

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: P626636 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626636 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-16)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1B-750-U-MWR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4453.7 lumens
Efficiency: N/A
Efficacy: 132.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 6239.6 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 2983.1 lumens
Beam Efficiency: 67.0%

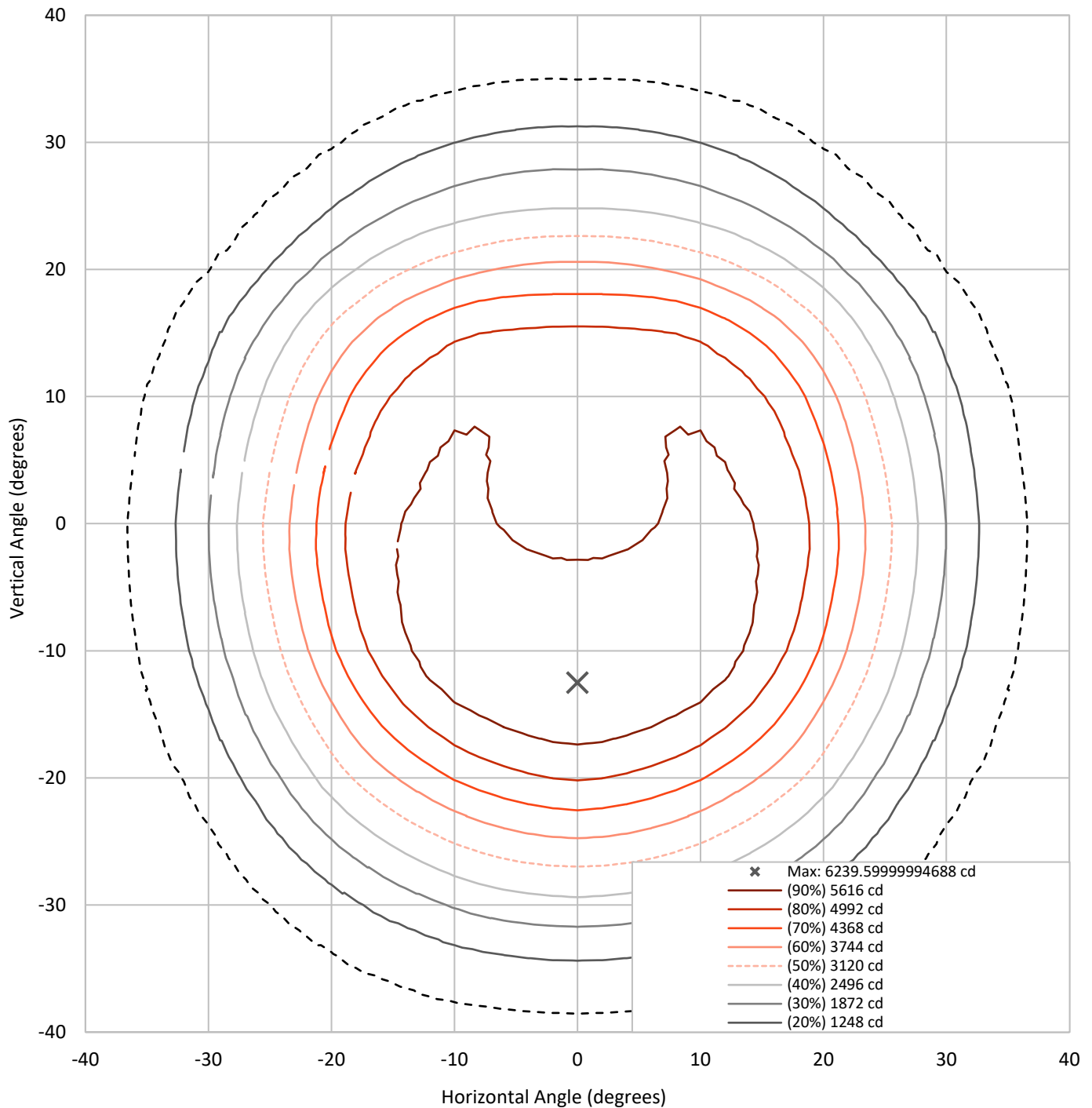
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 4014.3 lumens
Field Efficiency: 90.1%

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



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

Iso-Candela Plot





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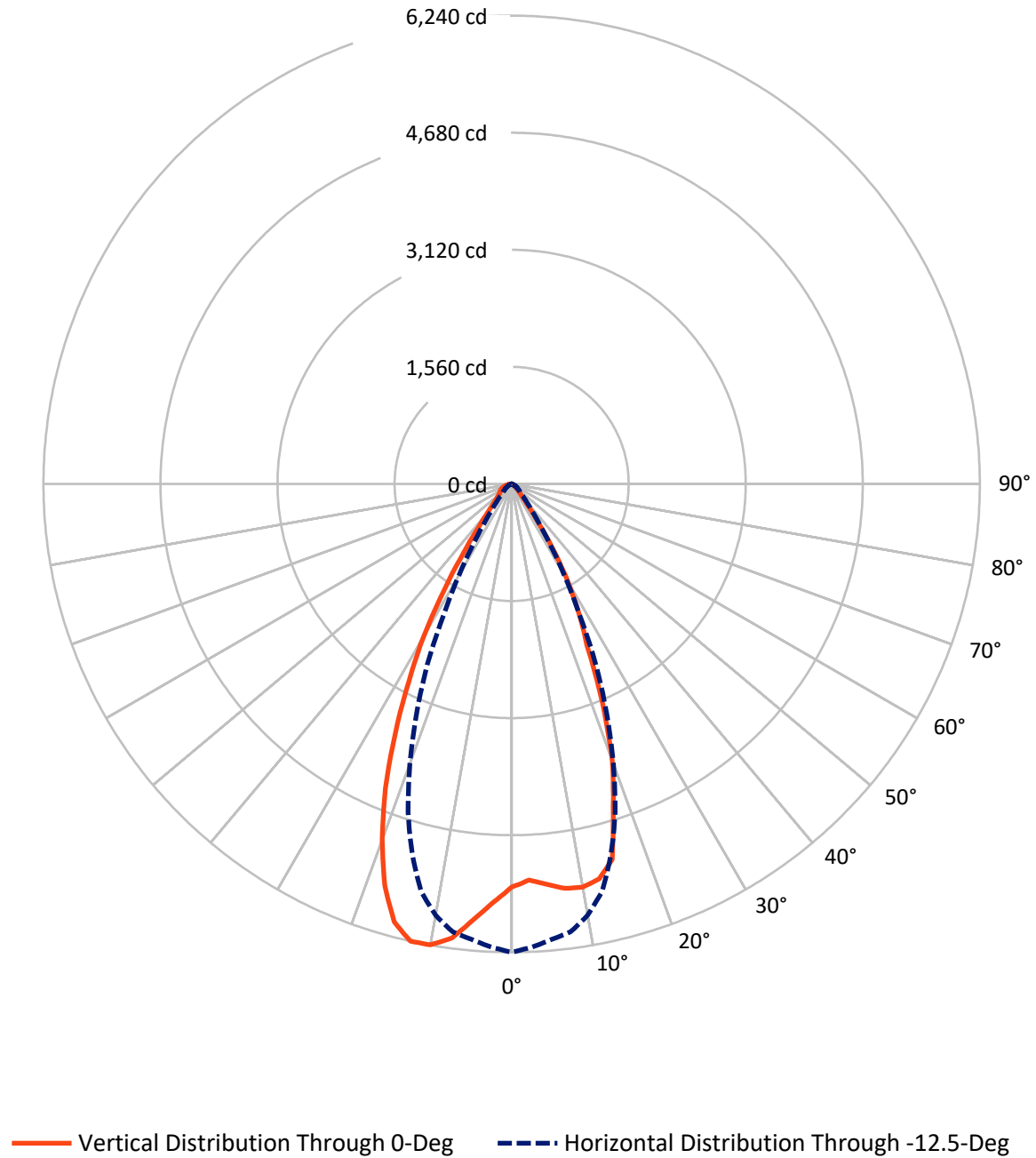
CATALOG NUMBER: GFLD-SA1B-750-U-MWR-VSR-XX

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	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	0.4	0.6	0.8	1.0	1.0	0.8	0.6	0.4	0.1	0.0		0.0			
40	0.0	0.0	0.2	0.6	1.3	2.0	3.1	3.7	3.7	3.1	2.0	1.3	0.6	0.2	0.0				
30		0.1	0.5	1.3	2.7	5.8	13.1	20.1	20.1	13.1	5.8	2.7	1.3	0.5		0.1			
20	0.0	0.2	0.8	2.1	5.6	20.7	53.3	74.5	74.5	53.3	20.7	5.6	2.1	0.8	0.0				
10		0.3	1.2	3.2	13.3	57.5	119.9	148.5	148.5	119.9	57.5	13.3	3.2	1.2		0.3			
0	0.1	0.4	1.4	4.1	21.2	84.7	154.6	167.7	167.7	154.6	84.7	21.2	4.1	1.4	0.1				
-10		0.5	1.6	4.4	22.2	87.4	160.2	177.9	177.9	160.2	87.4	22.2	4.4	1.6		0.5			
-20	0.1	0.5	1.6	4.0	15.9	65.1	135.2	172.6	172.6	135.2	65.1	15.9	4.0	1.6	0.1				
-30		0.5	1.5	3.4	8.9	31.6	75.3	106.0	106.0	75.3	31.6	8.9	3.4	1.5		0.5			
-40	0.1	0.4	1.4	2.8	5.3	11.2	23.5	34.9	34.9	23.5	11.2	5.3	2.8	1.4	0.1				
-50		0.3	1.1	2.3	3.9	5.7	8.0	9.5	9.5	8.0	5.7	3.9	2.3	1.1		0.3			
-60	0.1	0.3	0.9	1.8	3.0	4.2	5.2	5.7	5.7	5.2	4.2	3.0	1.8	0.9	0.1				
-70		0.2	0.6	1.2	2.1	3.0	3.8	4.3	4.3	3.8	3.0	2.1	1.2	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

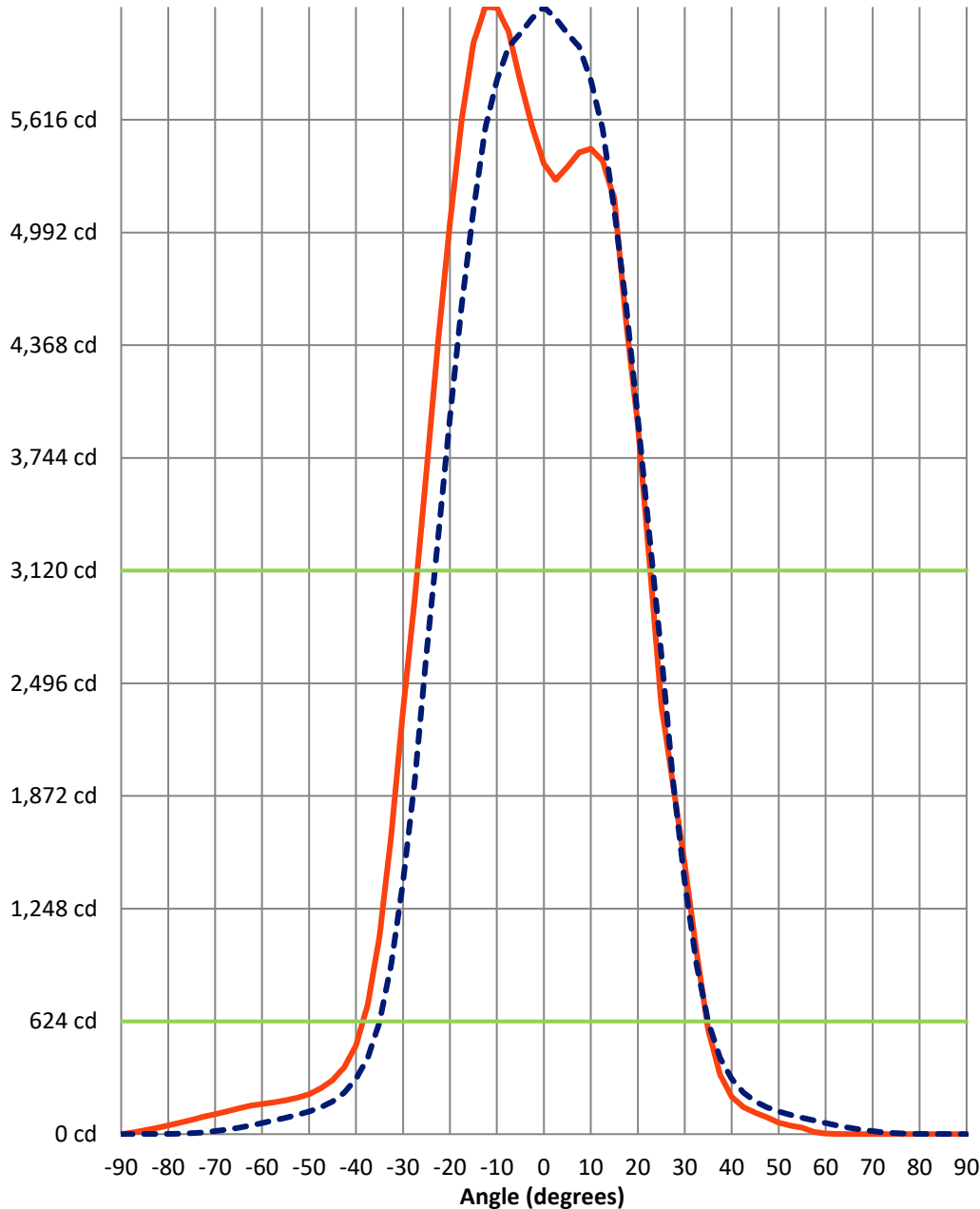
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 2983.1
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 4014.3
 Efficiency: 90.1%

Spill:
 Lumens: 439.4
 Efficiency: 9.9%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through -12.5-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	1	0	0	0	0	1	1
60°	0	0	0	0	1	0	0	0	1	1	1
57.5°	0	0	0	1	1	0	0	1	1	1	1
55°	0	0	0	1	1	0	1	1	1	1	1
52.5°	0	0	0	1	1	1	1	1	1	1	1
50°	0	0	0	1	1	1	1	1	1	1	1
47.5°	0	0	0	1	1	1	1	1	1	1	1
45°	0	0	0	1	1	1	1	1	1	1	2
42.5°	0	0	0	1	1	1	1	1	1	2	2
40°	0	0	1	1	1	1	1	1	1	2	2
37.5°	0	0	1	1	1	1	1	1	2	2	3
35°	0	0	1	1	1	1	2	1	2	3	4
32.5°	0	0	1	1	1	1	2	2	2	4	6
30°	0	0	1	1	1	1	2	2	3	4	8
27.5°	0	0	1	1	1	1	2	2	3	5	10
25°	0	0	1	1	1	2	2	2	4	7	12
22.5°	0	0	1	1	1	2	2	3	5	8	14
20°	0	0	1	1	1	2	2	3	6	10	16
17.5°	0	0	1	1	1	2	2	3	7	11	18
15°	0	0	1	1	1	2	2	4	8	12	21
12.5°	0	0	1	1	1	2	2	5	8	13	23
10°	0	0	1	1	1	2	2	5	9	15	25
7.5°	0	0	1	1	1	2	3	6	10	16	27
5°	0	0	1	1	1	2	3	7	10	18	28
2.5°	0	0	1	1	1	2	3	8	11	20	29
0°	0	0	1	1	1	2	3	8	11	21	30
-2.5°	0	0	1	1	1	2	4	8	13	22	31
-5°	0	0	1	1	1	2	4	9	14	23	33
-7.5°	0	0	1	1	1	2	5	9	15	24	34
-10°	0	0	1	1	1	2	5	9	16	25	35
-12.5°	0	0	1	1	1	2	5	9	17	25	35
-15°	0	0	1	1	1	3	6	9	17	25	36
-17.5°	0	0	1	1	1	3	6	10	17	25	36
-20°	0	0	1	1	2	3	6	10	17	25	35

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REPORT NUMBER: P626636 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	1	1	2	3	6	10	17	25	34
-25°	0	0	1	1	2	3	6	10	16	24	33
-27.5°	0	0	1	1	2	3	6	10	16	24	32
-30°	0	0	1	1	1	3	6	10	16	23	31
-32.5°	0	0	1	1	2	3	6	10	15	22	30
-35°	0	0	1	1	2	3	6	10	15	22	29
-37.5°	0	0	1	1	2	3	6	9	14	21	28
-40°	0	0	1	1	2	3	6	9	13	20	28
-42.5°	0	0	1	1	2	3	6	9	13	19	27
-45°	0	0	1	1	2	3	5	8	12	18	25
-47.5°	0	0	1	1	2	3	5	8	12	17	24
-50°	0	0	1	1	2	3	5	8	11	16	22
-52.5°	0	0	1	1	2	3	5	7	11	15	20
-55°	0	0	1	1	2	3	5	7	10	14	19
-57.5°	0	0	1	1	2	3	5	7	9	13	18
-60°	0	0	1	1	2	3	4	6	9	12	16
-62.5°	0	0	1	1	2	3	4	6	8	11	15
-65°	0	0	1	1	2	2	4	5	7	10	13
-67.5°	0	0	1	1	2	2	3	5	7	9	12
-70°	0	0	1	1	2	2	3	4	6	8	10
-72.5°	0	0	1	1	2	2	3	4	5	7	8
-75°	0	0	0	1	1	2	3	3	4	5	7
-77.5°	0	0	0	1	1	2	2	3	4	4	5
-80°	0	0	0	1	1	1	2	3	3	4	4
-82.5°	0	0	0	0	1	1	2	2	3	3	4
-85°	0	0	0	0	1	1	1	1	2	2	3
-87.5°	0	0	0	0	0	0	1	1	1	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626636 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	1	0	0	0	0	0	0	0	0	0
62.5°	1	1	1	0	1	1	1	0	0	0	0
60°	1	1	1	1	1	1	1	1	1	1	2
57.5°	1	1	1	1	1	1	1	1	4	6	7
55°	1	1	1	1	2	2	3	6	9	11	11
52.5°	1	1	2	2	2	4	7	10	13	15	18
50°	1	2	2	3	4	8	12	16	19	22	26
47.5°	2	2	3	4	8	13	18	22	26	31	37
45°	2	3	4	8	13	18	24	30	34	39	44
42.5°	3	5	7	11	18	25	31	36	40	46	53
40°	4	7	11	16	24	32	38	42	47	55	64
37.5°	6	10	14	22	30	38	44	50	57	66	76
35°	9	13	19	27	37	44	51	58	68	79	90
32.5°	11	15	24	33	42	50	57	68	78	90	106
30°	13	19	28	39	47	55	65	77	88	102	120
27.5°	16	23	33	43	52	60	73	85	97	113	135
25°	18	27	37	47	56	67	81	93	106	127	157
22.5°	21	31	42	51	60	74	89	104	121	142	178
20°	25	35	45	55	64	81	98	116	138	168	216
17.5°	28	38	49	60	71	88	107	129	156	193	263
15°	31	41	53	65	78	95	116	143	176	222	309
12.5°	33	44	56	69	83	102	124	153	193	258	368
10°	36	46	60	73	88	108	132	162	206	284	412
7.5°	38	49	63	77	93	113	138	170	218	305	446
5°	39	52	66	80	96	117	143	175	228	320	473
2.5°	41	55	68	83	98	120	146	180	238	332	495
0°	42	57	70	85	100	123	149	184	245	341	512
-2.5°	43	59	72	86	103	125	151	187	248	342	509
-5°	45	59	74	88	105	126	151	188	248	339	499
-7.5°	46	60	75	89	107	126	151	187	245	334	482
-10°	46	61	76	90	107	126	150	185	239	322	456
-12.5°	47	61	76	90	107	125	149	181	230	306	423
-15°	48	62	76	90	106	124	145	175	218	284	382
-17.5°	48	62	76	90	105	122	141	168	207	265	353
-20°	48	62	75	88	104	120	138	163	197	246	317

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

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	48	61	75	87	102	118	135	156	185	225	283
-25°	47	60	74	86	100	115	130	149	174	210	258
-27.5°	45	59	72	85	97	112	126	144	166	193	231
-30°	43	57	70	83	95	109	123	137	157	181	211
-32.5°	41	56	68	80	93	106	119	132	149	169	193
-35°	39	53	66	77	90	102	115	127	141	159	179
-37.5°	38	50	63	74	86	99	110	122	135	149	167
-40°	37	48	61	72	82	94	106	117	129	143	157
-42.5°	35	46	58	69	79	90	101	112	124	136	150
-45°	34	44	55	65	76	86	97	107	118	130	143
-47.5°	32	41	52	61	71	82	92	102	112	123	135
-50°	30	39	48	57	66	76	87	97	107	116	127
-52.5°	27	35	44	53	61	70	81	91	101	110	119
-55°	25	32	40	49	57	65	74	84	94	103	113
-57.5°	23	29	37	45	53	61	69	78	87	96	106
-60°	21	26	32	40	48	56	64	72	81	89	98
-62.5°	19	23	29	35	42	50	58	65	74	81	89
-65°	17	21	25	30	36	43	51	58	65	72	78
-67.5°	15	18	22	26	31	37	43	49	56	63	69
-70°	13	16	19	22	26	31	36	42	47	53	59
-72.5°	11	13	16	19	22	26	30	35	39	44	49
-75°	9	11	13	15	18	21	25	29	33	36	41
-77.5°	7	9	10	12	14	17	20	23	26	29	32
-80°	5	7	8	10	11	13	15	17	19	22	24
-82.5°	4	5	6	7	8	9	11	12	14	16	17
-85°	3	4	4	5	5	6	7	8	9	10	11
-87.5°	2	2	2	2	3	3	3	4	4	5	5
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626636 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-750-U-MWR-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	0	0	0	0	0	1	1	1	1
60°	3	2	3	3	3	2	4	4	4	3	3
57.5°	7	8	9	10	11	12	13	14	15	15	16
55°	13	16	18	20	22	25	28	29	29	30	32
52.5°	21	24	25	28	32	35	36	39	41	44	46
50°	31	33	36	40	44	47	48	52	57	61	64
47.5°	40	44	49	56	60	63	67	72	78	84	89
45°	49	55	62	69	73	79	84	91	100	108	115
42.5°	59	66	73	81	86	95	105	112	125	136	143
40°	71	78	88	97	108	119	136	152	168	187	201
37.5°	85	96	111	125	141	157	188	219	245	282	302
35°	102	119	140	161	186	226	271	332	395	448	499
32.5°	122	143	172	209	252	316	384	496	605	715	822
30°	141	172	216	267	338	439	566	740	928	1093	1242
27.5°	167	211	267	345	465	612	848	1089	1329	1542	1696
25°	198	257	337	465	638	883	1199	1494	1775	1985	2162
22.5°	244	332	445	608	923	1263	1641	2013	2328	2593	2767
20°	299	419	608	903	1274	1699	2185	2576	2965	3263	3528
17.5°	379	568	836	1211	1653	2220	2721	3157	3651	3955	4226
15°	450	693	1075	1553	2072	2673	3263	3798	4274	4608	4911
12.5°	540	827	1266	1828	2395	3064	3678	4250	4717	5061	5273
10°	620	963	1456	2044	2679	3377	4014	4609	5062	5327	5483
7.5°	685	1077	1610	2229	2899	3602	4274	4865	5298	5520	5627
5°	736	1161	1730	2380	3076	3796	4482	5060	5425	5609	5668
2.5°	773	1219	1811	2480	3196	3939	4639	5209	5520	5653	5673
0°	799	1260	1864	2542	3298	3990	4724	5303	5599	5705	5716
-2.5°	793	1245	1862	2520	3286	4013	4738	5309	5626	5769	5792
-5°	777	1210	1800	2455	3193	3920	4612	5216	5604	5820	5915
-7.5°	746	1150	1694	2332	3042	3770	4475	5101	5548	5852	6039
-10°	693	1061	1559	2176	2875	3569	4267	4916	5397	5763	6024
-12.5°	620	941	1395	1955	2658	3306	3966	4589	5114	5565	5834
-15°	546	816	1224	1736	2349	2987	3596	4207	4726	5147	5483
-17.5°	492	707	1025	1474	2012	2617	3212	3773	4241	4637	4990
-20°	425	584	837	1214	1687	2216	2786	3286	3703	4075	4412



REPORT NUMBER: P626636 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	371	500	683	940	1365	1832	2298	2758	3151	3482	3769
-25°	323	413	556	765	1041	1444	1837	2226	2588	2896	3155
-27.5°	285	357	451	600	810	1045	1390	1714	2026	2307	2551
-30°	250	304	378	471	614	789	996	1238	1487	1709	1931
-32.5°	225	263	314	383	463	588	714	877	1034	1196	1355
-35°	202	233	268	314	369	442	525	624	708	814	912
-37.5°	187	209	235	264	304	344	400	461	513	572	622
-40°	174	191	209	229	256	283	319	354	387	423	449
-42.5°	164	177	190	205	221	243	268	289	309	330	348
-45°	155	165	176	188	200	216	233	249	262	274	283
-47.5°	146	155	165	174	184	196	207	217	228	237	244
-50°	137	146	155	163	172	181	189	198	205	212	216
-52.5°	129	138	146	153	161	169	176	183	190	196	199
-55°	122	131	139	146	152	158	165	172	178	184	186
-57.5°	115	124	132	138	143	149	155	162	168	173	175
-60°	106	116	123	128	134	141	146	152	158	162	164
-62.5°	97	105	111	117	122	127	134	140	146	150	153
-65°	85	92	98	104	109	114	120	125	131	135	138
-67.5°	74	80	85	90	95	100	106	111	116	120	122
-70°	64	69	74	79	83	88	92	97	101	104	107
-72.5°	54	59	63	67	71	75	79	83	86	89	92
-75°	45	49	52	56	59	62	65	68	71	74	76
-77.5°	35	39	42	45	48	50	52	55	57	59	61
-80°	27	29	32	34	36	38	40	41	43	45	46
-82.5°	19	21	22	24	25	27	28	29	30	32	33
-85°	12	13	14	15	16	16	17	18	19	19	20
-87.5°	6	6	7	7	7	8	8	9	9	9	10
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626636 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	1	1	1	1	1	1	1
60°	3	3	3	3	3	3	3	3	3	4	4
57.5°	15	14	13	12	13	14	15	16	15	15	14
55°	33	35	36	36	36	35	33	32	30	29	29
52.5°	47	48	48	47	48	48	47	46	44	41	39
50°	65	65	64	63	64	65	65	64	61	57	52
47.5°	91	93	93	93	93	93	91	89	84	78	72
45°	117	118	119	119	119	118	117	115	108	100	91
42.5°	147	149	150	149	150	149	147	143	136	125	112
40°	208	211	210	207	210	211	208	201	187	168	152
37.5°	316	326	330	330	330	326	316	302	282	245	219
35°	545	581	598	577	598	581	545	499	448	395	332
32.5°	910	974	1011	1011	1011	974	910	822	715	605	496
30°	1355	1435	1481	1491	1481	1435	1355	1242	1093	928	740
27.5°	1816	1899	1943	1937	1943	1899	1816	1696	1542	1329	1089
25°	2279	2342	2379	2380	2379	2342	2279	2162	1985	1775	1494
22.5°	2963	3096	3151	3165	3151	3096	2963	2767	2593	2328	2013
20°	3708	3837	3920	3925	3920	3837	3708	3528	3263	2965	2576
17.5°	4418	4482	4494	4499	4494	4482	4418	4226	3955	3651	3157
15°	5088	5110	5169	5177	5169	5110	5088	4911	4608	4274	3798
12.5°	5406	5426	5416	5388	5416	5426	5406	5273	5061	4717	4250
10°	5579	5550	5507	5455	5507	5550	5579	5483	5327	5062	4609
7.5°	5618	5586	5510	5434	5510	5586	5618	5627	5520	5298	4865
5°	5637	5542	5446	5355	5446	5542	5637	5668	5609	5425	5060
2.5°	5626	5513	5381	5283	5381	5513	5626	5673	5653	5520	5209
0°	5661	5548	5410	5373	5410	5548	5661	5716	5705	5599	5303
-2.5°	5762	5669	5597	5578	5597	5669	5762	5792	5769	5626	5309
-5°	5941	5921	5799	5827	5799	5921	5941	5915	5820	5604	5216
-7.5°	6115	6086	6034	6101	6034	6086	6115	6039	5852	5548	5101
-10°	6161	6152	6176	6235	6176	6152	6161	6024	5763	5397	4916
-12.5°	6020	6094	6177	6240	6177	6094	6020	5834	5565	5114	4589
-15°	5704	5856	5980	6039	5980	5856	5704	5483	5147	4726	4207
-17.5°	5239	5425	5572	5615	5572	5425	5239	4990	4637	4241	3773
-20°	4667	4856	4990	5044	4990	4856	4667	4412	4075	3703	3286

Classified

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

Scaled Data Report



REPORT NUMBER: P626636 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4023	4207	4329	4393	4329	4207	4023	3769	3482	3151	2758
-25°	3369	3531	3639	3668	3639	3531	3369	3155	2896	2588	2226
-27.5°	2744	2875	2954	2963	2954	2875	2744	2551	2307	2026	1714
-30°	2115	2236	2305	2342	2305	2236	2115	1931	1709	1487	1238
-32.5°	1485	1582	1640	1655	1640	1582	1485	1355	1196	1034	877
-35°	990	1050	1087	1095	1087	1050	990	912	814	708	624
-37.5°	662	691	709	718	709	691	662	622	572	513	461
-40°	469	483	490	492	490	483	469	449	423	387	354
-42.5°	359	366	369	370	369	366	359	348	330	309	289
-45°	290	295	298	299	298	295	290	283	274	262	249
-47.5°	248	251	253	254	253	251	248	244	237	228	217
-50°	219	221	221	221	221	221	219	216	212	205	198
-52.5°	200	202	202	202	202	202	200	199	196	190	183
-55°	187	188	188	187	188	188	187	186	184	178	172
-57.5°	176	177	177	176	177	177	176	175	173	168	162
-60°	166	167	167	167	167	167	166	164	162	158	152
-62.5°	156	158	158	158	158	158	156	153	150	146	140
-65°	141	143	143	142	143	143	141	138	135	131	125
-67.5°	124	126	126	126	126	126	124	122	120	116	111
-70°	109	111	111	111	111	111	109	107	104	101	97
-72.5°	94	96	96	96	96	96	94	92	89	86	83
-75°	78	79	79	79	79	79	78	76	74	71	68
-77.5°	62	64	64	63	64	64	62	61	59	57	55
-80°	48	49	49	48	49	49	48	46	45	43	41
-82.5°	34	35	34	34	34	35	34	33	32	30	29
-85°	21	21	21	22	21	21	21	20	19	19	18
-87.5°	10	10	10	9	10	10	10	10	9	9	9
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626636 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
60°	4	2	3	3	3	2	3	2	1	1	1
57.5°	13	12	11	10	9	8	7	7	6	4	1
55°	28	25	22	20	18	16	13	11	11	9	6
52.5°	36	35	32	28	25	24	21	18	15	13	10
50°	48	47	44	40	36	33	31	26	22	19	16
47.5°	67	63	60	56	49	44	40	37	31	26	22
45°	84	79	73	69	62	55	49	44	39	34	30
42.5°	105	95	86	81	73	66	59	53	46	40	36
40°	136	119	108	97	88	78	71	64	55	47	42
37.5°	188	157	141	125	111	96	85	76	66	57	50
35°	271	226	186	161	140	119	102	90	79	68	58
32.5°	384	316	252	209	172	143	122	106	90	78	68
30°	566	439	338	267	216	172	141	120	102	88	77
27.5°	848	612	465	345	267	211	167	135	113	97	85
25°	1199	883	638	465	337	257	198	157	127	106	93
22.5°	1641	1263	923	608	445	332	244	178	142	121	104
20°	2185	1699	1274	903	608	419	299	216	168	138	116
17.5°	2721	2220	1653	1211	836	568	379	263	193	156	129
15°	3263	2673	2072	1553	1075	693	450	309	222	176	143
12.5°	3678	3064	2395	1828	1266	827	540	368	258	193	153
10°	4014	3377	2679	2044	1456	963	620	412	284	206	162
7.5°	4274	3602	2899	2229	1610	1077	685	446	305	218	170
5°	4482	3796	3076	2380	1730	1161	736	473	320	228	175
2.5°	4639	3939	3196	2480	1811	1219	773	495	332	238	180
0°	4724	3990	3298	2542	1864	1260	799	512	341	245	184
-2.5°	4738	4013	3286	2520	1862	1245	793	509	342	248	187
-5°	4612	3920	3193	2455	1800	1210	777	499	339	248	188
-7.5°	4475	3770	3042	2332	1694	1150	746	482	334	245	187
-10°	4267	3569	2875	2176	1559	1061	693	456	322	239	185
-12.5°	3966	3306	2658	1955	1395	941	620	423	306	230	181
-15°	3596	2987	2349	1736	1224	816	546	382	284	218	175
-17.5°	3212	2617	2012	1474	1025	707	492	353	265	207	168
-20°	2786	2216	1687	1214	837	584	425	317	246	197	163

Classified

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

Scaled Data Report



REPORT NUMBER: P626636 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2298	1832	1365	940	683	500	371	283	225	185	156
-25°	1837	1444	1041	765	556	413	323	258	210	174	149
-27.5°	1390	1045	810	600	451	357	285	231	193	166	144
-30°	996	789	614	471	378	304	250	211	181	157	137
-32.5°	714	588	463	383	314	263	225	193	169	149	132
-35°	525	442	369	314	268	233	202	179	159	141	127
-37.5°	400	344	304	264	235	209	187	167	149	135	122
-40°	319	283	256	229	209	191	174	157	143	129	117
-42.5°	268	243	221	205	190	177	164	150	136	124	112
-45°	233	216	200	188	176	165	155	143	130	118	107
-47.5°	207	196	184	174	165	155	146	135	123	112	102
-50°	189	181	172	163	155	146	137	127	116	107	97
-52.5°	176	169	161	153	146	138	129	119	110	101	91
-55°	165	158	152	146	139	131	122	113	103	94	84
-57.5°	155	149	143	138	132	124	115	106	96	87	78
-60°	146	141	134	128	123	116	106	98	89	81	72
-62.5°	134	127	122	117	111	105	97	89	81	74	65
-65°	120	114	109	104	98	92	85	78	72	65	58
-67.5°	106	100	95	90	85	80	74	69	63	56	49
-70°	92	88	83	79	74	69	64	59	53	47	42
-72.5°	79	75	71	67	63	59	54	49	44	39	35
-75°	65	62	59	56	52	49	45	41	36	33	29
-77.5°	52	50	48	45	42	39	35	32	29	26	23
-80°	40	38	36	34	32	29	27	24	22	19	17
-82.5°	28	27	25	24	22	21	19	17	16	14	12
-85°	17	16	16	15	14	13	12	11	10	9	8
-87.5°	8	8	7	7	7	6	6	5	5	4	4
-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: P626636 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1B-750-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	1	0	0	0	0	0
62.5°	1	1	1	0	1	1	1	1	1	0	0
60°	1	1	1	1	1	1	1	1	1	1	0
57.5°	1	1	1	1	1	1	1	1	1	1	1
55°	3	2	2	1	1	1	1	1	1	1	1
52.5°	7	4	2	2	2	1	1	1	1	1	1
50°	12	8	4	3	2	2	1	1	1	1	1
47.5°	18	13	8	4	3	2	2	1	1	1	1
45°	24	18	13	8	4	3	2	2	1	1	1
42.5°	31	25	18	11	7	5	3	2	2	1	1
40°	38	32	24	16	11	7	4	2	2	1	1
37.5°	44	38	30	22	14	10	6	3	2	2	1
35°	51	44	37	27	19	13	9	4	3	2	1
32.5°	57	50	42	33	24	15	11	6	4	2	2
30°	65	55	47	39	28	19	13	8	4	3	2
27.5°	73	60	52	43	33	23	16	10	5	3	2
25°	81	67	56	47	37	27	18	12	7	4	2
22.5°	89	74	60	51	42	31	21	14	8	5	3
20°	98	81	64	55	45	35	25	16	10	6	3
17.5°	107	88	71	60	49	38	28	18	11	7	3
15°	116	95	78	65	53	41	31	21	12	8	4
12.5°	124	102	83	69	56	44	33	23	13	8	5
10°	132	108	88	73	60	46	36	25	15	9	5
7.5°	138	113	93	77	63	49	38	27	16	10	6
5°	143	117	96	80	66	52	39	28	18	10	7
2.5°	146	120	98	83	68	55	41	29	20	11	8
0°	149	123	100	85	70	57	42	30	21	11	8
-2.5°	151	125	103	86	72	59	43	31	22	13	8
-5°	151	126	105	88	74	59	45	33	23	14	9
-7.5°	151	126	107	89	75	60	46	34	24	15	9
-10°	150	126	107	90	76	61	46	35	25	16	9
-12.5°	149	125	107	90	76	61	47	35	25	17	9
-15°	145	124	106	90	76	62	48	36	25	17	9
-17.5°	141	122	105	90	76	62	48	36	25	17	10
-20°	138	120	104	88	75	62	48	35	25	17	10

Classified

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

Scaled Data Report



REPORT NUMBER: P626636 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	135	118	102	87	75	61	48	34	25	17	10
-25°	130	115	100	86	74	60	47	33	24	16	10
-27.5°	126	112	97	85	72	59	45	32	24	16	10
-30°	123	109	95	83	70	57	43	31	23	16	10
-32.5°	119	106	93	80	68	56	41	30	22	15	10
-35°	115	102	90	77	66	53	39	29	22	15	10
-37.5°	110	99	86	74	63	50	38	28	21	14	9
-40°	106	94	82	72	61	48	37	28	20	13	9
-42.5°	101	90	79	69	58	46	35	27	19	13	9
-45°	97	86	76	65	55	44	34	25	18	12	8
-47.5°	92	82	71	61	52	41	32	24	17	12	8
-50°	87	76	66	57	48	39	30	22	16	11	8
-52.5°	81	70	61	53	44	35	27	20	15	11	7
-55°	74	65	57	49	40	32	25	19	14	10	7
-57.5°	69	61	53	45	37	29	23	18	13	9	7
-60°	64	56	48	40	32	26	21	16	12	9	6
-62.5°	58	50	42	35	29	23	19	15	11	8	6
-65°	51	43	36	30	25	21	17	13	10	7	5
-67.5°	43	37	31	26	22	18	15	12	9	7	5
-70°	36	31	26	22	19	16	13	10	8	6	4
-72.5°	30	26	22	19	16	13	11	8	7	5	4
-75°	25	21	18	15	13	11	9	7	5	4	3
-77.5°	20	17	14	12	10	9	7	5	4	4	3
-80°	15	13	11	10	8	7	5	4	4	3	3
-82.5°	11	9	8	7	6	5	4	4	3	3	2
-85°	7	6	5	5	4	4	3	3	2	2	1
-87.5°	3	3	3	2	2	2	2	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: P626636 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0
62.5°	0	0	1	0	0	0	0
60°	0	0	1	0	0	0	0
57.5°	0	0	1	1	0	0	0
55°	1	0	1	1	0	0	0
52.5°	1	1	1	1	0	0	0
50°	1	1	1	1	0	0	0
47.5°	1	1	1	1	0	0	0
45°	1	1	1	1	0	0	0
42.5°	1	1	1	1	0	0	0
40°	1	1	1	1	1	0	0
37.5°	1	1	1	1	1	0	0
35°	2	1	1	1	1	0	0
32.5°	2	1	1	1	1	0	0
30°	2	1	1	1	1	0	0
27.5°	2	1	1	1	1	0	0
25°	2	2	1	1	1	0	0
22.5°	2	2	1	1	1	0	0
20°	2	2	1	1	1	0	0
17.5°	2	2	1	1	1	0	0
15°	2	2	1	1	1	0	0
12.5°	2	2	1	1	1	0	0
10°	2	2	1	1	1	0	0
7.5°	3	2	1	1	1	0	0
5°	3	2	1	1	1	0	0
2.5°	3	2	1	1	1	0	0
0°	3	2	1	1	1	0	0
-2.5°	4	2	1	1	1	0	0
-5°	4	2	1	1	1	0	0
-7.5°	5	2	1	1	1	0	0
-10°	5	2	1	1	1	0	0
-12.5°	5	2	1	1	1	0	0
-15°	6	3	1	1	1	0	0
-17.5°	6	3	1	1	1	0	0
-20°	6	3	2	1	1	0	0

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

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)