

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: P626574 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-750-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626574 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-14)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1A-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: 2792.7 lumens
Efficiency: N/A
Efficacy: 154.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 9846.7 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 1396.4 lumens
Beam Efficiency: 50.0%

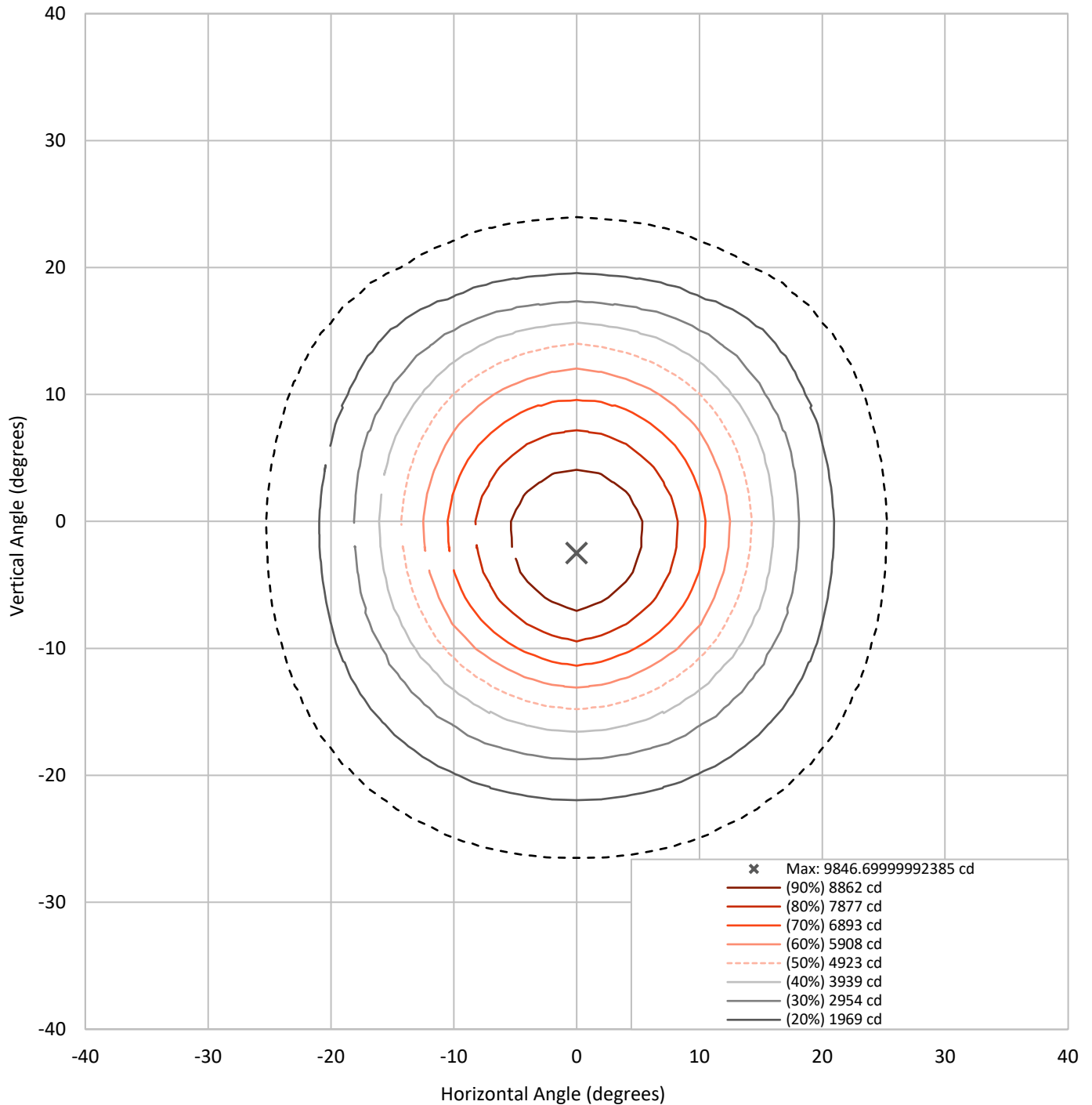
Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 2399.5 lumens
Field Efficiency: 85.9%

Input Watts (W): 18.1
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: P626574 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





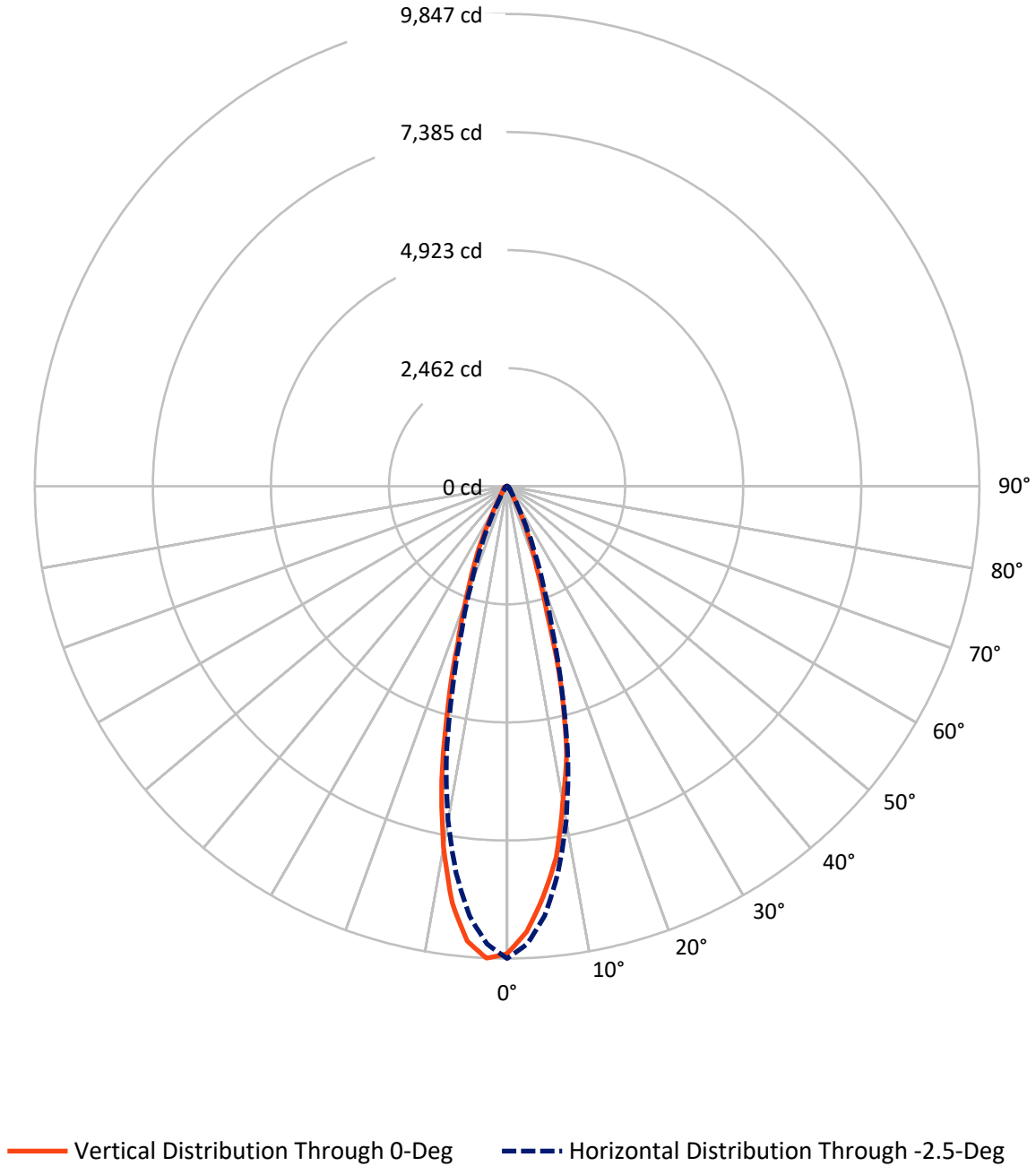
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Lumen Table

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	0.2	0.3	0.4	0.5	0.5	0.4	0.3	0.2	0.1	0.0		0.0			
40	0.0	0.0	0.1	0.3	0.6	0.9	1.3	1.5	1.5	1.3	0.9	0.6	0.3	0.1	0.0				
30		0.0	0.2	0.6	1.1	1.8	3.0	4.0	4.0	3.0	1.8	1.1	0.6	0.2		0.0			
20	0.0	0.1	0.4	0.9	1.7	4.2	13.3	24.3	24.3	13.3	4.2	1.7	0.9	0.4	0.1	0.0			
10		0.1	0.5	1.2	3.0	14.5	59.1	115.8	115.8	59.1	14.5	3.0	1.2	0.5	0.1				
0	0.0	0.2	0.6	1.5	4.3	27.7	119.4	234.1	234.1	119.4	27.7	4.3	1.5	0.6	0.2	0.0			
-10		0.2	0.7	1.6	4.6	29.0	122.5	248.2	248.2	122.5	29.0	4.6	1.6	0.7	0.2				
-20	0.1	0.2	0.7	1.5	3.7	17.8	67.8	131.3	131.3	67.8	17.8	3.7	1.5	0.7	0.2	0.1			
-30		0.2	0.7	1.4	2.7	6.9	21.0	37.4	37.4	21.0	6.9	2.7	1.4	0.7	0.2				
-40	0.1	0.2	0.6	1.2	2.1	3.4	5.6	7.5	7.5	5.6	3.4	2.1	1.2	0.6	0.2	0.1			
-50		0.2	0.5	1.0	1.6	2.4	3.1	3.5	3.5	3.1	2.4	1.6	1.0	0.5	0.2				
-60	0.0	0.1	0.4	0.8	1.3	1.8	2.2	2.4	2.4	2.2	1.8	1.3	0.8	0.4	0.1	0.0			
-70		0.1	0.2	0.5	0.9	1.2	1.5	1.7	1.7	1.5	1.2	0.9	0.5	0.2	0.1				
-80	0.0	0.2	0.8	1.8	2.3	1.8	0.8	0.2	0.0										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

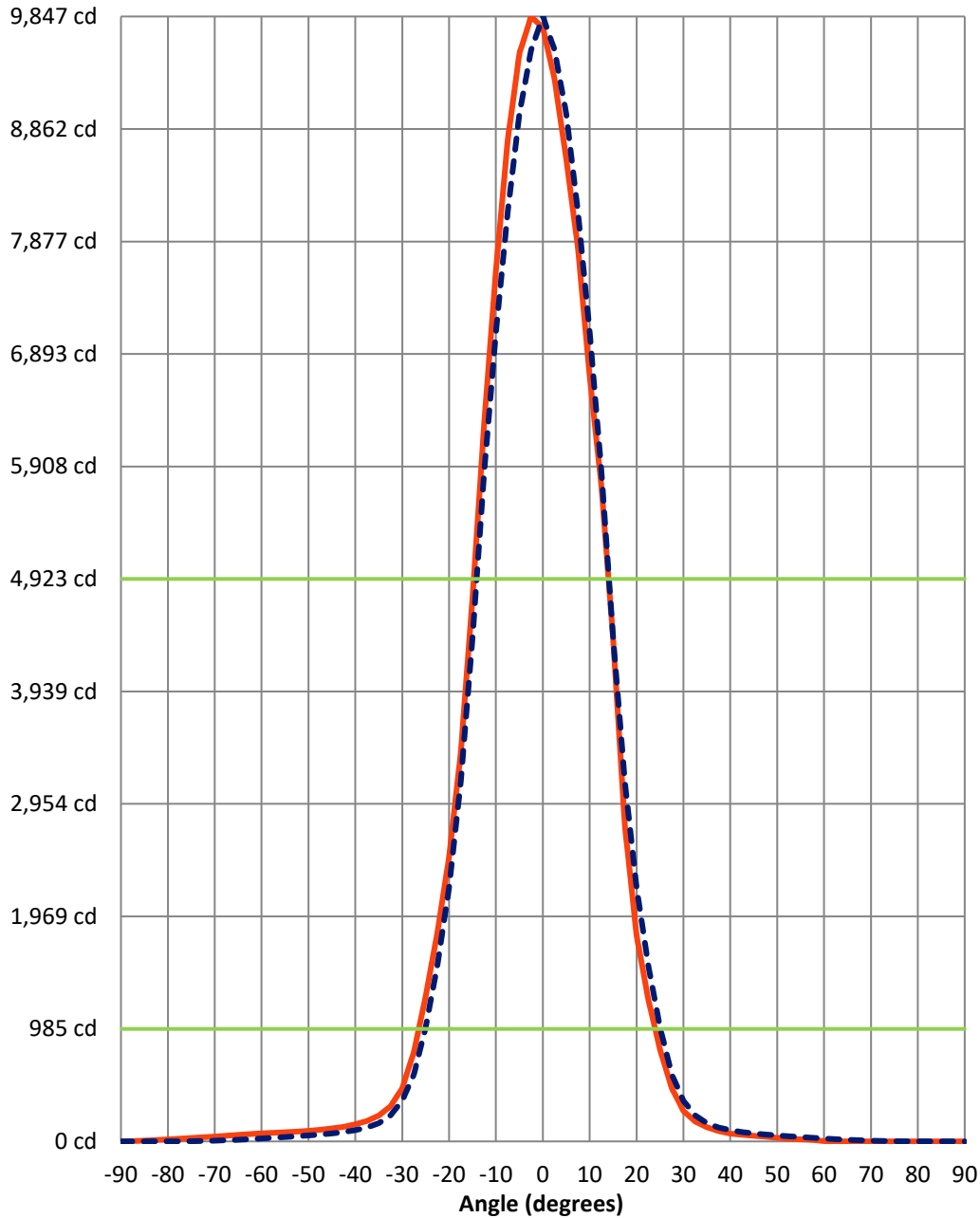
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 1396.4
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 2399.5
 Efficiency: 85.9%

Spill:
 Lumens: 393.3
 Efficiency: 14.1%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through -2.5-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

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

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REPORT NUMBER: P626574 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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	1	3	4	7	11	15
-25°	0	0	0	0	1	1	3	5	7	11	15
-27.5°	0	0	0	0	1	1	3	5	7	11	15
-30°	0	0	0	0	1	1	3	5	7	10	14
-32.5°	0	0	0	0	1	1	2	5	7	10	14
-35°	0	0	0	0	1	1	3	4	7	10	13
-37.5°	0	0	0	0	1	1	3	4	7	9	13
-40°	0	0	0	0	1	1	2	4	6	9	12
-42.5°	0	0	0	0	1	1	2	4	6	9	12
-45°	0	0	0	0	1	1	2	4	6	8	11
-47.5°	0	0	0	0	1	1	2	4	6	8	11
-50°	0	0	0	0	1	1	2	4	5	7	10
-52.5°	0	0	0	0	1	1	2	3	5	7	9
-55°	0	0	0	0	1	1	2	3	5	6	8
-57.5°	0	0	0	0	1	1	2	3	4	6	8
-60°	0	0	0	0	0	1	2	3	4	5	7
-62.5°	0	0	0	0	0	1	2	2	3	5	6
-65°	0	0	0	0	0	1	1	2	3	4	5
-67.5°	0	0	0	0	0	1	1	2	3	4	5
-70°	0	0	0	0	0	1	1	2	2	3	4
-72.5°	0	0	0	0	0	1	1	1	2	3	3
-75°	0	0	0	0	0	1	1	1	2	2	3
-77.5°	0	0	0	0	0	0	1	1	1	2	2
-80°	0	0	0	0	0	0	1	1	1	1	1
-82.5°	0	0	0	0	0	0	0	1	1	1	1
-85°	0	0	0	0	0	0	0	0	0	0	1
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626574 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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	0	0	1	1	1
57.5°	0	0	0	0	0	1	1	1	2	3	3
55°	0	0	0	1	1	1	2	3	4	5	6
52.5°	0	1	1	1	2	3	4	5	7	8	9
50°	1	1	1	2	3	5	6	8	10	11	13
47.5°	1	1	2	3	5	7	9	11	12	15	17
45°	1	2	3	5	7	10	12	14	16	19	21
42.5°	2	3	4	6	10	12	14	17	19	22	25
40°	2	4	6	9	12	15	17	20	23	26	29
37.5°	3	5	8	11	14	18	21	24	27	31	34
35°	4	7	10	13	17	20	24	27	31	35	39
32.5°	5	8	11	15	19	23	27	31	36	40	45
30°	6	10	13	17	21	26	30	35	40	44	50
27.5°	8	11	15	19	23	28	34	39	43	49	54
25°	9	13	17	21	26	31	37	42	47	53	60
22.5°	10	14	19	23	28	34	40	46	51	57	65
20°	12	16	20	25	30	36	43	49	56	63	72
17.5°	13	17	22	27	32	39	46	53	60	69	80
15°	14	18	24	29	35	42	49	57	65	76	88
12.5°	15	20	25	31	37	44	52	60	70	82	98
10°	16	21	27	33	39	46	54	63	73	86	105
7.5°	17	22	28	34	41	48	56	65	76	90	111
5°	17	23	29	35	42	50	58	67	78	93	115
2.5°	18	24	30	36	43	51	59	68	80	96	119
0°	19	25	31	37	44	51	59	69	81	98	121
-2.5°	19	26	32	38	45	52	60	70	82	99	121
-5°	20	26	32	39	45	53	61	70	82	99	122
-7.5°	20	27	33	39	46	53	61	70	82	99	122
-10°	20	27	33	39	46	53	61	70	82	97	120
-12.5°	21	27	33	40	46	53	61	69	81	96	116
-15°	21	27	33	39	46	53	60	68	79	93	111
-17.5°	21	27	33	39	46	53	59	67	77	91	107
-20°	21	27	33	39	45	52	59	66	76	87	103

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CATALOG NUMBER: GFLD-SA1A-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°	21	27	32	38	45	51	58	65	74	84	97
-25°	20	26	32	37	44	50	57	63	72	81	93
-27.5°	20	26	31	37	43	49	55	62	69	78	88
-30°	19	25	30	36	42	47	53	60	67	75	84
-32.5°	18	24	29	35	41	46	52	58	64	71	79
-35°	17	23	28	34	39	45	50	55	62	68	75
-37.5°	17	22	27	32	38	43	48	53	59	65	71
-40°	16	21	26	31	36	41	46	50	56	62	68
-42.5°	15	20	25	29	34	39	44	48	53	59	64
-45°	15	19	23	28	32	37	41	46	51	56	61
-47.5°	14	18	22	26	31	35	39	44	48	53	58
-50°	13	17	21	25	29	33	37	41	45	50	55
-52.5°	12	16	19	23	27	31	35	39	43	47	51
-55°	11	14	18	21	24	28	32	36	40	44	48
-57.5°	10	13	16	19	22	25	29	33	37	41	45
-60°	9	11	14	17	20	23	26	30	34	37	41
-62.5°	8	10	12	15	18	21	24	27	30	33	36
-65°	7	9	11	13	15	18	21	24	27	29	32
-67.5°	6	7	9	11	13	15	17	20	23	25	27
-70°	5	6	7	9	11	13	15	17	19	21	23
-72.5°	4	5	6	7	9	10	12	14	15	17	19
-75°	3	4	5	6	7	8	10	11	12	14	15
-77.5°	3	3	4	5	5	6	7	9	10	11	12
-80°	2	2	3	4	4	5	5	6	7	8	9
-82.5°	1	2	2	3	3	3	4	4	5	5	6
-85°	1	1	1	1	2	2	2	2	3	3	3
-87.5°	0	0	1	1	1	1	1	1	1	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626574 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	1	1	1	1	1	1	1	1
60°	2	2	2	3	3	2	3	3	3	3	3
57.5°	4	5	6	7	7	9	9	9	9	9	11
55°	8	8	9	10	12	13	14	14	15	16	17
52.5°	10	12	13	14	16	17	17	19	20	22	22
50°	15	16	18	20	21	23	24	26	28	30	31
47.5°	19	21	23	26	28	29	31	33	36	38	40
45°	24	26	28	31	33	35	37	40	43	46	48
42.5°	27	30	33	36	37	40	44	47	50	54	56
40°	32	34	38	41	44	47	52	56	60	64	67
37.5°	37	41	46	49	53	57	63	70	75	81	84
35°	44	49	54	58	63	70	79	88	97	105	111
32.5°	50	55	61	67	74	85	96	111	124	138	151
30°	55	61	68	76	88	103	120	143	167	192	220
27.5°	61	68	76	88	107	127	159	195	245	286	352
25°	67	75	86	105	131	167	223	286	391	481	582
22.5°	75	86	102	127	169	234	321	459	620	770	913
20°	84	100	126	166	227	326	491	701	925	1144	1356
17.5°	96	122	159	215	302	511	756	1056	1440	1729	2002
15°	108	139	197	287	450	720	1062	1521	2038	2473	2964
12.5°	121	159	228	346	579	935	1371	1919	2531	3190	3960
10°	133	180	268	431	713	1128	1617	2259	3045	3978	4951
7.5°	142	197	302	494	826	1285	1869	2651	3646	4736	5846
5°	148	210	328	544	922	1414	2053	2960	4094	5346	6450
2.5°	154	219	346	574	987	1501	2179	3125	4369	5744	6903
0°	158	225	355	596	1017	1542	2237	3191	4497	5939	7131
-2.5°	160	228	356	588	998	1540	2223	3150	4409	5862	7083
-5°	160	227	347	573	966	1485	2134	2996	4138	5501	6738
-7.5°	159	220	329	534	893	1387	2010	2766	3702	4904	6183
-10°	155	210	304	482	792	1235	1816	2455	3203	4184	5220
-12.5°	147	194	270	404	674	1063	1578	2142	2725	3370	4222
-15°	138	178	242	357	564	882	1299	1776	2259	2753	3273
-17.5°	131	164	214	294	433	690	1023	1407	1799	2191	2541
-20°	122	147	186	248	350	502	752	1050	1344	1663	1932

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

Scaled Data Report



REPORT NUMBER: P626574 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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°	114	135	164	204	272	379	522	732	954	1187	1407
-25°	106	122	146	177	218	281	376	486	642	785	948
-27.5°	100	113	129	153	183	218	276	340	422	490	599
-30°	94	105	118	133	155	182	213	252	292	332	384
-32.5°	88	97	107	119	133	153	173	198	219	244	269
-35°	82	90	99	108	119	132	147	163	178	192	206
-37.5°	78	84	92	99	108	117	128	140	150	159	167
-40°	73	79	85	92	98	106	115	123	130	136	141
-42.5°	70	75	79	85	91	97	104	111	115	120	123
-45°	66	71	75	79	84	90	96	101	104	108	110
-47.5°	62	66	70	74	79	84	88	92	95	98	100
-50°	59	63	66	69	73	78	82	85	88	90	91
-52.5°	55	59	62	66	69	72	76	79	81	84	85
-55°	52	55	58	62	65	68	71	74	76	78	79
-57.5°	48	52	55	58	61	63	66	69	71	73	74
-60°	44	48	51	53	56	59	61	63	66	68	69
-62.5°	40	43	46	48	50	53	55	57	59	61	62
-65°	34	37	40	42	44	46	48	50	52	53	54
-67.5°	29	31	34	36	38	40	42	44	45	46	47
-70°	25	27	29	31	32	34	36	37	39	40	41
-72.5°	20	22	24	26	27	29	30	32	33	34	35
-75°	17	18	20	21	23	24	25	26	27	28	29
-77.5°	13	14	15	17	18	19	20	20	21	22	22
-80°	10	11	12	12	13	14	15	15	16	16	17
-82.5°	7	7	8	9	9	10	10	10	11	11	12
-85°	4	4	5	5	5	6	6	6	7	7	7
-87.5°	2	2	2	2	2	2	2	2	2	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626574 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-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°	3	2	2	3	2	2	3	3	3	3	3
57.5°	12	12	13	13	13	12	12	11	9	9	9
55°	18	18	18	18	18	18	18	17	16	15	14
52.5°	23	23	23	22	23	23	23	22	22	20	19
50°	32	31	31	32	31	31	32	31	30	28	26
47.5°	41	41	41	41	41	41	41	40	38	36	33
45°	48	49	49	49	49	49	48	48	46	43	40
42.5°	57	57	58	58	58	57	57	56	54	50	47
40°	68	68	68	68	68	68	68	67	64	60	56
37.5°	87	88	89	91	89	88	87	84	81	75	70
35°	116	120	121	124	121	120	116	111	105	97	88
32.5°	161	167	171	174	171	167	161	151	138	124	111
30°	239	252	257	267	257	252	239	220	192	167	143
27.5°	400	431	443	468	443	431	400	352	286	245	195
25°	674	740	776	804	776	740	674	582	481	391	286
22.5°	1057	1153	1204	1242	1204	1153	1057	913	770	620	459
20°	1548	1675	1750	1805	1750	1675	1548	1356	1144	925	701
17.5°	2353	2552	2668	2768	2668	2552	2353	2002	1729	1440	1056
15°	3513	3912	4222	4395	4222	3912	3513	2964	2473	2038	1521
12.5°	4641	5226	5573	5733	5573	5226	4641	3960	3190	2531	1919
10°	5757	6308	6639	6697	6639	6308	5757	4951	3978	3045	2259
7.5°	6611	7217	7657	7816	7657	7217	6611	5846	4736	3646	2651
5°	7365	8075	8540	8599	8540	8075	7365	6450	5346	4094	2960
2.5°	7920	8692	9143	9298	9143	8692	7920	6903	5744	4369	3125
0°	8189	9020	9522	9748	9522	9020	8189	7131	5939	4497	3191
-2.5°	8132	8992	9552	9847	9552	8992	8132	7083	5862	4409	3150
-5°	7823	8686	9208	9520	9208	8686	7823	6738	5501	4138	2996
-7.5°	7110	7917	8472	8761	8472	7917	7110	6183	4904	3702	2766
-10°	6191	6874	7380	7626	7380	6874	6191	5220	4184	3203	2455
-12.5°	4997	5659	6116	6290	6116	5659	4997	4222	3370	2725	2142
-15°	3829	4334	4659	4762	4659	4334	3829	3273	2753	2259	1776
-17.5°	2904	3176	3358	3408	3358	3176	2904	2541	2191	1799	1407
-20°	2175	2344	2462	2491	2462	2344	2175	1932	1663	1344	1050

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REPORT NUMBER: P626574 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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°	1585	1712	1807	1827	1807	1712	1585	1407	1187	954	732
-25°	1093	1199	1264	1269	1264	1199	1093	948	785	642	486
-27.5°	685	744	774	784	774	744	685	599	490	422	340
-30°	424	450	465	465	465	450	424	384	332	292	252
-32.5°	288	300	308	308	308	300	288	269	244	219	198
-35°	215	222	226	226	226	222	215	206	192	178	163
-37.5°	173	177	179	179	179	177	173	167	159	150	140
-40°	145	147	149	150	149	147	145	141	136	130	123
-42.5°	125	127	128	127	128	127	125	123	120	115	111
-45°	112	113	113	114	113	113	112	110	108	104	101
-47.5°	101	101	102	102	102	101	101	100	98	95	92
-50°	92	93	93	92	93	93	92	91	90	88	85
-52.5°	85	85	86	86	86	85	85	85	84	81	79
-55°	80	80	80	80	80	80	80	79	78	76	74
-57.5°	75	75	75	75	75	75	75	74	73	71	69
-60°	70	70	71	71	71	70	70	69	68	66	63
-62.5°	63	63	64	64	64	63	63	62	61	59	57
-65°	55	55	56	57	56	55	55	54	53	52	50
-67.5°	48	48	49	50	49	48	48	47	46	45	44
-70°	41	42	42	42	42	42	41	41	40	39	37
-72.5°	35	36	36	36	36	36	35	35	34	33	32
-75°	29	30	30	30	30	30	29	29	28	27	26
-77.5°	23	23	24	24	24	23	23	22	22	21	20
-80°	17	18	18	17	18	18	17	17	16	16	15
-82.5°	12	12	12	12	12	12	12	12	11	11	10
-85°	7	7	7	7	7	7	7	7	7	7	6
-87.5°	3	3	3	3	3	3	3	3	3	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626574 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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	0	0	0	0	0	0	0
60°	3	2	3	3	2	2	2	1	1	1	0
57.5°	9	9	7	7	6	5	4	3	3	2	1
55°	14	13	12	10	9	8	8	6	5	4	3
52.5°	17	17	16	14	13	12	10	9	8	7	5
50°	24	23	21	20	18	16	15	13	11	10	8
47.5°	31	29	28	26	23	21	19	17	15	12	11
45°	37	35	33	31	28	26	24	21	19	16	14
42.5°	44	40	37	36	33	30	27	25	22	19	17
40°	52	47	44	41	38	34	32	29	26	23	20
37.5°	63	57	53	49	46	41	37	34	31	27	24
35°	79	70	63	58	54	49	44	39	35	31	27
32.5°	96	85	74	67	61	55	50	45	40	36	31
30°	120	103	88	76	68	61	55	50	44	40	35
27.5°	159	127	107	88	76	68	61	54	49	43	39
25°	223	167	131	105	86	75	67	60	53	47	42
22.5°	321	234	169	127	102	86	75	65	57	51	46
20°	491	326	227	166	126	100	84	72	63	56	49
17.5°	756	511	302	215	159	122	96	80	69	60	53
15°	1062	720	450	287	197	139	108	88	76	65	57
12.5°	1371	935	579	346	228	159	121	98	82	70	60
10°	1617	1128	713	431	268	180	133	105	86	73	63
7.5°	1869	1285	826	494	302	197	142	111	90	76	65
5°	2053	1414	922	544	328	210	148	115	93	78	67
2.5°	2179	1501	987	574	346	219	154	119	96	80	68
0°	2237	1542	1017	596	355	225	158	121	98	81	69
-2.5°	2223	1540	998	588	356	228	160	121	99	82	70
-5°	2134	1485	966	573	347	227	160	122	99	82	70
-7.5°	2010	1387	893	534	329	220	159	122	99	82	70
-10°	1816	1235	792	482	304	210	155	120	97	82	70
-12.5°	1578	1063	674	404	270	194	147	116	96	81	69
-15°	1299	882	564	357	242	178	138	111	93	79	68
-17.5°	1023	690	433	294	214	164	131	107	91	77	67
-20°	752	502	350	248	186	147	122	103	87	76	66

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P626574 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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°	522	379	272	204	164	135	114	97	84	74	65
-25°	376	281	218	177	146	122	106	93	81	72	63
-27.5°	276	218	183	153	129	113	100	88	78	69	62
-30°	213	182	155	133	118	105	94	84	75	67	60
-32.5°	173	153	133	119	107	97	88	79	71	64	58
-35°	147	132	119	108	99	90	82	75	68	62	55
-37.5°	128	117	108	99	92	84	78	71	65	59	53
-40°	115	106	98	92	85	79	73	68	62	56	50
-42.5°	104	97	91	85	79	75	70	64	59	53	48
-45°	96	90	84	79	75	71	66	61	56	51	46
-47.5°	88	84	79	74	70	66	62	58	53	48	44
-50°	82	78	73	69	66	63	59	55	50	45	41
-52.5°	76	72	69	66	62	59	55	51	47	43	39
-55°	71	68	65	62	58	55	52	48	44	40	36
-57.5°	66	63	61	58	55	52	48	45	41	37	33
-60°	61	59	56	53	51	48	44	41	37	34	30
-62.5°	55	53	50	48	46	43	40	36	33	30	27
-65°	48	46	44	42	40	37	34	32	29	27	24
-67.5°	42	40	38	36	34	31	29	27	25	23	20
-70°	36	34	32	31	29	27	25	23	21	19	17
-72.5°	30	29	27	26	24	22	20	19	17	15	14
-75°	25	24	23	21	20	18	17	15	14	12	11
-77.5°	20	19	18	17	15	14	13	12	11	10	9
-80°	15	14	13	12	12	11	10	9	8	7	6
-82.5°	10	10	9	9	8	7	7	6	5	5	4
-85°	6	6	5	5	5	4	4	3	3	3	2
-87.5°	2	2	2	2	2	2	2	1	1	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626574 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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°	0	0	0	0	0	0	0	0	0	0	0
57.5°	1	1	0	0	0	0	0	0	0	0	0
55°	2	1	1	1	0	0	0	0	0	0	0
52.5°	4	3	2	1	1	1	0	0	0	0	0
50°	6	5	3	2	1	1	1	0	0	1	0
47.5°	9	7	5	3	2	1	1	1	0	1	0
45°	12	10	7	5	3	2	1	1	1	1	1
42.5°	14	12	10	6	4	3	2	1	1	1	1
40°	17	15	12	9	6	4	2	1	1	1	1
37.5°	21	18	14	11	8	5	3	2	1	1	1
35°	24	20	17	13	10	7	4	3	1	1	1
32.5°	27	23	19	15	11	8	5	3	2	1	1
30°	30	26	21	17	13	10	6	4	3	1	1
27.5°	34	28	23	19	15	11	8	5	3	2	1
25°	37	31	26	21	17	13	9	6	4	2	1
22.5°	40	34	28	23	19	14	10	7	4	3	1
20°	43	36	30	25	20	16	12	8	5	3	2
17.5°	46	39	32	27	22	17	13	9	6	3	2
15°	49	42	35	29	24	18	14	10	7	4	2
12.5°	52	44	37	31	25	20	15	11	7	4	2
10°	54	46	39	33	27	21	16	11	8	4	3
7.5°	56	48	41	34	28	22	17	12	8	5	3
5°	58	50	42	35	29	23	17	13	9	5	3
2.5°	59	51	43	36	30	24	18	13	9	5	3
0°	59	51	44	37	31	25	19	14	10	6	4
-2.5°	60	52	45	38	32	26	19	14	10	6	4
-5°	61	53	45	39	32	26	20	14	11	7	4
-7.5°	61	53	46	39	33	27	20	15	11	7	4
-10°	61	53	46	39	33	27	20	15	11	7	4
-12.5°	61	53	46	40	33	27	21	15	11	8	4
-15°	60	53	46	39	33	27	21	15	11	8	4
-17.5°	59	53	46	39	33	27	21	16	11	8	4
-20°	59	52	45	39	33	27	21	15	11	7	4

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REPORT NUMBER: P626574 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-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°	58	51	45	38	32	27	21	15	11	7	4
-25°	57	50	44	37	32	26	20	15	11	7	5
-27.5°	55	49	43	37	31	26	20	15	11	7	5
-30°	53	47	42	36	30	25	19	14	10	7	5
-32.5°	52	46	41	35	29	24	18	14	10	7	5
-35°	50	45	39	34	28	23	17	13	10	7	4
-37.5°	48	43	38	32	27	22	17	13	9	7	4
-40°	46	41	36	31	26	21	16	12	9	6	4
-42.5°	44	39	34	29	25	20	15	12	9	6	4
-45°	41	37	32	28	23	19	15	11	8	6	4
-47.5°	39	35	31	26	22	18	14	11	8	6	4
-50°	37	33	29	25	21	17	13	10	7	5	4
-52.5°	35	31	27	23	19	16	12	9	7	5	3
-55°	32	28	24	21	18	14	11	8	6	5	3
-57.5°	29	25	22	19	16	13	10	8	6	4	3
-60°	26	23	20	17	14	11	9	7	5	4	3
-62.5°	24	21	18	15	12	10	8	6	5	3	2
-65°	21	18	15	13	11	9	7	5	4	3	2
-67.5°	17	15	13	11	9	7	6	5	4	3	2
-70°	15	13	11	9	7	6	5	4	3	2	2
-72.5°	12	10	9	7	6	5	4	3	3	2	1
-75°	10	8	7	6	5	4	3	3	2	2	1
-77.5°	7	6	5	5	4	3	3	2	2	1	1
-80°	5	5	4	4	3	2	2	1	1	1	1
-82.5°	4	3	3	3	2	2	1	1	1	1	1
-85°	2	2	2	1	1	1	1	1	0	0	0
-87.5°	1	1	1	1	1	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P626574 (CONVERTED FROM TYPE C PHOTOMETRY)

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

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REPORT NUMBER: P626574 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)