

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: P626544 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-730-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
 Report Number: P626544 (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-SA1A-730-U-MR-VSR-XX  
 Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
 Light Source: (16) 3000K CCT, 70 CRI LEDS  
 Ballast/Driver: -

**Summary**

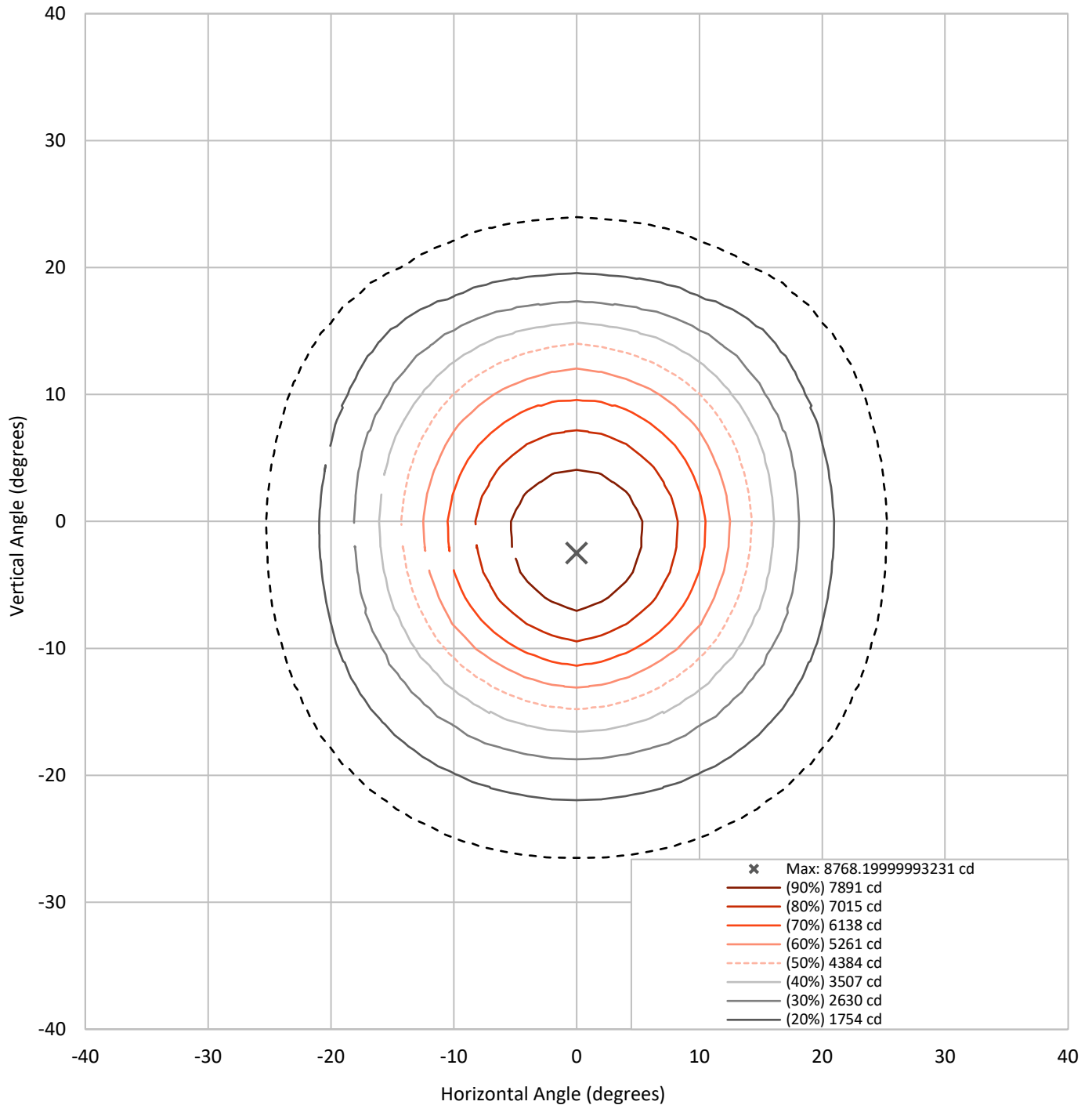
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	2486.9 lumens	Max Intensity:	8768.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	137.4 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	1243.5 lumens	Field Lumens:	2136.7 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%

Input Watts (W): 18.1  
 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: P626544 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1A-730-U-MR-VSR-XX

### Iso-Candela Plot





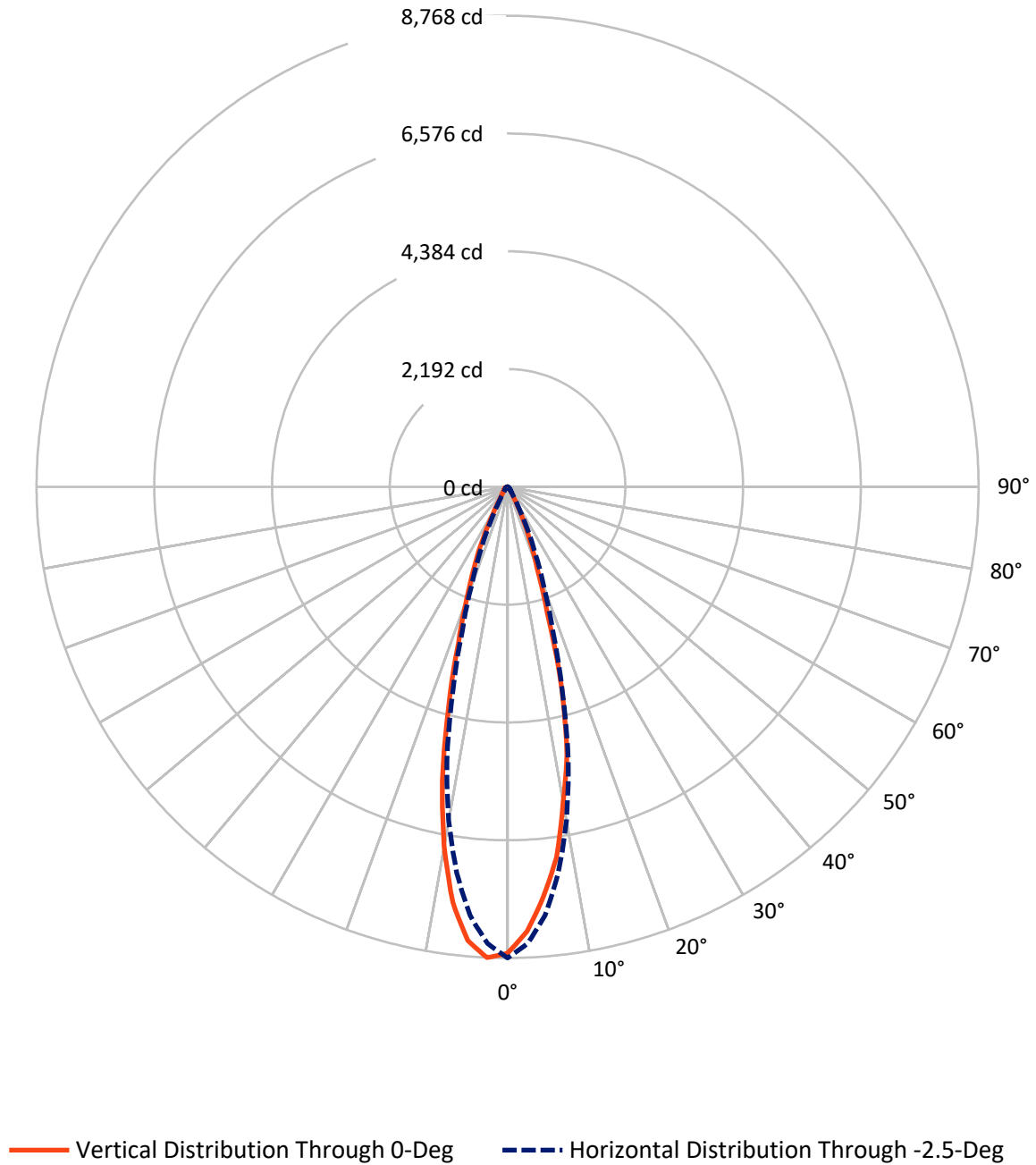
REPORT NUMBER: P626544 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-730-U-MR-VSR-XX

### 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
60		0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.4	0.3	0.2	0.1	0.0	0.0				
50	0.0	0.0	0.1	0.3	0.5	0.8	1.1	1.3	1.3	1.1	0.8	0.5	0.3	0.1	0.0	0.0			
40		0.0	0.2	0.5	1.0	1.6	2.7	3.6	3.6	2.7	1.6	1.0	0.5	0.2	0.0				
30	0.0	0.1	0.3	0.8	1.5	3.8	11.8	21.6	21.6	11.8	3.8	1.5	0.8	0.3	0.1	0.0			
20		0.1	0.5	1.1	2.6	13.0	52.7	103.1	103.1	52.7	13.0	2.6	1.1	0.5	0.1				
10	0.0	0.2	0.6	1.3	3.8	24.7	106.3	208.4	208.4	106.3	24.7	3.8	1.3	0.6	0.2	0.0			
0		0.2	0.6	1.4	4.1	25.9	109.1	221.0	221.0	109.1	25.9	4.1	1.4	0.6	0.2				
-10	0.0	0.2	0.6	1.4	3.3	15.9	60.3	117.0	117.0	60.3	15.9	3.3	1.4	0.6	0.2	0.0			
-20		0.2	0.6	1.2	2.4	6.2	18.7	33.3	33.3	18.7	6.2	2.4	1.2	0.6	0.2				
-30	0.0	0.2	0.5	1.1	1.9	3.0	5.0	6.6	6.6	5.0	3.0	1.9	1.1	0.5	0.2	0.0			
-40		0.1	0.4	0.9	1.5	2.1	2.8	3.1	3.1	2.8	2.1	1.5	0.9	0.4	0.1				
-50	0.0	0.1	0.3	0.7	1.1	1.6	2.0	2.2	2.2	2.0	1.6	1.1	0.7	0.3	0.1	0.0			
-60		0.1	0.2	0.5	0.8	1.1	1.4	1.5	1.5	1.4	1.1	0.8	0.5	0.2	0.1				
-70	0.0	0.1	0.3	0.7	1.1	1.6	2.0	2.2	2.2	2.0	1.6	1.1	0.7	0.3	0.1	0.0			
-80		0.1	0.2	0.5	0.8	1.1	1.4	1.5	1.5	1.4	1.1	0.8	0.5	0.2	0.1				
-90	0.0	0.2	0.7	1.6	2.0	1.6	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

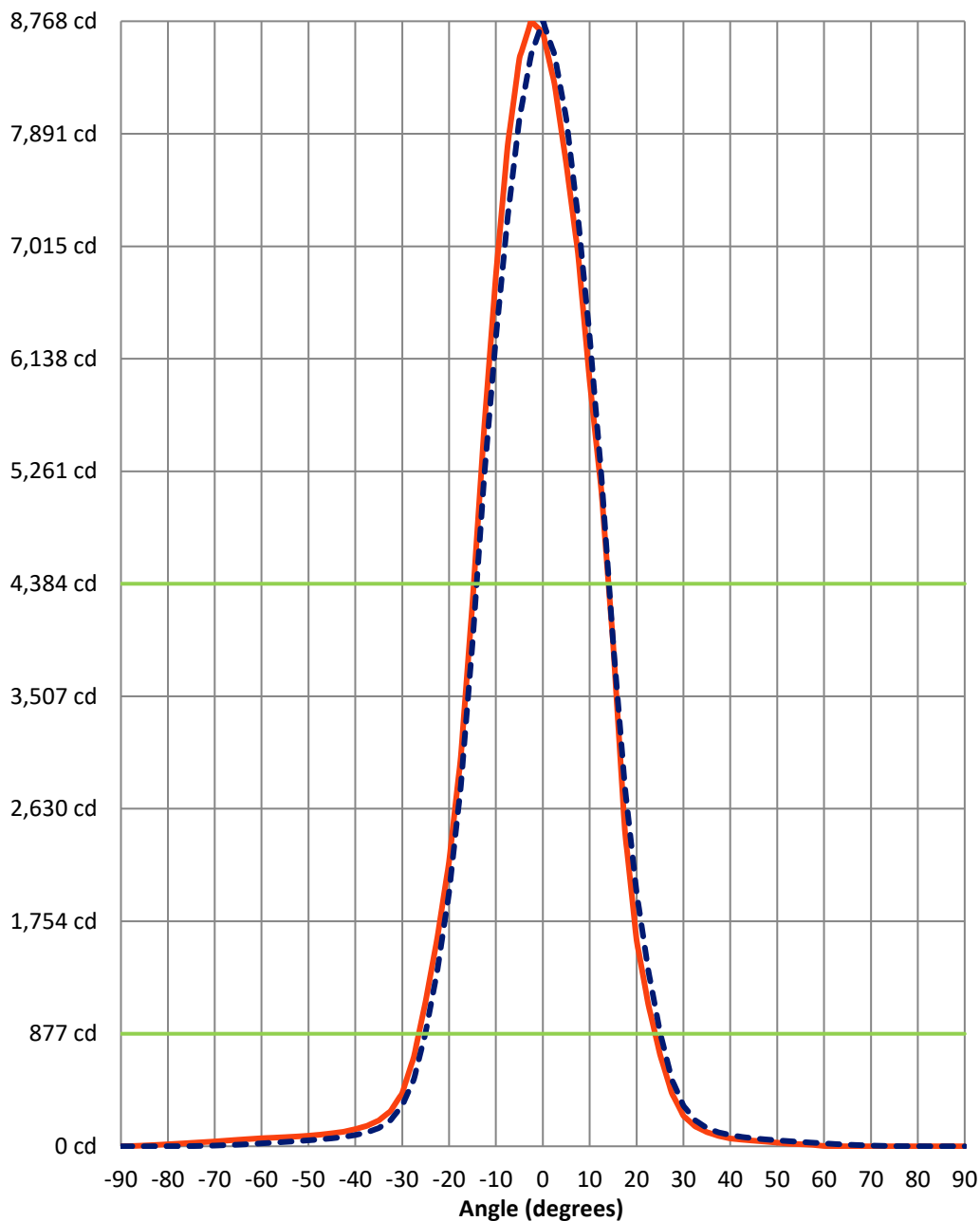
REPORT NUMBER: P626544 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1A-730-U-MR-VSR-XX

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 1243.5  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 2136.7  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 350.2  
 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	0
60°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	1	0	0
47.5°	0	0	0	0	0	0	0	0	1	0	1
45°	0	0	0	0	0	0	0	1	1	1	1
42.5°	0	0	0	0	0	0	0	1	1	1	1
40°	0	0	0	0	0	0	0	1	1	1	1
37.5°	0	0	0	0	0	0	1	1	1	1	2
35°	0	0	0	0	0	0	1	1	1	1	2
32.5°	0	0	0	0	0	1	1	1	1	2	3
30°	0	0	0	0	0	1	1	1	1	2	4
27.5°	0	0	0	0	0	1	1	1	2	3	4
25°	0	0	0	0	0	1	1	1	2	3	5
22.5°	0	0	0	0	0	1	1	1	2	4	6
20°	0	0	0	0	0	1	1	1	3	5	7
17.5°	0	0	0	0	0	1	1	2	3	5	8
15°	0	0	0	0	1	1	1	2	3	6	9
12.5°	0	0	0	0	1	1	1	2	4	6	9
10°	0	0	0	0	1	1	1	2	4	7	10
7.5°	0	0	0	0	1	1	1	3	4	8	11
5°	0	0	0	0	1	1	1	3	5	8	11
2.5°	0	0	0	0	1	1	1	3	5	8	12
0°	0	0	0	0	1	1	1	3	5	9	12
-2.5°	0	0	0	0	1	1	1	3	5	9	12
-5°	0	0	0	0	1	1	2	3	6	9	13
-7.5°	0	0	0	0	1	1	2	3	6	10	13
-10°	0	0	0	0	1	1	2	4	7	10	13
-12.5°	0	0	0	0	1	1	2	4	7	10	13
-15°	0	0	0	0	1	1	2	4	7	10	14
-17.5°	0	0	0	0	1	1	2	4	7	10	14
-20°	0	0	0	0	1	1	2	4	7	10	14

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REPORT NUMBER: P626544 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-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	0	1	1	2	4	6	10	14
-25°	0	0	0	0	1	1	2	4	6	10	13
-27.5°	0	0	0	0	1	1	2	4	6	9	13
-30°	0	0	0	0	1	1	2	4	6	9	13
-32.5°	0	0	0	0	1	1	2	4	6	9	12
-35°	0	0	0	0	1	1	2	4	6	8	11
-37.5°	0	0	0	0	1	1	2	4	6	8	11
-40°	0	0	0	0	1	1	2	4	6	8	11
-42.5°	0	0	0	0	1	1	2	4	5	8	10
-45°	0	0	0	0	1	1	2	3	5	7	10
-47.5°	0	0	0	0	1	1	2	3	5	7	9
-50°	0	0	0	0	1	1	2	3	5	6	9
-52.5°	0	0	0	0	1	1	2	3	4	6	8
-55°	0	0	0	0	1	1	2	3	4	6	7
-57.5°	0	0	0	0	0	1	2	2	4	5	7
-60°	0	0	0	0	0	1	1	2	3	5	6
-62.5°	0	0	0	0	0	1	1	2	3	4	5
-65°	0	0	0	0	0	1	1	2	3	4	5
-67.5°	0	0	0	0	0	1	1	2	2	3	4
-70°	0	0	0	0	0	1	1	1	2	3	4
-72.5°	0	0	0	0	0	1	1	1	2	2	3
-75°	0	0	0	0	0	1	1	1	1	2	2
-77.5°	0	0	0	0	0	0	1	1	1	1	2
-80°	0	0	0	0	0	0	1	1	1	1	1
-82.5°	0	0	0	0	0	0	0	1	1	1	1
-85°	0	0	0	0	0	0	0	0	0	0	1
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P626544 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-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	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	1	1	1
57.5°	0	0	0	0	0	1	1	1	2	3	3
55°	0	0	0	1	1	1	2	3	4	5	6
52.5°	0	1	1	1	2	2	4	5	6	7	8
50°	1	1	1	2	3	4	6	7	9	10	11
47.5°	1	1	2	3	4	6	8	10	11	13	15
45°	1	2	3	4	6	9	11	12	14	17	19
42.5°	1	3	4	5	8	11	13	15	17	20	22
40°	2	3	5	8	11	13	16	18	20	23	26
37.5°	3	5	7	10	13	16	18	21	24	27	30
35°	4	6	9	12	15	18	21	24	28	31	35
32.5°	4	7	10	14	17	21	24	28	32	36	40
30°	6	9	12	15	19	23	27	31	35	40	44
27.5°	7	10	13	17	21	25	30	35	39	43	48
25°	8	11	15	19	23	27	33	37	42	47	53
22.5°	9	12	17	20	25	30	36	41	46	51	58
20°	10	14	18	22	26	33	38	44	50	56	64
17.5°	11	15	20	24	29	35	41	47	54	62	72
15°	12	17	21	26	31	37	44	51	58	67	79
12.5°	13	18	23	28	33	39	46	53	62	73	87
10°	14	19	24	29	35	41	48	56	65	77	93
7.5°	15	20	25	31	36	43	50	58	68	80	98
5°	16	21	26	32	37	44	51	59	70	83	102
2.5°	16	21	27	32	38	45	52	61	71	85	106
0°	17	22	28	33	39	46	53	61	72	87	108
-2.5°	17	23	28	34	40	46	54	62	73	88	108
-5°	18	23	29	34	40	47	54	62	73	88	108
-7.5°	18	24	29	35	41	47	54	62	73	88	108
-10°	18	24	29	35	41	47	54	62	73	87	107
-12.5°	18	24	30	35	41	47	54	62	72	85	103
-15°	19	24	30	35	41	47	54	61	70	83	99
-17.5°	19	24	29	35	41	47	53	60	69	81	96
-20°	19	24	29	34	40	47	52	59	67	78	91

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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°	18	24	29	34	40	46	52	58	66	74	86
-25°	18	23	28	33	39	45	51	56	64	72	82
-27.5°	18	23	28	33	38	43	49	55	62	69	78
-30°	17	22	27	32	37	42	48	53	59	66	75
-32.5°	16	22	26	31	36	41	46	51	57	63	71
-35°	16	21	25	30	35	40	44	49	55	61	67
-37.5°	15	20	24	29	33	38	43	47	52	58	63
-40°	14	18	23	27	32	37	41	45	49	55	60
-42.5°	14	18	22	26	30	35	39	43	47	52	57
-45°	13	17	21	25	29	33	37	41	45	50	54
-47.5°	13	16	20	23	27	31	35	39	43	47	51
-50°	12	15	18	22	26	29	33	37	41	45	49
-52.5°	11	14	17	20	24	27	31	35	38	42	46
-55°	10	13	16	19	22	25	29	32	36	39	42
-57.5°	9	11	14	17	20	23	26	30	33	36	40
-60°	8	10	12	15	18	21	24	27	30	33	36
-62.5°	7	9	11	13	16	19	21	24	27	30	32
-65°	6	8	9	11	14	16	18	21	24	26	28
-67.5°	5	7	8	10	12	13	16	18	20	22	24
-70°	5	5	7	8	9	11	13	15	17	18	20
-72.5°	4	5	5	6	8	9	11	12	14	15	17
-75°	3	4	4	5	6	7	9	10	11	12	14
-77.5°	2	3	4	4	5	6	7	8	9	10	11
-80°	2	2	3	3	4	4	5	6	6	7	8
-82.5°	1	2	2	2	3	3	3	4	4	5	5
-85°	1	1	1	1	1	2	2	2	2	3	3
-87.5°	0	0	1	1	1	1	1	1	1	1	1
-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	1	1	1	1	1	1	1	1
60°	1	1	2	3	2	2	3	3	3	3	3
57.5°	4	5	6	6	7	8	8	8	8	8	9
55°	7	8	8	9	10	11	12	13	13	14	15
52.5°	9	11	11	13	14	15	15	17	18	19	20
50°	13	14	16	17	19	20	21	23	25	27	28
47.5°	17	19	21	23	25	26	27	29	32	34	36
45°	21	23	25	27	29	31	33	36	38	41	42
42.5°	24	27	29	32	33	36	39	42	45	48	50
40°	28	31	34	37	39	42	46	50	54	57	60
37.5°	33	37	41	44	47	50	56	62	67	72	75
35°	39	43	48	52	56	63	70	78	87	93	99
32.5°	44	49	54	60	66	76	85	98	111	123	135
30°	49	55	61	68	78	92	107	127	149	171	196
27.5°	54	60	67	78	95	113	142	173	218	255	313
25°	60	67	76	94	117	149	198	255	348	428	518
22.5°	67	77	91	113	151	208	286	409	552	686	813
20°	75	89	113	148	202	291	437	624	824	1019	1208
17.5°	86	108	142	192	269	455	674	941	1282	1539	1783
15°	96	124	175	256	401	641	946	1355	1815	2202	2640
12.5°	108	142	203	308	515	833	1221	1709	2254	2841	3527
10°	118	160	239	383	635	1004	1440	2012	2712	3543	4409
7.5°	126	175	269	440	735	1145	1664	2360	3246	4218	5206
5°	132	187	292	484	821	1259	1828	2636	3646	4761	5743
2.5°	137	195	308	511	879	1337	1940	2782	3890	5115	6147
0°	141	200	316	531	905	1374	1992	2842	4005	5289	6350
-2.5°	142	203	317	524	889	1371	1980	2805	3926	5220	6307
-5°	143	202	309	510	860	1322	1900	2667	3684	4898	6000
-7.5°	142	196	293	476	795	1235	1790	2463	3297	4367	5505
-10°	138	187	271	429	705	1100	1618	2186	2852	3726	4649
-12.5°	131	173	240	360	600	946	1405	1908	2427	3001	3760
-15°	123	158	216	318	502	785	1157	1581	2012	2452	2915
-17.5°	116	146	190	262	386	614	911	1253	1602	1951	2263
-20°	108	131	166	221	311	447	670	935	1197	1481	1720

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Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P626544 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-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°	101	120	146	181	242	337	465	651	850	1057	1253
-25°	95	109	130	158	194	251	335	432	572	699	845
-27.5°	89	101	115	136	163	194	246	303	376	437	534
-30°	83	93	105	118	138	162	189	224	260	296	342
-32.5°	78	86	96	106	119	136	154	176	195	217	239
-35°	73	81	88	97	106	118	131	145	158	171	183
-37.5°	69	75	82	88	96	104	114	125	133	142	149
-40°	65	70	76	82	88	94	102	110	116	121	126
-42.5°	62	67	71	76	81	87	93	99	103	106	110
-45°	59	63	67	71	75	80	85	90	93	96	98
-47.5°	56	59	63	66	70	74	79	82	85	87	89
-50°	52	56	59	62	65	69	73	76	78	80	81
-52.5°	49	52	56	59	62	64	67	70	73	75	76
-55°	46	49	52	55	58	60	63	65	68	70	70
-57.5°	43	46	49	51	54	56	59	61	63	65	66
-60°	39	43	45	48	50	52	54	57	59	61	61
-62.5°	35	38	41	43	45	47	49	51	53	54	55
-65°	30	33	35	37	39	41	43	45	46	48	48
-67.5°	26	28	30	32	34	36	37	39	40	41	42
-70°	22	24	25	27	29	31	32	33	35	36	36
-72.5°	18	20	21	23	24	26	27	28	29	30	31
-75°	15	16	17	19	20	21	22	23	24	25	25
-77.5°	12	13	14	15	16	17	17	18	19	20	20
-80°	9	9	10	11	12	12	13	14	14	15	15
-82.5°	6	6	7	8	8	9	9	9	10	10	10
-85°	3	4	4	5	5	5	5	6	6	6	6
-87.5°	1	2	2	2	2	2	2	2	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626544 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-730-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	0
62.5°	1	1	1	1	1	1	1	1	1	1	1
60°	2	2	2	2	2	2	2	3	3	3	3
57.5°	10	11	11	12	11	11	10	9	8	8	8
55°	16	16	16	16	16	16	16	15	14	13	13
52.5°	20	20	20	20	20	20	20	20	19	18	17
50°	28	28	28	28	28	28	28	28	27	25	23
47.5°	36	37	37	36	37	37	36	36	34	32	29
45°	43	44	44	44	44	44	43	42	41	38	36
42.5°	51	51	51	51	51	51	51	50	48	45	42
40°	61	61	61	61	61	61	61	60	57	54	50
37.5°	77	79	79	81	79	79	77	75	72	67	62
35°	104	107	108	110	108	107	104	99	93	87	78
32.5°	143	149	152	155	152	149	143	135	123	111	98
30°	213	224	229	237	229	224	213	196	171	149	127
27.5°	356	383	394	416	394	383	356	313	255	218	173
25°	600	659	691	716	691	659	600	518	428	348	255
22.5°	941	1027	1072	1106	1072	1027	941	813	686	552	409
20°	1379	1491	1558	1607	1558	1491	1379	1208	1019	824	624
17.5°	2095	2272	2376	2465	2376	2272	2095	1783	1539	1282	941
15°	3128	3483	3760	3914	3760	3483	3128	2640	2202	1815	1355
12.5°	4133	4653	4963	5105	4963	4653	4133	3527	2841	2254	1709
10°	5126	5617	5912	5964	5912	5617	5126	4409	3543	2712	2012
7.5°	5887	6427	6818	6960	6818	6427	5887	5206	4218	3246	2360
5°	6559	7191	7605	7657	7605	7191	6559	5743	4761	3646	2636
2.5°	7053	7740	8142	8280	8142	7740	7053	6147	5115	3890	2782
0°	7292	8032	8479	8680	8479	8032	7292	6350	5289	4005	2842
-2.5°	7242	8007	8506	8768	8506	8007	7242	6307	5220	3926	2805
-5°	6966	7734	8199	8478	8199	7734	6966	6000	4898	3684	2667
-7.5°	6331	7050	7544	7801	7544	7050	6331	5505	4367	3297	2463
-10°	5513	6121	6572	6791	6572	6121	5513	4649	3726	2852	2186
-12.5°	4450	5039	5446	5601	5446	5039	4450	3760	3001	2427	1908
-15°	3409	3859	4148	4240	4148	3859	3409	2915	2452	2012	1581
-17.5°	2586	2828	2990	3034	2990	2828	2586	2263	1951	1602	1253
-20°	1937	2087	2193	2218	2193	2087	1937	1720	1481	1197	935

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REPORT NUMBER: P626544 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-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°	1411	1524	1609	1626	1609	1524	1411	1253	1057	850	651
-25°	974	1068	1126	1130	1126	1068	974	845	699	572	432
-27.5°	610	662	689	698	689	662	610	534	437	376	303
-30°	377	401	414	414	414	401	377	342	296	260	224
-32.5°	256	268	274	274	274	268	256	239	217	195	176
-35°	192	198	201	202	201	198	192	183	171	158	145
-37.5°	154	158	159	160	159	158	154	149	142	133	125
-40°	129	131	133	134	133	131	129	126	121	116	110
-42.5°	112	113	114	113	114	113	112	110	106	103	99
-45°	99	100	101	101	101	100	99	98	96	93	90
-47.5°	90	90	90	91	90	90	90	89	87	85	82
-50°	82	82	83	82	83	82	82	81	80	78	76
-52.5°	76	76	76	76	76	76	76	76	75	73	70
-55°	71	71	71	71	71	71	71	70	70	68	65
-57.5°	67	67	67	67	67	67	67	66	65	63	61
-60°	62	63	63	63	63	63	62	61	61	59	57
-62.5°	56	57	57	57	57	57	56	55	54	53	51
-65°	49	49	50	51	50	49	49	48	48	46	45
-67.5°	42	43	44	44	44	43	42	42	41	40	39
-70°	37	37	37	38	37	37	37	36	36	35	33
-72.5°	31	32	32	32	32	32	31	31	30	29	28
-75°	26	26	26	27	26	26	26	25	25	24	23
-77.5°	20	21	21	21	21	21	20	20	20	19	18
-80°	16	16	16	16	16	16	16	15	15	14	14
-82.5°	11	11	11	11	11	11	11	10	10	10	9
-85°	6	7	6	6	6	7	6	6	6	6	6
-87.5°	3	3	2	2	2	3	3	2	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626544 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-730-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°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	0	0	0	0	0	0	0
60°	3	2	2	3	2	1	1	1	1	1	0
57.5°	8	8	7	6	6	5	4	3	3	2	1
55°	12	11	10	9	8	8	7	6	5	4	3
52.5°	15	15	14	13	11	11	9	8	7	6	5
50°	21	20	19	17	16	14	13	11	10	9	7
47.5°	27	26	25	23	21	19	17	15	13	11	10
45°	33	31	29	27	25	23	21	19	17	14	12
42.5°	39	36	33	32	29	27	24	22	20	17	15
40°	46	42	39	37	34	31	28	26	23	20	18
37.5°	56	50	47	44	41	37	33	30	27	24	21
35°	70	63	56	52	48	43	39	35	31	28	24
32.5°	85	76	66	60	54	49	44	40	36	32	28
30°	107	92	78	68	61	55	49	44	40	35	31
27.5°	142	113	95	78	67	60	54	48	43	39	35
25°	198	149	117	94	76	67	60	53	47	42	37
22.5°	286	208	151	113	91	77	67	58	51	46	41
20°	437	291	202	148	113	89	75	64	56	50	44
17.5°	674	455	269	192	142	108	86	72	62	54	47
15°	946	641	401	256	175	124	96	79	67	58	51
12.5°	1221	833	515	308	203	142	108	87	73	62	53
10°	1440	1004	635	383	239	160	118	93	77	65	56
7.5°	1664	1145	735	440	269	175	126	98	80	68	58
5°	1828	1259	821	484	292	187	132	102	83	70	59
2.5°	1940	1337	879	511	308	195	137	106	85	71	61
0°	1992	1374	905	531	316	200	141	108	87	72	61
-2.5°	1980	1371	889	524	317	203	142	108	88	73	62
-5°	1900	1322	860	510	309	202	143	108	88	73	62
-7.5°	1790	1235	795	476	293	196	142	108	88	73	62
-10°	1618	1100	705	429	271	187	138	107	87	73	62
-12.5°	1405	946	600	360	240	173	131	103	85	72	62
-15°	1157	785	502	318	216	158	123	99	83	70	61
-17.5°	911	614	386	262	190	146	116	96	81	69	60
-20°	670	447	311	221	166	131	108	91	78	67	59

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Cooper Lighting Solutions Photometric Lab  
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REPORT NUMBER: P626544 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-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°	465	337	242	181	146	120	101	86	74	66	58
-25°	335	251	194	158	130	109	95	82	72	64	56
-27.5°	246	194	163	136	115	101	89	78	69	62	55
-30°	189	162	138	118	105	93	83	75	66	59	53
-32.5°	154	136	119	106	96	86	78	71	63	57	51
-35°	131	118	106	97	88	81	73	67	61	55	49
-37.5°	114	104	96	88	82	75	69	63	58	52	47
-40°	102	94	88	82	76	70	65	60	55	49	45
-42.5°	93	87	81	76	71	67	62	57	52	47	43
-45°	85	80	75	71	67	63	59	54	50	45	41
-47.5°	79	74	70	66	63	59	56	51	47	43	39
-50°	73	69	65	62	59	56	52	49	45	41	37
-52.5°	67	64	62	59	56	52	49	46	42	38	35
-55°	63	60	58	55	52	49	46	42	39	36	32
-57.5°	59	56	54	51	49	46	43	40	36	33	30
-60°	54	52	50	48	45	43	39	36	33	30	27
-62.5°	49	47	45	43	41	38	35	32	30	27	24
-65°	43	41	39	37	35	33	30	28	26	24	21
-67.5°	37	36	34	32	30	28	26	24	22	20	18
-70°	32	31	29	27	25	24	22	20	18	17	15
-72.5°	27	26	24	23	21	20	18	17	15	14	12
-75°	22	21	20	19	17	16	15	14	12	11	10
-77.5°	17	17	16	15	14	13	12	11	10	9	8
-80°	13	12	12	11	10	9	9	8	7	6	6
-82.5°	9	9	8	8	7	6	6	5	5	4	4
-85°	5	5	5	5	4	4	3	3	3	2	2
-87.5°	2	2	2	2	2	2	1	1	1	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P626544 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-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°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
57.5°	1	1	0	0	0	0	0	0	0	0	0
55°	2	1	1	1	0	0	0	0	0	0	0
52.5°	4	2	2	1	1	1	0	0	0	0	0
50°	6	4	3	2	1	1	1	0	0	1	0
47.5°	8	6	4	3	2	1	1	1	0	1	0
45°	11	9	6	4	3	2	1	1	1	1	1
42.5°	13	11	8	5	4	3	1	1	1	1	1
40°	16	13	11	8	5	3	2	1	1	1	1
37.5°	18	16	13	10	7	5	3	2	1	1	1
35°	21	18	15	12	9	6	4	2	1	1	1
32.5°	24	21	17	14	10	7	4	3	2	1	1
30°	27	23	19	15	12	9	6	4	2	1	1
27.5°	30	25	21	17	13	10	7	4	3	2	1
25°	33	27	23	19	15	11	8	5	3	2	1
22.5°	36	30	25	20	17	12	9	6	4	2	1
20°	38	33	26	22	18	14	10	7	5	3	1
17.5°	41	35	29	24	20	15	11	8	5	3	2
15°	44	37	31	26	21	17	12	9	6	3	2
12.5°	46	39	33	28	23	18	13	9	6	4	2
10°	48	41	35	29	24	19	14	10	7	4	2
7.5°	50	43	36	31	25	20	15	11	8	4	3
5°	51	44	37	32	26	21	16	11	8	5	3
2.5°	52	45	38	32	27	21	16	12	8	5	3
0°	53	46	39	33	28	22	17	12	9	5	3
-2.5°	54	46	40	34	28	23	17	12	9	5	3
-5°	54	47	40	34	29	23	18	13	9	6	3
-7.5°	54	47	41	35	29	24	18	13	10	6	3
-10°	54	47	41	35	29	24	18	13	10	7	4
-12.5°	54	47	41	35	30	24	18	13	10	7	4
-15°	54	47	41	35	30	24	19	14	10	7	4
-17.5°	53	47	41	35	29	24	19	14	10	7	4
-20°	52	47	40	34	29	24	19	14	10	7	4

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REPORT NUMBER: P626544 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-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°	52	46	40	34	29	24	18	14	10	6	4
-25°	51	45	39	33	28	23	18	13	10	6	4
-27.5°	49	43	38	33	28	23	18	13	9	6	4
-30°	48	42	37	32	27	22	17	13	9	6	4
-32.5°	46	41	36	31	26	22	16	12	9	6	4
-35°	44	40	35	30	25	21	16	11	8	6	4
-37.5°	43	38	33	29	24	20	15	11	8	6	4
-40°	41	37	32	27	23	18	14	11	8	6	4
-42.5°	39	35	30	26	22	18	14	10	8	5	4
-45°	37	33	29	25	21	17	13	10	7	5	3
-47.5°	35	31	27	23	20	16	13	9	7	5	3
-50°	33	29	26	22	18	15	12	9	6	5	3
-52.5°	31	27	24	20	17	14	11	8	6	4	3
-55°	29	25	22	19	16	13	10	7	6	4	3
-57.5°	26	23	20	17	14	11	9	7	5	4	2
-60°	24	21	18	15	12	10	8	6	5	3	2
-62.5°	21	19	16	13	11	9	7	5	4	3	2
-65°	18	16	14	11	9	8	6	5	4	3	2
-67.5°	16	13	12	10	8	7	5	4	3	2	2
-70°	13	11	9	8	7	5	5	4	3	2	1
-72.5°	11	9	8	6	5	5	4	3	2	2	1
-75°	9	7	6	5	4	4	3	2	2	1	1
-77.5°	7	6	5	4	4	3	2	2	1	1	1
-80°	5	4	4	3	3	2	2	1	1	1	1
-82.5°	3	3	3	2	2	2	1	1	1	1	1
-85°	2	2	1	1	1	1	1	1	0	0	0
-87.5°	1	1	1	1	1	0	0	0	0	0	0
-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: P626544 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-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°	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0
45°	0	0	0	0	0	0	0
42.5°	0	0	0	0	0	0	0
40°	0	0	0	0	0	0	0
37.5°	1	0	0	0	0	0	0
35°	1	0	0	0	0	0	0
32.5°	1	1	0	0	0	0	0
30°	1	1	0	0	0	0	0
27.5°	1	1	0	0	0	0	0
25°	1	1	0	0	0	0	0
22.5°	1	1	0	0	0	0	0
20°	1	1	0	0	0	0	0
17.5°	1	1	0	0	0	0	0
15°	1	1	1	0	0	0	0
12.5°	1	1	1	0	0	0	0
10°	1	1	1	0	0	0	0
7.5°	1	1	1	0	0	0	0
5°	1	1	1	0	0	0	0
2.5°	1	1	1	0	0	0	0
0°	1	1	1	0	0	0	0
-2.5°	1	1	1	0	0	0	0
-5°	2	1	1	0	0	0	0
-7.5°	2	1	1	0	0	0	0
-10°	2	1	1	0	0	0	0
-12.5°	2	1	1	0	0	0	0
-15°	2	1	1	0	0	0	0
-17.5°	2	1	1	0	0	0	0
-20°	2	1	1	0	0	0	0

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REPORT NUMBER: P626544 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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