

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: P626586 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-722-U-MWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
 Report Number: P626586 (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-SA1B-722-U-MWR-VSR-XX  
 Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5  
 WITH VISOR  
 Light Source: (16) 2200K CCT, 70 CRI LEDS  
 Ballast/Driver: -

**Summary**

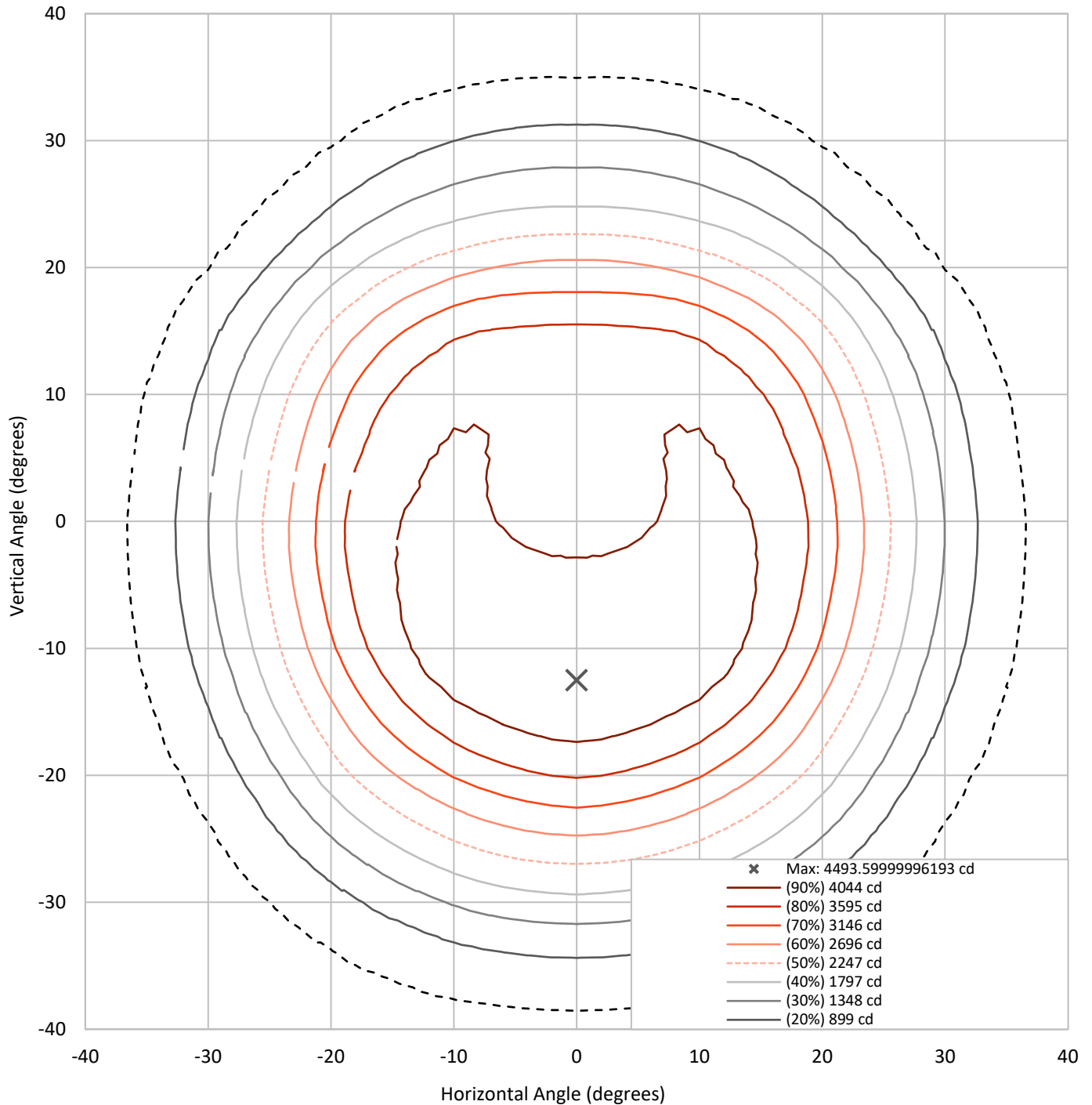
Lumens per Lamp:	N/A	NEMA Type:	4H x 5V
Luminaire Lumens:	3207.5 lumens	Max Intensity:	4493.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -12.5°V
Efficacy:	95.7 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	46.4°H x 49.6°V	Field Angle (10%):	69.9°H x 73.3°V
Beam Lumens:	2148.3 lumens	Field Lumens:	2891 lumens
Beam Efficiency:	67.0%	Field Efficiency:	90.1%

Input Watts (W): 33.5  
 Input Voltage (V): 120  
 Input Current (A<sub>in</sub>): 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: P626586 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1B-722-U-MWR-VSR-XX

### Iso-Candela Plot





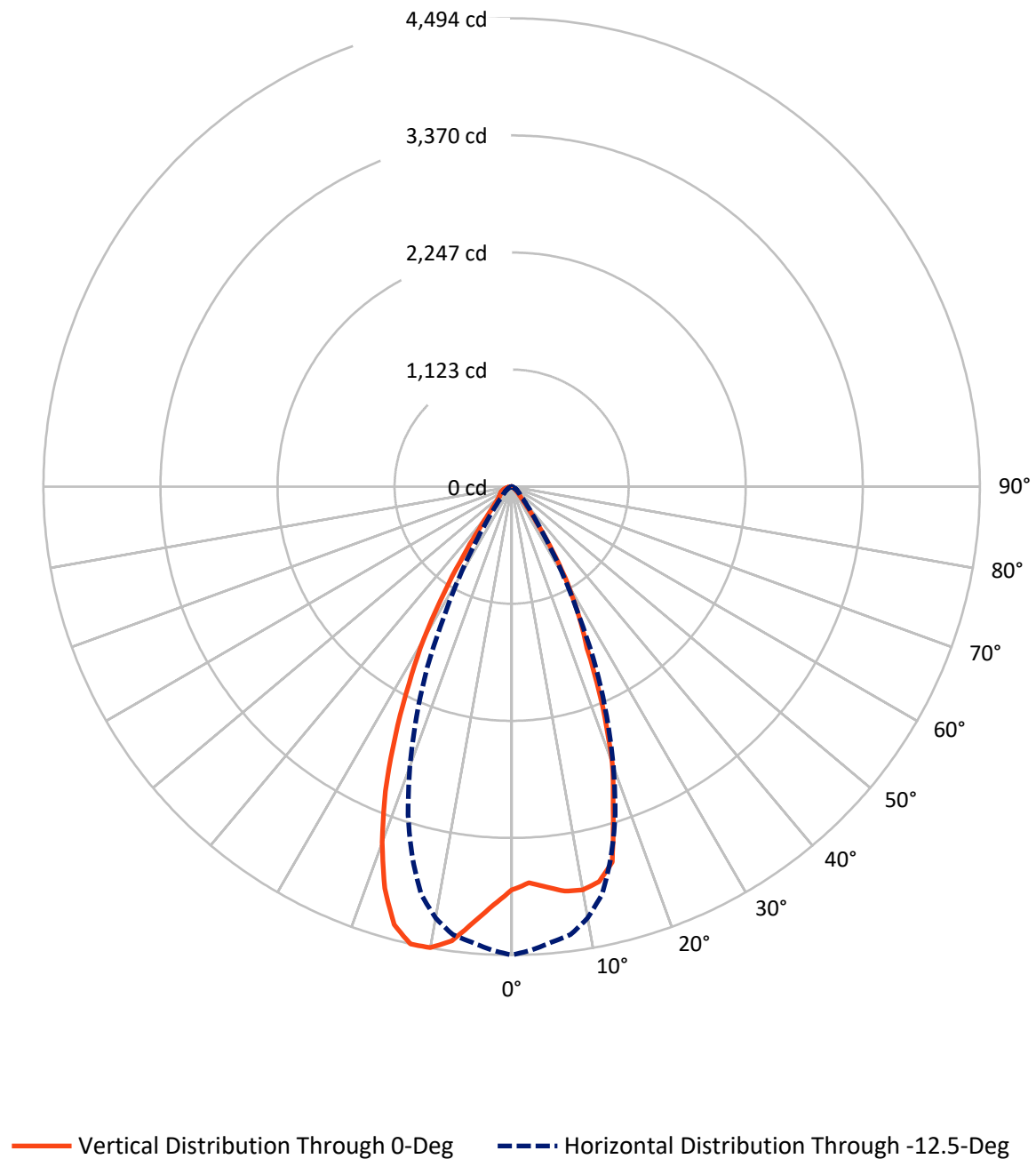
REPORT NUMBER: P626586 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Lumen Table

90																			
80	0.0	0.0		0.0		0.0		0.0		0.0		0.0		0.0					
70																			
60	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				
50		0.0	0.0	0.1	0.3	0.4	0.6	0.7	0.7	0.6	0.4	0.3	0.1	0.0		0.0			
40	0.0	0.0	0.1	0.5	0.9	1.5	2.2	2.7	2.7	2.2	1.5	0.9	0.5	0.1	0.0	0.0			
30		0.1	0.4	0.9	1.9	4.2	9.5	14.5	14.5	9.5	4.2	1.9	0.9	0.4	0.1				
20	0.0	0.1	0.6	1.5	4.0	14.9	38.4	53.7	53.7	38.4	14.9	4.0	1.5	0.6	0.1	0.0			
10		0.2	0.8	2.3	9.6	41.4	86.4	106.9	106.9	86.4	41.4	9.6	2.3	0.8	0.2				
0	0.1	0.3	1.0	3.0	15.3	61.0	111.4	120.7	120.7	111.4	61.0	15.3	3.0	1.0	0.3	0.1			
-10		0.3	1.1	3.2	16.0	63.0	115.4	128.1	128.1	115.4	63.0	16.0	3.2	1.1	0.3				
-20	0.1	0.4	1.2	2.9	11.4	46.9	97.3	124.3	124.3	97.3	46.9	11.4	2.9	1.2	0.4	0.1			
-30		0.3	1.1	2.4	6.4	22.7	54.2	76.3	76.3	54.2	22.7	6.4	2.4	1.1	0.3				
-40	0.1	0.3	1.0	2.0	3.8	8.1	16.9	25.1	25.1	16.9	8.1	3.8	2.0	1.0	0.3	0.1			
-50		0.3	0.8	1.7	2.8	4.1	5.8	6.9	6.9	5.8	4.1	2.8	1.7	0.8	0.3				
-60	0.1	0.2	0.6	1.3	2.2	3.0	3.8	4.1	4.1	3.8	3.0	2.2	1.3	0.6	0.2	0.1			
-70		0.1	0.4	0.9	1.5	2.2	2.7	3.1	3.1	2.7	2.2	1.5	0.9	0.4	0.1				
-80	0.0	0.4		1.6		3.4		4.4		3.4		1.6		0.4	0.0				
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

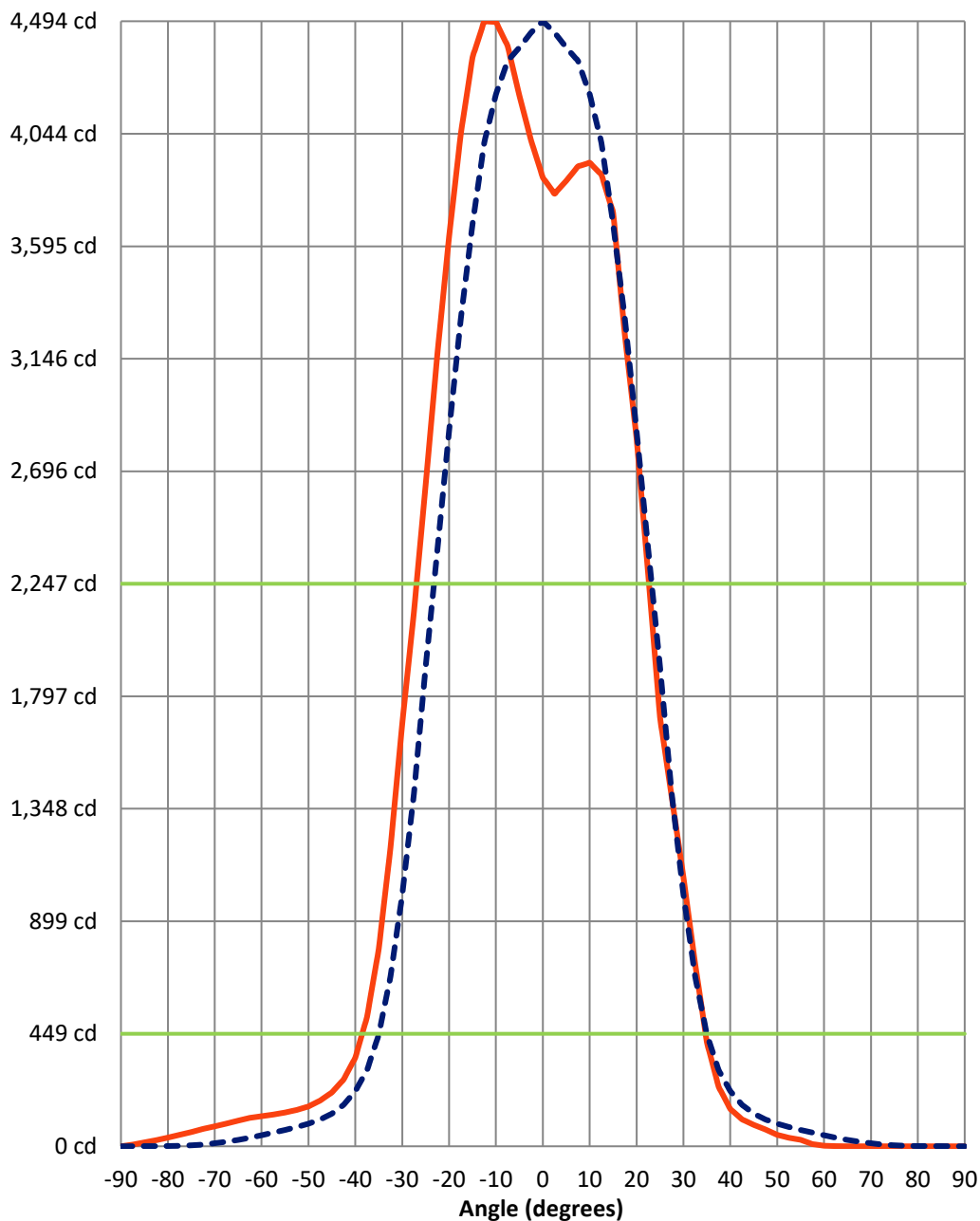
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 46.4°  
 V Angle: 49.6°  
 Lumens: 2148.3  
 Efficiency: 67.0%

**Field:**  
 H Angle: 69.9°  
 V Angle: 73.3°  
 Lumens: 2891  
 Efficiency: 90.1%

**Spill:**  
 Lumens: 316.4  
 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	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	0
60°	0	0	0	0	0	0	0	0	0	1	1
57.5°	0	0	0	0	0	0	0	1	1	1	1
55°	0	0	0	0	0	0	0	1	1	1	1
52.5°	0	0	0	1	0	0	1	1	1	1	1
50°	0	0	0	1	1	0	1	1	1	1	1
47.5°	0	0	0	1	1	1	1	1	1	1	1
45°	0	0	0	1	1	1	1	1	1	1	1
42.5°	0	0	0	1	1	1	1	1	1	1	1
40°	0	0	0	1	1	1	1	1	1	1	2
37.5°	0	0	0	1	1	1	1	1	1	2	2
35°	0	0	0	1	1	1	1	1	1	2	3
32.5°	0	0	0	1	1	1	1	1	2	3	4
30°	0	0	1	1	1	1	1	1	2	3	6
27.5°	0	0	1	1	1	1	1	1	2	4	7
25°	0	0	1	1	1	1	1	2	3	5	9
22.5°	0	0	1	1	1	1	1	2	4	6	10
20°	0	0	1	1	1	1	1	2	4	7	12
17.5°	0	0	1	1	1	1	2	2	5	8	13
15°	0	0	1	1	1	1	2	3	5	9	15
12.5°	0	0	1	1	1	1	2	3	6	9	16
10°	0	0	1	1	1	1	2	4	7	11	18
7.5°	0	0	1	1	1	1	2	4	7	12	19
5°	0	0	1	1	1	1	2	5	7	13	20
2.5°	0	0	1	1	1	1	2	5	8	14	21
0°	0	0	1	1	1	2	2	6	8	15	21
-2.5°	0	0	1	1	1	2	3	6	9	16	23
-5°	0	0	1	1	1	2	3	6	10	17	24
-7.5°	0	0	1	1	1	2	3	6	11	17	24
-10°	0	0	1	1	1	2	4	7	12	18	25
-12.5°	0	0	1	1	1	2	4	7	12	18	25
-15°	0	0	1	1	1	2	4	7	12	18	26
-17.5°	0	0	1	1	1	2	4	7	12	18	26
-20°	0	0	1	1	1	2	4	7	12	18	25

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CATALOG NUMBER: GFLD-SA1B-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	0	1	1	1	2	4	7	12	18	25
-25°	0	0	1	1	1	2	4	7	12	18	24
-27.5°	0	0	1	1	1	2	4	7	11	17	23
-30°	0	0	1	1	1	2	4	7	11	17	23
-32.5°	0	0	1	1	1	2	4	7	11	16	22
-35°	0	0	1	1	1	2	4	7	11	16	21
-37.5°	0	0	1	1	1	2	4	7	10	15	20
-40°	0	0	1	1	1	2	4	7	10	14	20
-42.5°	0	0	1	1	1	2	4	6	9	14	19
-45°	0	0	1	1	1	2	4	6	9	13	18
-47.5°	0	0	1	1	1	2	4	6	8	12	17
-50°	0	0	1	1	1	2	4	6	8	11	16
-52.5°	0	0	1	1	1	2	4	5	8	11	14
-55°	0	0	1	1	1	2	3	5	7	10	14
-57.5°	0	0	1	1	1	2	3	5	7	9	13
-60°	0	0	1	1	1	2	3	4	6	9	12
-62.5°	0	0	1	1	1	2	3	4	6	8	11
-65°	0	0	1	1	1	2	3	4	5	7	10
-67.5°	0	0	0	1	1	2	2	3	5	6	9
-70°	0	0	0	1	1	2	2	3	4	6	7
-72.5°	0	0	0	1	1	1	2	3	4	5	6
-75°	0	0	0	1	1	1	2	2	3	4	5
-77.5°	0	0	0	1	1	1	2	2	3	3	4
-80°	0	0	0	0	1	1	2	2	2	3	3
-82.5°	0	0	0	0	1	1	1	1	2	2	3
-85°	0	0	0	0	0	1	1	1	1	2	2
-87.5°	0	0	0	0	0	0	0	1	1	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P626586 (CONVERTED FROM TYPE C PHOTOMETRY)

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**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°	1	1	0	0	0	1	0	0	0	0	0
60°	1	1	0	1	1	1	0	0	1	1	2
57.5°	1	1	1	1	1	1	1	1	3	4	5
55°	1	1	1	1	1	1	2	4	6	8	8
52.5°	1	1	1	1	2	3	5	7	9	11	13
50°	1	1	2	2	3	6	9	11	14	16	19
47.5°	1	2	2	3	6	9	13	16	19	22	26
45°	2	2	3	6	9	13	17	21	24	28	32
42.5°	2	4	5	8	13	18	23	26	29	33	38
40°	3	5	8	12	17	23	27	30	34	40	46
37.5°	5	7	10	16	22	28	32	36	41	48	55
35°	6	9	14	20	27	32	36	41	49	57	65
32.5°	8	11	17	24	30	36	41	49	56	65	76
30°	9	14	20	28	34	40	47	55	63	73	87
27.5°	11	17	24	31	37	43	53	61	70	82	98
25°	13	20	27	34	40	48	59	67	76	91	113
22.5°	15	22	30	37	43	53	64	75	87	102	128
20°	18	25	33	40	46	58	70	84	100	121	155
17.5°	20	28	35	43	51	63	77	93	113	139	190
15°	22	30	38	46	56	68	84	103	127	160	223
12.5°	24	32	41	50	60	73	90	111	139	186	265
10°	26	33	43	53	64	77	95	117	149	205	297
7.5°	27	35	45	56	67	81	99	122	157	219	321
5°	28	37	47	58	69	84	103	126	164	230	340
2.5°	29	39	49	60	71	87	106	130	171	239	357
0°	30	41	50	61	72	88	108	133	177	245	369
-2.5°	31	42	52	62	74	90	109	135	179	246	367
-5°	32	43	53	63	76	90	109	135	178	244	359
-7.5°	33	43	54	64	77	91	109	135	176	240	347
-10°	33	44	55	65	77	91	108	133	172	232	328
-12.5°	34	44	55	65	77	90	107	130	166	220	305
-15°	35	44	55	65	77	89	105	126	157	205	275
-17.5°	35	44	54	64	76	88	102	121	149	191	254
-20°	35	44	54	63	75	86	99	117	142	177	229

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CATALOG NUMBER: GFLD-SA1B-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°	34	44	54	62	74	85	97	113	133	162	204
-25°	34	43	53	62	72	83	94	108	126	151	186
-27.5°	32	43	52	61	70	81	91	103	119	139	167
-30°	31	41	51	60	69	79	88	99	113	130	152
-32.5°	29	40	49	58	67	76	86	95	107	122	139
-35°	28	38	47	56	65	74	83	92	102	114	129
-37.5°	27	36	46	54	62	71	80	88	97	107	121
-40°	27	35	44	52	59	68	76	84	93	103	113
-42.5°	25	33	42	50	57	65	73	81	89	98	108
-45°	24	32	40	47	55	62	70	77	85	94	103
-47.5°	23	30	38	44	51	59	66	74	81	89	98
-50°	21	28	35	41	48	55	62	70	77	84	91
-52.5°	20	25	32	38	44	50	58	65	73	79	86
-55°	18	23	29	35	41	47	53	61	68	74	81
-57.5°	16	21	26	32	38	44	50	56	63	69	76
-60°	15	19	23	29	35	40	46	52	58	64	70
-62.5°	14	17	21	25	31	36	42	47	53	58	64
-65°	12	15	18	22	26	31	36	42	47	52	56
-67.5°	11	13	16	19	22	26	31	36	41	45	49
-70°	9	11	14	16	19	22	26	30	34	38	42
-72.5°	8	10	11	13	16	19	22	25	28	32	36
-75°	6	8	9	11	13	15	18	21	23	26	29
-77.5°	5	6	8	9	10	12	14	16	19	21	23
-80°	4	5	6	7	8	9	11	12	14	16	18
-82.5°	3	4	4	5	6	7	8	9	10	11	13
-85°	2	3	3	3	4	4	5	6	6	7	8
-87.5°	1	1	1	2	2	2	2	3	3	3	4
-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°	0	0	0	0	0	0	0	0	1	1	1
60°	2	1	2	2	2	2	3	3	3	2	2
57.5°	5	6	6	7	8	9	9	10	11	11	11
55°	9	11	13	14	16	18	20	21	21	22	23
52.5°	15	17	18	20	23	25	26	28	30	32	33
50°	22	24	26	29	32	34	35	38	41	44	46
47.5°	29	31	35	40	43	45	48	52	56	61	64
45°	35	40	45	49	53	57	61	66	72	78	82
42.5°	43	48	53	58	62	68	75	81	90	98	103
40°	51	56	64	70	78	86	98	110	121	135	144
37.5°	61	69	80	90	101	113	135	158	177	203	217
35°	74	86	100	116	134	163	195	239	285	323	359
32.5°	88	103	124	151	182	227	276	357	436	515	592
30°	102	124	155	193	243	316	408	533	668	787	894
27.5°	120	152	193	248	335	441	611	784	957	1111	1221
25°	143	185	243	335	460	636	863	1076	1279	1430	1557
22.5°	176	239	321	438	665	909	1182	1449	1677	1867	1993
20°	216	302	438	651	917	1223	1574	1855	2136	2350	2541
17.5°	273	409	602	872	1191	1599	1960	2274	2630	2848	3043
15°	324	499	774	1119	1492	1925	2350	2735	3078	3319	3537
12.5°	389	595	911	1317	1725	2207	2649	3061	3397	3645	3797
10°	447	694	1048	1472	1929	2432	2891	3320	3645	3837	3949
7.5°	493	775	1159	1605	2088	2594	3078	3504	3816	3976	4052
5°	530	836	1246	1714	2215	2734	3228	3644	3907	4039	4082
2.5°	557	878	1304	1786	2301	2837	3341	3752	3976	4071	4085
0°	575	908	1342	1831	2375	2873	3402	3819	4032	4109	4116
-2.5°	571	897	1341	1815	2367	2890	3412	3824	4052	4155	4171
-5°	559	872	1296	1768	2300	2823	3322	3756	4036	4191	4260
-7.5°	537	828	1220	1679	2191	2715	3223	3674	3995	4214	4349
-10°	499	764	1123	1567	2071	2571	3073	3541	3887	4150	4338
-12.5°	447	678	1004	1408	1914	2381	2856	3305	3683	4008	4202
-15°	393	588	881	1251	1691	2151	2590	3030	3403	3707	3949
-17.5°	355	509	738	1062	1449	1885	2313	2717	3054	3340	3593
-20°	306	421	602	874	1215	1596	2007	2366	2667	2935	3177



REPORT NUMBER: P626586 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	267	360	492	677	983	1319	1655	1986	2269	2507	2714
-25°	232	298	400	551	750	1040	1323	1603	1864	2086	2272
-27.5°	205	257	325	432	584	753	1001	1235	1459	1662	1837
-30°	180	219	272	339	442	568	717	892	1071	1231	1390
-32.5°	162	190	226	276	334	424	514	631	745	861	976
-35°	146	168	193	226	266	318	378	450	510	587	657
-37.5°	135	150	169	190	219	248	288	332	369	412	448
-40°	125	138	151	165	184	204	230	255	278	304	324
-42.5°	118	128	137	148	159	175	193	208	222	238	250
-45°	112	119	127	135	144	155	168	179	189	197	204
-47.5°	105	112	118	125	132	141	149	156	164	171	175
-50°	99	105	111	117	123	130	136	142	148	153	156
-52.5°	93	99	105	110	116	121	127	132	137	141	143
-55°	88	94	100	105	109	114	119	124	128	132	134
-57.5°	83	89	95	99	103	107	112	116	121	125	126
-60°	77	83	88	92	97	101	105	110	114	117	118
-62.5°	70	75	80	84	88	92	96	101	105	108	110
-65°	61	66	71	75	79	82	86	90	94	97	99
-67.5°	54	58	61	65	69	72	76	80	84	86	88
-70°	46	50	54	57	60	63	67	70	73	75	77
-72.5°	39	42	45	48	51	54	57	60	62	64	66
-75°	32	35	38	40	43	45	47	49	51	53	54
-77.5°	25	28	30	32	34	36	38	39	41	42	44
-80°	20	21	23	24	26	27	29	30	31	32	33
-82.5°	14	15	16	17	18	19	20	21	22	23	24
-85°	9	10	10	11	11	12	12	13	13	14	15
-87.5°	4	5	5	5	5	6	6	6	6	7	7
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626586 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1B-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°	1	1	1	1	1	1	1	1	1	1	0
60°	2	2	2	2	2	2	2	2	2	3	3
57.5°	11	10	10	9	10	10	11	11	11	11	10
55°	24	25	26	26	26	25	24	23	22	21	21
52.5°	34	35	35	34	35	35	34	33	32	30	28
50°	47	47	46	46	46	47	47	46	44	41	38
47.5°	66	67	67	67	67	67	66	64	61	56	52
45°	84	85	86	86	86	85	84	82	78	72	66
42.5°	106	108	108	108	108	108	106	103	98	90	81
40°	150	152	151	149	151	152	150	144	135	121	110
37.5°	227	235	238	238	238	235	227	217	203	177	158
35°	392	419	431	416	431	419	392	359	323	285	239
32.5°	655	702	728	728	728	702	655	592	515	436	357
30°	976	1034	1067	1074	1067	1034	976	894	787	668	533
27.5°	1308	1368	1399	1395	1399	1368	1308	1221	1111	957	784
25°	1641	1687	1713	1714	1713	1687	1641	1557	1430	1279	1076
22.5°	2134	2229	2269	2280	2269	2229	2134	1993	1867	1677	1449
20°	2670	2763	2823	2827	2823	2763	2670	2541	2350	2136	1855
17.5°	3182	3228	3237	3240	3237	3228	3182	3043	2848	2630	2274
15°	3664	3680	3723	3728	3723	3680	3664	3537	3319	3078	2735
12.5°	3893	3908	3900	3881	3900	3908	3893	3797	3645	3397	3061
10°	4018	3997	3966	3929	3966	3997	4018	3949	3837	3645	3320
7.5°	4046	4023	3968	3914	3968	4023	4046	4052	3976	3816	3504
5°	4059	3991	3922	3856	3922	3991	4059	4082	4039	3907	3644
2.5°	4051	3971	3876	3805	3876	3971	4051	4085	4071	3976	3752
0°	4077	3995	3896	3870	3896	3995	4077	4116	4109	4032	3819
-2.5°	4149	4083	4031	4017	4031	4083	4149	4171	4155	4052	3824
-5°	4279	4264	4176	4197	4176	4264	4279	4260	4191	4036	3756
-7.5°	4404	4383	4346	4394	4346	4383	4404	4349	4214	3995	3674
-10°	4437	4430	4448	4491	4448	4430	4437	4338	4150	3887	3541
-12.5°	4335	4389	4449	4494	4449	4389	4335	4202	4008	3683	3305
-15°	4108	4217	4307	4349	4307	4217	4108	3949	3707	3403	3030
-17.5°	3773	3907	4013	4043	4013	3907	3773	3593	3340	3054	2717
-20°	3361	3497	3594	3632	3594	3497	3361	3177	2935	2667	2366

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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2897	3030	3118	3164	3118	3030	2897	2714	2507	2269	1986
-25°	2426	2543	2621	2641	2621	2543	2426	2272	2086	1864	1603
-27.5°	1976	2070	2127	2134	2127	2070	1976	1837	1662	1459	1235
-30°	1523	1611	1660	1686	1660	1611	1523	1390	1231	1071	892
-32.5°	1070	1139	1181	1192	1181	1139	1070	976	861	745	631
-35°	713	756	783	788	783	756	713	657	587	510	450
-37.5°	477	498	511	517	511	498	477	448	412	369	332
-40°	338	348	353	354	353	348	338	324	304	278	255
-42.5°	258	263	266	267	266	263	258	250	238	222	208
-45°	209	212	214	215	214	212	209	204	197	189	179
-47.5°	179	181	182	183	182	181	179	175	171	164	156
-50°	158	159	159	159	159	159	158	156	153	148	142
-52.5°	144	145	145	145	145	145	144	143	141	137	132
-55°	135	135	135	135	135	135	135	134	132	128	124
-57.5°	127	128	127	127	127	128	127	126	125	121	116
-60°	119	120	120	120	120	120	119	118	117	114	110
-62.5°	112	114	114	114	114	114	112	110	108	105	101
-65°	101	103	103	102	103	103	101	99	97	94	90
-67.5°	90	91	91	91	91	91	90	88	86	84	80
-70°	78	80	80	80	80	80	78	77	75	73	70
-72.5°	68	69	69	69	69	69	68	66	64	62	60
-75°	56	57	57	57	57	57	56	54	53	51	49
-77.5°	45	46	46	46	46	46	45	44	42	41	39
-80°	34	35	35	35	35	35	34	33	32	31	30
-82.5°	24	25	25	24	25	25	24	24	23	22	21
-85°	15	15	15	16	15	15	15	15	14	13	13
-87.5°	7	7	7	7	7	7	7	7	7	6	6
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626586 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-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	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
60°	3	2	2	2	2	1	2	2	1	1	0
57.5°	9	9	8	7	6	6	5	5	4	3	1
55°	20	18	16	14	13	11	9	8	8	6	4
52.5°	26	25	23	20	18	17	15	13	11	9	7
50°	35	34	32	29	26	24	22	19	16	14	11
47.5°	48	45	43	40	35	31	29	26	22	19	16
45°	61	57	53	49	45	40	35	32	28	24	21
42.5°	75	68	62	58	53	48	43	38	33	29	26
40°	98	86	78	70	64	56	51	46	40	34	30
37.5°	135	113	101	90	80	69	61	55	48	41	36
35°	195	163	134	116	100	86	74	65	57	49	41
32.5°	276	227	182	151	124	103	88	76	65	56	49
30°	408	316	243	193	155	124	102	87	73	63	55
27.5°	611	441	335	248	193	152	120	98	82	70	61
25°	863	636	460	335	243	185	143	113	91	76	67
22.5°	1182	909	665	438	321	239	176	128	102	87	75
20°	1574	1223	917	651	438	302	216	155	121	100	84
17.5°	1960	1599	1191	872	602	409	273	190	139	113	93
15°	2350	1925	1492	1119	774	499	324	223	160	127	103
12.5°	2649	2207	1725	1317	911	595	389	265	186	139	111
10°	2891	2432	1929	1472	1048	694	447	297	205	149	117
7.5°	3078	2594	2088	1605	1159	775	493	321	219	157	122
5°	3228	2734	2215	1714	1246	836	530	340	230	164	126
2.5°	3341	2837	2301	1786	1304	878	557	357	239	171	130
0°	3402	2873	2375	1831	1342	908	575	369	245	177	133
-2.5°	3412	2890	2367	1815	1341	897	571	367	246	179	135
-5°	3322	2823	2300	1768	1296	872	559	359	244	178	135
-7.5°	3223	2715	2191	1679	1220	828	537	347	240	176	135
-10°	3073	2571	2071	1567	1123	764	499	328	232	172	133
-12.5°	2856	2381	1914	1408	1004	678	447	305	220	166	130
-15°	2590	2151	1691	1251	881	588	393	275	205	157	126
-17.5°	2313	1885	1449	1062	738	509	355	254	191	149	121
-20°	2007	1596	1215	874	602	421	306	229	177	142	117

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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1655	1319	983	677	492	360	267	204	162	133	113
-25°	1323	1040	750	551	400	298	232	186	151	126	108
-27.5°	1001	753	584	432	325	257	205	167	139	119	103
-30°	717	568	442	339	272	219	180	152	130	113	99
-32.5°	514	424	334	276	226	190	162	139	122	107	95
-35°	378	318	266	226	193	168	146	129	114	102	92
-37.5°	288	248	219	190	169	150	135	121	107	97	88
-40°	230	204	184	165	151	138	125	113	103	93	84
-42.5°	193	175	159	148	137	128	118	108	98	89	81
-45°	168	155	144	135	127	119	112	103	94	85	77
-47.5°	149	141	132	125	118	112	105	98	89	81	74
-50°	136	130	123	117	111	105	99	91	84	77	70
-52.5°	127	121	116	110	105	99	93	86	79	73	65
-55°	119	114	109	105	100	94	88	81	74	68	61
-57.5°	112	107	103	99	95	89	83	76	69	63	56
-60°	105	101	97	92	88	83	77	70	64	58	52
-62.5°	96	92	88	84	80	75	70	64	58	53	47
-65°	86	82	79	75	71	66	61	56	52	47	42
-67.5°	76	72	69	65	61	58	54	49	45	41	36
-70°	67	63	60	57	54	50	46	42	38	34	30
-72.5°	57	54	51	48	45	42	39	36	32	28	25
-75°	47	45	43	40	38	35	32	29	26	23	21
-77.5°	38	36	34	32	30	28	25	23	21	19	16
-80°	29	27	26	24	23	21	20	18	16	14	12
-82.5°	20	19	18	17	16	15	14	13	11	10	9
-85°	12	12	11	11	10	10	9	8	7	6	6
-87.5°	6	6	5	5	5	5	4	4	3	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0



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CATALOG NUMBER: GFLD-SA1B-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°
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	1	0	0	0	1	1	0	0	0	0
60°	0	1	1	1	0	1	1	1	1	0	0
57.5°	1	1	1	1	1	1	1	1	1	1	1
55°	2	1	1	1	1	1	1	1	1	1	1
52.5°	5	3	2	1	1	1	1	1	1	1	1
50°	9	6	3	2	2	1	1	1	1	1	1
47.5°	13	9	6	3	2	2	1	1	1	1	1
45°	17	13	9	6	3	2	2	1	1	1	1
42.5°	23	18	13	8	5	4	2	1	1	1	1
40°	27	23	17	12	8	5	3	2	1	1	1
37.5°	32	28	22	16	10	7	5	2	2	1	1
35°	36	32	27	20	14	9	6	3	2	1	1
32.5°	41	36	30	24	17	11	8	4	3	2	1
30°	47	40	34	28	20	14	9	6	3	2	1
27.5°	53	43	37	31	24	17	11	7	4	2	1
25°	59	48	40	34	27	20	13	9	5	3	2
22.5°	64	53	43	37	30	22	15	10	6	4	2
20°	70	58	46	40	33	25	18	12	7	4	2
17.5°	77	63	51	43	35	28	20	13	8	5	2
15°	84	68	56	46	38	30	22	15	9	5	3
12.5°	90	73	60	50	41	32	24	16	9	6	3
10°	95	77	64	53	43	33	26	18	11	7	4
7.5°	99	81	67	56	45	35	27	19	12	7	4
5°	103	84	69	58	47	37	28	20	13	7	5
2.5°	106	87	71	60	49	39	29	21	14	8	5
0°	108	88	72	61	50	41	30	21	15	8	6
-2.5°	109	90	74	62	52	42	31	23	16	9	6
-5°	109	90	76	63	53	43	32	24	17	10	6
-7.5°	109	91	77	64	54	43	33	24	17	11	6
-10°	108	91	77	65	55	44	33	25	18	12	7
-12.5°	107	90	77	65	55	44	34	25	18	12	7
-15°	105	89	77	65	55	44	35	26	18	12	7
-17.5°	102	88	76	64	54	44	35	26	18	12	7
-20°	99	86	75	63	54	44	35	25	18	12	7

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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	97	85	74	62	54	44	34	25	18	12	7
-25°	94	83	72	62	53	43	34	24	18	12	7
-27.5°	91	81	70	61	52	43	32	23	17	11	7
-30°	88	79	69	60	51	41	31	23	17	11	7
-32.5°	86	76	67	58	49	40	29	22	16	11	7
-35°	83	74	65	56	47	38	28	21	16	11	7
-37.5°	80	71	62	54	46	36	27	20	15	10	7
-40°	76	68	59	52	44	35	27	20	14	10	7
-42.5°	73	65	57	50	42	33	25	19	14	9	6
-45°	70	62	55	47	40	32	24	18	13	9	6
-47.5°	66	59	51	44	38	30	23	17	12	8	6
-50°	62	55	48	41	35	28	21	16	11	8	6
-52.5°	58	50	44	38	32	25	20	14	11	8	5
-55°	53	47	41	35	29	23	18	14	10	7	5
-57.5°	50	44	38	32	26	21	16	13	9	7	5
-60°	46	40	35	29	23	19	15	12	9	6	4
-62.5°	42	36	31	25	21	17	14	11	8	6	4
-65°	36	31	26	22	18	15	12	10	7	5	4
-67.5°	31	26	22	19	16	13	11	9	6	5	3
-70°	26	22	19	16	14	11	9	7	6	4	3
-72.5°	22	19	16	13	11	10	8	6	5	4	3
-75°	18	15	13	11	9	8	6	5	4	3	2
-77.5°	14	12	10	9	8	6	5	4	3	3	2
-80°	11	9	8	7	6	5	4	3	3	2	2
-82.5°	8	7	6	5	4	4	3	3	2	2	1
-85°	5	4	4	3	3	3	2	2	2	1	1
-87.5°	2	2	2	2	1	1	1	1	1	1	1
-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: P626586 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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	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°	0	0	0	0	0	0	0
52.5°	1	0	0	1	0	0	0
50°	1	0	1	1	0	0	0
47.5°	1	1	1	1	0	0	0
45°	1	1	1	1	0	0	0
42.5°	1	1	1	1	0	0	0
40°	1	1	1	1	0	0	0
37.5°	1	1	1	1	0	0	0
35°	1	1	1	1	0	0	0
32.5°	1	1	1	1	0	0	0
30°	1	1	1	1	1	0	0
27.5°	1	1	1	1	1	0	0
25°	1	1	1	1	1	0	0
22.5°	1	1	1	1	1	0	0
20°	1	1	1	1	1	0	0
17.5°	2	1	1	1	1	0	0
15°	2	1	1	1	1	0	0
12.5°	2	1	1	1	1	0	0
10°	2	1	1	1	1	0	0
7.5°	2	1	1	1	1	0	0
5°	2	1	1	1	1	0	0
2.5°	2	1	1	1	1	0	0
0°	2	2	1	1	1	0	0
-2.5°	3	2	1	1	1	0	0
-5°	3	2	1	1	1	0	0
-7.5°	3	2	1	1	1	0	0
-10°	4	2	1	1	1	0	0
-12.5°	4	2	1	1	1	0	0
-15°	4	2	1	1	1	0	0
-17.5°	4	2	1	1	1	0	0
-20°	4	2	1	1	1	0	0

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CATALOG NUMBER: GFLD-SA1B-722-U-MWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	4	2	1	1	1	0	0
-25°	4	2	1	1	1	0	0
-27.5°	4	2	1	1	1	0	0
-30°	4	2	1	1	1	0	0
-32.5°	4	2	1	1	1	0	0
-35°	4	2	1	1	1	0	0
-37.5°	4	2	1	1	1	0	0
-40°	4	2	1	1	1	0	0
-42.5°	4	2	1	1	1	0	0
-45°	4	2	1	1	1	0	0
-47.5°	4	2	1	1	1	0	0
-50°	4	2	1	1	1	0	0
-52.5°	4	2	1	1	1	0	0
-55°	3	2	1	1	1	0	0
-57.5°	3	2	1	1	1	0	0
-60°	3	2	1	1	1	0	0
-62.5°	3	2	1	1	1	0	0
-65°	3	2	1	1	1	0	0
-67.5°	2	2	1	1	0	0	0
-70°	2	2	1	1	0	0	0
-72.5°	2	1	1	1	0	0	0
-75°	2	1	1	1	0	0	0
-77.5°	2	1	1	1	0	0	0
-80°	2	1	1	0	0	0	0
-82.5°	1	1	1	0	0	0	0
-85°	1	1	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)