5°	7	7	6	6	5	4	3	2	2	2	2
-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

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CATALOG NUMBER: GFLD-SA5B-740-U-MR-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	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0
55°	1	0	0	0	0	0	0
52.5°	1	0	0	0	0	0	0
50°	1	1	0	0	0	0	0
47.5°	2	1	0	0	0	0	0
45°	3	2	0	0	0	0	0
42.5°	4	2	0	0	0	0	0
40°	4	3	0	0	0	0	0
37.5°	5	4	1	0	0	0	0
35°	5	4	1	0	0	0	0
32.5°	5	4	2	0	0	0	0
30°	5	5	2	0	0	0	0
27.5°	5	5	3	0	0	0	0
25°	5	5	3	0	0	0	0
22.5°	5	5	4	0	0	0	0
20°	5	5	4	0	0	0	0
17.5°	5	5	4	0	0	0	0
15°	6	5	4	0	0	0	0
12.5°	7	5	5	0	0	0	0
10°	7	5	5	0	0	0	0
7.5°	8	5	5	0	0	0	0
5°	9	5	5	0	0	0	0
2.5°	10	5	5	0	0	0	0
0°	10	5	5	0	0	0	0
-2.5°	12	6	5	0	0	0	0
-5°	14	6	5	1	0	0	0
-7.5°	16	7	5	1	0	0	0
-10°	18	7	5	1	0	0	0
-12.5°	19	8	5	2	0	0	0
-15°	20	8	5	2	0	0	0
-17.5°	20	8	5	2	0	0	0
-20°	21	8	5	2	0	0	0

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CATALOG NUMBER: GFLD-SA5B-740-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)