

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: P626814 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-750-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626814 (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-SA1E-750-U-MR-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR  
Light Source: (16) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7540.3 lumens  
Efficiency: N/A  
Efficacy: 113.9 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V  
Max Intensity: 26585.6 candela  
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V  
Beam Lumens: 3770.2 lumens  
Beam Efficiency: 50.0%

Field Angle (10%): 50.2°H x 50.4°V  
Field Lumens: 6478.5 lumens  
Field Efficiency: 85.9%

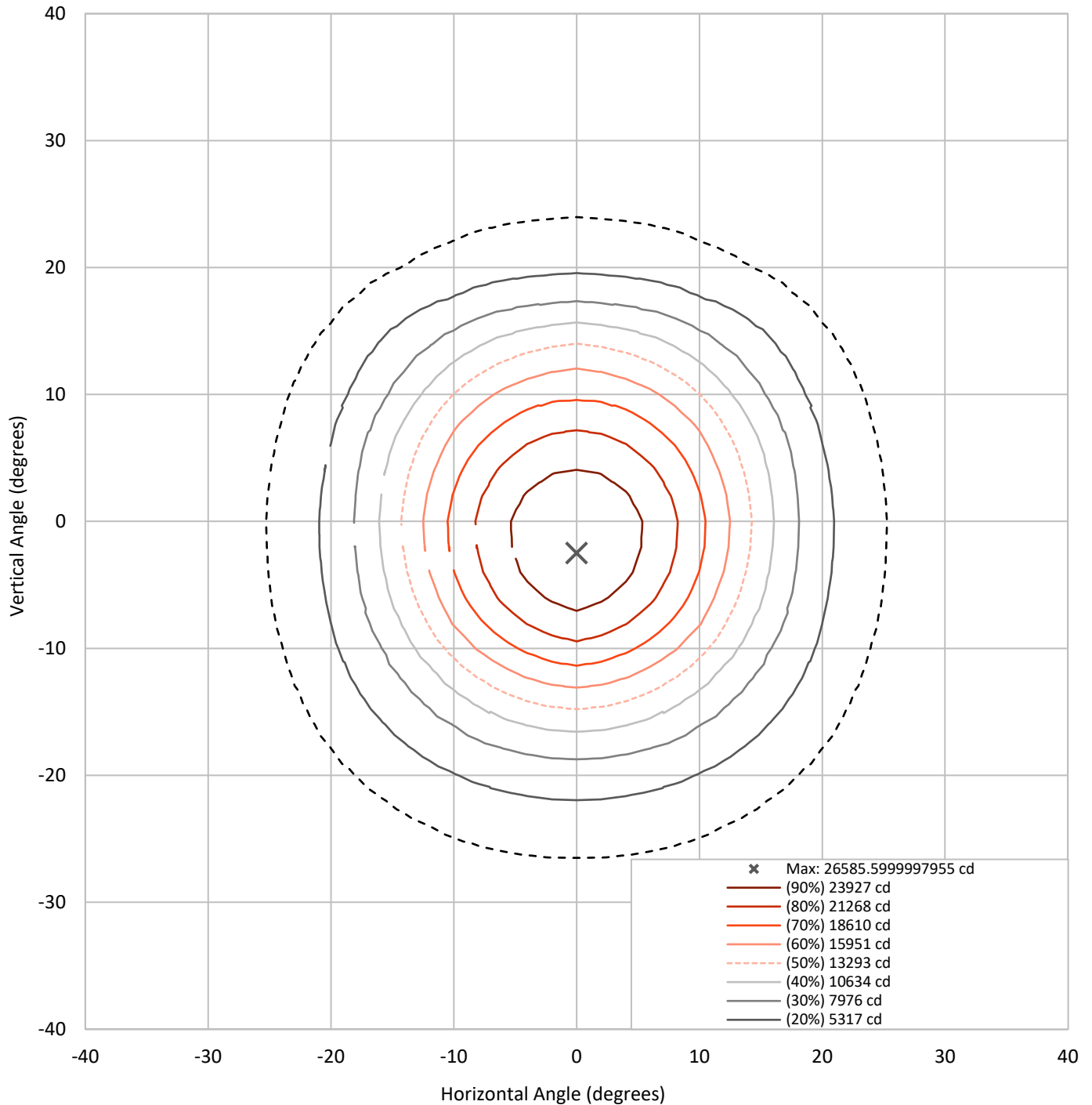
Input Watts (W): 66.2  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



REPORT NUMBER: P626814 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-U-MR-VSR-XX

### Iso-Candela Plot





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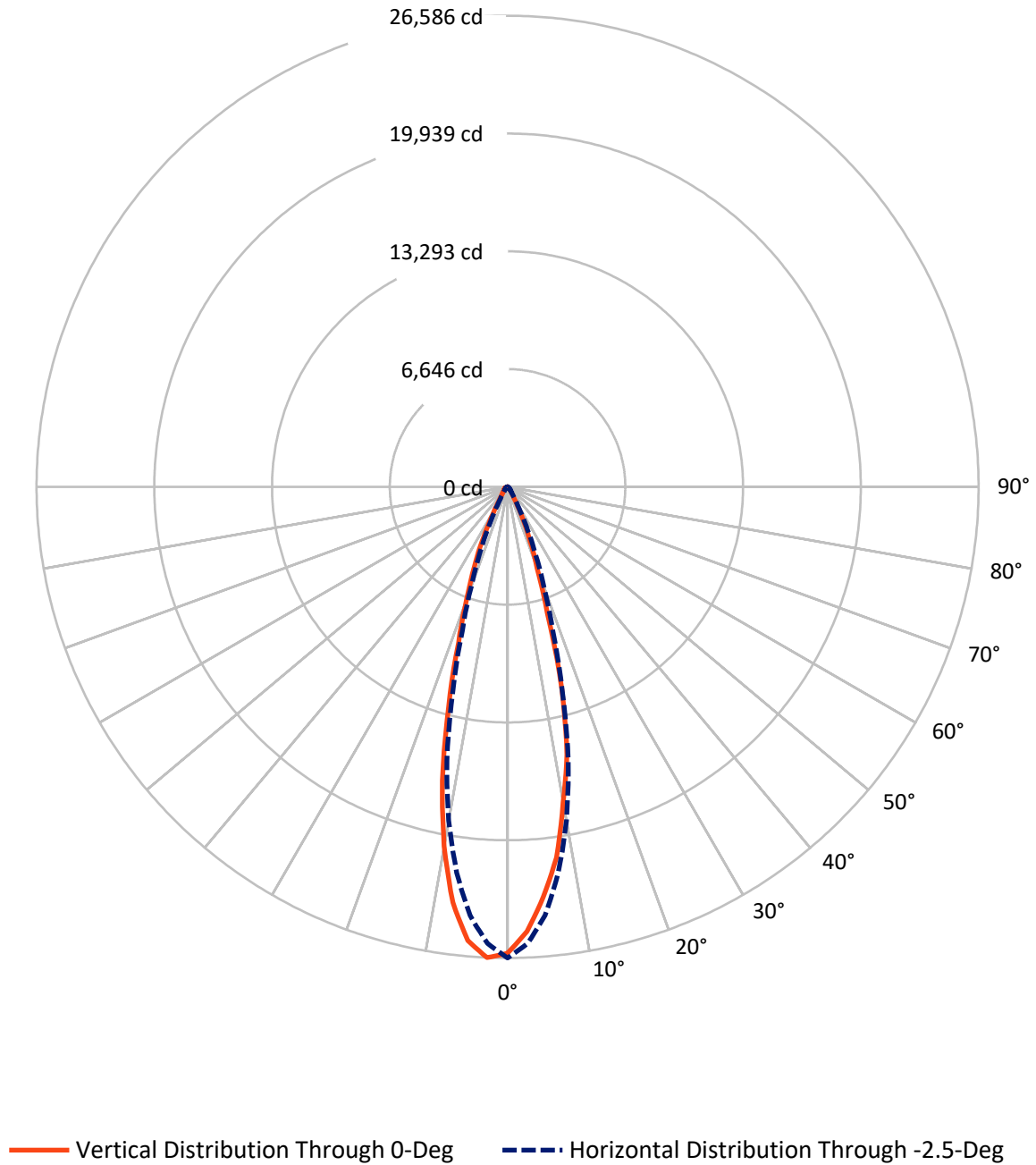
CATALOG NUMBER: GFLD-SA1E-750-U-MR-VSR-XX

### 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				
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	0.2	0.5	0.9	1.2	1.4	1.4	1.2	0.9	0.5	0.2	0.0		0.0			
40	0.0	0.0	0.3	0.8	1.6	2.4	3.4	4.0	4.0	3.4	2.4	1.6	0.8	0.3	0.0	0.0			
30		0.1	0.6	1.6	3.0	4.9	8.1	10.8	10.8	8.1	4.9	3.0	1.6	0.6	0.1				
20	0.1	0.2	1.0	2.5	4.7	11.4	35.8	65.6	65.6	35.8	11.4	4.7	2.5	1.0	0.2	0.1			
10		0.4	1.4	3.3	8.0	39.3	159.7	312.7	312.7	159.7	39.3	8.0	3.3	1.4	0.4				
0	0.1	0.5	1.7	4.0	11.5	74.9	322.4	632.0	632.0	322.4	74.9	11.5	4.0	1.7	0.5	0.1			
-10		0.5	1.9	4.2	12.3	78.4	330.8	670.1	670.1	330.8	78.4	12.3	4.2	1.9	0.5				
-20	0.1	0.6	1.9	4.1	10.1	48.2	183.0	354.6	354.6	183.0	48.2	10.1	4.1	1.9	0.6	0.1			
-30		0.6	1.8	3.8	7.4	18.7	56.7	101.1	101.1	56.7	18.7	7.4	3.8	1.8	0.6				
-40	0.1	0.5	1.6	3.3	5.6	9.2	15.1	20.2	20.2	15.1	9.2	5.6	3.3	1.6	0.5	0.1			
-50		0.4	1.3	2.7	4.4	6.4	8.4	9.4	9.4	8.4	6.4	4.4	2.7	1.3	0.4				
-60	0.1	0.3	1.0	2.1	3.5	4.8	6.0	6.6	6.6	6.0	4.8	3.5	2.1	1.0	0.3	0.1			
-70		0.2	0.6	1.4	2.3	3.3	4.1	4.6	4.6	4.1	3.3	2.3	1.4	0.6	0.2				
-80	0.0	0.5		2.2		4.8		6.1		4.8		2.2		0.5		0.0			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

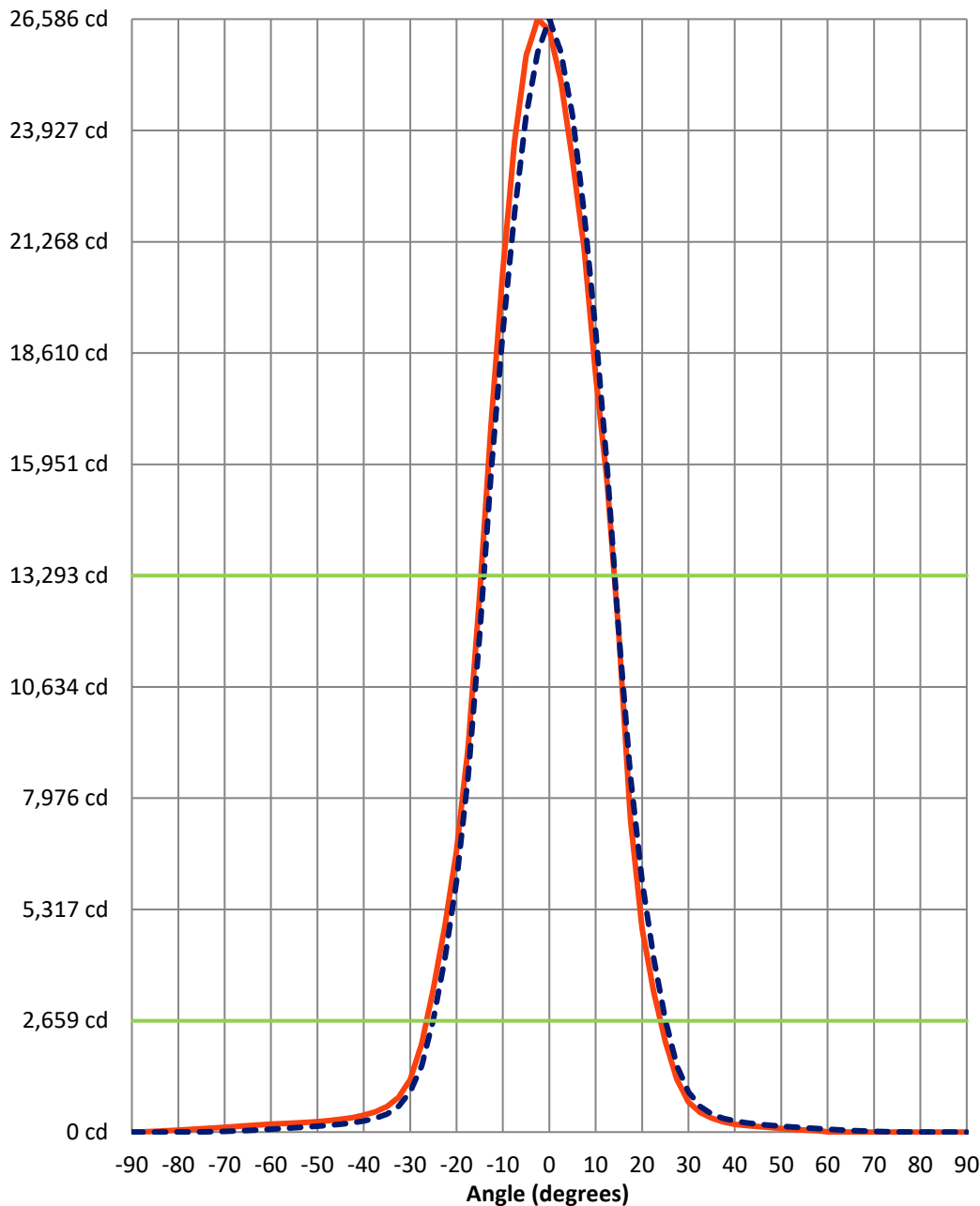
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 3770.2  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 6478.5  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 1061.8  
 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	1	1
55°	0	0	0	0	0	0	0	0	1	1	1
52.5°	0	0	0	0	0	0	0	0	1	1	1
50°	0	0	0	0	0	0	0	1	2	1	1
47.5°	0	0	0	0	0	0	1	1	2	1	1
45°	0	0	0	0	0	1	1	2	2	2	2
42.5°	0	0	0	0	0	1	1	2	2	2	3
40°	0	0	0	0	0	1	1	2	2	2	4
37.5°	0	0	0	0	0	1	2	2	2	2	6
35°	0	0	0	0	0	1	2	2	3	4	7
32.5°	0	0	0	0	1	1	2	2	3	6	9
30°	0	0	0	0	1	2	2	2	4	7	11
27.5°	0	0	0	0	1	2	2	2	5	8	13
25°	0	0	0	0	1	2	2	3	6	10	16
22.5°	0	0	0	0	1	2	2	4	7	12	19
20°	0	0	0	0	1	2	2	4	8	14	22
17.5°	0	0	0	0	1	2	2	5	9	16	24
15°	0	0	0	0	1	2	2	6	10	18	26
12.5°	0	0	0	0	2	2	2	7	11	19	29
10°	0	0	0	0	2	2	2	7	12	21	31
7.5°	0	0	0	0	2	2	3	8	13	23	32
5°	0	0	0	0	2	2	3	9	14	24	34
2.5°	0	0	0	0	2	2	3	9	14	26	36
0°	0	0	0	0	2	2	3	10	15	27	37
-2.5°	0	0	0	0	2	2	4	10	17	28	38
-5°	0	0	0	0	2	2	5	10	18	28	39
-7.5°	0	0	0	0	2	2	5	10	19	29	39
-10°	0	0	0	0	2	2	6	11	20	30	40
-12.5°	0	0	0	1	2	2	6	11	20	30	41
-15°	0	0	0	1	2	3	6	11	21	30	41
-17.5°	0	0	0	1	2	3	7	11	20	31	42
-20°	0	0	0	1	2	3	7	12	20	31	42

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REPORT NUMBER: P626814 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-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	1	2	3	7	12	20	30	41
-25°	0	0	0	1	2	3	7	12	19	30	40
-27.5°	0	0	0	1	2	3	7	13	18	29	39
-30°	0	0	0	1	2	3	7	13	18	28	38
-32.5°	0	0	0	1	2	3	7	12	18	27	37
-35°	0	0	0	1	2	3	7	12	18	26	35
-37.5°	0	0	0	1	2	3	7	12	18	25	34
-40°	0	0	0	0	2	4	7	11	17	24	33
-42.5°	0	0	0	0	2	4	7	11	16	23	32
-45°	0	0	0	0	2	4	6	11	16	22	30
-47.5°	0	0	0	0	2	4	6	10	15	21	29
-50°	0	0	0	0	2	4	6	10	14	20	27
-52.5°	0	0	0	0	2	3	6	9	13	18	24
-55°	0	0	0	0	2	3	5	8	12	17	23
-57.5°	0	0	0	0	1	3	5	7	11	16	21
-60°	0	0	0	0	1	3	4	7	10	14	19
-62.5°	0	0	0	0	1	3	4	6	9	12	17
-65°	0	0	0	0	1	2	4	5	8	11	14
-67.5°	0	0	0	0	1	2	3	5	7	10	13
-70°	0	0	0	0	1	2	3	4	6	8	11
-72.5°	0	0	0	0	1	2	3	4	5	7	9
-75°	0	0	0	0	1	2	2	3	4	6	7
-77.5°	0	0	0	0	1	1	2	3	3	4	5
-80°	0	0	0	0	1	1	2	2	3	3	4
-82.5°	0	0	0	0	0	1	1	2	2	2	3
-85°	0	0	0	0	0	1	1	1	1	1	1
-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: P626814 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-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	1
60°	0	0	0	0	0	1	1	1	2	2	3
57.5°	0	0	1	1	1	2	3	3	5	8	9
55°	1	1	1	1	2	4	5	8	11	15	18
52.5°	1	2	2	3	5	7	11	15	19	22	25
50°	2	2	2	5	8	12	17	23	27	30	35
47.5°	2	3	5	9	13	19	25	30	34	40	47
45°	3	5	8	13	18	26	32	37	43	50	57
42.5°	4	8	12	17	26	33	39	45	52	60	68
40°	7	10	16	24	33	40	47	54	62	71	79
37.5°	9	14	21	30	39	47	56	64	73	82	92
35°	11	18	26	36	45	55	64	74	85	95	106
32.5°	13	22	31	41	52	63	72	85	96	108	121
30°	17	26	36	47	58	69	82	95	107	120	134
27.5°	21	30	40	52	63	76	91	105	117	131	147
25°	24	34	45	57	69	83	100	114	127	142	161
22.5°	28	38	50	61	75	91	108	123	138	154	175
20°	31	42	55	67	80	98	116	133	151	170	195
17.5°	34	46	60	73	87	106	124	144	163	187	217
15°	37	50	64	78	94	113	133	154	176	204	239
12.5°	40	53	69	84	100	120	140	162	188	222	264
10°	43	57	73	88	106	125	146	169	197	233	283
7.5°	45	59	77	93	110	131	152	175	205	243	299
5°	47	62	80	96	114	135	156	180	211	251	311
2.5°	49	65	82	98	117	137	159	184	215	258	320
0°	50	67	84	100	119	139	161	186	218	264	326
-2.5°	52	69	86	102	121	141	163	188	220	266	328
-5°	53	71	87	104	123	142	164	189	222	267	329
-7.5°	54	72	88	105	124	143	164	189	223	266	328
-10°	55	73	89	106	125	144	164	189	222	263	323
-12.5°	56	73	90	107	125	144	164	188	218	258	313
-15°	56	73	90	106	125	144	163	185	214	252	299
-17.5°	56	73	89	106	124	143	161	182	209	244	290
-20°	56	73	88	104	123	141	159	180	205	236	277

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CATALOG NUMBER: GFLD-SA1E-750-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	56	72	87	102	120	139	157	176	199	226	262
-25°	55	71	86	101	118	135	153	171	193	219	250
-27.5°	54	70	84	99	115	132	149	167	187	210	237
-30°	52	68	82	97	112	128	144	162	180	202	226
-32.5°	49	65	80	94	109	125	139	156	174	192	214
-35°	47	62	77	91	106	120	134	149	166	184	202
-37.5°	46	59	74	87	101	116	129	143	158	175	192
-40°	44	56	70	83	96	111	124	136	150	167	183
-42.5°	42	54	67	79	92	105	118	130	143	158	174
-45°	40	51	63	75	88	99	112	124	137	150	165
-47.5°	38	49	60	71	83	95	106	118	131	143	156
-50°	35	46	56	66	77	89	101	111	123	135	148
-52.5°	33	42	52	61	72	83	94	105	115	126	138
-55°	29	38	47	56	66	76	87	98	109	118	129
-57.5°	27	34	43	51	60	69	79	90	100	110	120
-60°	24	30	38	46	54	63	71	81	91	100	110
-62.5°	21	27	33	40	48	56	64	73	82	90	98
-65°	19	23	28	35	41	48	56	64	72	79	85
-67.5°	16	20	24	29	35	41	47	54	61	68	73
-70°	14	16	20	24	29	34	39	45	50	56	61
-72.5°	12	14	17	19	23	28	32	36	41	46	51
-75°	9	11	13	16	19	22	26	30	34	37	41
-77.5°	7	9	11	12	15	17	20	23	26	29	33
-80°	5	7	8	10	11	13	15	17	19	21	24
-82.5°	3	5	6	7	8	9	10	11	13	14	16
-85°	2	2	3	4	4	5	6	6	7	8	9
-87.5°	1	1	2	2	2	2	2	2	3	3	4
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626814 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-750-U-MR-VSR-XX

**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	1	1	2	2	2	2	2	2	2	2
60°	4	4	6	8	7	6	8	9	9	8	8
57.5°	12	15	17	18	20	23	24	24	24	25	28
55°	21	23	24	28	31	34	37	39	41	43	45
52.5°	28	32	35	38	43	45	47	51	55	58	60
50°	40	44	48	53	57	61	65	69	75	81	84
47.5°	52	57	63	70	75	79	83	89	97	104	108
45°	64	70	77	83	89	94	101	109	116	123	128
42.5°	74	81	88	96	101	109	118	126	136	145	151
40°	86	93	104	111	118	127	140	152	163	174	181
37.5°	101	112	124	133	142	153	171	189	204	218	228
35°	118	131	146	156	169	190	213	238	263	283	301
32.5°	134	149	164	180	201	230	259	298	335	373	409
30°	149	166	184	205	238	278	325	386	452	518	594
27.5°	165	183	204	238	288	343	429	525	662	773	950
25°	181	202	231	285	354	451	601	773	1056	1299	1572
22.5°	202	233	275	342	457	632	866	1240	1675	2079	2465
20°	227	270	341	448	612	881	1326	1893	2498	3089	3661
17.5°	260	328	430	582	815	1381	2042	2852	3888	4667	5405
15°	291	377	531	776	1215	1943	2868	4108	5503	6676	8003
12.5°	327	430	616	934	1562	2525	3703	5182	6833	8614	10693
10°	358	486	724	1162	1924	3044	4365	6100	8221	10741	13369
7.5°	382	532	815	1334	2229	3471	5046	7157	9843	12788	15785
5°	401	567	886	1468	2489	3817	5543	7992	11054	14435	17414
2.5°	415	592	933	1550	2664	4053	5882	8436	11795	15510	18638
0°	427	608	959	1609	2745	4165	6040	8616	12143	16036	19254
-2.5°	431	616	960	1588	2696	4158	6003	8506	11903	15827	19123
-5°	432	612	936	1546	2608	4009	5762	8088	11171	14852	18192
-7.5°	429	595	887	1443	2411	3746	5427	7468	9995	13241	16693
-10°	417	567	821	1302	2139	3335	4904	6629	8648	11297	14095
-12.5°	397	524	729	1092	1820	2870	4260	5784	7358	9099	11400
-15°	372	480	654	964	1523	2381	3507	4794	6100	7434	8837
-17.5°	353	442	577	793	1170	1863	2763	3798	4858	5916	6862
-20°	329	397	502	671	944	1354	2031	2836	3628	4491	5216

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Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P626814 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-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°	307	365	444	550	734	1023	1409	1975	2577	3204	3799
-25°	287	331	393	478	588	760	1015	1311	1733	2119	2561
-27.5°	269	306	349	412	495	589	745	918	1140	1324	1619
-30°	253	282	317	358	419	491	575	679	788	896	1038
-32.5°	238	262	290	322	360	414	466	533	593	658	725
-35°	222	244	267	293	322	357	396	441	480	520	555
-37.5°	209	228	247	268	291	316	347	378	404	430	452
-40°	198	214	230	247	266	285	309	333	351	367	381
-42.5°	188	202	215	229	245	263	281	299	311	323	332
-45°	179	190	202	214	227	243	259	272	282	291	297
-47.5°	168	179	190	201	213	225	238	249	257	265	269
-50°	159	169	179	188	198	210	221	230	237	244	247
-52.5°	149	159	168	178	187	195	204	212	220	227	229
-55°	139	149	158	166	175	183	191	198	205	212	214
-57.5°	130	140	149	156	163	171	179	186	192	198	200
-60°	119	129	137	144	151	158	165	171	178	184	186
-62.5°	107	116	123	130	136	142	148	154	160	165	167
-65°	92	100	107	113	119	125	130	136	140	144	146
-67.5°	79	85	91	97	103	108	113	118	122	125	127
-70°	67	72	77	82	88	93	97	101	105	108	110
-72.5°	55	60	65	70	74	78	82	86	89	91	93
-75°	45	49	53	57	61	64	67	70	73	75	77
-77.5°	36	39	42	45	48	50	53	55	58	59	61
-80°	26	29	31	33	36	37	39	41	43	45	46
-82.5°	18	20	21	23	25	26	27	28	29	30	31
-85°	10	11	13	14	15	16	16	17	18	18	19
-87.5°	4	5	5	6	6	6	6	6	6	7	7
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626814 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-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°	2	2	2	2	2	2	2	2	2	2	2
60°	7	7	7	7	7	7	7	8	8	9	9
57.5°	31	33	35	35	35	33	31	28	25	24	24
55°	47	49	49	49	49	49	47	45	43	41	39
52.5°	61	62	61	60	61	62	61	60	58	55	51
50°	85	85	85	85	85	85	85	84	81	75	69
47.5°	110	111	111	111	111	111	110	108	104	97	89
45°	131	132	133	132	133	132	131	128	123	116	109
42.5°	154	155	155	156	155	155	154	151	145	136	126
40°	184	185	185	184	185	185	184	181	174	163	152
37.5°	235	238	240	244	240	238	235	228	218	204	189
35°	314	323	328	335	328	323	314	301	283	263	238
32.5°	434	452	461	470	461	452	434	409	373	335	298
30°	646	680	694	720	694	680	646	594	518	452	386
27.5°	1081	1163	1195	1262	1195	1163	1081	950	773	662	525
25°	1820	1997	2094	2171	2094	1997	1820	1572	1299	1056	773
22.5°	2854	3113	3251	3353	3251	3113	2854	2465	2079	1675	1240
20°	4180	4521	4725	4873	4725	4521	4180	3661	3089	2498	1893
17.5°	6353	6889	7203	7473	7203	6889	6353	5405	4667	3888	2852
15°	9484	10562	11400	11867	11400	10562	9484	8003	6676	5503	4108
12.5°	12530	14109	15047	15479	15047	14109	12530	10693	8614	6833	5182
10°	15543	17032	17924	18082	17924	17032	15543	13369	10741	8221	6100
7.5°	17849	19487	20673	21103	20673	19487	17849	15785	12788	9843	7157
5°	19886	21803	23058	23218	23058	21803	19886	17414	14435	11054	7992
2.5°	21385	23469	24686	25104	24686	23469	21385	18638	15510	11795	8436
0°	22109	24354	25708	26318	25708	24354	22109	19254	16036	12143	8616
-2.5°	21957	24279	25790	26586	25790	24279	21957	19123	15827	11903	8506
-5°	21122	23451	24860	25705	24860	23451	21122	18192	14852	11171	8088
-7.5°	19197	21374	22875	23654	22875	21374	19197	16693	13241	9995	7468
-10°	16716	18559	19927	20591	19927	18559	16716	14095	11297	8648	6629
-12.5°	13492	15280	16514	16984	16514	15280	13492	11400	9099	7358	5784
-15°	10338	11702	12578	12856	12578	11702	10338	8837	7434	6100	4794
-17.5°	7840	8574	9067	9200	9067	8574	7840	6862	5916	4858	3798
-20°	5873	6329	6648	6724	6648	6329	5873	5216	4491	3628	2836

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REPORT NUMBER: P626814 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-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°	4279	4622	4880	4931	4880	4622	4279	3799	3204	2577	1975
-25°	2952	3238	3413	3427	3413	3238	2952	2561	2119	1733	1311
-27.5°	1851	2008	2089	2118	2089	2008	1851	1619	1324	1140	918
-30°	1144	1216	1254	1256	1254	1216	1144	1038	896	788	679
-32.5°	776	811	830	830	830	811	776	725	658	593	533
-35°	582	600	610	611	610	600	582	555	520	480	441
-37.5°	468	478	483	484	483	478	468	452	430	404	378
-40°	391	398	402	405	402	398	391	381	367	351	333
-42.5°	338	343	345	343	345	343	338	332	323	311	299
-45°	301	304	306	306	306	304	301	297	291	282	272
-47.5°	272	273	274	275	274	273	272	269	265	257	249
-50°	249	250	250	249	250	250	249	247	244	237	230
-52.5°	230	230	231	231	231	230	230	229	227	220	212
-55°	215	215	216	216	216	215	215	214	212	205	198
-57.5°	202	203	203	203	203	203	202	200	198	192	186
-60°	188	190	191	191	191	190	188	186	184	178	171
-62.5°	170	171	172	172	172	171	170	167	165	160	154
-65°	148	150	152	154	152	150	148	146	144	140	136
-67.5°	129	130	132	134	132	130	129	127	125	122	118
-70°	112	113	114	114	114	113	112	110	108	105	101
-72.5°	95	97	97	97	97	97	95	93	91	89	86
-75°	79	80	80	80	80	80	79	77	75	73	70
-77.5°	62	63	64	64	64	63	62	61	59	58	55
-80°	47	48	48	47	48	48	47	46	45	43	41
-82.5°	32	33	33	32	33	33	32	31	30	29	28
-85°	19	20	19	18	19	20	19	19	18	18	17
-87.5°	8	8	8	7	8	8	8	7	7	6	6
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626814 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-750-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°	2	2	2	2	1	1	0	1	0	0	0
60°	8	6	7	8	6	4	4	3	2	2	1
57.5°	24	23	20	18	17	15	12	9	8	5	3
55°	37	34	31	28	24	23	21	18	15	11	8
52.5°	47	45	43	38	35	32	28	25	22	19	15
50°	65	61	57	53	48	44	40	35	30	27	23
47.5°	83	79	75	70	63	57	52	47	40	34	30
45°	101	94	89	83	77	70	64	57	50	43	37
42.5°	118	109	101	96	88	81	74	68	60	52	45
40°	140	127	118	111	104	93	86	79	71	62	54
37.5°	171	153	142	133	124	112	101	92	82	73	64
35°	213	190	169	156	146	131	118	106	95	85	74
32.5°	259	230	201	180	164	149	134	121	108	96	85
30°	325	278	238	205	184	166	149	134	120	107	95
27.5°	429	343	288	238	204	183	165	147	131	117	105
25°	601	451	354	285	231	202	181	161	142	127	114
22.5°	866	632	457	342	275	233	202	175	154	138	123
20°	1326	881	612	448	341	270	227	195	170	151	133
17.5°	2042	1381	815	582	430	328	260	217	187	163	144
15°	2868	1943	1215	776	531	377	291	239	204	176	154
12.5°	3703	2525	1562	934	616	430	327	264	222	188	162
10°	4365	3044	1924	1162	724	486	358	283	233	197	169
7.5°	5046	3471	2229	1334	815	532	382	299	243	205	175
5°	5543	3817	2489	1468	886	567	401	311	251	211	180
2.5°	5882	4053	2664	1550	933	592	415	320	258	215	184
0°	6040	4165	2745	1609	959	608	427	326	264	218	186
-2.5°	6003	4158	2696	1588	960	616	431	328	266	220	188
-5°	5762	4009	2608	1546	936	612	432	329	267	222	189
-7.5°	5427	3746	2411	1443	887	595	429	328	266	223	189
-10°	4904	3335	2139	1302	821	567	417	323	263	222	189
-12.5°	4260	2870	1820	1092	729	524	397	313	258	218	188
-15°	3507	2381	1523	964	654	480	372	299	252	214	185
-17.5°	2763	1863	1170	793	577	442	353	290	244	209	182
-20°	2031	1354	944	671	502	397	329	277	236	205	180

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REPORT NUMBER: P626814 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-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°	1409	1023	734	550	444	365	307	262	226	199	176
-25°	1015	760	588	478	393	331	287	250	219	193	171
-27.5°	745	589	495	412	349	306	269	237	210	187	167
-30°	575	491	419	358	317	282	253	226	202	180	162
-32.5°	466	414	360	322	290	262	238	214	192	174	156
-35°	396	357	322	293	267	244	222	202	184	166	149
-37.5°	347	316	291	268	247	228	209	192	175	158	143
-40°	309	285	266	247	230	214	198	183	167	150	136
-42.5°	281	263	245	229	215	202	188	174	158	143	130
-45°	259	243	227	214	202	190	179	165	150	137	124
-47.5°	238	225	213	201	190	179	168	156	143	131	118
-50°	221	210	198	188	179	169	159	148	135	123	111
-52.5°	204	195	187	178	168	159	149	138	126	115	105
-55°	191	183	175	166	158	149	139	129	118	109	98
-57.5°	179	171	163	156	149	140	130	120	110	100	90
-60°	165	158	151	144	137	129	119	110	100	91	81
-62.5°	148	142	136	130	123	116	107	98	90	82	73
-65°	130	125	119	113	107	100	92	85	79	72	64
-67.5°	113	108	103	97	91	85	79	73	68	61	54
-70°	97	93	88	82	77	72	67	61	56	50	45
-72.5°	82	78	74	70	65	60	55	51	46	41	36
-75°	67	64	61	57	53	49	45	41	37	34	30
-77.5°	53	50	48	45	42	39	36	33	29	26	23
-80°	39	37	36	33	31	29	26	24	21	19	17
-82.5°	27	26	25	23	21	20	18	16	14	13	11
-85°	16	16	15	14	13	11	10	9	8	7	6
-87.5°	6	6	6	6	5	5	4	4	3	3	2
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P626814 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1E-750-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°	1	1	0	0	0	0	0	0	0	0	0
57.5°	3	2	1	1	1	0	0	1	1	0	0
55°	5	4	2	1	1	1	1	1	1	1	0
52.5°	11	7	5	3	2	2	1	1	1	1	0
50°	17	12	8	5	2	2	2	1	1	2	1
47.5°	25	19	13	9	5	3	2	1	1	2	1
45°	32	26	18	13	8	5	3	2	2	2	2
42.5°	39	33	26	17	12	8	4	3	2	2	2
40°	47	40	33	24	16	10	7	4	2	2	2
37.5°	56	47	39	30	21	14	9	6	2	2	2
35°	64	55	45	36	26	18	11	7	4	3	2
32.5°	72	63	52	41	31	22	13	9	6	3	2
30°	82	69	58	47	36	26	17	11	7	4	2
27.5°	91	76	63	52	40	30	21	13	8	5	2
25°	100	83	69	57	45	34	24	16	10	6	3
22.5°	108	91	75	61	50	38	28	19	12	7	4
20°	116	98	80	67	55	42	31	22	14	8	4
17.5°	124	106	87	73	60	46	34	24	16	9	5
15°	133	113	94	78	64	50	37	26	18	10	6
12.5°	140	120	100	84	69	53	40	29	19	11	7
10°	146	125	106	88	73	57	43	31	21	12	7
7.5°	152	131	110	93	77	59	45	32	23	13	8
5°	156	135	114	96	80	62	47	34	24	14	9
2.5°	159	137	117	98	82	65	49	36	26	14	9
0°	161	139	119	100	84	67	50	37	27	15	10
-2.5°	163	141	121	102	86	69	52	38	28	17	10
-5°	164	142	123	104	87	71	53	39	28	18	10
-7.5°	164	143	124	105	88	72	54	39	29	19	10
-10°	164	144	125	106	89	73	55	40	30	20	11
-12.5°	164	144	125	107	90	73	56	41	30	20	11
-15°	163	144	125	106	90	73	56	41	30	21	11
-17.5°	161	143	124	106	89	73	56	42	31	20	11
-20°	159	141	123	104	88	73	56	42	31	20	12

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REPORT NUMBER: P626814 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-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°	157	139	120	102	87	72	56	41	30	20	12
-25°	153	135	118	101	86	71	55	40	30	19	12
-27.5°	149	132	115	99	84	70	54	39	29	18	13
-30°	144	128	112	97	82	68	52	38	28	18	13
-32.5°	139	125	109	94	80	65	49	37	27	18	12
-35°	134	120	106	91	77	62	47	35	26	18	12
-37.5°	129	116	101	87	74	59	46	34	25	18	12
-40°	124	111	96	83	70	56	44	33	24	17	11
-42.5°	118	105	92	79	67	54	42	32	23	16	11
-45°	112	99	88	75	63	51	40	30	22	16	11
-47.5°	106	95	83	71	60	49	38	29	21	15	10
-50°	101	89	77	66	56	46	35	27	20	14	10
-52.5°	94	83	72	61	52	42	33	24	18	13	9
-55°	87	76	66	56	47	38	29	23	17	12	8
-57.5°	79	69	60	51	43	34	27	21	16	11	7
-60°	71	63	54	46	38	30	24	19	14	10	7
-62.5°	64	56	48	40	33	27	21	17	12	9	6
-65°	56	48	41	35	28	23	19	14	11	8	5
-67.5°	47	41	35	29	24	20	16	13	10	7	5
-70°	39	34	29	24	20	16	14	11	8	6	4
-72.5°	32	28	23	19	17	14	12	9	7	5	4
-75°	26	22	19	16	13	11	9	7	6	4	3
-77.5°	20	17	15	12	11	9	7	5	4	3	3
-80°	15	13	11	10	8	7	5	4	3	3	2
-82.5°	10	9	8	7	6	5	3	3	2	2	2
-85°	6	5	4	4	3	2	2	1	1	1	1
-87.5°	2	2	2	2	2	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: P626814 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-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°	1	0	0	0	0	0	0
45°	1	1	0	0	0	0	0
42.5°	1	1	0	0	0	0	0
40°	1	1	0	0	0	0	0
37.5°	2	1	0	0	0	0	0
35°	2	1	0	0	0	0	0
32.5°	2	1	1	0	0	0	0
30°	2	2	1	0	0	0	0
27.5°	2	2	1	0	0	0	0
25°	2	2	1	0	0	0	0
22.5°	2	2	1	0	0	0	0
20°	2	2	1	0	0	0	0
17.5°	2	2	1	0	0	0	0
15°	2	2	1	0	0	0	0
12.5°	2	2	2	0	0	0	0
10°	2	2	2	0	0	0	0
7.5°	3	2	2	0	0	0	0
5°	3	2	2	0	0	0	0
2.5°	3	2	2	0	0	0	0
0°	3	2	2	0	0	0	0
-2.5°	4	2	2	0	0	0	0
-5°	5	2	2	0	0	0	0
-7.5°	5	2	2	0	0	0	0
-10°	6	2	2	0	0	0	0
-12.5°	6	2	2	1	0	0	0
-15°	6	3	2	1	0	0	0
-17.5°	7	3	2	1	0	0	0
-20°	7	3	2	1	0	0	0

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CATALOG NUMBER: GFLD-SA1E-750-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	7	3	2	1	0	0	0
-25°	7	3	2	1	0	0	0
-27.5°	7	3	2	1	0	0	0
-30°	7	3	2	1	0	0	0
-32.5°	7	3	2	1	0	0	0
-35°	7	3	2	1	0	0	0
-37.5°	7	3	2	1	0	0	0
-40°	7	4	2	0	0	0	0
-42.5°	7	4	2	0	0	0	0
-45°	6	4	2	0	0	0	0
-47.5°	6	4	2	0	0	0	0
-50°	6	4	2	0	0	0	0
-52.5°	6	3	2	0	0	0	0
-55°	5	3	2	0	0	0	0
-57.5°	5	3	1	0	0	0	0
-60°	4	3	1	0	0	0	0
-62.5°	4	3	1	0	0	0	0
-65°	4	2	1	0	0	0	0
-67.5°	3	2	1	0	0	0	0
-70°	3	2	1	0	0	0	0
-72.5°	3	2	1	0	0	0	0
-75°	2	2	1	0	0	0	0
-77.5°	2	1	1	0	0	0	0
-80°	2	1	1	0	0	0	0
-82.5°	1	1	0	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)