

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: P626644 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-722-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626644 (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-722-U-MR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4116.9 lumens
Efficiency: N/A
Efficacy: 94.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 14515.3 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 2058.5 lumens
Beam Efficiency: 50.0%

Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 3537.1 lumens
Field Efficiency: 85.9%

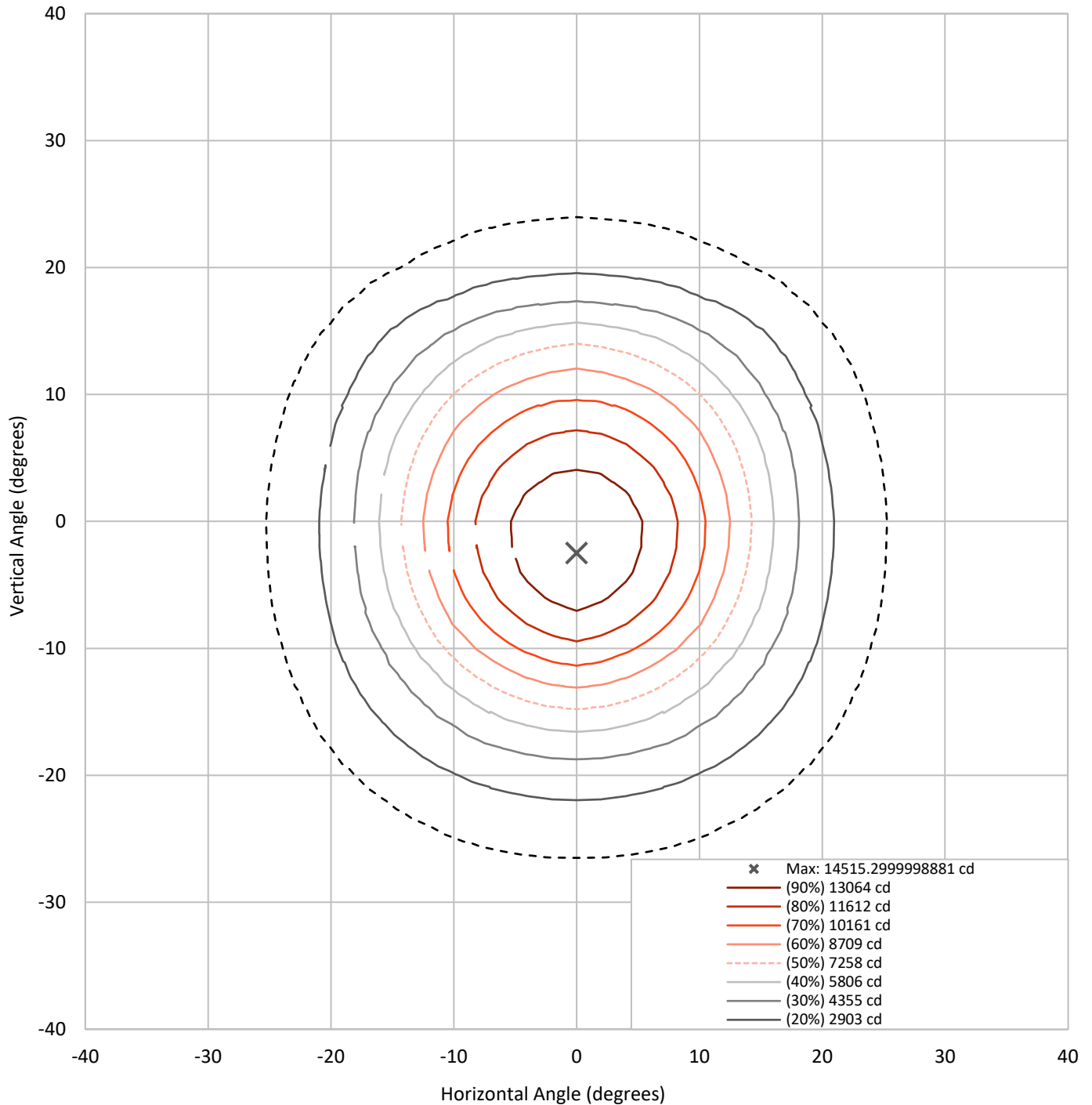
Input Watts (W): 43.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA1C-722-U-MR-VSR-XX

Iso-Candela Plot





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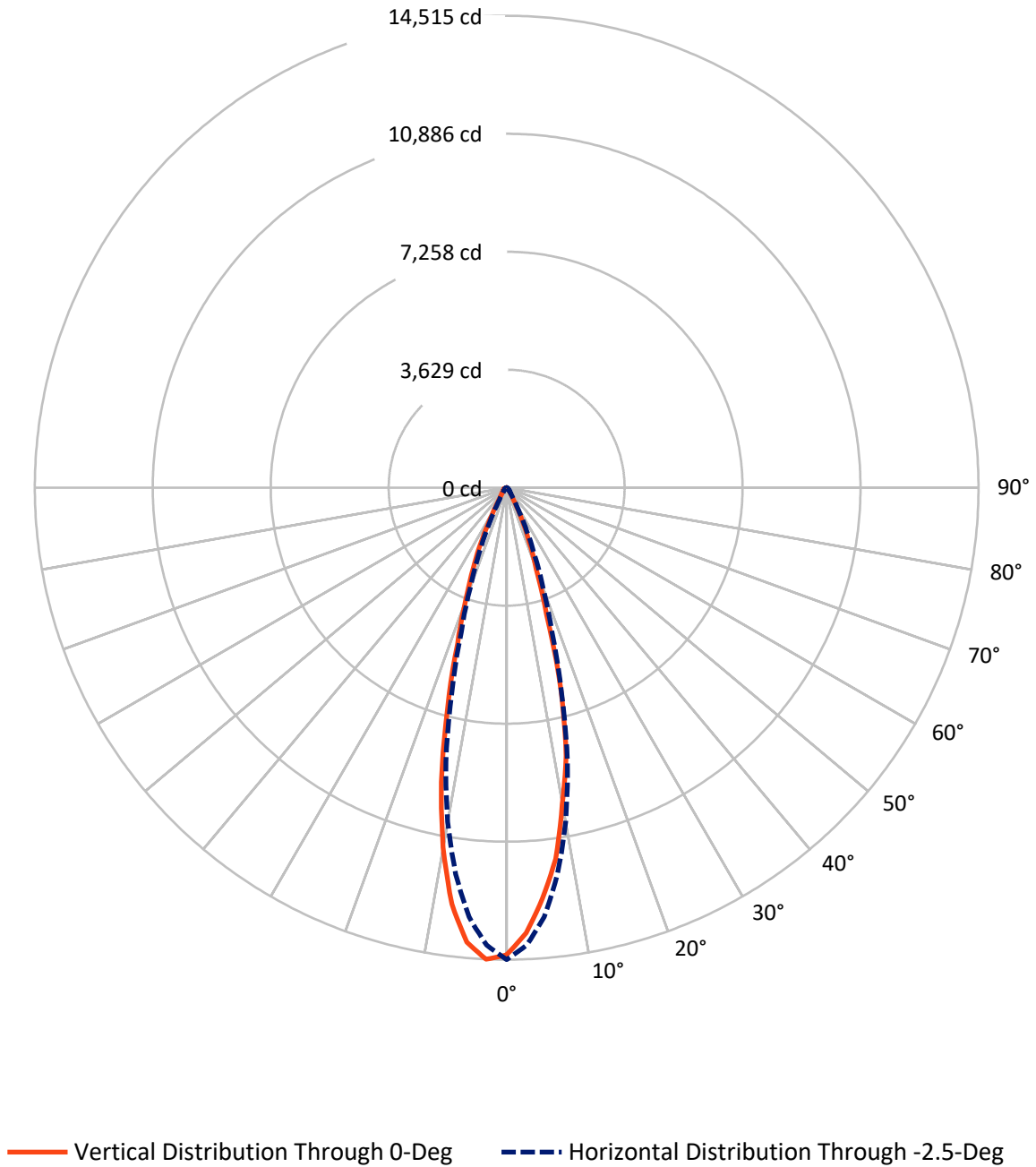
CATALOG NUMBER: GFLD-SA1C-722-U-MR-VSR-XX

Lumen Table

90																			
80	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	0.8	0.8	0.7	0.5	0.3	0.1	0.0		0.0			
40	0.0	0.0	0.1	0.4	0.9	1.3	1.9	2.2	2.2	1.9	1.3	0.9	0.4	0.1	0.0				
30		0.1	0.3	0.9	1.6	2.7	4.4	5.9	5.9	4.4	2.7	1.6	0.9	0.3	0.1				
20	0.0	0.1	0.6	1.3	2.6	6.2	19.5	35.8	35.8	19.5	6.2	2.6	1.3	0.6	0.1				
10		0.2	0.8	1.8	4.4	21.4	87.2	170.7	170.7	87.2	21.4	4.4	1.8	0.8	0.2				
0	0.1	0.3	0.9	2.2	6.3	40.9	176.0	345.0	345.0	176.0	40.9	6.3	2.2	0.9	0.3				
-10		0.3	1.0	2.3	6.7	42.8	180.6	365.9	365.9	180.6	42.8	6.7	2.3	1.0	0.3				
-20	0.1	0.3	1.0	2.2	5.5	26.3	99.9	193.6	193.6	99.9	26.3	5.5	2.2	1.0	0.3				
-30		0.3	1.0	2.1	4.0	10.2	30.9	55.2	55.2	30.9	10.2	4.0	2.1	1.0	0.3				
-40	0.1	0.3	0.9	1.8	3.1	5.0	8.2	11.0	11.0	8.2	5.0	3.1	1.8	0.9	0.3				
-50		0.2	0.7	1.5	2.4	3.5	4.6	5.1	5.1	4.6	3.5	2.4	1.5	0.7	0.2				
-60	0.0	0.2	0.5	1.1	1.9	2.6	3.3	3.6	3.6	3.3	2.6	1.9	1.1	0.5	0.2				
-70		0.1	0.3	0.8	1.3	1.8	2.3	2.5	2.5	2.3	1.8	1.3	0.8	0.3	0.1				
-80	0.0	0.3		1.2		2.6		3.3		2.6		1.2		0.3					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

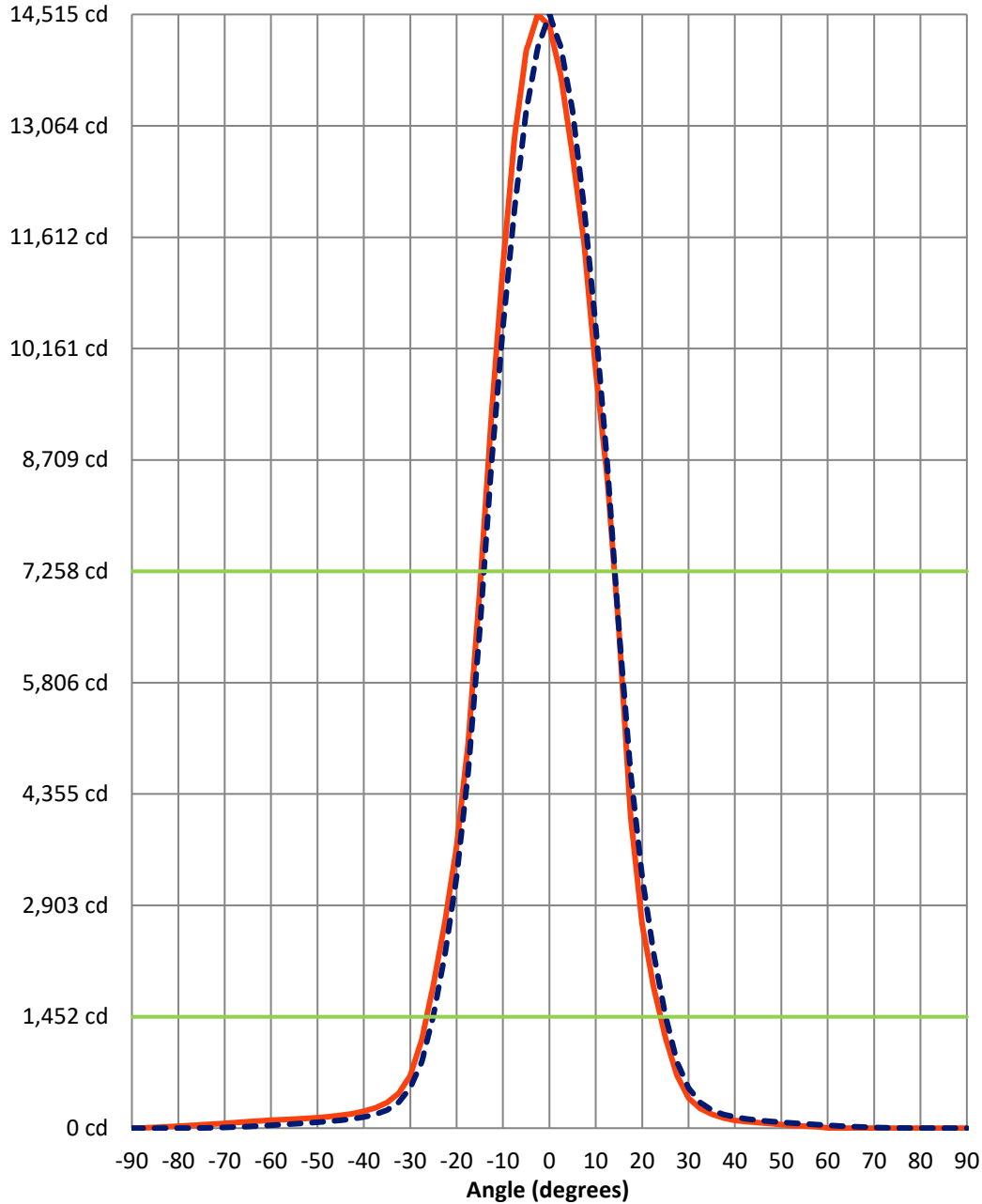
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 28.2°
V Angle: 28.7°
Lumens: 2058.5
Efficiency: 50.0%

Field:
H Angle: 50.2°
V Angle: 50.4°
Lumens: 3537.1
Efficiency: 85.9%

Spill:
Lumens: 579.7
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	0	1	1	1
47.5°	0	0	0	0	0	0	0	1	1	1	1
45°	0	0	0	0	0	0	0	1	1	1	1
42.5°	0	0	0	0	0	0	1	1	1	1	1
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	1	2	4
32.5°	0	0	0	0	0	1	1	1	2	3	5
30°	0	0	0	0	0	1	1	1	2	4	6
27.5°	0	0	0	0	0	1	1	1	3	5	7
25°	0	0	0	0	1	1	1	2	3	6	9
22.5°	0	0	0	0	1	1	1	2	4	7	10
20°	0	0	0	0	1	1	1	2	4	8	12
17.5°	0	0	0	0	1	1	1	3	5	9	13
15°	0	0	0	0	1	1	1	3	6	10	14
12.5°	0	0	0	0	1	1	1	4	6	11	16
10°	0	0	0	0	1	1	1	4	7	12	17
7.5°	0	0	0	0	1	1	1	4	7	12	18
5°	0	0	0	0	1	1	2	5	7	13	19
2.5°	0	0	0	0	1	1	2	5	8	14	19
0°	0	0	0	0	1	1	2	5	8	15	20
-2.5°	0	0	0	0	1	1	2	5	8	15	20
-5°	0	0	0	0	1	1	3	6	10	16	21
-7.5°	0	0	0	0	1	1	3	6	10	16	21
-10°	0	0	0	0	1	1	3	6	11	16	22
-12.5°	0	0	0	0	1	1	3	6	11	16	22
-15°	0	0	0	0	1	1	4	6	11	17	23
-17.5°	0	0	0	0	1	1	4	6	11	17	23
-20°	0	0	0	0	1	1	4	6	11	17	23

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CATALOG NUMBER: GFLD-SA1C-722-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	4	7	11	17	23
-25°	0	0	0	0	1	2	4	7	10	16	22
-27.5°	0	0	0	0	1	2	4	7	10	16	21
-30°	0	0	0	0	1	2	4	7	10	15	21
-32.5°	0	0	0	0	1	2	4	7	10	15	20
-35°	0	0	0	0	1	2	4	7	10	14	19
-37.5°	0	0	0	0	1	2	4	6	10	13	18
-40°	0	0	0	0	1	2	4	6	9	13	18
-42.5°	0	0	0	0	1	2	4	6	9	13	17
-45°	0	0	0	0	1	2	3	6	9	12	16
-47.5°	0	0	0	0	1	2	3	6	8	11	16
-50°	0	0	0	0	1	2	3	5	8	11	15
-52.5°	0	0	0	0	1	2	3	5	7	10	13
-55°	0	0	0	0	1	2	3	4	7	9	12
-57.5°	0	0	0	0	1	2	3	4	6	8	11
-60°	0	0	0	0	1	1	2	4	5	8	10
-62.5°	0	0	0	0	1	1	2	3	5	7	9
-65°	0	0	0	0	1	1	2	3	4	6	8
-67.5°	0	0	0	0	1	1	2	3	4	5	7
-70°	0	0	0	0	1	1	2	2	3	4	6
-72.5°	0	0	0	0	0	1	2	2	3	4	5
-75°	0	0	0	0	0	1	1	2	2	3	4
-77.5°	0	0	0	0	0	1	1	1	2	2	3
-80°	0	0	0	0	0	1	1	1	1	2	2
-82.5°	0	0	0	0	0	0	1	1	1	1	1
-85°	0	0	0	0	0	0	0	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: P626644 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-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	0	1	1	1	2	3	4	5
55°	0	1	1	1	1	2	3	5	6	8	10
52.5°	1	1	1	1	3	4	6	8	10	12	14
50°	1	1	1	3	5	7	9	12	15	16	19
47.5°	1	1	3	5	7	10	14	16	18	22	25
45°	2	3	4	7	10	14	18	20	24	27	31
42.5°	2	4	7	9	14	18	21	25	29	33	37
40°	4	5	9	13	18	22	26	30	34	39	43
37.5°	5	8	11	16	21	26	30	35	40	45	50
35°	6	10	14	20	25	30	35	40	46	52	58
32.5°	7	12	17	23	28	34	40	46	52	59	66
30°	9	14	19	26	31	38	45	52	58	66	73
27.5°	11	16	22	28	35	41	50	57	64	72	80
25°	13	18	25	31	38	46	55	62	69	78	88
22.5°	15	21	27	33	41	50	59	67	76	84	96
20°	17	23	30	36	44	54	63	73	82	93	106
17.5°	19	25	32	40	48	58	68	78	89	102	118
15°	20	27	35	43	52	62	72	84	96	112	130
12.5°	22	29	37	46	55	65	76	88	103	121	144
10°	23	31	40	48	58	68	80	92	108	127	155
7.5°	25	32	42	51	60	71	83	96	112	133	163
5°	26	34	43	52	62	73	85	98	115	137	170
2.5°	27	35	45	54	64	75	87	100	117	141	175
0°	27	37	46	55	65	76	88	101	119	144	178
-2.5°	28	38	47	56	66	77	89	102	120	145	179
-5°	29	39	48	57	67	77	89	103	121	145	179
-7.5°	29	39	48	57	68	78	90	103	122	145	179
-10°	30	40	49	58	68	78	90	103	121	144	176
-12.5°	30	40	49	58	68	79	89	102	119	141	171
-15°	31	40	49	58	68	78	89	101	117	137	163
-17.5°	31	40	49	58	68	78	88	99	114	133	158
-20°	31	40	48	57	67	77	87	98	112	129	151

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CATALOG NUMBER: GFLD-SA1C-722-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°	31	39	48	56	66	76	86	96	109	123	143
-25°	30	39	47	55	64	74	84	94	106	119	136
-27.5°	29	38	46	54	63	72	81	91	102	115	129
-30°	28	37	45	53	61	70	79	88	98	110	123
-32.5°	27	36	43	51	60	68	76	85	95	105	117
-35°	26	34	42	50	58	66	73	82	91	100	111
-37.5°	25	32	40	47	55	63	70	78	86	96	105
-40°	24	31	38	45	53	60	68	74	82	91	100
-42.5°	23	29	36	43	50	57	65	71	78	86	95
-45°	22	28	34	41	48	54	61	68	75	82	90
-47.5°	21	26	33	39	45	52	58	64	71	78	85
-50°	19	25	30	36	42	49	55	61	67	74	81
-52.5°	18	23	28	33	39	45	52	57	63	69	75
-55°	16	21	26	31	36	42	48	53	59	65	70
-57.5°	15	19	23	28	33	38	43	49	54	60	66
-60°	13	16	21	25	30	34	39	44	50	55	60
-62.5°	12	15	18	22	26	31	35	40	45	49	53
-65°	10	13	16	19	22	26	31	35	39	43	46
-67.5°	9	11	13	16	19	22	26	30	34	37	40
-70°	7	9	11	13	16	18	21	24	27	30	34
-72.5°	6	8	9	11	13	15	18	20	22	25	28
-75°	5	6	7	9	10	12	14	16	18	20	22
-77.5°	4	5	6	7	8	9	11	13	14	16	18
-80°	3	4	4	5	6	7	8	9	10	12	13
-82.5°	2	2	3	4	4	5	5	6	7	8	9
-85°	1	1	2	2	2	3	3	3	4	4	5
-87.5°	1	1	1	1	1	1	1	1	1	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626644 (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	1	1	1	1	1	1	1	1	1
60°	2	2	3	4	4	3	4	5	5	4	4
57.5°	6	8	9	10	11	13	13	13	13	14	16
55°	11	12	13	15	17	19	20	21	22	23	25
52.5°	15	17	19	21	23	25	25	28	30	32	33
50°	22	24	26	29	31	33	35	38	41	44	46
47.5°	29	31	34	38	41	43	45	49	53	57	59
45°	35	38	42	46	49	51	55	59	64	67	70
42.5°	41	44	48	52	55	60	65	69	74	79	82
40°	47	51	57	61	64	69	77	83	89	95	99
37.5°	55	61	67	73	77	83	94	103	111	119	124
35°	64	72	80	85	93	104	116	130	143	154	164
32.5°	73	81	89	98	110	125	141	163	183	204	223
30°	81	90	100	112	130	152	177	211	247	283	324
27.5°	90	100	112	130	157	187	234	287	362	422	519
25°	99	110	126	155	193	246	328	422	577	709	858
22.5°	110	127	150	187	249	345	473	677	915	1135	1346
20°	124	147	186	244	334	481	724	1033	1364	1687	1999
17.5°	142	179	235	318	445	754	1115	1557	2123	2548	2951
15°	159	206	290	424	664	1061	1566	2243	3005	3645	4370
12.5°	178	235	336	510	853	1378	2022	2829	3731	4703	5838
10°	195	265	395	635	1051	1662	2383	3331	4489	5865	7299
7.5°	209	290	445	728	1217	1895	2755	3907	5374	6982	8618
5°	219	310	484	801	1359	2084	3026	4364	6035	7881	9508
2.5°	227	323	509	846	1454	2213	3212	4606	6440	8468	10176
0°	233	332	524	878	1499	2274	3297	4704	6630	8756	10512
-2.5°	235	336	524	867	1472	2270	3277	4644	6499	8641	10441
-5°	236	334	511	844	1424	2189	3146	4416	6099	8109	9933
-7.5°	234	325	484	788	1316	2045	2963	4077	5457	7229	9114
-10°	228	309	448	711	1168	1821	2678	3619	4722	6168	7696
-12.5°	217	286	398	596	993	1567	2326	3158	4017	4968	6224
-15°	203	262	357	526	832	1300	1915	2618	3331	4059	4825
-17.5°	193	242	315	433	639	1017	1509	2074	2652	3230	3746
-20°	179	217	274	366	515	739	1109	1549	1981	2452	2848

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Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626644 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-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°	168	199	242	300	401	558	769	1078	1407	1749	2074
-25°	157	180	215	261	321	415	554	716	946	1157	1398
-27.5°	147	167	190	225	270	322	407	501	622	723	884
-30°	138	154	173	195	229	268	314	371	430	489	567
-32.5°	130	143	158	176	197	226	254	291	324	359	396
-35°	121	133	146	160	176	195	216	241	262	284	303
-37.5°	114	124	135	146	159	172	189	206	221	235	247
-40°	108	117	126	135	145	156	169	182	191	200	208
-42.5°	103	110	117	125	134	144	154	163	170	176	181
-45°	98	104	110	117	124	132	141	149	154	159	162
-47.5°	92	98	104	110	116	123	130	136	140	144	147
-50°	87	92	98	102	108	115	121	125	129	133	135
-52.5°	81	87	92	97	102	107	111	116	120	124	125
-55°	76	81	86	91	96	100	104	108	112	116	117
-57.5°	71	76	81	85	89	93	98	101	105	108	109
-60°	65	71	75	79	83	86	90	94	97	100	102
-62.5°	58	63	67	71	74	78	81	84	87	90	91
-65°	50	54	58	62	65	68	71	74	77	79	80
-67.5°	43	46	50	53	56	59	62	64	67	68	69
-70°	36	39	42	45	48	51	53	55	57	59	60
-72.5°	30	33	35	38	40	43	45	47	49	50	51
-75°	25	27	29	31	33	35	37	38	40	41	42
-77.5°	19	21	23	24	26	28	29	30	31	32	33
-80°	14	16	17	18	19	20	21	22	24	24	25
-82.5°	10	11	12	13	14	14	15	15	16	16	17
-85°	6	6	7	7	8	8	9	9	10	10	10
-87.5°	2	2	3	3	3	3	3	4	4	4	4
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626644 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-722-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	4	4	5	5
57.5°	17	18	19	19	19	18	17	16	14	13	13
55°	26	27	27	27	27	27	26	25	23	22	21
52.5°	33	34	33	33	33	34	33	33	32	30	28
50°	46	46	46	47	46	46	46	46	44	41	38
47.5°	60	60	61	60	61	60	60	59	57	53	49
45°	71	72	73	72	73	72	71	70	67	64	59
42.5°	84	84	85	85	85	84	84	82	79	74	69
40°	100	101	101	101	101	101	100	99	95	89	83
37.5°	128	130	131	133	131	130	128	124	119	111	103
35°	172	176	179	183	179	176	172	164	154	143	130
32.5°	237	247	252	257	252	247	237	223	204	183	163
30°	353	371	379	393	379	371	353	324	283	247	211
27.5°	590	635	652	689	652	635	590	519	422	362	287
25°	994	1090	1143	1185	1143	1090	994	858	709	577	422
22.5°	1558	1699	1775	1831	1775	1699	1558	1346	1135	915	677
20°	2282	2469	2580	2661	2580	2469	2282	1999	1687	1364	1033
17.5°	3469	3761	3933	4080	3933	3761	3469	2951	2548	2123	1557
15°	5178	5767	6224	6479	6224	5767	5178	4370	3645	3005	2243
12.5°	6841	7703	8216	8451	8216	7703	6841	5838	4703	3731	2829
10°	8486	9299	9786	9872	9786	9299	8486	7299	5865	4489	3331
7.5°	9745	10639	11287	11522	11287	10639	9745	8618	6982	5374	3907
5°	10858	11904	12590	12676	12590	11904	10858	9508	7881	6035	4364
2.5°	11676	12814	13478	13706	13478	12814	11676	10176	8468	6440	4606
0°	12071	13297	14036	14369	14036	13297	12071	10512	8756	6630	4704
-2.5°	11988	13256	14081	14515	14081	13256	11988	10441	8641	6499	4644
-5°	11532	12804	13573	14035	13573	12804	11532	9933	8109	6099	4416
-7.5°	10481	11670	12489	12915	12489	11670	10481	9114	7229	5457	4077
-10°	9127	10133	10880	11242	10880	10133	9127	7696	6168	4722	3619
-12.5°	7367	8343	9016	9273	9016	8343	7367	6224	4968	4017	3158
-15°	5644	6389	6868	7019	6868	6389	5644	4825	4059	3331	2618
-17.5°	4280	4681	4951	5023	4951	4681	4280	3746	3230	2652	2074
-20°	3207	3455	3630	3671	3630	3455	3207	2848	2452	1981	1549

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REPORT NUMBER: P626644 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-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°	2337	2523	2664	2693	2664	2523	2337	2074	1749	1407	1078
-25°	1612	1768	1864	1871	1864	1768	1612	1398	1157	946	716
-27.5°	1010	1096	1141	1156	1141	1096	1010	884	723	622	501
-30°	624	664	685	686	685	664	624	567	489	430	371
-32.5°	424	443	453	453	453	443	424	396	359	324	291
-35°	318	327	333	334	333	327	318	303	284	262	241
-37.5°	255	261	264	264	264	261	255	247	235	221	206
-40°	214	217	220	221	220	217	214	208	200	191	182
-42.5°	185	187	188	187	188	187	185	181	176	170	163
-45°	164	166	167	167	167	166	164	162	159	154	149
-47.5°	148	149	150	150	150	149	148	147	144	140	136
-50°	136	136	137	136	137	136	136	135	133	129	125
-52.5°	126	126	126	126	126	126	126	125	124	120	116
-55°	117	118	118	118	118	118	117	117	116	112	108
-57.5°	110	111	111	111	111	111	110	109	108	105	101
-60°	103	104	104	104	104	104	103	102	100	97	94
-62.5°	93	94	94	94	94	94	93	91	90	87	84
-65°	81	82	83	84	83	82	81	80	79	77	74
-67.5°	70	71	72	73	72	71	70	69	68	67	64
-70°	61	62	62	62	62	62	61	60	59	57	55
-72.5°	52	53	53	53	53	53	52	51	50	49	47
-75°	43	44	44	44	44	44	43	42	41	40	38
-77.5°	34	35	35	35	35	35	34	33	32	31	30
-80°	26	26	26	26	26	26	26	25	24	24	22
-82.5°	18	18	18	17	18	18	18	17	16	16	15
-85°	11	11	11	10	11	11	11	10	10	10	9
-87.5°	4	5	4	4	4	5	4	4	4	4	4
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626644 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-722-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°	4	3	4	4	3	2	2	2	1	1	1
57.5°	13	13	11	10	9	8	6	5	4	3	2
55°	20	19	17	15	13	12	11	10	8	6	5
52.5°	25	25	23	21	19	17	15	14	12	10	8
50°	35	33	31	29	26	24	22	19	16	15	12
47.5°	45	43	41	38	34	31	29	25	22	18	16
45°	55	51	49	46	42	38	35	31	27	24	20
42.5°	65	60	55	52	48	44	41	37	33	29	25
40°	77	69	64	61	57	51	47	43	39	34	30
37.5°	94	83	77	73	67	61	55	50	45	40	35
35°	116	104	93	85	80	72	64	58	52	46	40
32.5°	141	125	110	98	89	81	73	66	59	52	46
30°	177	152	130	112	100	90	81	73	66	58	52
27.5°	234	187	157	130	112	100	90	80	72	64	57
25°	328	246	193	155	126	110	99	88	78	69	62
22.5°	473	345	249	187	150	127	110	96	84	76	67
20°	724	481	334	244	186	147	124	106	93	82	73
17.5°	1115	754	445	318	235	179	142	118	102	89	78
15°	1566	1061	664	424	290	206	159	130	112	96	84
12.5°	2022	1378	853	510	336	235	178	144	121	103	88
10°	2383	1662	1051	635	395	265	195	155	127	108	92
7.5°	2755	1895	1217	728	445	290	209	163	133	112	96
5°	3026	2084	1359	801	484	310	219	170	137	115	98
2.5°	3212	2213	1454	846	509	323	227	175	141	117	100
0°	3297	2274	1499	878	524	332	233	178	144	119	101
-2.5°	3277	2270	1472	867	524	336	235	179	145	120	102
-5°	3146	2189	1424	844	511	334	236	179	145	121	103
-7.5°	2963	2045	1316	788	484	325	234	179	145	122	103
-10°	2678	1821	1168	711	448	309	228	176	144	121	103
-12.5°	2326	1567	993	596	398	286	217	171	141	119	102
-15°	1915	1300	832	526	357	262	203	163	137	117	101
-17.5°	1509	1017	639	433	315	242	193	158	133	114	99
-20°	1109	739	515	366	274	217	179	151	129	112	98

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REPORT NUMBER: P626644 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-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°	769	558	401	300	242	199	168	143	123	109	96
-25°	554	415	321	261	215	180	157	136	119	106	94
-27.5°	407	322	270	225	190	167	147	129	115	102	91
-30°	314	268	229	195	173	154	138	123	110	98	88
-32.5°	254	226	197	176	158	143	130	117	105	95	85
-35°	216	195	176	160	146	133	121	111	100	91	82
-37.5°	189	172	159	146	135	124	114	105	96	86	78
-40°	169	156	145	135	126	117	108	100	91	82	74
-42.5°	154	144	134	125	117	110	103	95	86	78	71
-45°	141	132	124	117	110	104	98	90	82	75	68
-47.5°	130	123	116	110	104	98	92	85	78	71	64
-50°	121	115	108	102	98	92	87	81	74	67	61
-52.5°	111	107	102	97	92	87	81	75	69	63	57
-55°	104	100	96	91	86	81	76	70	65	59	53
-57.5°	98	93	89	85	81	76	71	66	60	54	49
-60°	90	86	83	79	75	71	65	60	55	50	44
-62.5°	81	78	74	71	67	63	58	53	49	45	40
-65°	71	68	65	62	58	54	50	46	43	39	35
-67.5°	62	59	56	53	50	46	43	40	37	34	30
-70°	53	51	48	45	42	39	36	34	30	27	24
-72.5°	45	43	40	38	35	33	30	28	25	22	20
-75°	37	35	33	31	29	27	25	22	20	18	16
-77.5°	29	28	26	24	23	21	19	18	16	14	13
-80°	21	20	19	18	17	16	14	13	12	10	9
-82.5°	15	14	14	13	12	11	10	9	8	7	6
-85°	9	8	8	7	7	6	6	5	4	4	3
-87.5°	3	3	3	3	3	2	2	2	2	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626644 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-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°	1	1	1	0	0	0	0	0	0	0	0
55°	3	2	1	1	1	1	0	0	1	0	0
52.5°	6	4	3	1	1	1	1	0	1	1	0
50°	9	7	5	3	1	1	1	1	1	1	0
47.5°	14	10	7	5	3	1	1	1	1	1	1
45°	18	14	10	7	4	3	2	1	1	1	1
42.5°	21	18	14	9	7	4	2	1	1	1	1
40°	26	22	18	13	9	5	4	2	1	1	1
37.5°	30	26	21	16	11	8	5	3	1	1	1
35°	35	30	25	20	14	10	6	4	2	1	1
32.5°	40	34	28	23	17	12	7	5	3	2	1
30°	45	38	31	26	19	14	9	6	4	2	1
27.5°	50	41	35	28	22	16	11	7	5	3	1
25°	55	46	38	31	25	18	13	9	6	3	2
22.5°	59	50	41	33	27	21	15	10	7	4	2
20°	63	54	44	36	30	23	17	12	8	4	2
17.5°	68	58	48	40	32	25	19	13	9	5	3
15°	72	62	52	43	35	27	20	14	10	6	3
12.5°	76	65	55	46	37	29	22	16	11	6	4
10°	80	68	58	48	40	31	23	17	12	7	4
7.5°	83	71	60	51	42	32	25	18	12	7	4
5°	85	73	62	52	43	34	26	19	13	7	5
2.5°	87	75	64	54	45	35	27	19	14	8	5
0°	88	76	65	55	46	37	27	20	15	8	5
-2.5°	89	77	66	56	47	38	28	21	15	9	6
-5°	89	77	67	57	48	39	29	21	16	10	6
-7.5°	90	78	68	57	48	39	29	21	16	10	6
-10°	90	78	68	58	49	40	30	22	16	11	6
-12.5°	89	79	68	58	49	40	30	22	16	11	6
-15°	89	78	68	58	49	40	31	23	17	11	6
-17.5°	88	78	68	58	49	40	31	23	17	11	6
-20°	87	77	67	57	48	40	31	23	17	11	6

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REPORT NUMBER: P626644 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-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°	86	76	66	56	48	39	31	23	17	11	7
-25°	84	74	64	55	47	39	30	22	16	10	7
-27.5°	81	72	63	54	46	38	29	21	16	10	7
-30°	79	70	61	53	45	37	28	21	15	10	7
-32.5°	76	68	60	51	43	36	27	20	15	10	7
-35°	73	66	58	50	42	34	26	19	14	10	7
-37.5°	70	63	55	47	40	32	25	18	13	10	6
-40°	68	60	53	45	38	31	24	18	13	9	6
-42.5°	65	57	50	43	36	29	23	17	13	9	6
-45°	61	54	48	41	34	28	22	16	12	9	6
-47.5°	58	52	45	39	33	26	21	16	11	8	6
-50°	55	49	42	36	30	25	19	15	11	8	5
-52.5°	52	45	39	33	28	23	18	13	10	7	5
-55°	48	42	36	31	26	21	16	12	9	7	4
-57.5°	43	38	33	28	23	19	15	11	8	6	4
-60°	39	34	30	25	21	16	13	10	8	5	4
-62.5°	35	31	26	22	18	15	12	9	7	5	3
-65°	31	26	22	19	16	13	10	8	6	4	3
-67.5°	26	22	19	16	13	11	9	7	5	4	3
-70°	21	18	16	13	11	9	7	6	4	3	2
-72.5°	18	15	13	11	9	8	6	5	4	3	2
-75°	14	12	10	9	7	6	5	4	3	2	2
-77.5°	11	9	8	7	6	5	4	3	2	2	1
-80°	8	7	6	5	4	4	3	2	2	1	1
-82.5°	5	5	4	4	3	2	2	1	1	1	1
-85°	3	3	2	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: P626644 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-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°	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	0	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°	1	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°	3	1	1	0	0	0	0
-15°	4	1	1	0	0	0	0
-17.5°	4	1	1	0	0	0	0
-20°	4	1	1	0	0	0	0

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REPORT NUMBER: P626644 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	4	1	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°	3	2	1	0	0	0	0
-47.5°	3	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°	2	1	1	0	0	0	0
-62.5°	2	1	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	0	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°	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)