

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: P626606 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-730-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626606 (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-730-U-MWR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

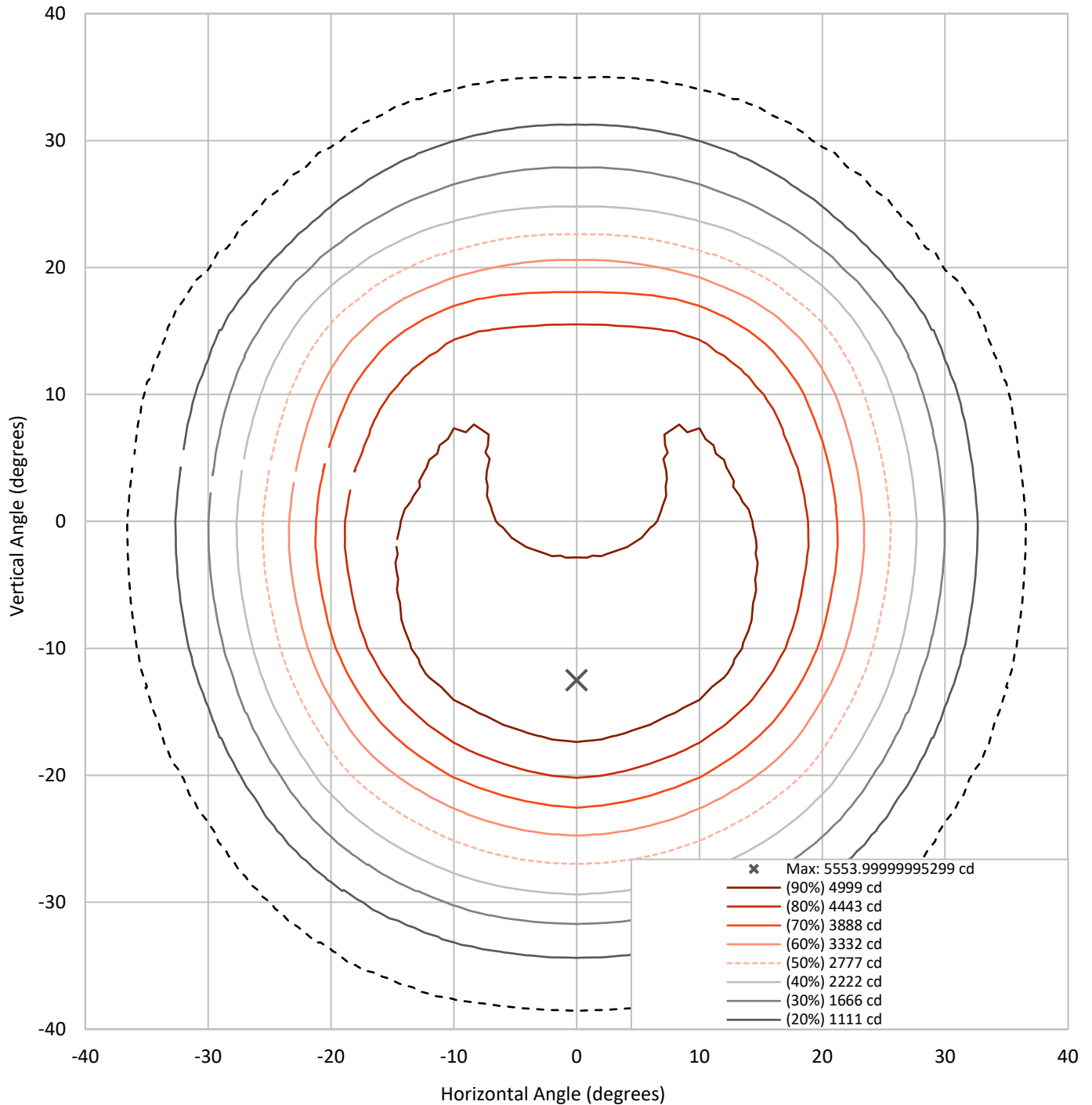
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 5V
Luminaire Lumens:	3964.4 lumens	Max Intensity:	5554 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -12.5°V
Efficacy:	118.3 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:	2655.3 lumens	Field Lumens:	3575.2 lumens
Beam Efficiency:	67.0%	Field Efficiency:	90.2%
Input Watts (W):	33.5		
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: P626606 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





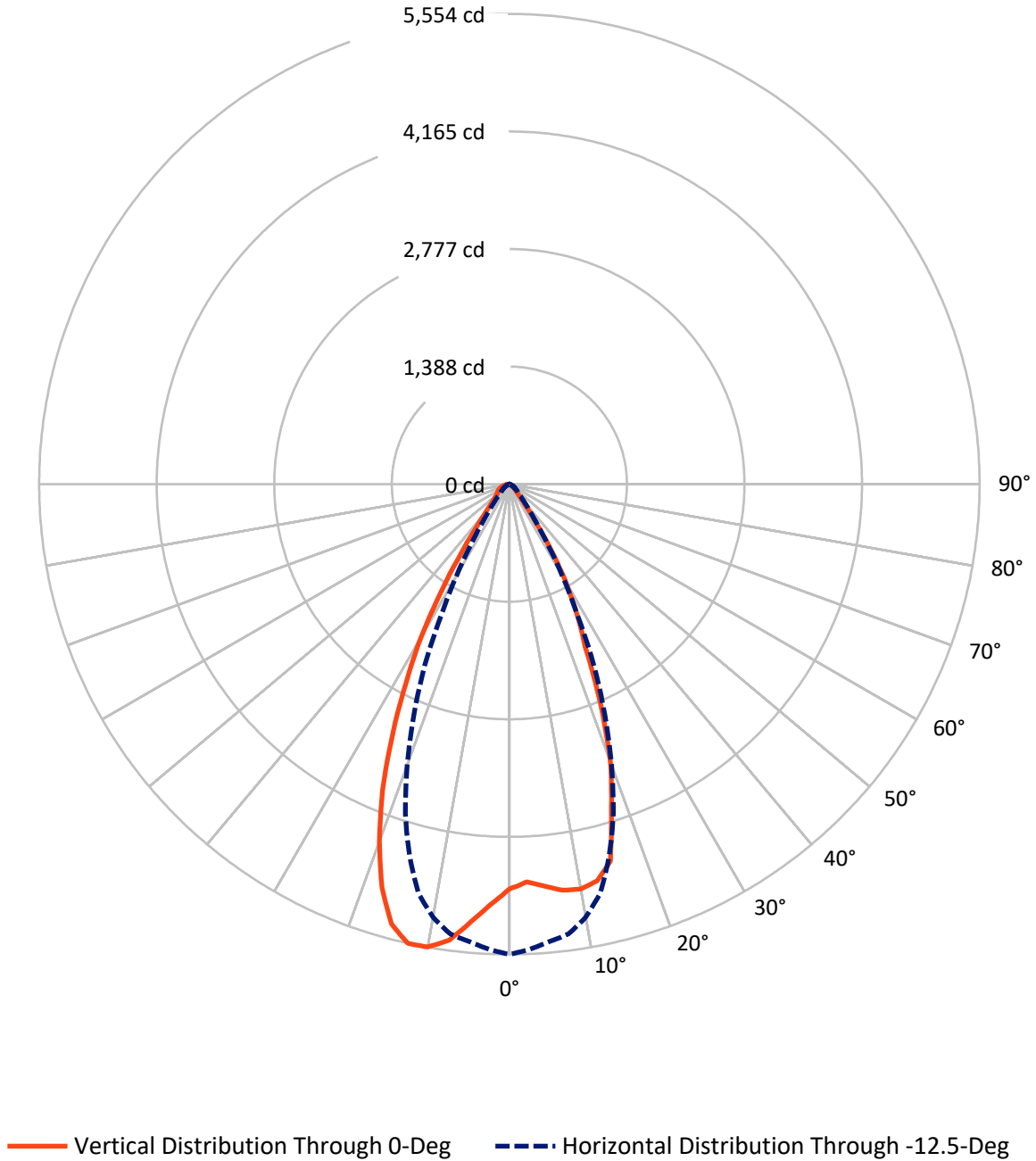
REPORT NUMBER: P626606 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

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	0.0	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	0.5	0.8	0.9	0.9	0.8	0.5	0.3	0.1	0.0		0.0							
40	0.0	0.0	0.2	0.6	1.1	1.8	2.7	3.3	3.3	2.7	1.8	1.1	0.6	0.2	0.0	0.0							
30		0.1	0.4	1.1	2.4	5.1	11.7	17.9	17.9	11.7	5.1	2.4	1.1	0.4	0.1								
20	0.0	0.2	0.7	1.9	5.0	18.4	47.5	66.3	66.3	47.5	18.4	5.0	1.9	0.7	0.2	0.0							
10		0.3	1.0	2.9	11.8	51.2	106.8	132.2	132.2	106.8	51.2	11.8	2.9	1.0	0.3								
0	0.1	0.3	1.3	3.7	18.9	75.4	137.7	149.2	149.2	137.7	75.4	18.9	3.7	1.3	0.3	0.1							
-10		0.4	1.4	3.9	19.7	77.8	142.6	158.4	158.4	142.6	77.8	19.7	3.9	1.4	0.4								
-20	0.1	0.4	1.4	3.6	14.1	58.0	120.3	153.6	153.6	120.3	58.0	14.1	3.6	1.4	0.4	0.1							
-30		0.4	1.4	3.0	7.9	28.1	67.0	94.3	94.3	67.0	28.1	7.9	3.0	1.4	0.4								
-40	0.1	0.4	1.2	2.5	4.7	10.0	20.9	31.1	31.1	20.9	10.0	4.7	2.5	1.2	0.4	0.1							
-50		0.3	1.0	2.1	3.4	5.1	7.1	8.5	8.5	7.1	5.1	3.4	2.1	1.0	0.3								
-60	0.1	0.2	0.8	1.6	2.7	3.7	4.7	5.1	5.1	4.7	3.7	2.7	1.6	0.8	0.2	0.1							
-70		0.2	0.5	1.1	1.9	2.7	3.4	3.8	3.8	3.4	2.7	1.9	1.1	0.5	0.2								
-80	0.0	0.4	2.0	4.3	5.5	4.3	2.0	0.4	0.0														
-90																							
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90				

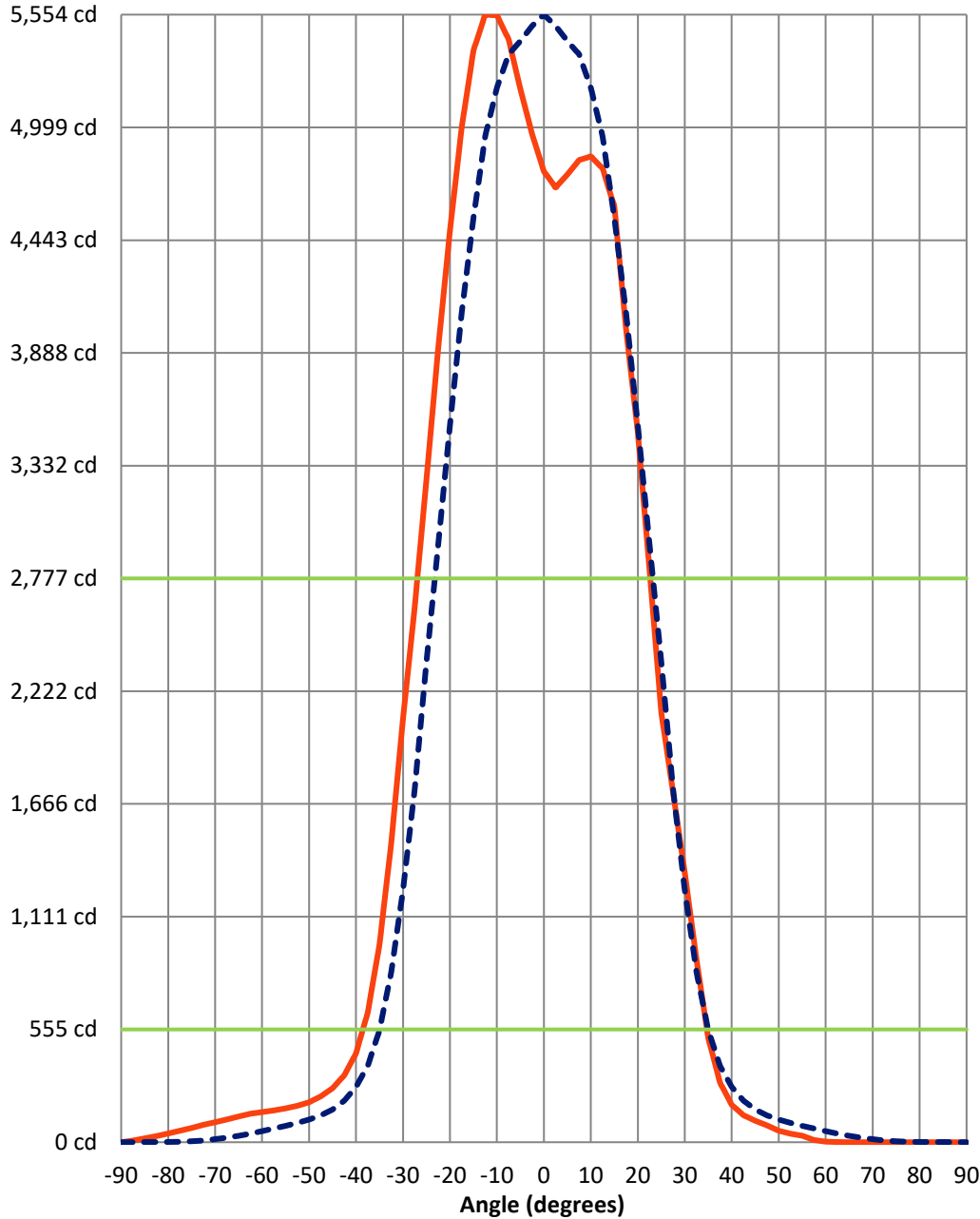
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 2655.3
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 3575.2
 Efficiency: 90.2%

Spill:
 Lumens: 389.2
 Efficiency: 9.8%

- 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	1
60°	0	0	0	0	1	0	0	0	1	1	1
57.5°	0	0	0	0	1	0	0	1	1	1	1
55°	0	0	0	1	1	0	1	1	1	1	1
52.5°	0	0	0	1	1	0	1	1	1	1	1
50°	0	0	0	1	1	1	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	2
40°	0	0	0	1	1	1	1	1	1	2	2
37.5°	0	0	1	1	1	1	1	1	1	2	2
35°	0	0	1	1	1	1	1	1	2	3	3
32.5°	0	0	1	1	1	1	2	1	2	3	5
30°	0	0	1	1	1	1	2	1	3	4	7
27.5°	0	0	1	1	1	1	2	2	3	5	9
25°	0	0	1	1	1	1	2	2	4	6	11
22.5°	0	0	1	1	1	1	2	2	4	7	12
20°	0	0	1	1	1	2	2	3	5	9	14
17.5°	0	0	1	1	1	2	2	3	6	10	16
15°	0	0	1	1	1	2	2	3	7	11	18
12.5°	0	0	1	1	1	2	2	4	8	12	20
10°	0	0	1	1	1	2	2	5	8	13	22
7.5°	0	0	1	1	1	2	2	5	9	15	24
5°	0	0	1	1	1	2	2	6	9	16	25
2.5°	0	0	1	1	1	2	3	7	10	18	26
0°	0	0	1	1	1	2	3	7	10	19	26
-2.5°	0	0	1	1	1	2	3	8	11	20	28
-5°	0	0	1	1	1	2	4	8	13	21	29
-7.5°	0	0	1	1	1	2	4	8	14	21	30
-10°	0	0	1	1	1	2	4	8	14	22	31
-12.5°	0	0	1	1	1	2	5	8	15	22	31
-15°	0	0	1	1	1	2	5	8	15	23	32
-17.5°	0	0	1	1	1	2	5	9	15	23	32
-20°	0	0	1	1	1	2	5	9	15	23	31

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REPORT NUMBER: P626606 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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	5	9	15	22	31
-25°	0	0	1	1	1	2	5	9	14	22	29
-27.5°	0	0	1	1	1	3	5	9	14	21	29
-30°	0	0	1	1	1	3	5	9	14	21	28
-32.5°	0	0	1	1	1	3	5	9	14	20	27
-35°	0	0	1	1	1	3	5	9	13	19	25
-37.5°	0	0	1	1	1	3	5	8	13	19	25
-40°	0	0	1	1	2	3	5	8	12	18	25
-42.5°	0	0	1	1	2	3	5	8	11	17	24
-45°	0	0	1	1	2	3	5	7	11	16	23
-47.5°	0	0	1	1	2	3	5	7	10	15	21
-50°	0	0	1	1	2	3	5	7	10	14	20
-52.5°	0	0	1	1	2	3	4	7	9	13	18
-55°	0	0	1	1	2	3	4	6	9	12	17
-57.5°	0	0	1	1	2	3	4	6	8	12	16
-60°	0	0	1	1	2	2	4	6	8	11	14
-62.5°	0	0	1	1	2	2	4	5	7	10	13
-65°	0	0	1	1	2	2	3	5	7	9	12
-67.5°	0	0	1	1	1	2	3	4	6	8	11
-70°	0	0	1	1	1	2	3	4	5	7	9
-72.5°	0	0	1	1	1	2	2	3	4	6	8
-75°	0	0	0	1	1	2	2	3	4	5	6
-77.5°	0	0	0	1	1	2	2	3	3	4	5
-80°	0	0	0	1	1	1	2	2	3	3	4
-82.5°	0	0	0	0	1	1	1	2	2	3	3
-85°	0	0	0	0	0	1	1	1	2	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: P626606 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1B-730-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	0	0	0	0	0	0	0	0	0	0
65°	0	1	0	0	0	0	0	0	0	0	0
62.5°	1	1	0	0	1	1	1	0	0	0	0
60°	1	1	1	1	1	1	1	1	1	1	2
57.5°	1	1	1	1	1	1	1	1	3	5	6
55°	1	1	1	1	1	2	2	5	8	9	10
52.5°	1	1	1	2	2	3	6	9	12	14	16
50°	1	1	2	2	4	7	11	14	17	20	23
47.5°	2	2	3	4	7	11	16	20	23	28	33
45°	2	3	4	7	11	16	22	26	30	35	39
42.5°	2	4	7	10	16	22	28	32	36	41	47
40°	4	6	10	15	21	28	33	38	42	49	57
37.5°	6	9	13	19	27	34	39	44	51	59	68
35°	8	11	17	24	33	39	45	51	60	70	80
32.5°	10	13	21	29	38	44	51	60	70	80	94
30°	12	17	25	34	42	49	58	68	78	91	107
27.5°	14	20	29	38	46	54	65	75	86	101	120
25°	16	24	33	42	50	59	72	83	94	113	139
22.5°	19	28	37	45	54	66	79	93	107	126	159
20°	22	31	40	49	57	72	87	103	123	149	192
17.5°	25	34	44	53	63	78	95	115	139	172	234
15°	27	37	47	57	69	85	104	127	157	197	275
12.5°	30	39	50	61	74	91	111	137	172	230	328
10°	32	41	53	65	79	96	117	145	184	253	367
7.5°	33	44	56	69	83	100	122	151	194	271	397
5°	35	46	58	72	85	104	127	156	203	285	421
2.5°	36	49	60	74	88	107	130	161	212	296	441
0°	37	51	62	76	89	109	133	164	219	303	456
-2.5°	39	52	64	77	92	111	134	166	221	304	453
-5°	40	53	66	78	94	112	134	167	220	302	444
-7.5°	41	53	67	79	95	112	135	167	218	297	429
-10°	41	54	68	80	95	112	134	165	213	287	406
-12.5°	42	55	68	80	95	112	132	161	205	272	376
-15°	43	55	68	80	95	110	129	156	194	253	340
-17.5°	43	55	67	80	94	109	125	150	184	236	314
-20°	43	55	67	78	93	107	123	145	175	219	282

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CATALOG NUMBER: GFLD-SA1B-730-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°	42	54	66	77	91	105	120	139	165	201	252
-25°	42	54	66	77	89	102	116	133	155	187	229
-27.5°	40	53	64	75	87	100	113	128	147	172	206
-30°	38	51	62	74	85	97	109	122	139	161	188
-32.5°	36	49	61	71	83	94	106	118	133	150	172
-35°	35	47	58	69	80	91	102	113	125	141	160
-37.5°	34	45	56	66	77	88	98	109	120	132	149
-40°	33	43	54	64	73	84	94	104	115	127	140
-42.5°	31	41	51	61	70	80	90	100	110	121	133
-45°	30	39	49	58	67	77	86	95	105	116	127
-47.5°	28	37	46	55	64	73	82	91	100	110	120
-50°	26	34	43	51	59	68	77	86	95	103	113
-52.5°	24	31	40	47	55	62	72	81	90	98	106
-55°	22	29	36	44	51	58	66	75	84	92	100
-57.5°	20	26	33	40	47	54	61	69	78	86	94
-60°	19	23	29	36	43	50	57	64	72	80	87
-62.5°	17	21	25	31	38	45	51	58	66	72	79
-65°	15	18	22	27	32	39	45	52	58	64	70
-67.5°	13	16	19	23	28	33	38	44	50	56	61
-70°	12	14	17	20	23	27	32	37	42	47	52
-72.5°	10	12	14	17	20	23	27	31	35	40	44
-75°	8	10	12	14	16	19	22	26	29	33	36
-77.5°	6	8	9	11	13	15	18	20	23	26	29
-80°	5	6	7	8	10	12	13	15	17	19	22
-82.5°	4	5	5	6	7	8	9	11	12	14	16
-85°	3	3	4	4	5	5	6	7	8	9	10
-87.5°	1	2	2	2	2	3	3	3	4	4	5
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626606 (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°
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	1	1	1	1
60°	2	2	2	3	3	2	3	4	3	3	3
57.5°	6	7	8	9	10	11	12	13	13	14	14
55°	12	14	16	18	20	23	25	25	26	27	28
52.5°	19	21	23	25	29	31	32	35	37	39	41
50°	27	30	32	36	39	42	43	46	51	55	57
47.5°	36	39	44	50	53	56	60	64	69	75	79
45°	44	49	56	61	65	70	75	81	89	96	102
42.5°	53	59	65	72	76	84	93	100	111	121	128
40°	63	69	79	86	96	106	121	135	150	166	178
37.5°	76	85	98	111	125	140	167	195	218	251	269
35°	91	106	124	143	166	201	241	295	352	399	444
32.5°	109	128	153	186	225	281	341	441	539	636	732
30°	126	153	192	238	301	390	504	659	826	973	1105
27.5°	149	188	238	307	414	545	755	969	1183	1373	1510
25°	177	229	300	414	568	786	1067	1330	1580	1767	1924
22.5°	217	295	396	541	821	1124	1460	1791	2073	2308	2463
20°	267	373	542	804	1134	1512	1945	2293	2640	2904	3141
17.5°	337	506	744	1078	1472	1976	2422	2811	3250	3521	3762
15°	400	617	957	1383	1844	2379	2905	3381	3805	4102	4372
12.5°	480	736	1126	1627	2132	2727	3274	3783	4199	4505	4693
10°	552	857	1296	1819	2384	3006	3573	4103	4505	4742	4881
7.5°	610	958	1433	1984	2580	3206	3805	4331	4716	4914	5008
5°	655	1033	1540	2119	2738	3379	3989	4504	4829	4992	5045
2.5°	688	1085	1612	2207	2845	3506	4130	4637	4914	5032	5049
0°	711	1122	1659	2263	2936	3551	4205	4721	4984	5079	5088
-2.5°	706	1109	1657	2243	2925	3572	4217	4726	5008	5135	5156
-5°	692	1077	1602	2185	2842	3490	4105	4642	4988	5180	5265
-7.5°	664	1024	1508	2076	2707	3356	3983	4541	4938	5209	5375
-10°	617	945	1388	1937	2560	3177	3798	4376	4804	5130	5362
-12.5°	552	838	1241	1740	2366	2943	3531	4085	4552	4954	5193
-15°	486	727	1089	1546	2091	2658	3201	3745	4207	4582	4881
-17.5°	438	629	913	1312	1791	2329	2859	3359	3775	4128	4442
-20°	378	520	745	1081	1502	1973	2480	2925	3297	3627	3927

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REPORT NUMBER: P626606 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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°	331	445	608	837	1215	1631	2046	2455	2804	3099	3355
-25°	287	368	495	681	927	1286	1635	1981	2304	2578	2808
-27.5°	253	317	402	535	721	931	1237	1526	1803	2054	2271
-30°	222	270	336	419	546	702	886	1102	1324	1521	1719
-32.5°	200	234	280	341	412	524	635	780	921	1065	1206
-35°	180	208	239	280	329	394	467	556	631	725	812
-37.5°	166	186	209	235	270	307	356	410	457	509	553
-40°	155	170	186	204	228	252	284	315	344	376	400
-42.5°	146	158	169	183	197	217	238	257	275	294	309
-45°	138	147	157	167	178	192	207	221	233	243	252
-47.5°	130	138	146	155	164	174	184	193	203	211	217
-50°	122	130	138	145	153	161	169	176	183	189	193
-52.5°	114	123	130	137	143	150	156	163	169	174	177
-55°	109	116	124	130	135	141	147	153	158	164	165
-57.5°	102	110	117	123	128	133	138	144	149	154	156
-60°	95	103	109	114	120	125	130	135	140	145	146
-62.5°	86	93	99	104	109	113	119	124	130	134	136
-65°	76	82	87	92	97	102	107	112	116	120	123
-67.5°	66	71	76	80	85	89	94	99	103	107	109
-70°	57	62	66	70	74	78	82	86	90	93	95
-72.5°	48	52	56	60	63	67	70	74	77	79	81
-75°	40	43	47	50	53	56	58	61	63	65	67
-77.5°	31	34	37	40	42	45	47	49	50	52	54
-80°	24	26	28	30	32	34	35	37	38	40	41
-82.5°	17	19	20	21	23	24	25	26	27	28	29
-85°	11	12	13	13	14	15	15	16	17	17	18
-87.5°	5	6	6	6	7	7	7	8	8	8	9
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626606 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-730-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	1
60°	3	3	3	3	3	3	3	3	3	3	4
57.5°	14	13	12	11	12	13	14	14	14	13	13
55°	30	31	32	32	32	31	30	28	27	26	25
52.5°	42	43	43	42	43	43	42	41	39	37	35
50°	58	58	57	57	57	58	58	57	55	51	46
47.5°	81	82	83	83	83	82	81	79	75	69	64
45°	104	105	106	106	106	105	104	102	96	89	81
42.5°	131	133	134	133	134	133	131	128	121	111	100
40°	186	188	187	184	187	188	186	178	166	150	135
37.5°	281	290	294	294	294	290	281	269	251	218	195
35°	485	517	532	514	532	517	485	444	399	352	295
32.5°	810	867	900	900	900	867	810	732	636	539	441
30°	1206	1278	1318	1327	1318	1278	1206	1105	973	826	659
27.5°	1616	1691	1729	1724	1729	1691	1616	1510	1373	1183	969
25°	2028	2085	2117	2118	2117	2085	2028	1924	1767	1580	1330
22.5°	2637	2756	2804	2818	2804	2756	2637	2463	2308	2073	1791
20°	3301	3416	3490	3494	3490	3416	3301	3141	2904	2640	2293
17.5°	3933	3990	4000	4005	4000	3990	3933	3762	3521	3250	2811
15°	4529	4549	4601	4608	4601	4549	4529	4372	4102	3805	3381
12.5°	4812	4830	4821	4796	4821	4830	4812	4693	4505	4199	3783
10°	4966	4940	4902	4856	4902	4940	4966	4881	4742	4505	4103
7.5°	5001	4972	4904	4837	4904	4972	5001	5008	4914	4716	4331
5°	5017	4933	4848	4766	4848	4933	5017	5045	4992	4829	4504
2.5°	5008	4908	4790	4703	4790	4908	5008	5049	5032	4914	4637
0°	5039	4938	4815	4783	4815	4938	5039	5088	5079	4984	4721
-2.5°	5128	5047	4982	4965	4982	5047	5128	5156	5135	5008	4726
-5°	5289	5270	5161	5187	5161	5270	5289	5265	5180	4988	4642
-7.5°	5443	5418	5371	5431	5371	5418	5443	5375	5209	4938	4541
-10°	5484	5476	5497	5550	5497	5476	5484	5362	5130	4804	4376
-12.5°	5358	5424	5498	5554	5498	5424	5358	5193	4954	4552	4085
-15°	5077	5212	5323	5376	5323	5212	5077	4881	4582	4207	3745
-17.5°	4663	4829	4960	4998	4960	4829	4663	4442	4128	3775	3359
-20°	4154	4323	4442	4489	4442	4323	4154	3927	3627	3297	2925

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REPORT NUMBER: P626606 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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°	3581	3745	3853	3910	3853	3745	3581	3355	3099	2804	2455
-25°	2999	3143	3239	3265	3239	3143	2999	2808	2578	2304	1981
-27.5°	2442	2559	2629	2637	2629	2559	2442	2271	2054	1803	1526
-30°	1883	1991	2052	2084	2052	1991	1883	1719	1521	1324	1102
-32.5°	1322	1408	1460	1473	1460	1408	1322	1206	1065	921	780
-35°	882	935	968	974	968	935	882	812	725	631	556
-37.5°	589	615	631	639	631	615	589	553	509	457	410
-40°	418	430	437	438	437	430	418	400	376	344	315
-42.5°	319	326	329	330	329	326	319	309	294	275	257
-45°	258	262	265	266	265	262	258	252	243	233	221
-47.5°	221	224	225	226	225	224	221	217	211	203	193
-50°	195	196	197	197	197	196	195	193	189	183	176
-52.5°	178	179	180	179	180	179	178	177	174	169	163
-55°	166	167	167	167	167	167	166	165	164	158	153
-57.5°	157	158	158	157	158	158	157	156	154	149	144
-60°	148	149	149	148	149	149	148	146	145	140	135
-62.5°	139	140	141	140	141	140	139	136	134	130	124
-65°	125	127	127	127	127	127	125	123	120	116	112
-67.5°	111	112	112	112	112	112	111	109	107	103	99
-70°	97	99	99	98	99	99	97	95	93	90	86
-72.5°	83	85	85	86	85	85	83	81	79	77	74
-75°	69	71	70	70	70	71	69	67	65	63	61
-77.5°	56	57	57	57	57	57	56	54	52	50	49
-80°	42	43	43	43	43	43	42	41	40	38	37
-82.5°	30	31	31	30	31	31	30	29	28	27	26
-85°	18	19	19	19	19	19	18	18	17	17	16
-87.5°	9	9	9	8	9	9	9	9	8	8	8
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626606 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-730-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	3	3	2	2	2	2	1	1	1
57.5°	12	11	10	9	8	7	6	6	5	3	1
55°	25	23	20	18	16	14	12	10	9	8	5
52.5°	32	31	29	25	23	21	19	16	14	12	9
50°	43	42	39	36	32	30	27	23	20	17	14
47.5°	60	56	53	50	44	39	36	33	28	23	20
45°	75	70	65	61	56	49	44	39	35	30	26
42.5°	93	84	76	72	65	59	53	47	41	36	32
40°	121	106	96	86	79	69	63	57	49	42	38
37.5°	167	140	125	111	98	85	76	68	59	51	44
35°	241	201	166	143	124	106	91	80	70	60	51
32.5°	341	281	225	186	153	128	109	94	80	70	60
30°	504	390	301	238	192	153	126	107	91	78	68
27.5°	755	545	414	307	238	188	149	120	101	86	75
25°	1067	786	568	414	300	229	177	139	113	94	83
22.5°	1460	1124	821	541	396	295	217	159	126	107	93
20°	1945	1512	1134	804	542	373	267	192	149	123	103
17.5°	2422	1976	1472	1078	744	506	337	234	172	139	115
15°	2905	2379	1844	1383	957	617	400	275	197	157	127
12.5°	3274	2727	2132	1627	1126	736	480	328	230	172	137
10°	3573	3006	2384	1819	1296	857	552	367	253	184	145
7.5°	3805	3206	2580	1984	1433	958	610	397	271	194	151
5°	3989	3379	2738	2119	1540	1033	655	421	285	203	156
2.5°	4130	3506	2845	2207	1612	1085	688	441	296	212	161
0°	4205	3551	2936	2263	1659	1122	711	456	303	219	164
-2.5°	4217	3572	2925	2243	1657	1109	706	453	304	221	166
-5°	4105	3490	2842	2185	1602	1077	692	444	302	220	167
-7.5°	3983	3356	2707	2076	1508	1024	664	429	297	218	167
-10°	3798	3177	2560	1937	1388	945	617	406	287	213	165
-12.5°	3531	2943	2366	1740	1241	838	552	376	272	205	161
-15°	3201	2658	2091	1546	1089	727	486	340	253	194	156
-17.5°	2859	2329	1791	1312	913	629	438	314	236	184	150
-20°	2480	1973	1502	1081	745	520	378	282	219	175	145

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REPORT NUMBER: P626606 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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°	2046	1631	1215	837	608	445	331	252	201	165	139
-25°	1635	1286	927	681	495	368	287	229	187	155	133
-27.5°	1237	931	721	535	402	317	253	206	172	147	128
-30°	886	702	546	419	336	270	222	188	161	139	122
-32.5°	635	524	412	341	280	234	200	172	150	133	118
-35°	467	394	329	280	239	208	180	160	141	125	113
-37.5°	356	307	270	235	209	186	166	149	132	120	109
-40°	284	252	228	204	186	170	155	140	127	115	104
-42.5°	238	217	197	183	169	158	146	133	121	110	100
-45°	207	192	178	167	157	147	138	127	116	105	95
-47.5°	184	174	164	155	146	138	130	120	110	100	91
-50°	169	161	153	145	138	130	122	113	103	95	86
-52.5°	156	150	143	137	130	123	114	106	98	90	81
-55°	147	141	135	130	124	116	109	100	92	84	75
-57.5°	138	133	128	123	117	110	102	94	86	78	69
-60°	130	125	120	114	109	103	95	87	80	72	64
-62.5°	119	113	109	104	99	93	86	79	72	66	58
-65°	107	102	97	92	87	82	76	70	64	58	52
-67.5°	94	89	85	80	76	71	66	61	56	50	44
-70°	82	78	74	70	66	62	57	52	47	42	37
-72.5°	70	67	63	60	56	52	48	44	40	35	31
-75°	58	56	53	50	47	43	40	36	33	29	26
-77.5°	47	45	42	40	37	34	31	29	26	23	20
-80°	35	34	32	30	28	26	24	22	19	17	15
-82.5°	25	24	23	21	20	19	17	16	14	12	11
-85°	15	15	14	13	13	12	11	10	9	8	7
-87.5°	7	7	7	6	6	6	5	5	4	4	3
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626606 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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	1	0	0	0	0	0
62.5°	1	1	1	0	0	1	1	1	0	0	0
60°	1	1	1	1	1	1	1	1	1	1	0
57.5°	1	1	1	1	1	1	1	1	1	1	1
55°	2	2	1	1	1	1	1	1	1	1	1
52.5°	6	3	2	2	1	1	1	1	1	1	1
50°	11	7	4	2	2	1	1	1	1	1	1
47.5°	16	11	7	4	3	2	2	1	1	1	1
45°	22	16	11	7	4	3	2	1	1	1	1
42.5°	28	22	16	10	7	4	2	2	1	1	1
40°	33	28	21	15	10	6	4	2	2	1	1
37.5°	39	34	27	19	13	9	6	2	2	1	1
35°	45	39	33	24	17	11	8	3	3	2	1
32.5°	51	44	38	29	21	13	10	5	3	2	1
30°	58	49	42	34	25	17	12	7	4	3	1
27.5°	65	54	46	38	29	20	14	9	5	3	2
25°	72	59	50	42	33	24	16	11	6	4	2
22.5°	79	66	54	45	37	28	19	12	7	4	2
20°	87	72	57	49	40	31	22	14	9	5	3
17.5°	95	78	63	53	44	34	25	16	10	6	3
15°	104	85	69	57	47	37	27	18	11	7	3
12.5°	111	91	74	61	50	39	30	20	12	8	4
10°	117	96	79	65	53	41	32	22	13	8	5
7.5°	122	100	83	69	56	44	33	24	15	9	5
5°	127	104	85	72	58	46	35	25	16	9	6
2.5°	130	107	88	74	60	49	36	26	18	10	7
0°	133	109	89	76	62	51	37	26	19	10	7
-2.5°	134	111	92	77	64	52	39	28	20	11	8
-5°	134	112	94	78	66	53	40	29	21	13	8
-7.5°	135	112	95	79	67	53	41	30	21	14	8
-10°	134	112	95	80	68	54	41	31	22	14	8
-12.5°	132	112	95	80	68	55	42	31	22	15	8
-15°	129	110	95	80	68	55	43	32	23	15	8
-17.5°	125	109	94	80	67	55	43	32	23	15	9
-20°	123	107	93	78	67	55	43	31	23	15	9

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REPORT NUMBER: P626606 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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°	120	105	91	77	66	54	42	31	22	15	9
-25°	116	102	89	77	66	54	42	29	22	14	9
-27.5°	113	100	87	75	64	53	40	29	21	14	9
-30°	109	97	85	74	62	51	38	28	21	14	9
-32.5°	106	94	83	71	61	49	36	27	20	14	9
-35°	102	91	80	69	58	47	35	25	19	13	9
-37.5°	98	88	77	66	56	45	34	25	19	13	8
-40°	94	84	73	64	54	43	33	25	18	12	8
-42.5°	90	80	70	61	51	41	31	24	17	11	8
-45°	86	77	67	58	49	39	30	23	16	11	7
-47.5°	82	73	64	55	46	37	28	21	15	10	7
-50°	77	68	59	51	43	34	26	20	14	10	7
-52.5°	72	62	55	47	40	31	24	18	13	9	7
-55°	66	58	51	44	36	29	22	17	12	9	6
-57.5°	61	54	47	40	33	26	20	16	12	8	6
-60°	57	50	43	36	29	23	19	14	11	8	6
-62.5°	51	45	38	31	25	21	17	13	10	7	5
-65°	45	39	32	27	22	18	15	12	9	7	5
-67.5°	38	33	28	23	19	16	13	11	8	6	4
-70°	32	27	23	20	17	14	12	9	7	5	4
-72.5°	27	23	20	17	14	12	10	8	6	4	3
-75°	22	19	16	14	12	10	8	6	5	4	3
-77.5°	18	15	13	11	9	8	6	5	4	3	3
-80°	13	12	10	8	7	6	5	4	3	3	2
-82.5°	9	8	7	6	5	5	4	3	3	2	2
-85°	6	5	5	4	4	3	3	2	2	2	1
-87.5°	3	3	2	2	2	2	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: P626606 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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	1	0	0	0	0
57.5°	0	0	1	0	0	0	0
55°	1	0	1	1	0	0	0
52.5°	1	0	1	1	0	0	0
50°	1	1	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	1	0	0
35°	1	1	1	1	1	0	0
32.5°	2	1	1	1	1	0	0
30°	2	1	1	1	1	0	0
27.5°	2	1	1	1	1	0	0
25°	2	1	1	1	1	0	0
22.5°	2	1	1	1	1	0	0
20°	2	2	1	1	1	0	0
17.5°	2	2	1	1	1	0	0
15°	2	2	1	1	1	0	0
12.5°	2	2	1	1	1	0	0
10°	2	2	1	1	1	0	0
7.5°	2	2	1	1	1	0	0
5°	2	2	1	1	1	0	0
2.5°	3	2	1	1	1	0	0
0°	3	2	1	1	1	0	0
-2.5°	3	2	1	1	1	0	0
-5°	4	2	1	1	1	0	0
-7.5°	4	2	1	1	1	0	0
-10°	4	2	1	1	1	0	0
-12.5°	5	2	1	1	1	0	0
-15°	5	2	1	1	1	0	0
-17.5°	5	2	1	1	1	0	0
-20°	5	2	1	1	1	0	0

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REPORT NUMBER: P626606 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	5	2	1	1	1	0	0
-25°	5	2	1	1	1	0	0
-27.5°	5	3	1	1	1	0	0
-30°	5	3	1	1	1	0	0
-32.5°	5	3	1	1	1	0	0
-35°	5	3	1	1	1	0	0
-37.5°	5	3	1	1	1	0	0
-40°	5	3	2	1	1	0	0
-42.5°	5	3	2	1	1	0	0
-45°	5	3	2	1	1	0	0
-47.5°	5	3	2	1	1	0	0
-50°	5	3	2	1	1	0	0
-52.5°	4	3	2	1	1	0	0
-55°	4	3	2	1	1	0	0
-57.5°	4	3	2	1	1	0	0
-60°	4	2	2	1	1	0	0
-62.5°	4	2	2	1	1	0	0
-65°	3	2	2	1	1	0	0
-67.5°	3	2	1	1	1	0	0
-70°	3	2	1	1	1	0	0
-72.5°	2	2	1	1	1	0	0
-75°	2	2	1	1	0	0	0
-77.5°	2	2	1	1	0	0	0
-80°	2	1	1	1	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)