

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: P626694 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-750-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626694 (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-SA1C-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: 5716 lumens
Efficiency: N/A
Efficacy: 131.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 20153.5 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 2858 lumens
Beam Efficiency: 50.0%

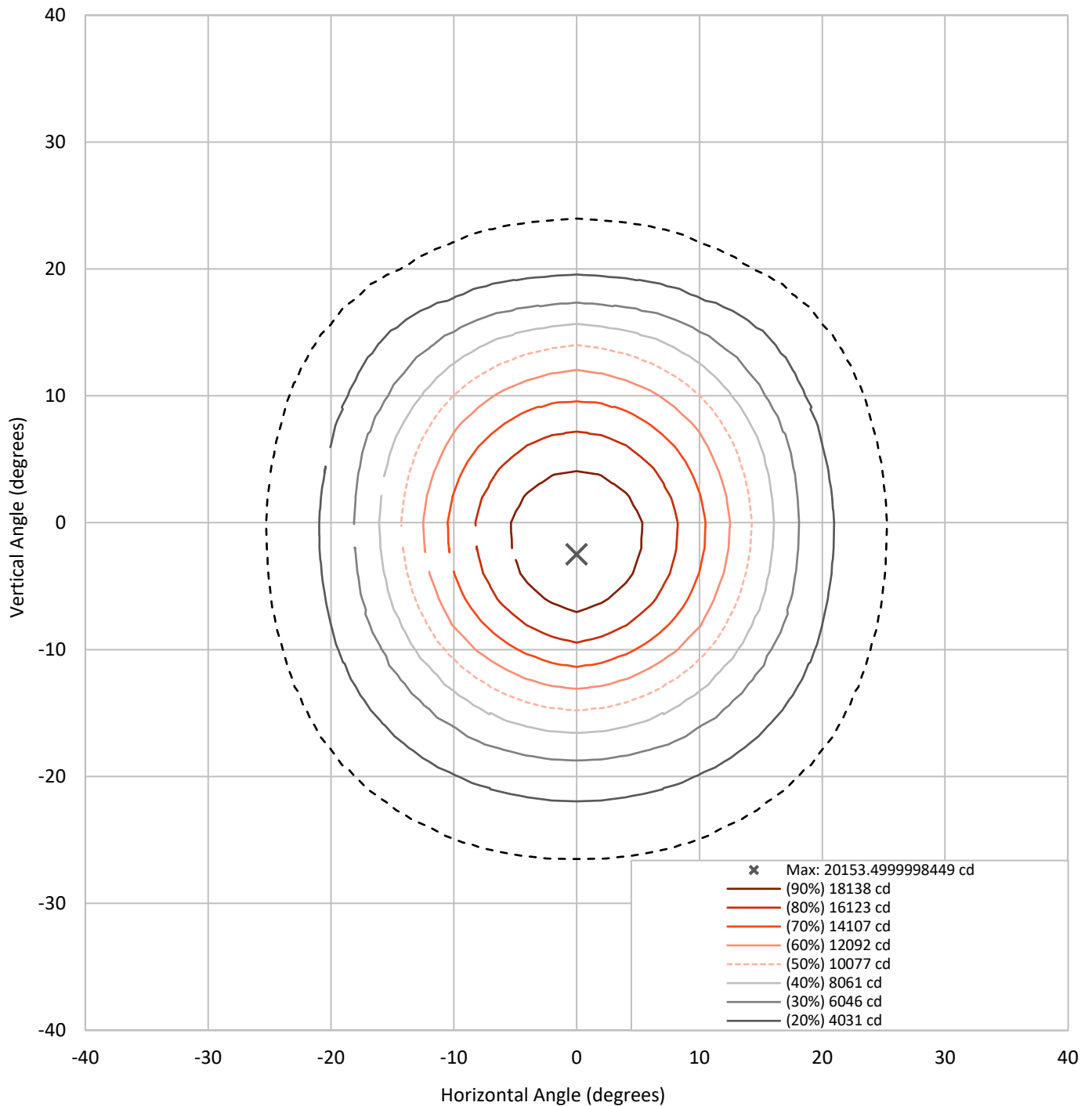
Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 4911.1 lumens
Field Efficiency: 85.9%

Input Watts (W): 43.5
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: P626694 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





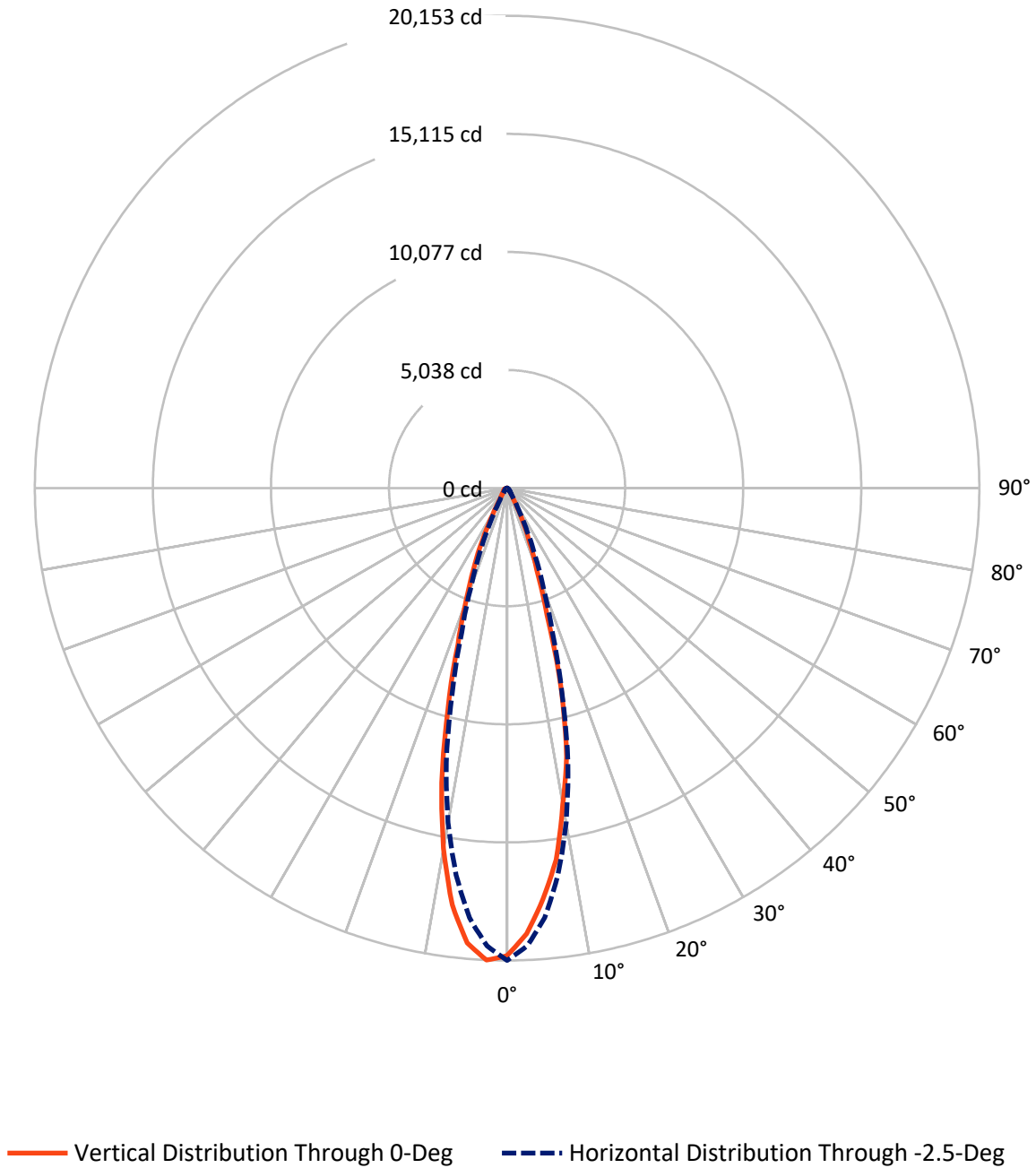
REPORT NUMBER: P626694 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

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	0.2	0.4	0.7	0.9	1.1	1.1	0.9	0.7	0.4	0.2	0.0	0.0				
50	0.0	0.0	0.2	0.6	1.2	1.9	2.6	3.0	3.0	2.6	1.9	1.2	0.6	0.2	0.0	0.0			
40		0.1	0.5	1.2	2.2	3.7	6.2	8.2	8.2	6.2	3.7	2.2	1.2	0.5	0.1				
30	0.0	0.2	0.8	1.9	3.6	8.6	27.1	49.8	49.8	27.1	8.6	3.6	1.9	0.8	0.2	0.0			
20		0.3	1.1	2.5	6.1	29.8	121.0	237.0	237.0	121.0	29.8	6.1	2.5	1.1	0.3				
10	0.1	0.4	1.3	3.0	8.7	56.7	244.4	479.1	479.1	244.4	56.7	8.7	3.0	1.3	0.4	0.1			
0		0.4	1.4	3.2	9.3	59.4	250.8	508.0	508.0	250.8	59.4	9.3	3.2	1.4	0.4				
-10	0.1	0.4	1.4	3.1	7.7	36.5	138.7	268.8	268.8	138.7	36.5	7.7	3.1	1.4	0.4	0.1			
-20		0.4	1.4	2.8	5.6	14.2	42.9	76.6	76.6	42.9	14.2	5.6	2.8	1.4	0.4				
-30	0.1	0.4	1.2	2.5	4.3	7.0	11.4	15.3	15.3	11.4	7.0	4.3	2.5	1.2	0.4	0.1			
-40		0.3	1.0	2.0	3.4	4.8	6.3	7.1	7.1	6.3	4.8	3.4	2.0	1.0	0.3				
-50	0.1	0.2	0.8	1.6	2.6	3.7	4.6	5.0	5.0	4.6	3.7	2.6	1.6	0.8	0.2	0.1			
-60		0.1	0.5	1.0	1.8	2.5	3.1	3.5	3.5	3.1	2.5	1.8	1.0	0.5	0.1				
-70	0.0	0.4	1.7	3.6	4.6	3.6	1.7	0.4	0.0										
-80		0.4	1.7	3.6	4.6	3.6	1.7	0.4											
-90	0.0	0.4	1.7	3.6	4.6	3.6	1.7	0.4	0.0										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

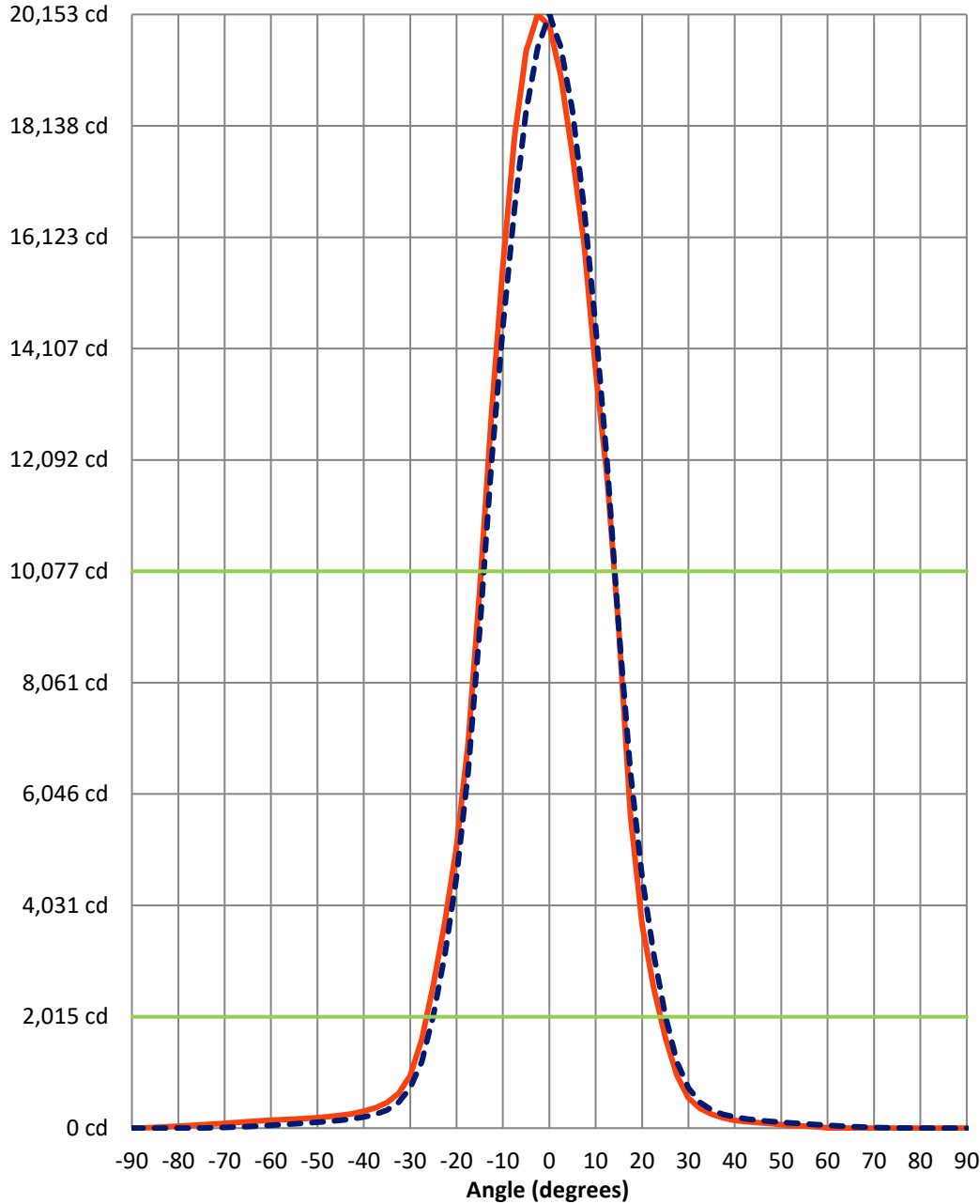
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CATALOG NUMBER: GFLD-SA1C-750-U-MR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 2858
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 4911.1
 Efficiency: 85.9%

Spill:
 Lumens: 804.9
 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	0
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	1	1	1
47.5°	0	0	0	0	0	0	1	1	1	1	1
45°	0	0	0	0	0	0	1	1	1	1	1
42.5°	0	0	0	0	0	1	1	1	1	1	2
40°	0	0	0	0	0	1	1	1	1	1	3
37.5°	0	0	0	0	0	1	1	1	2	2	4
35°	0	0	0	0	0	1	1	1	2	3	5
32.5°	0	0	0	0	0	1	1	1	2	4	7
30°	0	0	0	0	1	1	1	1	3	5	8
27.5°	0	0	0	0	1	1	1	2	4	6	10
25°	0	0	0	0	1	1	1	2	5	8	12
22.5°	0	0	0	0	1	1	1	3	5	9	14
20°	0	0	0	0	1	1	1	3	6	11	16
17.5°	0	0	0	0	1	1	1	4	7	12	18
15°	0	0	0	0	1	1	1	4	8	13	20
12.5°	0	0	0	0	1	1	2	5	8	15	22
10°	0	0	0	0	1	1	2	6	9	16	23
7.5°	0	0	0	0	1	1	2	6	10	17	25
5°	0	0	0	0	1	1	2	7	10	18	26
2.5°	0	0	0	0	1	1	2	7	11	19	27
0°	0	0	0	0	1	1	2	8	11	20	28
-2.5°	0	0	0	0	1	1	3	8	13	21	29
-5°	0	0	0	0	1	2	3	8	14	22	29
-7.5°	0	0	0	0	1	2	4	8	14	22	30
-10°	0	0	0	0	1	2	4	8	15	22	30
-12.5°	0	0	0	0	1	2	5	8	16	23	31
-15°	0	0	0	0	1	2	5	8	16	23	31
-17.5°	0	0	0	1	1	2	5	8	15	23	32
-20°	0	0	0	1	1	2	5	9	15	23	32

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CATALOG NUMBER: GFLD-SA1C-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	1	2	5	9	15	23	31
-25°	0	0	0	1	1	2	5	9	14	22	30
-27.5°	0	0	0	1	1	2	5	9	14	22	30
-30°	0	0	0	1	1	2	5	9	14	21	29
-32.5°	0	0	0	1	1	3	5	9	14	20	28
-35°	0	0	0	1	2	3	5	9	14	19	26
-37.5°	0	0	0	0	2	3	5	9	13	19	26
-40°	0	0	0	0	2	3	5	9	13	18	25
-42.5°	0	0	0	0	2	3	5	8	12	17	24
-45°	0	0	0	0	2	3	5	8	12	17	23
-47.5°	0	0	0	0	2	3	4	8	12	16	22
-50°	0	0	0	0	1	3	4	7	11	15	20
-52.5°	0	0	0	0	1	3	4	7	10	14	18
-55°	0	0	0	0	1	2	4	6	9	13	17
-57.5°	0	0	0	0	1	2	4	6	8	12	16
-60°	0	0	0	0	1	2	3	5	7	11	14
-62.5°	0	0	0	0	1	2	3	5	7	9	13
-65°	0	0	0	0	1	2	3	4	6	8	11
-67.5°	0	0	0	0	1	2	3	4	5	7	10
-70°	0	0	0	0	1	1	2	3	5	6	8
-72.5°	0	0	0	0	1	1	2	3	4	5	7
-75°	0	0	0	0	1	1	2	2	3	4	6
-77.5°	0	0	0	0	1	1	2	2	3	3	4
-80°	0	0	0	0	0	1	1	2	2	2	3
-82.5°	0	0	0	0	0	1	1	1	1	2	2
-85°	0	0	0	0	0	0	1	1	1	1	1
-87.5°	0	0	0	0	0	0	0	0	0	0	1
-90°	0	0	0	0	0	0	0	0	0	0	0

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CATALOG NUMBER: GFLD-SA1C-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	0
60°	0	0	0	0	0	1	1	1	1	1	3
57.5°	0	0	1	1	1	1	2	2	4	6	7
55°	0	1	1	1	2	3	4	6	8	11	13
52.5°	1	1	1	2	4	6	8	11	14	17	19
50°	1	2	2	4	6	9	13	17	20	23	26
47.5°	2	2	4	6	10	14	19	23	26	30	35
45°	2	4	6	10	14	20	24	28	33	38	44
42.5°	3	6	9	13	19	25	30	34	40	46	52
40°	5	8	12	18	25	30	36	41	47	54	60
37.5°	7	10	16	23	30	36	42	48	55	62	70
35°	8	13	20	27	34	42	49	56	64	72	80
32.5°	10	16	23	31	39	47	55	64	73	82	92
30°	13	20	27	36	44	52	62	72	81	91	102
27.5°	16	23	31	39	48	57	69	79	89	100	111
25°	19	26	34	43	52	63	76	86	96	108	122
22.5°	21	29	38	46	56	69	82	94	105	117	133
20°	24	32	42	51	61	75	88	101	114	129	147
17.5°	26	35	45	55	66	80	94	109	124	142	165
15°	28	38	49	59	72	86	101	116	134	155	181
12.5°	30	41	52	63	76	91	106	123	142	168	200
10°	32	43	55	67	80	95	111	128	149	177	215
7.5°	34	45	58	70	84	99	115	133	155	184	226
5°	36	47	60	73	86	102	118	137	160	190	236
2.5°	37	49	62	75	88	104	120	139	163	196	243
0°	38	51	63	76	90	105	122	141	165	200	247
-2.5°	39	52	65	78	92	107	123	142	167	202	249
-5°	40	54	66	79	93	107	124	143	168	202	249
-7.5°	41	55	67	80	94	108	125	144	169	202	249
-10°	41	55	67	81	95	109	125	143	168	200	245
-12.5°	42	55	68	81	95	109	124	142	166	196	237
-15°	43	55	68	81	95	109	123	140	162	191	227
-17.5°	43	55	68	80	94	108	122	138	158	185	220
-20°	43	55	67	79	93	107	121	136	155	179	210

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CATALOG NUMBER: GFLD-SA1C-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°	42	55	66	78	91	105	119	133	151	171	199
-25°	42	54	65	77	89	103	116	130	147	166	189
-27.5°	41	53	64	75	87	100	113	127	142	159	180
-30°	39	51	62	74	85	97	109	123	136	153	171
-32.5°	37	50	60	71	83	94	105	118	132	146	162
-35°	36	47	58	69	80	91	102	113	126	139	153
-37.5°	35	45	56	66	77	88	98	108	120	133	146
-40°	33	43	53	63	73	84	94	103	114	126	138
-42.5°	32	41	50	60	70	79	90	99	109	120	132
-45°	30	39	48	57	66	75	85	94	104	114	125
-47.5°	29	37	45	54	63	72	80	89	99	109	118
-50°	27	35	42	50	59	68	76	84	93	103	112
-52.5°	25	32	39	46	54	63	72	80	87	96	105
-55°	22	29	36	43	50	58	66	74	82	90	97
-57.5°	20	26	32	39	45	52	60	68	76	83	91
-60°	18	23	28	35	41	47	54	61	69	76	83
-62.5°	16	20	25	30	36	43	49	55	62	68	74
-65°	14	17	22	26	31	37	43	49	55	60	64
-67.5°	12	15	18	22	26	31	36	41	46	51	56
-70°	10	12	15	18	22	26	30	34	38	42	47
-72.5°	9	11	13	15	18	21	24	28	31	35	38
-75°	7	9	10	12	14	17	20	23	25	28	31
-77.5°	5	7	8	9	11	13	15	18	20	22	25
-80°	4	5	6	7	8	10	11	13	14	16	18
-82.5°	3	3	4	5	6	7	7	8	10	11	12
-85°	1	2	2	3	3	4	4	5	5	6	7
-87.5°	1	1	1	1	2	2	2	2	2	2	3
-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	1	1	1	1	2	2	2	2	2	2
60°	3	3	5	6	6	4	6	7	7	6	6
57.5°	9	11	13	13	15	18	18	18	18	19	22
55°	16	17	19	21	24	26	28	29	31	32	34
52.5°	21	24	26	29	32	34	35	39	42	44	46
50°	30	33	37	40	43	46	49	53	57	61	64
47.5°	40	44	48	53	57	60	63	68	73	79	82
45°	48	53	58	63	67	71	76	82	88	93	97
42.5°	56	61	67	73	76	83	90	96	103	110	115
40°	65	70	79	85	90	96	106	115	124	132	137
37.5°	76	85	94	101	108	116	130	144	154	165	173
35°	89	99	111	118	128	144	161	180	199	214	228
32.5°	102	113	124	137	152	174	196	226	254	283	310
30°	113	126	139	155	180	211	246	293	343	393	450
27.5°	125	139	155	180	218	260	325	398	502	586	720
25°	138	153	175	216	268	342	456	586	801	984	1191
22.5°	153	177	209	259	346	479	657	940	1270	1576	1869
20°	172	205	259	339	464	668	1005	1435	1893	2342	2776
17.5°	197	249	326	441	618	1047	1548	2162	2948	3538	4097
15°	220	285	402	588	921	1473	2174	3114	4172	5061	6067
12.5°	248	326	467	708	1184	1914	2807	3928	5180	6530	8106
10°	271	368	549	881	1459	2308	3309	4624	6232	8143	10134
7.5°	290	403	618	1011	1690	2631	3825	5425	7462	9694	11966
5°	304	430	672	1113	1887	2893	4202	6059	8380	10942	13201
2.5°	315	449	707	1175	2019	3072	4459	6395	8942	11757	14129
0°	324	461	727	1219	2081	3157	4578	6531	9205	12157	14595
-2.5°	327	467	728	1204	2043	3152	4550	6448	9023	11998	14496
-5°	328	464	710	1172	1977	3039	4368	6131	8469	11259	13791
-7.5°	325	451	672	1094	1827	2839	4114	5661	7577	10037	12654
-10°	316	430	622	987	1622	2528	3718	5025	6556	8564	10685
-12.5°	301	397	553	827	1379	2175	3229	4385	5578	6897	8642
-15°	282	364	496	731	1155	1805	2658	3634	4624	5635	6699
-17.5°	267	335	437	601	887	1412	2095	2879	3682	4485	5202
-20°	249	301	381	508	715	1026	1540	2150	2750	3405	3954

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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626694 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	233	277	337	417	556	775	1068	1497	1953	2429	2880
-25°	217	251	298	363	446	576	769	994	1314	1606	1941
-27.5°	204	232	264	312	375	447	565	696	864	1003	1227
-30°	192	214	241	271	318	372	436	515	597	679	787
-32.5°	180	199	220	244	273	314	353	404	449	499	550
-35°	169	185	202	222	244	271	301	334	364	394	421
-37.5°	159	173	188	203	221	239	263	287	307	326	343
-40°	150	162	174	187	201	216	235	252	266	278	289
-42.5°	143	153	163	174	185	199	213	227	236	245	252
-45°	135	144	153	162	172	184	196	206	214	220	225
-47.5°	128	136	144	152	161	171	181	188	195	200	204
-50°	120	128	135	142	150	159	167	174	180	185	187
-52.5°	113	120	128	135	141	148	155	161	167	172	174
-55°	106	113	120	126	133	139	145	150	156	161	162
-57.5°	98	106	113	118	124	130	135	141	146	150	152
-60°	90	98	104	109	115	120	125	130	135	139	141
-62.5°	81	88	93	98	103	108	112	117	121	125	127
-65°	70	76	81	86	90	95	99	103	106	109	111
-67.5°	60	64	69	73	78	82	86	89	92	95	96
-70°	51	54	58	62	66	70	73	77	80	82	83
-72.5°	42	45	49	53	56	59	62	65	68	69	71
-75°	34	37	40	43	46	49	51	53	56	57	58
-77.5°	27	29	32	34	36	38	40	42	44	45	46
-80°	20	22	24	25	27	28	30	31	33	34	35
-82.5°	14	15	16	18	19	20	21	21	22	23	24
-85°	8	9	10	10	11	12	12	13	13	14	14
-87.5°	3	3	4	4	5	5	5	5	5	5	6
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626694 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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	1	1	1	1	1	2	2	2	2	2
60°	6	5	5	5	5	5	6	6	6	7	7
57.5°	24	25	26	27	26	25	24	22	19	18	18
55°	36	37	37	37	37	37	36	34	32	31	29
52.5°	47	47	46	46	46	47	47	46	44	42	39
50°	65	64	64	65	64	64	65	64	61	57	53
47.5°	83	84	84	84	84	84	83	82	79	73	68
45°	99	100	101	100	101	100	99	97	93	88	82
42.5°	116	117	118	118	118	117	116	115	110	103	96
40°	139	140	140	140	140	140	139	137	132	124	115
37.5°	178	181	182	185	182	181	178	173	165	154	144
35°	238	245	248	254	248	245	238	228	214	199	180
32.5°	329	343	350	357	350	343	329	310	283	254	226
30°	489	516	526	546	526	516	489	450	393	343	293
27.5°	819	881	906	957	906	881	819	720	586	502	398
25°	1380	1514	1587	1646	1587	1514	1380	1191	984	801	586
22.5°	2163	2360	2464	2542	2464	2360	2163	1869	1576	1270	940
20°	3169	3427	3582	3694	3582	3427	3169	2776	2342	1893	1435
17.5°	4816	5223	5460	5665	5460	5223	4816	4097	3538	2948	2162
15°	7190	8007	8642	8996	8642	8007	7190	6067	5061	4172	3114
12.5°	9499	10696	11407	11734	11407	10696	9499	8106	6530	5180	3928
10°	11782	12911	13588	13707	13588	12911	11782	10134	8143	6232	4624
7.5°	13531	14772	15671	15998	15671	14772	13531	11966	9694	7462	5425
5°	15075	16528	17480	17600	17480	16528	15075	13201	10942	8380	6059
2.5°	16211	17791	18713	19031	18713	17791	16211	14129	11757	8942	6395
0°	16760	18462	19489	19951	19489	18462	16760	14595	12157	9205	6531
-2.5°	16645	18405	19551	20153	19551	18405	16645	14496	11998	9023	6448
-5°	16012	17777	18845	19486	18845	17777	16012	13791	11259	8469	6131
-7.5°	14552	16203	17340	17932	17340	16203	14552	12654	10037	7577	5661
-10°	12672	14069	15106	15609	15106	14069	12672	10685	8564	6556	5025
-12.5°	10228	11583	12519	12875	12519	11583	10228	8642	6897	5578	4385
-15°	7837	8871	9535	9746	9535	8871	7837	6699	5635	4624	3634
-17.5°	5943	6500	6873	6974	6873	6500	5943	5202	4485	3682	2879
-20°	4452	4797	5040	5097	5040	4797	4452	3954	3405	2750	2150

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REPORT NUMBER: P626694 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	3244	3503	3699	3738	3699	3503	3244	2880	2429	1953	1497
-25°	2238	2455	2587	2598	2587	2455	2238	1941	1606	1314	994
-27.5°	1403	1522	1584	1605	1584	1522	1403	1227	1003	864	696
-30°	867	922	951	952	951	922	867	787	679	597	515
-32.5°	588	615	629	629	629	615	588	550	499	449	404
-35°	441	455	462	463	462	455	441	421	394	364	334
-37.5°	355	362	366	367	366	362	355	343	326	307	287
-40°	296	302	305	307	305	302	296	289	278	266	252
-42.5°	256	260	261	260	261	260	256	252	245	236	227
-45°	228	230	232	232	232	230	228	225	220	214	206
-47.5°	206	207	208	208	208	207	206	204	200	195	188
-50°	189	189	190	189	190	189	189	187	185	180	174
-52.5°	174	175	175	175	175	175	174	174	172	167	161
-55°	163	163	164	164	164	163	163	162	161	156	150
-57.5°	153	154	154	154	154	154	153	152	150	146	141
-60°	143	144	145	145	145	144	143	141	139	135	130
-62.5°	129	130	131	131	131	130	129	127	125	121	117
-65°	112	114	115	117	115	114	112	111	109	106	103
-67.5°	98	98	100	101	100	98	98	96	95	92	89
-70°	85	86	86	86	86	86	85	83	82	80	77
-72.5°	72	73	74	74	74	73	72	71	69	68	65
-75°	60	61	61	61	61	61	60	58	57	56	53
-77.5°	47	48	48	48	48	48	47	46	45	44	42
-80°	36	37	36	36	36	37	36	35	34	33	31
-82.5°	24	25	25	24	25	25	24	24	23	22	21
-85°	15	15	15	14	15	15	15	14	14	13	13
-87.5°	6	6	6	5	6	6	6	6	5	5	5
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626694 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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	1	1	1	1	0	0	0	0	0
60°	6	4	6	6	5	3	3	3	1	1	1
57.5°	18	18	15	13	13	11	9	7	6	4	2
55°	28	26	24	21	19	17	16	13	11	8	6
52.5°	35	34	32	29	26	24	21	19	17	14	11
50°	49	46	43	40	37	33	30	26	23	20	17
47.5°	63	60	57	53	48	44	40	35	30	26	23
45°	76	71	67	63	58	53	48	44	38	33	28
42.5°	90	83	76	73	67	61	56	52	46	40	34
40°	106	96	90	85	79	70	65	60	54	47	41
37.5°	130	116	108	101	94	85	76	70	62	55	48
35°	161	144	128	118	111	99	89	80	72	64	56
32.5°	196	174	152	137	124	113	102	92	82	73	64
30°	246	211	180	155	139	126	113	102	91	81	72
27.5°	325	260	218	180	155	139	125	111	100	89	79
25°	456	342	268	216	175	153	138	122	108	96	86
22.5°	657	479	346	259	209	177	153	133	117	105	94
20°	1005	668	464	339	259	205	172	147	129	114	101
17.5°	1548	1047	618	441	326	249	197	165	142	124	109
15°	2174	1473	921	588	402	285	220	181	155	134	116
12.5°	2807	1914	1184	708	467	326	248	200	168	142	123
10°	3309	2308	1459	881	549	368	271	215	177	149	128
7.5°	3825	2631	1690	1011	618	403	290	226	184	155	133
5°	4202	2893	1887	1113	672	430	304	236	190	160	137
2.5°	4459	3072	2019	1175	707	449	315	243	196	163	139
0°	4578	3157	2081	1219	727	461	324	247	200	165	141
-2.5°	4550	3152	2043	1204	728	467	327	249	202	167	142
-5°	4368	3039	1977	1172	710	464	328	249	202	168	143
-7.5°	4114	2839	1827	1094	672	451	325	249	202	169	144
-10°	3718	2528	1622	987	622	430	316	245	200	168	143
-12.5°	3229	2175	1379	827	553	397	301	237	196	166	142
-15°	2658	1805	1155	731	496	364	282	227	191	162	140
-17.5°	2095	1412	887	601	437	335	267	220	185	158	138
-20°	1540	1026	715	508	381	301	249	210	179	155	136

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REPORT NUMBER: P626694 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	1068	775	556	417	337	277	233	199	171	151	133
-25°	769	576	446	363	298	251	217	189	166	147	130
-27.5°	565	447	375	312	264	232	204	180	159	142	127
-30°	436	372	318	271	241	214	192	171	153	136	123
-32.5°	353	314	273	244	220	199	180	162	146	132	118
-35°	301	271	244	222	202	185	169	153	139	126	113
-37.5°	263	239	221	203	188	173	159	146	133	120	108
-40°	235	216	201	187	174	162	150	138	126	114	103
-42.5°	213	199	185	174	163	153	143	132	120	109	99
-45°	196	184	172	162	153	144	135	125	114	104	94
-47.5°	181	171	161	152	144	136	128	118	109	99	89
-50°	167	159	150	142	135	128	120	112	103	93	84
-52.5°	155	148	141	135	128	120	113	105	96	87	80
-55°	145	139	133	126	120	113	106	97	90	82	74
-57.5°	135	130	124	118	113	106	98	91	83	76	68
-60°	125	120	115	109	104	98	90	83	76	69	61
-62.5°	112	108	103	98	93	88	81	74	68	62	55
-65°	99	95	90	86	81	76	70	64	60	55	49
-67.5°	86	82	78	73	69	64	60	56	51	46	41
-70°	73	70	66	62	58	54	51	47	42	38	34
-72.5°	62	59	56	53	49	45	42	38	35	31	28
-75°	51	49	46	43	40	37	34	31	28	25	23
-77.5°	40	38	36	34	32	29	27	25	22	20	18
-80°	30	28	27	25	24	22	20	18	16	14	13
-82.5°	21	20	19	18	16	15	14	12	11	10	8
-85°	12	12	11	10	10	9	8	7	6	5	5
-87.5°	5	5	5	4	4	3	3	3	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626694 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	2	1	1	1	1	0	0	0	1	0	0
55°	4	3	2	1	1	1	0	1	1	1	0
52.5°	8	6	4	2	1	1	1	1	1	1	0
50°	13	9	6	4	2	2	1	1	1	1	1
47.5°	19	14	10	6	4	2	2	1	1	1	1
45°	24	20	14	10	6	4	2	1	1	1	1
42.5°	30	25	19	13	9	6	3	2	1	1	1
40°	36	30	25	18	12	8	5	3	1	1	1
37.5°	42	36	30	23	16	10	7	4	2	2	1
35°	49	42	34	27	20	13	8	5	3	2	1
32.5°	55	47	39	31	23	16	10	7	4	2	1
30°	62	52	44	36	27	20	13	8	5	3	1
27.5°	69	57	48	39	31	23	16	10	6	4	2
25°	76	63	52	43	34	26	19	12	8	5	2
22.5°	82	69	56	46	38	29	21	14	9	5	3
20°	88	75	61	51	42	32	24	16	11	6	3
17.5°	94	80	66	55	45	35	26	18	12	7	4
15°	101	86	72	59	49	38	28	20	13	8	4
12.5°	106	91	76	63	52	41	30	22	15	8	5
10°	111	95	80	67	55	43	32	23	16	9	6
7.5°	115	99	84	70	58	45	34	25	17	10	6
5°	118	102	86	73	60	47	36	26	18	10	7
2.5°	120	104	88	75	62	49	37	27	19	11	7
0°	122	105	90	76	63	51	38	28	20	11	8
-2.5°	123	107	92	78	65	52	39	29	21	13	8
-5°	124	107	93	79	66	54	40	29	22	14	8
-7.5°	125	108	94	80	67	55	41	30	22	14	8
-10°	125	109	95	81	67	55	41	30	22	15	8
-12.5°	124	109	95	81	68	55	42	31	23	16	8
-15°	123	109	95	81	68	55	43	31	23	16	8
-17.5°	122	108	94	80	68	55	43	32	23	15	8
-20°	121	107	93	79	67	55	43	32	23	15	9

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REPORT NUMBER: P626694 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	119	105	91	78	66	55	42	31	23	15	9
-25°	116	103	89	77	65	54	42	30	22	14	9
-27.5°	113	100	87	75	64	53	41	30	22	14	9
-30°	109	97	85	74	62	51	39	29	21	14	9
-32.5°	105	94	83	71	60	50	37	28	20	14	9
-35°	102	91	80	69	58	47	36	26	19	14	9
-37.5°	98	88	77	66	56	45	35	26	19	13	9
-40°	94	84	73	63	53	43	33	25	18	13	9
-42.5°	90	79	70	60	50	41	32	24	17	12	8
-45°	85	75	66	57	48	39	30	23	17	12	8
-47.5°	80	72	63	54	45	37	29	22	16	12	8
-50°	76	68	59	50	42	35	27	20	15	11	7
-52.5°	72	63	54	46	39	32	25	18	14	10	7
-55°	66	58	50	43	36	29	22	17	13	9	6
-57.5°	60	52	45	39	32	26	20	16	12	8	6
-60°	54	47	41	35	28	23	18	14	11	7	5
-62.5°	49	43	36	30	25	20	16	13	9	7	5
-65°	43	37	31	26	22	17	14	11	8	6	4
-67.5°	36	31	26	22	18	15	12	10	7	5	4
-70°	30	26	22	18	15	12	10	8	6	5	3
-72.5°	24	21	18	15	13	11	9	7	5	4	3
-75°	20	17	14	12	10	9	7	6	4	3	2
-77.5°	15	13	11	9	8	7	5	4	3	3	2
-80°	11	10	8	7	6	5	4	3	2	2	2
-82.5°	7	7	6	5	4	3	3	2	2	1	1
-85°	4	4	3	3	2	2	1	1	1	1	1
-87.5°	2	2	2	1	1	1	1	1	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: P626694 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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	0	0	0	0	0	0
42.5°	1	1	0	0	0	0	0
40°	1	1	0	0	0	0	0
37.5°	1	1	0	0	0	0	0
35°	1	1	0	0	0	0	0
32.5°	1	1	0	0	0	0	0
30°	1	1	1	0	0	0	0
27.5°	1	1	1	0	0	0	0
25°	1	1	1	0	0	0	0
22.5°	1	1	1	0	0	0	0
20°	1	1	1	0	0	0	0
17.5°	1	1	1	0	0	0	0
15°	1	1	1	0	0	0	0
12.5°	2	1	1	0	0	0	0
10°	2	1	1	0	0	0	0
7.5°	2	1	1	0	0	0	0
5°	2	1	1	0	0	0	0
2.5°	2	1	1	0	0	0	0
0°	2	1	1	0	0	0	0
-2.5°	3	1	1	0	0	0	0
-5°	3	2	1	0	0	0	0
-7.5°	4	2	1	0	0	0	0
-10°	4	2	1	0	0	0	0
-12.5°	5	2	1	0	0	0	0
-15°	5	2	1	0	0	0	0
-17.5°	5	2	1	1	0	0	0
-20°	5	2	1	1	0	0	0

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Scaled Data Report



REPORT NUMBER: P626694 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

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