

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: P626634 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-750-U-MR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626634 (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-SA1B-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: 4608 lumens  
Efficiency: N/A  
Efficacy: 137.6 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V  
Max Intensity: 16247.1 candela  
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V  
Beam Lumens: 2304.1 lumens  
Beam Efficiency: 50.0%

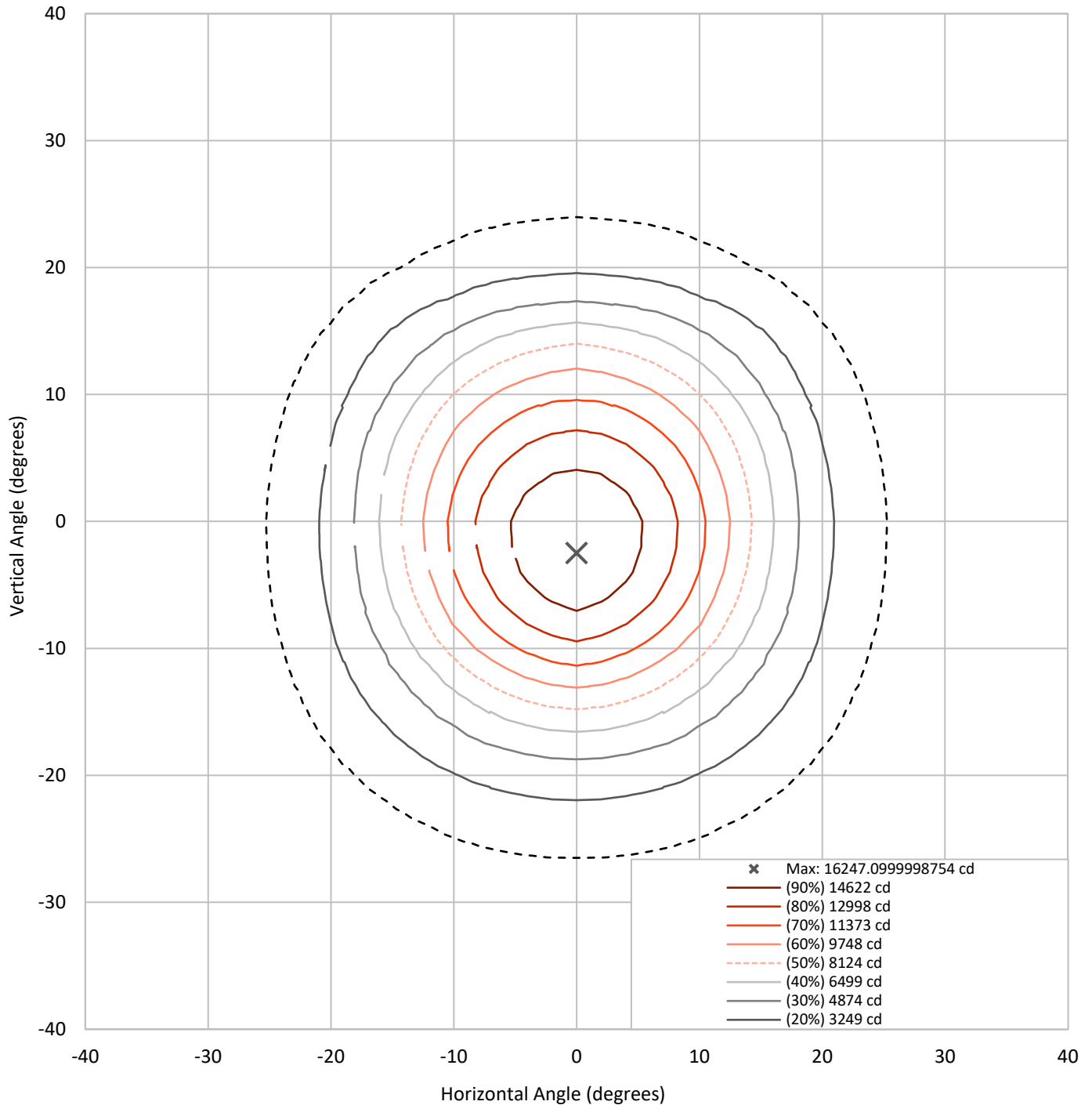
Field Angle (10%): 50.2°H x 50.4°V  
Field Lumens: 3959.2 lumens  
Field Efficiency: 85.9%

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: P626634 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1B-750-U-MR-VSR-XX

### Iso-Candela Plot





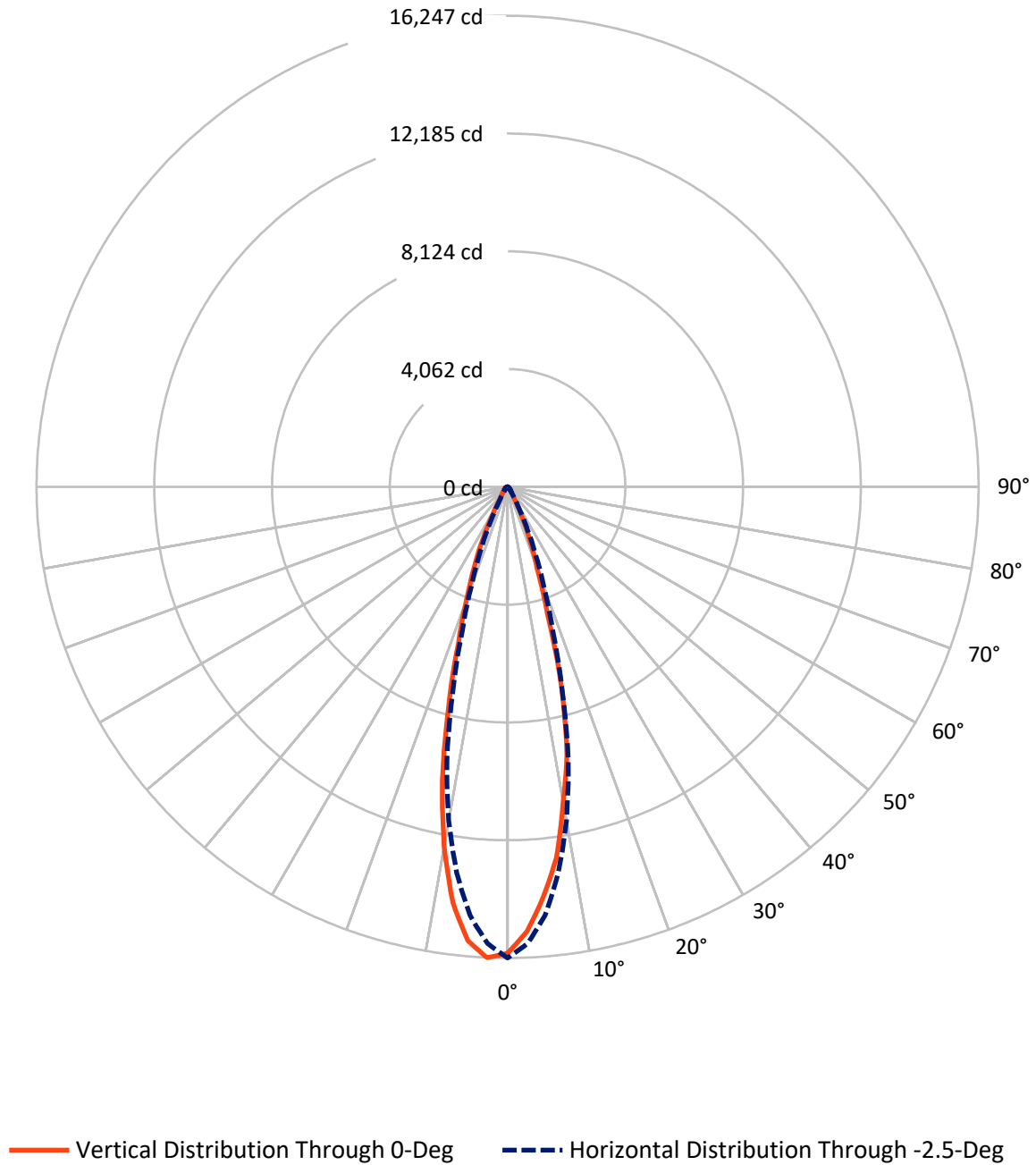
REPORT NUMBER: P626634 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Lumen Table

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	0.7	0.9	0.9	0.7	0.5	0.3	0.1	0.0		0.0			
40	0.0	0.0	0.2	0.5	1.0	1.5	2.1	2.5	2.5	2.1	1.5	1.0	0.5	0.2	0.0				
30		0.1	0.4	1.0	1.8	3.0	5.0	6.6	6.6	5.0	3.0	1.8	1.0	0.4	0.1				
20	0.0	0.1	0.6	1.5	2.9	7.0	21.9	40.1	40.1	21.9	7.0	2.9	1.5	0.6	0.1				
10		0.2	0.9	2.0	4.9	24.0	97.6	191.1	191.1	97.6	24.0	4.9	2.0	0.9	0.2				
0	0.1	0.3	1.0	2.4	7.0	45.7	197.0	386.2	386.2	197.0	45.7	7.0	2.4	1.0	0.3				
-10		0.3	1.1	2.6	7.5	47.9	202.2	409.5	409.5	202.2	47.9	7.5	2.6	1.1	0.3				
-20	0.1	0.4	1.2	2.5	6.2	29.4	111.8	216.7	216.7	111.8	29.4	6.2	2.5	1.2	0.4				
-30		0.3	1.1	2.3	4.5	11.4	34.6	61.8	61.8	34.6	11.4	4.5	2.3	1.1	0.3				
-40	0.1	0.3	1.0	2.0	3.4	5.6	9.2	12.3	12.3	9.2	5.6	3.4	2.0	1.0	0.3				
-50		0.3	0.8	1.6	2.7	3.9	5.1	5.7	5.7	5.1	3.9	2.7	1.6	0.8	0.3				
-60	0.1	0.2	0.6	1.3	2.1	3.0	3.7	4.0	4.0	3.7	3.0	2.1	1.3	0.6	0.2				
-70		0.1	0.4	0.8	1.4	2.0	2.5	2.8	2.8	2.5	2.0	1.4	0.8	0.4	0.1				
-80	0.0	0.3	1.4	2.9	3.7	2.9	1.4	0.3	0.0										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

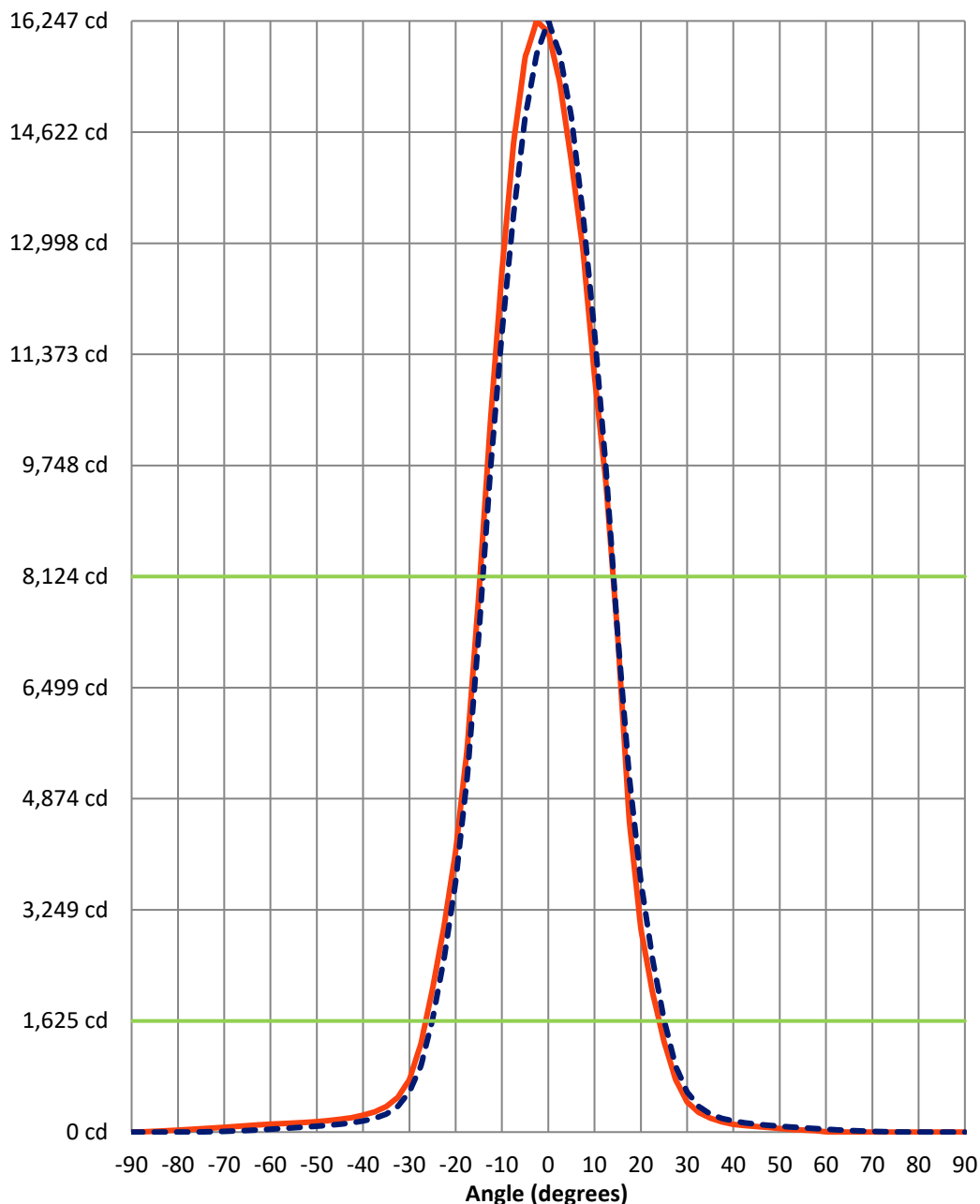
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.2°  
 V Angle: 28.7°  
 Lumens: 2304.1  
 Efficiency: 50.0%

**Field:**  
 H Angle: 50.2°  
 V Angle: 50.4°  
 Lumens: 3959.2  
 Efficiency: 85.9%

**Spill:**  
 Lumens: 648.9  
 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	0	0
55°	0	0	0	0	0	0	0	0	0	1	0
52.5°	0	0	0	0	0	0	0	0	1	1	0
50°	0	0	0	0	0	0	0	1	1	1	1
47.5°	0	0	0	0	0	0	0	1	1	1	1
45°	0	0	0	0	0	0	1	1	1	1	1
42.5°	0	0	0	0	0	0	1	1	1	1	2
40°	0	0	0	0	0	1	1	1	1	1	2
37.5°	0	0	0	0	0	1	1	1	1	1	3
35°	0	0	0	0	0	1	1	1	2	2	4
32.5°	0	0	0	0	0	1	1	1	2	3	6
30°	0	0	0	0	0	1	1	1	2	4	7
27.5°	0	0	0	0	1	1	1	1	3	5	8
25°	0	0	0	0	1	1	1	2	4	6	10
22.5°	0	0	0	0	1	1	1	2	4	7	11
20°	0	0	0	0	1	1	1	3	5	8	13
17.5°	0	0	0	0	1	1	1	3	6	10	15
15°	0	0	0	0	1	1	1	3	6	11	16
12.5°	0	0	0	0	1	1	1	4	7	12	17
10°	0	0	0	0	1	1	1	4	7	13	19
7.5°	0	0	0	0	1	1	2	5	8	14	20
5°	0	0	0	0	1	1	2	5	8	15	21
2.5°	0	0	0	0	1	1	2	6	9	16	22
0°	0	0	0	0	1	1	2	6	9	16	22
-2.5°	0	0	0	0	1	1	2	6	9	16	22
-5°	0	0	0	0	1	1	3	6	11	17	24
-7.5°	0	0	0	0	1	1	3	6	12	18	24
-10°	0	0	0	0	1	1	3	6	12	18	24
-12.5°	0	0	0	0	1	1	4	7	12	18	25
-15°	0	0	0	0	1	2	4	7	13	19	25
-17.5°	0	0	0	0	1	2	4	7	12	19	26
-20°	0	0	0	0	1	2	4	7	12	19	26

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REPORT NUMBER: P626634 (CONVERTED FROM TYPE C PHOTOMETRY)

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



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REPORT NUMBER: P626634 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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	0	1	1	1	1	2
57.5°	0	0	0	1	1	1	2	2	3	5	6
55°	0	1	1	1	1	2	3	5	7	9	11
52.5°	1	1	1	2	3	4	7	9	12	14	15
50°	1	1	1	3	5	7	11	14	16	18	21
47.5°	1	2	3	5	8	11	16	18	21	24	28
45°	2	3	5	8	11	16	20	22	26	31	35
42.5°	3	5	7	10	16	20	24	28	32	37	42
40°	4	6	10	14	20	24	29	33	38	43	48
37.5°	5	8	13	18	24	29	34	39	44	50	56
35°	6	11	16	22	28	34	39	45	52	58	65
32.5°	8	13	19	25	32	38	44	52	59	66	74
30°	10	16	22	29	35	42	50	58	65	73	82
27.5°	13	18	25	32	39	46	56	64	72	80	90
25°	15	21	28	35	42	51	61	69	77	87	98
22.5°	17	23	31	37	46	56	66	75	85	94	107
20°	19	26	34	41	49	60	71	82	92	104	119
17.5°	21	28	36	44	53	65	76	88	100	114	133
15°	23	31	39	48	58	69	81	94	108	125	146
12.5°	24	33	42	51	61	73	85	99	115	135	161
10°	26	35	44	54	65	77	89	103	120	143	173
7.5°	27	36	47	57	67	80	93	107	125	149	182
5°	29	38	49	59	70	82	95	110	129	153	190
2.5°	30	40	50	60	71	84	97	112	131	158	196
0°	31	41	51	61	73	85	98	114	133	162	199
-2.5°	32	42	52	63	74	86	99	115	135	163	200
-5°	32	43	53	64	75	87	100	115	136	163	201
-7.5°	33	44	54	64	76	87	100	116	136	163	201
-10°	33	44	54	65	76	88	101	116	135	161	197
-12.5°	34	45	55	65	77	88	100	115	133	158	191
-15°	34	45	55	65	76	88	99	113	130	154	183
-17.5°	35	45	54	64	76	87	98	111	128	149	177
-20°	35	44	54	64	75	86	97	110	125	144	169

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CATALOG NUMBER: GFLD-SA1B-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°	34	44	53	63	74	85	96	108	122	138	160
-25°	34	43	52	62	72	83	94	105	118	134	153
-27.5°	33	43	52	61	70	80	91	102	114	128	145
-30°	32	41	50	59	69	78	88	99	110	123	138
-32.5°	30	40	49	58	67	76	85	95	106	118	131
-35°	29	38	47	55	65	74	82	91	102	112	124
-37.5°	28	36	45	53	62	71	79	87	97	107	117
-40°	27	34	43	51	59	68	76	83	92	102	112
-42.5°	26	33	41	49	56	64	72	80	88	97	106
-45°	25	31	38	46	54	61	68	76	84	92	101
-47.5°	23	30	37	43	51	58	65	72	80	88	95
-50°	22	28	34	40	47	55	61	68	75	83	90
-52.5°	20	26	32	37	44	51	58	64	71	77	84
-55°	18	23	29	34	40	46	53	60	66	72	79
-57.5°	16	21	26	31	37	42	48	55	61	67	73
-60°	15	18	23	28	33	38	44	50	56	61	67
-62.5°	13	16	20	24	29	34	39	44	50	55	60
-65°	11	14	17	21	25	30	34	39	44	48	52
-67.5°	10	12	15	18	21	25	29	33	37	41	45
-70°	8	10	12	15	18	21	24	27	31	34	38
-72.5°	7	9	10	12	14	17	20	22	25	28	31
-75°	6	7	8	10	11	14	16	18	21	23	25
-77.5°	4	5	7	8	9	11	12	14	16	18	20
-80°	3	4	5	6	7	8	9	10	12	13	15
-82.5°	2	3	3	4	5	5	6	7	8	9	10
-85°	1	1	2	2	3	3	3	4	4	5	6
-87.5°	1	1	1	1	1	1	1	1	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626634 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-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	0	1	1	1	1	1	1	1	1	1
60°	3	2	4	5	5	4	5	6	5	5	5
57.5°	7	9	10	11	12	14	15	15	15	16	17
55°	13	14	15	17	19	21	23	24	25	26	28
52.5°	17	19	21	23	26	28	28	31	34	36	37
50°	24	27	30	32	35	37	39	42	46	49	51
47.5°	32	35	39	43	46	48	51	55	59	63	66
45°	39	43	47	51	54	58	62	66	71	75	79
42.5°	45	49	54	59	62	67	72	77	83	88	92
40°	53	57	63	68	72	78	86	93	100	106	110
37.5°	62	68	76	81	87	93	105	116	124	133	139
35°	72	80	89	95	104	116	130	145	161	173	184
32.5°	82	91	100	110	123	140	158	182	205	228	250
30°	91	101	112	125	145	170	199	236	276	317	363
27.5°	101	112	125	145	176	210	262	321	405	472	581
25°	111	123	141	174	216	275	368	472	646	794	960
22.5°	123	143	168	209	279	386	529	758	1024	1271	1506
20°	139	165	208	274	374	539	810	1157	1526	1888	2238
17.5°	159	201	263	356	498	844	1248	1743	2376	2852	3303
15°	178	230	324	474	743	1188	1752	2510	3363	4080	4891
12.5°	200	263	376	571	955	1543	2263	3167	4176	5264	6535
10°	219	297	443	710	1176	1860	2667	3728	5024	6564	8170
7.5°	234	325	498	815	1362	2121	3083	4374	6015	7815	9646
5°	245	347	541	897	1521	2332	3387	4884	6756	8821	10642
2.5°	254	362	570	947	1628	2477	3595	5156	7209	9478	11390
0°	261	371	586	983	1678	2545	3691	5265	7421	9800	11766
-2.5°	263	376	587	971	1647	2541	3668	5198	7274	9672	11687
-5°	264	374	572	945	1594	2450	3522	4943	6827	9077	11118
-7.5°	262	364	542	882	1473	2289	3316	4564	6108	8092	10201
-10°	255	346	502	796	1307	2038	2997	4051	5285	6904	8614
-12.5°	242	320	445	667	1112	1754	2603	3535	4496	5561	6967
-15°	227	293	400	589	931	1455	2143	2930	3728	4543	5401
-17.5°	215	270	353	485	715	1139	1689	2321	2969	3616	4193
-20°	201	243	307	410	577	828	1241	1733	2217	2745	3188

Classified

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

Scaled Data Report



REPORT NUMBER: P626634 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	188	223	271	336	448	625	861	1207	1575	1958	2322
-25°	175	202	240	292	359	464	620	801	1059	1295	1565
-27.5°	165	187	213	252	302	360	456	561	697	809	989
-30°	155	173	194	219	256	300	351	415	481	548	634
-32.5°	145	160	177	197	220	253	285	326	362	402	443
-35°	136	149	163	179	197	218	242	269	294	318	339
-37.5°	128	139	151	164	178	193	212	231	247	263	276
-40°	121	131	141	151	162	174	189	203	214	224	233
-42.5°	115	123	131	140	149	161	172	183	190	197	203
-45°	109	116	124	131	139	148	158	166	172	178	182
-47.5°	103	109	116	123	130	138	146	152	157	162	165
-50°	97	103	109	115	121	128	135	140	145	149	151
-52.5°	91	97	103	109	114	119	125	130	134	139	140
-55°	85	91	96	102	107	112	117	121	125	129	131
-57.5°	79	85	91	95	100	104	109	113	117	121	122
-60°	73	79	84	88	92	97	101	105	109	112	114
-62.5°	65	71	75	79	83	87	91	94	98	101	102
-65°	56	61	65	69	73	76	80	83	86	88	89
-67.5°	48	52	55	59	63	66	69	72	75	76	78
-70°	41	44	47	50	54	57	59	62	64	66	67
-72.5°	34	37	40	42	45	48	50	52	54	56	57
-75°	27	30	32	35	37	39	41	43	45	46	47
-77.5°	22	24	25	27	29	31	32	34	35	36	37
-80°	16	18	19	20	22	23	24	25	26	27	28
-82.5°	11	12	13	14	15	16	17	17	18	18	19
-85°	6	7	8	8	9	9	10	10	11	11	12
-87.5°	3	3	3	3	4	4	4	4	4	4	5
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626634 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-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°	1	1	1	1	1	1	1	1	1	1	1
60°	4	4	4	4	4	4	4	5	5	5	6
57.5°	19	20	21	22	21	20	19	17	16	15	15
55°	29	30	30	30	30	30	29	28	26	25	24
52.5°	38	38	37	37	37	38	38	37	36	34	31
50°	52	52	52	52	52	52	52	51	49	46	42
47.5°	67	68	68	68	68	68	67	66	63	59	55
45°	80	81	81	81	81	81	80	79	75	71	66
42.5°	94	95	95	95	95	95	94	92	88	83	77
40°	112	113	113	113	113	113	112	110	106	100	93
37.5°	144	146	147	149	147	146	144	139	133	124	116
35°	192	197	200	205	200	197	192	184	173	161	145
32.5°	265	276	282	288	282	276	265	250	228	205	182
30°	395	416	424	440	424	416	395	363	317	276	236
27.5°	660	710	730	771	730	710	660	581	472	405	321
25°	1112	1220	1280	1327	1280	1220	1112	960	794	646	472
22.5°	1744	1902	1987	2049	1987	1902	1744	1506	1271	1024	758
20°	2555	2763	2888	2978	2888	2763	2555	2238	1888	1526	1157
17.5°	3882	4210	4402	4567	4402	4210	3882	3303	2852	2376	1743
15°	5796	6455	6967	7252	6967	6455	5796	4891	4080	3363	2510
12.5°	7658	8623	9196	9460	9196	8623	7658	6535	5264	4176	3167
10°	9499	10409	10954	11050	10954	10409	9499	8170	6564	5024	3728
7.5°	10908	11909	12634	12897	12634	11909	10908	9646	7815	6015	4374
5°	12153	13325	14092	14189	14092	13325	12153	10642	8821	6756	4884
2.5°	13069	14342	15086	15342	15086	14342	13069	11390	9478	7209	5156
0°	13512	14883	15711	16084	15711	14883	13512	11766	9800	7421	5265
-2.5°	13418	14837	15761	16247	15761	14837	13418	11687	9672	7274	5198
-5°	12908	14331	15193	15709	15193	14331	12908	11118	9077	6827	4943
-7.5°	11732	13062	13979	14456	13979	13062	11732	10201	8092	6108	4564
-10°	10216	11342	12178	12584	12178	11342	10216	8614	6904	5285	4051
-12.5°	8246	9338	10092	10379	10092	9338	8246	6967	5561	4496	3535
-15°	6318	7151	7687	7857	7687	7151	6318	5401	4543	3728	2930
-17.5°	4791	5240	5541	5622	5541	5240	4791	4193	3616	2969	2321
-20°	3589	3868	4063	4109	4063	3868	3589	3188	2745	2217	1733

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REPORT NUMBER: P626634 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	2615	2824	2982	3014	2982	2824	2615	2322	1958	1575	1207
-25°	1804	1979	2086	2094	2086	1979	1804	1565	1295	1059	801
-27.5°	1131	1227	1277	1294	1277	1227	1131	989	809	697	561
-30°	699	743	767	767	767	743	699	634	548	481	415
-32.5°	474	496	507	507	507	496	474	443	402	362	326
-35°	355	366	373	373	373	366	355	339	318	294	269
-37.5°	286	292	295	296	295	292	286	276	263	247	231
-40°	239	243	246	248	246	243	239	233	224	214	203
-42.5°	207	209	211	210	211	209	207	203	197	190	183
-45°	184	186	187	187	187	186	184	182	178	172	166
-47.5°	166	167	168	168	168	167	166	165	162	157	152
-50°	152	153	153	152	153	153	152	151	149	145	140
-52.5°	141	141	141	141	141	141	141	140	139	134	130
-55°	131	132	132	132	132	132	131	131	129	125	121
-57.5°	123	124	124	124	124	124	123	122	121	117	113
-60°	115	116	116	117	116	116	115	114	112	109	105
-62.5°	104	105	105	105	105	105	104	102	101	98	94
-65°	91	92	93	94	93	92	91	89	88	86	83
-67.5°	79	79	81	82	81	79	79	78	76	75	72
-70°	68	69	70	70	70	69	68	67	66	64	62
-72.5°	58	59	59	59	59	59	58	57	56	54	52
-75°	48	49	49	49	49	49	48	47	46	45	43
-77.5°	38	39	39	39	39	39	38	37	36	35	34
-80°	29	30	29	29	29	30	29	28	27	26	25
-82.5°	20	20	20	19	20	20	20	19	18	18	17
-85°	12	12	12	11	12	12	12	12	11	11	10
-87.5°	5	5	5	4	5	5	5	5	4	4	4
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626634 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	1	1	1	1	1	0	0	0	0	0	0
60°	5	4	5	5	4	2	3	2	1	1	1
57.5°	15	14	12	11	10	9	7	6	5	3	2
55°	23	21	19	17	15	14	13	11	9	7	5
52.5°	28	28	26	23	21	19	17	15	14	12	9
50°	39	37	35	32	30	27	24	21	18	16	14
47.5°	51	48	46	43	39	35	32	28	24	21	18
45°	62	58	54	51	47	43	39	35	31	26	22
42.5°	72	67	62	59	54	49	45	42	37	32	28
40°	86	78	72	68	63	57	53	48	43	38	33
37.5°	105	93	87	81	76	68	62	56	50	44	39
35°	130	116	104	95	89	80	72	65	58	52	45
32.5°	158	140	123	110	100	91	82	74	66	59	52
30°	199	170	145	125	112	101	91	82	73	65	58
27.5°	262	210	176	145	125	112	101	90	80	72	64
25°	368	275	216	174	141	123	111	98	87	77	69
22.5°	529	386	279	209	168	143	123	107	94	85	75
20°	810	539	374	274	208	165	139	119	104	92	82
17.5°	1248	844	498	356	263	201	159	133	114	100	88
15°	1752	1188	743	474	324	230	178	146	125	108	94
12.5°	2263	1543	955	571	376	263	200	161	135	115	99
10°	2667	1860	1176	710	443	297	219	173	143	120	103
7.5°	3083	2121	1362	815	498	325	234	182	149	125	107
5°	3387	2332	1521	897	541	347	245	190	153	129	110
2.5°	3595	2477	1628	947	570	362	254	196	158	131	112
0°	3691	2545	1678	983	586	371	261	199	162	133	114
-2.5°	3668	2541	1647	971	587	376	263	200	163	135	115
-5°	3522	2450	1594	945	572	374	264	201	163	136	115
-7.5°	3316	2289	1473	882	542	364	262	201	163	136	116
-10°	2997	2038	1307	796	502	346	255	197	161	135	116
-12.5°	2603	1754	1112	667	445	320	242	191	158	133	115
-15°	2143	1455	931	589	400	293	227	183	154	130	113
-17.5°	1689	1139	715	485	353	270	215	177	149	128	111
-20°	1241	828	577	410	307	243	201	169	144	125	110

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REPORT NUMBER: P626634 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	861	625	448	336	271	223	188	160	138	122	108
-25°	620	464	359	292	240	202	175	153	134	118	105
-27.5°	456	360	302	252	213	187	165	145	128	114	102
-30°	351	300	256	219	194	173	155	138	123	110	99
-32.5°	285	253	220	197	177	160	145	131	118	106	95
-35°	242	218	197	179	163	149	136	124	112	102	91
-37.5°	212	193	178	164	151	139	128	117	107	97	87
-40°	189	174	162	151	141	131	121	112	102	92	83
-42.5°	172	161	149	140	131	123	115	106	97	88	80
-45°	158	148	139	131	124	116	109	101	92	84	76
-47.5°	146	138	130	123	116	109	103	95	88	80	72
-50°	135	128	121	115	109	103	97	90	83	75	68
-52.5°	125	119	114	109	103	97	91	84	77	71	64
-55°	117	112	107	102	96	91	85	79	72	66	60
-57.5°	109	104	100	95	91	85	79	73	67	61	55
-60°	101	97	92	88	84	79	73	67	61	56	50
-62.5°	91	87	83	79	75	71	65	60	55	50	44
-65°	80	76	73	69	65	61	56	52	48	44	39
-67.5°	69	66	63	59	55	52	48	45	41	37	33
-70°	59	57	54	50	47	44	41	38	34	31	27
-72.5°	50	48	45	42	40	37	34	31	28	25	22
-75°	41	39	37	35	32	30	27	25	23	21	18
-77.5°	32	31	29	27	25	24	22	20	18	16	14
-80°	24	23	22	20	19	18	16	15	13	12	10
-82.5°	17	16	15	14	13	12	11	10	9	8	7
-85°	10	9	9	8	8	7	6	6	5	4	4
-87.5°	4	4	4	3	3	3	3	2	2	2	1
-90°	0	0	0	0	0	0	0	0	0	0	0



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REPORT NUMBER: P626634 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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	0	0	0	0	0	0	0	0	0	0
57.5°	2	1	1	1	0	0	0	0	0	0	0
55°	3	2	1	1	1	1	0	0	1	0	0
52.5°	7	4	3	2	1	1	1	0	1	1	0
50°	11	7	5	3	1	1	1	1	1	1	1
47.5°	16	11	8	5	3	2	1	1	1	1	1
45°	20	16	11	8	5	3	2	1	1	1	1
42.5°	24	20	16	10	7	5	3	2	1	1	1
40°	29	24	20	14	10	6	4	2	1	1	1
37.5°	34	29	24	18	13	8	5	3	1	1	1
35°	39	34	28	22	16	11	6	4	2	2	1
32.5°	44	38	32	25	19	13	8	6	3	2	1
30°	50	42	35	29	22	16	10	7	4	2	1
27.5°	56	46	39	32	25	18	13	8	5	3	1
25°	61	51	42	35	28	21	15	10	6	4	2
22.5°	66	56	46	37	31	23	17	11	7	4	2
20°	71	60	49	41	34	26	19	13	8	5	3
17.5°	76	65	53	44	36	28	21	15	10	6	3
15°	81	69	58	48	39	31	23	16	11	6	3
12.5°	85	73	61	51	42	33	24	17	12	7	4
10°	89	77	65	54	44	35	26	19	13	7	4
7.5°	93	80	67	57	47	36	27	20	14	8	5
5°	95	82	70	59	49	38	29	21	15	8	5
2.5°	97	84	71	60	50	40	30	22	16	9	6
0°	98	85	73	61	51	41	31	22	16	9	6
-2.5°	99	86	74	63	52	42	32	23	17	10	6
-5°	100	87	75	64	53	43	32	24	17	11	6
-7.5°	100	87	76	64	54	44	33	24	18	12	6
-10°	101	88	76	65	54	44	33	24	18	12	6
-12.5°	100	88	77	65	55	45	34	25	18	12	7
-15°	99	88	76	65	55	45	34	25	19	13	7
-17.5°	98	87	76	64	54	45	35	26	19	12	7
-20°	97	86	75	64	54	44	35	26	19	12	7

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REPORT NUMBER: P626634 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	96	85	74	63	53	44	34	25	18	12	7
-25°	94	83	72	62	52	43	34	25	18	12	8
-27.5°	91	80	70	61	52	43	33	24	18	11	8
-30°	88	78	69	59	50	41	32	23	17	11	8
-32.5°	85	76	67	58	49	40	30	22	16	11	8
-35°	82	74	65	55	47	38	29	21	16	11	7
-37.5°	79	71	62	53	45	36	28	21	15	11	7
-40°	76	68	59	51	43	34	27	20	15	10	7
-42.5°	72	64	56	49	41	33	26	19	14	10	7
-45°	68	61	54	46	38	31	25	18	13	10	6
-47.5°	65	58	51	43	37	30	23	17	13	9	6
-50°	61	55	47	40	34	28	22	16	12	9	6
-52.5°	58	51	44	37	32	26	20	15	11	8	5
-55°	53	46	40	34	29	23	18	14	10	7	5
-57.5°	48	42	37	31	26	21	16	13	9	7	4
-60°	44	38	33	28	23	18	15	11	9	6	4
-62.5°	39	34	29	24	20	16	13	10	7	5	4
-65°	34	30	25	21	17	14	11	9	7	5	3
-67.5°	29	25	21	18	15	12	10	8	6	4	3
-70°	24	21	18	15	12	10	8	7	5	4	3
-72.5°	20	17	14	12	10	9	7	6	4	3	2
-75°	16	14	11	10	8	7	6	4	3	3	2
-77.5°	12	11	9	8	7	5	4	3	3	2	2
-80°	9	8	7	6	5	4	3	2	2	2	1
-82.5°	6	5	5	4	3	3	2	2	1	1	1
-85°	3	3	3	2	2	1	1	1	1	1	1
-87.5°	1	1	1	1	1	1	1	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: P626634 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	0	0	0	0	0	0	0
45°	1	0	0	0	0	0	0
42.5°	1	0	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	0	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°	1	1	1	0	0	0	0
10°	1	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°	2	1	1	0	0	0	0
-5°	3	1	1	0	0	0	0
-7.5°	3	1	1	0	0	0	0
-10°	3	1	1	0	0	0	0
-12.5°	4	1	1	0	0	0	0
-15°	4	2	1	0	0	0	0
-17.5°	4	2	1	0	0	0	0
-20°	4	2	1	0	0	0	0

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CATALOG NUMBER: GFLD-SA1B-750-U-MR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

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