

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: P626604 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-730-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626604 (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-730-U-MR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4101.9 lumens
Efficiency: N/A
Efficacy: 122.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 14462.6 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 2051 lumens
Beam Efficiency: 50.0%

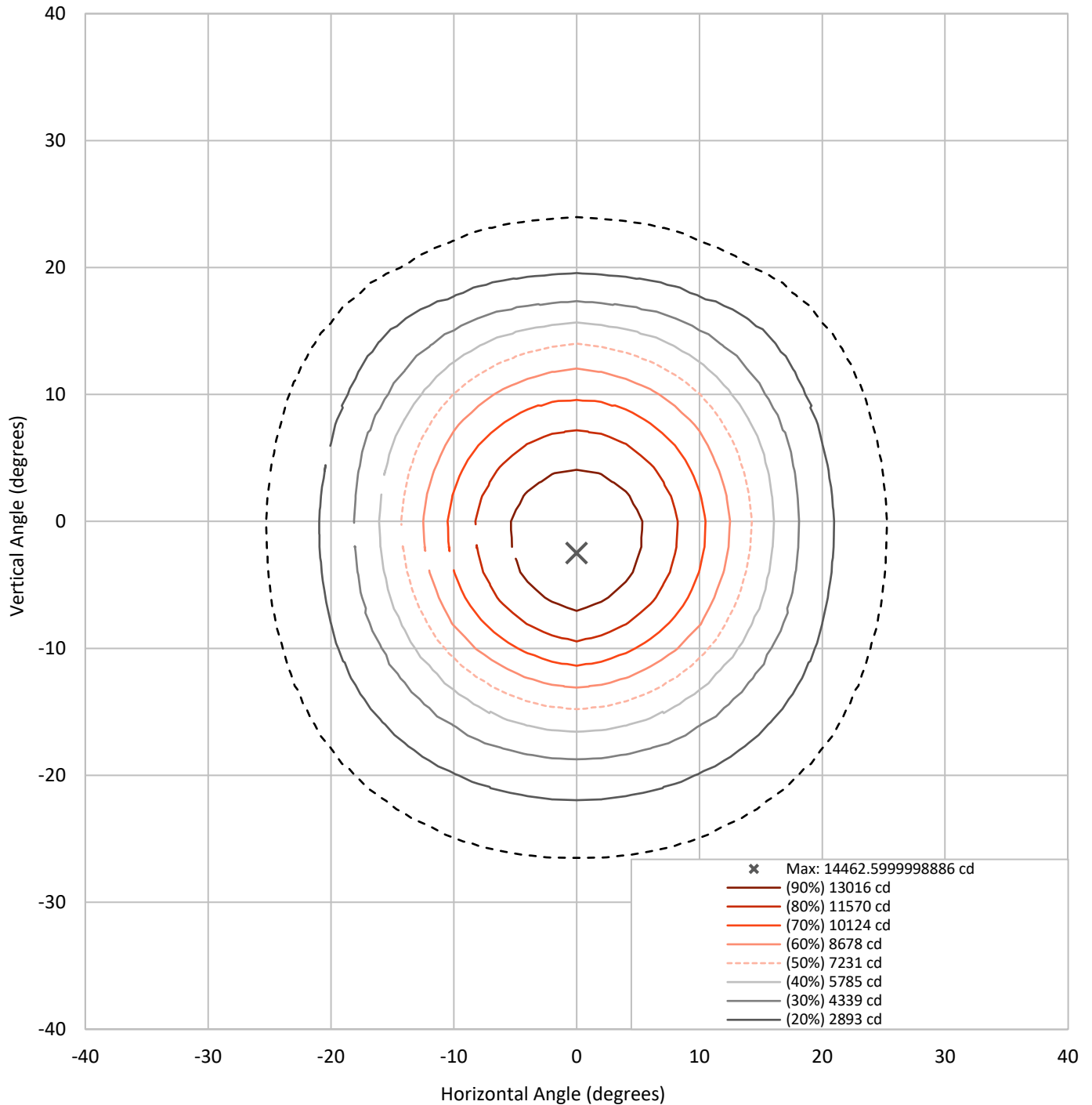
Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 3524.3 lumens
Field Efficiency: 85.9%

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



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Iso-Candela Plot





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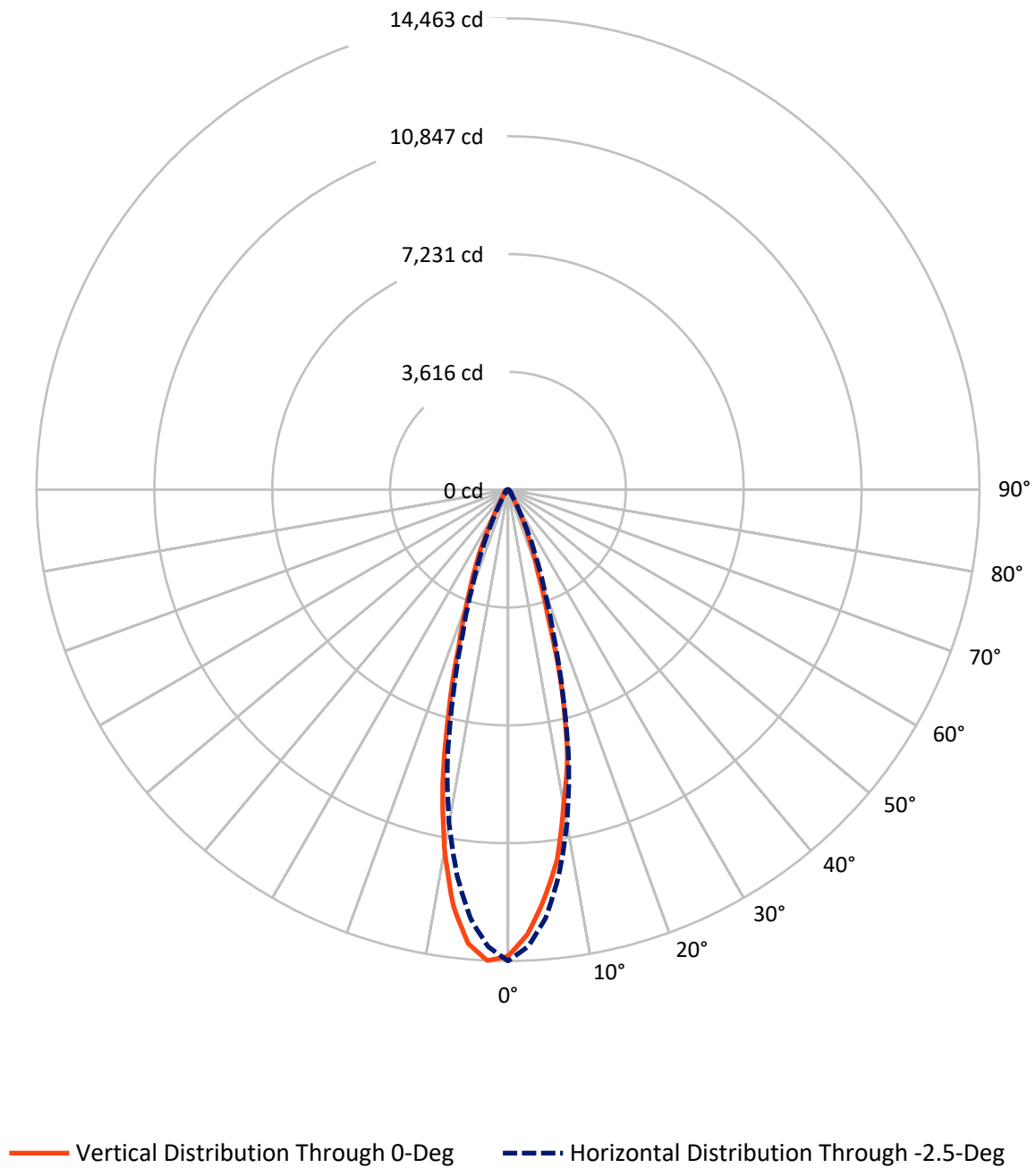
CATALOG NUMBER: GFLD-SA1B-730-U-MR-VSR-XX

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	0.3	0.5	0.6	0.8	0.8	0.6	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	2.6	4.4	5.9	5.9	4.4	2.6	1.6	0.9	0.3		0.1			
20	0.0	0.1	0.6	1.3	2.5	6.2	19.5	35.7	35.7	19.5	6.2	2.5	1.3	0.6	0.0				
10		0.2	0.8	1.8	4.4	21.4	86.9	170.1	170.1	86.9	21.4	4.4	1.8	0.8		0.2			
0	0.1	0.3	0.9	2.2	6.3	40.7	175.4	343.8	343.8	175.4	40.7	6.3	2.2	0.9	0.1				
-10		0.3	1.0	2.3	6.7	42.7	180.0	364.5	364.5	180.0	42.7	6.7	2.3	1.0		0.3			
-20	0.1	0.3	1.0	2.2	5.5	26.2	99.5	192.9	192.9	99.5	26.2	5.5	2.2	1.0	0.1				
-30		0.3	1.0	2.0	4.0	10.2	30.8	55.0	55.0	30.8	10.2	4.0	2.0	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	0.1				
-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	0.0				
-70		0.1	0.3	0.7	1.3	1.8	2.2	2.5	2.5	2.2	1.8	1.3	0.7	0.3		0.1			
-80	0.0	0.3	1.2	2.6	3.3	2.6	1.2	0.3	0.0										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

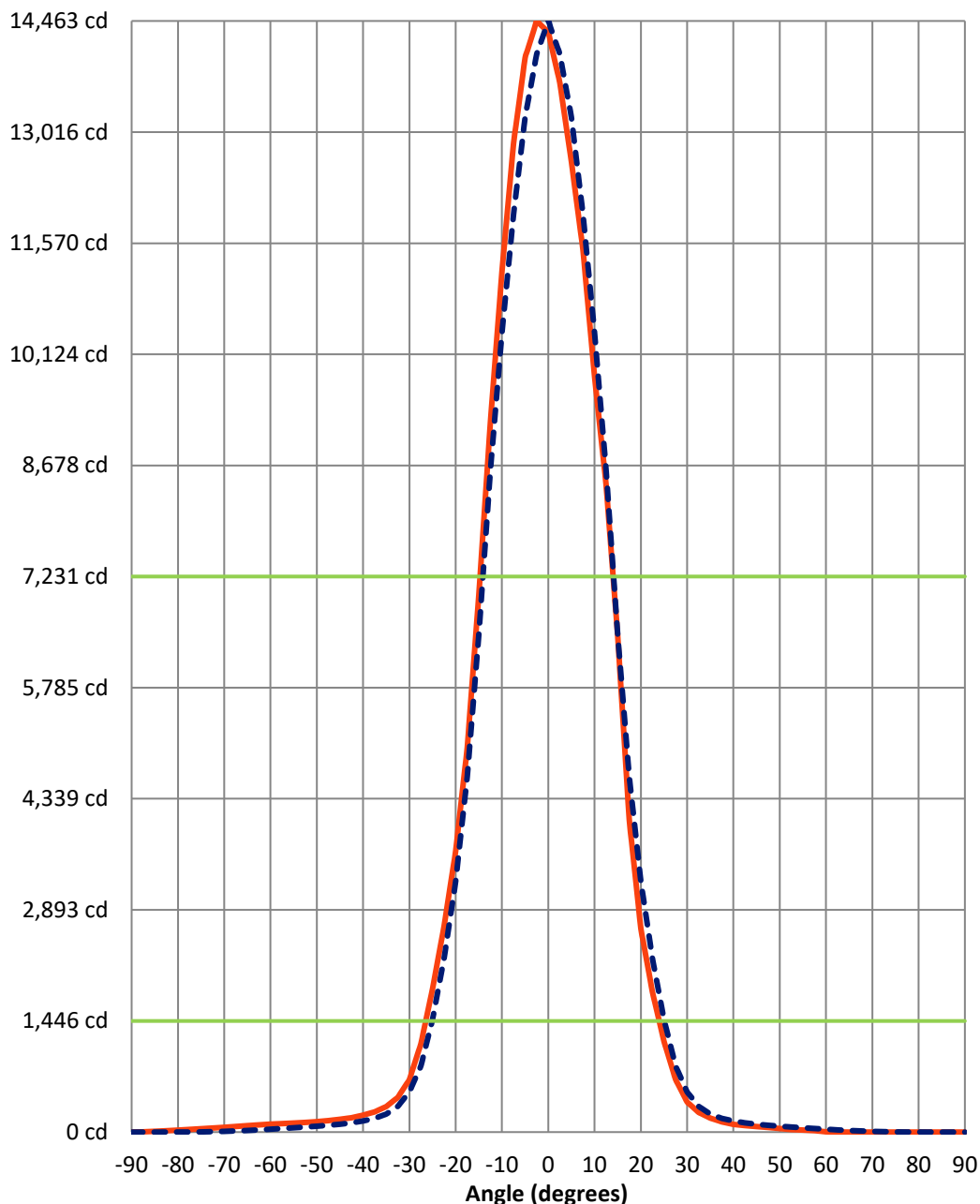
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 2051
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 3524.3
 Efficiency: 85.9%

Spill:
 Lumens: 577.6
 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	11	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	6	9	15	21
-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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REPORT NUMBER: P626604 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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	16	22
-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	14
-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: P626604 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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	23	27	31
42.5°	2	4	7	9	14	18	21	25	28	33	37
40°	4	5	9	13	18	22	26	30	33	39	43
37.5°	5	8	11	16	21	26	30	35	40	45	50
35°	6	10	14	19	25	30	35	40	46	52	58
32.5°	7	12	17	22	28	34	39	46	52	59	66
30°	9	14	19	25	31	38	45	52	58	65	73
27.5°	11	16	22	28	34	41	50	57	64	71	80
25°	13	18	24	31	38	45	54	62	69	78	88
22.5°	15	21	27	33	41	50	59	67	75	84	95
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	51	61	72	84	96	111	130
12.5°	22	29	37	45	55	65	76	88	102	121	144
10°	23	31	40	48	57	68	80	92	107	127	154
7.5°	24	32	42	50	60	71	82	95	111	132	162
5°	26	34	43	52	62	73	85	98	115	137	169
2.5°	27	35	45	54	63	75	86	100	117	141	174
0°	27	36	45	55	65	76	87	101	118	144	178
-2.5°	28	38	47	56	66	77	88	102	120	145	178
-5°	29	39	47	57	67	77	89	103	121	145	179
-7.5°	29	39	48	57	67	78	89	103	121	145	179
-10°	30	40	48	58	68	78	89	103	120	143	176
-12.5°	30	40	49	58	68	78	89	102	119	140	170
-15°	31	40	49	58	68	78	88	100	116	137	163
-17.5°	31	40	49	57	68	78	87	99	114	133	158
-20°	31	39	48	57	67	77	86	98	111	128	151

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CATALOG NUMBER: GFLD-SA1B-730-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°	30	39	47	56	65	75	85	96	108	123	143
-25°	30	39	47	55	64	74	83	93	105	119	136
-27.5°	29	38	46	54	63	72	81	91	102	114	129
-30°	28	37	45	53	61	70	79	88	98	110	123
-32.5°	27	36	43	51	60	68	76	85	94	105	117
-35°	26	34	42	49	58	66	73	81	91	100	110
-37.5°	25	32	40	47	55	63	70	78	86	95	105
-40°	24	31	38	45	52	60	67	74	82	91	99
-42.5°	23	29	36	43	50	57	64	71	78	86	94
-45°	22	28	34	41	48	54	61	68	75	82	90
-47.5°	21	26	33	38	45	52	57	64	71	78	85
-50°	19	25	30	36	42	49	55	60	67	74	80
-52.5°	18	23	28	33	39	45	51	57	63	69	75
-55°	16	21	26	31	36	41	47	53	59	64	70
-57.5°	14	19	23	28	33	37	43	49	54	60	65
-60°	13	16	20	25	30	34	39	44	49	55	60
-62.5°	11	14	18	22	26	31	35	40	44	49	53
-65°	10	13	15	19	22	26	31	35	39	43	46
-67.5°	9	11	13	16	19	22	26	29	33	37	40
-70°	7	9	11	13	16	18	21	24	27	30	33
-72.5°	6	8	9	10	13	15	17	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: P626604 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-730-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°	2	2	3	4	4	3	4	5	5	4	4
57.5°	6	8	9	10	11	13	13	13	13	14	15
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°	28	31	34	38	41	43	45	49	53	56	59
45°	35	38	42	45	48	51	55	59	63	67	70
42.5°	40	44	48	52	55	59	64	69	74	79	82
40°	47	51	56	61	64	69	76	83	89	95	98
37.5°	55	61	67	72	77	83	93	103	111	119	124
35°	64	71	79	85	92	103	116	129	143	154	164
32.5°	73	81	89	98	109	125	141	162	182	203	222
30°	81	90	100	111	129	151	177	210	246	282	323
27.5°	89	99	111	129	156	187	233	286	360	420	517
25°	99	110	126	155	192	245	327	420	575	706	855
22.5°	110	127	150	186	249	344	471	674	911	1131	1341
20°	124	147	186	244	333	480	721	1030	1359	1681	1992
17.5°	142	179	234	316	443	751	1111	1551	2115	2539	2940
15°	158	205	289	422	661	1057	1560	2235	2994	3632	4354
12.5°	178	234	335	508	850	1373	2014	2819	3717	4686	5817
10°	195	264	394	632	1047	1656	2374	3319	4472	5843	7273
7.5°	208	289	443	725	1213	1888	2745	3893	5355	6957	8587
5°	218	309	482	798	1354	2076	3015	4348	6014	7853	9473
2.5°	226	322	508	843	1449	2205	3200	4589	6417	8437	10139
0°	232	331	522	875	1493	2266	3285	4687	6606	8724	10474
-2.5°	234	335	522	864	1466	2262	3266	4627	6475	8610	10403
-5°	235	333	509	841	1419	2181	3135	4400	6077	8080	9897
-7.5°	233	324	483	785	1311	2038	2952	4063	5438	7203	9081
-10°	227	308	446	708	1164	1814	2668	3606	4704	6146	7668
-12.5°	216	285	397	594	990	1561	2317	3147	4003	4950	6202
-15°	202	261	356	524	829	1295	1908	2608	3319	4044	4808
-17.5°	192	241	314	432	636	1014	1503	2066	2643	3218	3733
-20°	179	216	273	365	513	737	1105	1543	1974	2443	2837

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

Scaled Data Report



REPORT NUMBER: P626604 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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°	167	199	241	299	399	556	766	1075	1402	1743	2067
-25°	156	180	214	260	320	413	552	713	943	1153	1393
-27.5°	147	167	190	224	269	321	406	500	620	720	881
-30°	138	154	173	195	228	267	313	370	428	488	564
-32.5°	129	143	158	175	196	225	254	290	322	358	394
-35°	121	133	145	159	175	194	216	240	261	283	302
-37.5°	114	124	135	146	158	172	189	206	220	234	246
-40°	108	116	125	134	145	155	168	181	191	200	207
-42.5°	102	110	117	125	133	143	153	163	169	176	181
-45°	97	104	110	116	123	132	141	148	153	158	162
-47.5°	92	97	103	109	116	123	130	135	140	144	147
-50°	86	92	97	102	108	114	120	125	129	132	134
-52.5°	81	86	92	97	101	106	111	116	120	123	125
-55°	76	81	86	91	95	100	104	108	112	115	116
-57.5°	71	76	81	85	89	93	97	101	105	108	109
-60°	65	70	75	78	82	86	90	93	97	100	101
-62.5°	58	63	67	71	74	77	81	84	87	90	91
-65°	50	54	58	62	65	68	71	74	76	78	80
-67.5°	43	46	49	53	56	59	61	64	66	68	69
-70°	36	39	42	45	48	50	53	55	57	59	60
-72.5°	30	33	35	38	40	43	45	47	48	50	51
-75°	24	27	29	31	33	35	37	38	40	41	42
-77.5°	19	21	23	24	26	27	29	30	31	32	33
-80°	14	16	17	18	19	20	21	22	23	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	3	3	4	4
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626604 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-730-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	15	14	13	13
55°	26	27	27	26	27	27	26	25	23	22	21
52.5°	33	33	33	33	33	33	33	33	32	30	28
50°	46	46	46	46	46	46	46	46	44	41	38
47.5°	60	60	60	60	60	60	60	59	56	53	49
45°	71	72	72	72	72	72	71	70	67	63	59
42.5°	84	84	84	85	84	84	84	82	79	74	69
40°	100	101	100	100	100	101	100	98	95	89	83
37.5°	128	130	131	133	131	130	128	124	119	111	103
35°	171	176	178	182	178	176	171	164	154	143	129
32.5°	236	246	251	256	251	246	236	222	203	182	162
30°	351	370	378	392	378	370	351	323	282	246	210
27.5°	588	632	650	687	650	632	588	517	420	360	286
25°	990	1086	1139	1181	1139	1086	990	855	706	575	420
22.5°	1553	1693	1768	1824	1768	1693	1553	1341	1131	911	674
20°	2274	2460	2570	2651	2570	2460	2274	1992	1681	1359	1030
17.5°	3456	3748	3918	4065	3918	3748	3456	2940	2539	2115	1551
15°	5159	5746	6202	6455	6202	5746	5159	4354	3632	2994	2235
12.5°	6816	7675	8186	8421	8186	7675	6816	5817	4686	3717	2819
10°	8455	9265	9751	9837	9751	9265	8455	7273	5843	4472	3319
7.5°	9710	10601	11246	11480	11246	10601	9710	8587	6957	5355	3893
5°	10818	11861	12544	12630	12544	11861	10818	9473	7853	6014	4348
2.5°	11633	12767	13429	13657	13429	12767	11633	10139	8437	6417	4589
0°	12028	13249	13985	14317	13985	13249	12028	10474	8724	6606	4687
-2.5°	11945	13208	14030	14463	14030	13208	11945	10403	8610	6475	4627
-5°	11490	12757	13524	13984	13524	12757	11490	9897	8080	6077	4400
-7.5°	10443	11628	12444	12868	12444	11628	10443	9081	7203	5438	4063
-10°	9094	10096	10840	11202	10840	10096	9094	7668	6146	4704	3606
-12.5°	7340	8312	8984	9239	8984	8312	7340	6202	4950	4003	3147
-15°	5624	6366	6843	6994	6843	6366	5624	4808	4044	3319	2608
-17.5°	4265	4664	4933	5005	4933	4664	4265	3733	3218	2643	2066
-20°	3195	3443	3617	3658	3617	3443	3195	2837	2443	1974	1543

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REPORT NUMBER: P626604 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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°	2328	2514	2655	2683	2655	2514	2328	2067	1743	1402	1075
-25°	1606	1761	1857	1864	1857	1761	1606	1393	1153	943	713
-27.5°	1007	1092	1136	1152	1136	1092	1007	881	720	620	500
-30°	622	662	682	683	682	662	622	564	488	428	370
-32.5°	422	441	452	452	452	441	422	394	358	322	290
-35°	316	326	332	332	332	326	316	302	283	261	240
-37.5°	254	260	263	263	263	260	254	246	234	220	206
-40°	213	217	219	220	219	217	213	207	200	191	181
-42.5°	184	186	188	187	188	186	184	181	176	169	163
-45°	164	165	166	167	166	165	164	162	158	153	148
-47.5°	148	149	149	149	149	149	148	147	144	140	135
-50°	135	136	136	136	136	136	135	134	132	129	125
-52.5°	125	125	126	126	126	125	125	125	123	120	116
-55°	117	117	117	118	117	117	117	116	115	112	108
-57.5°	110	111	111	110	111	111	110	109	108	105	101
-60°	102	103	104	104	104	103	102	101	100	97	93
-62.5°	92	93	94	94	94	93	92	91	90	87	84
-65°	81	82	83	84	83	82	81	80	78	76	74
-67.5°	70	71	72	73	72	71	70	69	68	66	64
-70°	61	62	62	62	62	62	61	60	59	57	55
-72.5°	52	53	53	53	53	53	52	51	50	48	47
-75°	43	43	44	44	44	43	43	42	41	40	38
-77.5°	34	34	35	35	35	34	34	33	32	31	30
-80°	26	26	26	26	26	26	26	25	24	23	22
-82.5°	18	18	18	17	18	18	18	17	16	16	15
-85°	11	11	10	10	10	11	11	10	10	10	9
-87.5°	4	5	4	4	4	5	4	4	4	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626604 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-730-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	28	25	22	18	16
45°	55	51	48	45	42	38	35	31	27	23	20
42.5°	64	59	55	52	48	44	40	37	33	28	25
40°	76	69	64	61	56	51	47	43	39	33	30
37.5°	93	83	77	72	67	61	55	50	45	40	35
35°	116	103	92	85	79	71	64	58	52	46	40
32.5°	141	125	109	98	89	81	73	66	59	52	46
30°	177	151	129	111	100	90	81	73	65	58	52
27.5°	233	187	156	129	111	99	89	80	71	64	57
25°	327	245	192	155	126	110	99	88	78	69	62
22.5°	471	344	249	186	150	127	110	95	84	75	67
20°	721	480	333	244	186	147	124	106	93	82	73
17.5°	1111	751	443	316	234	179	142	118	102	89	78
15°	1560	1057	661	422	289	205	158	130	111	96	84
12.5°	2014	1373	850	508	335	234	178	144	121	102	88
10°	2374	1656	1047	632	394	264	195	154	127	107	92
7.5°	2745	1888	1213	725	443	289	208	162	132	111	95
5°	3015	2076	1354	798	482	309	218	169	137	115	98
2.5°	3200	2205	1449	843	508	322	226	174	141	117	100
0°	3285	2266	1493	875	522	331	232	178	144	118	101
-2.5°	3266	2262	1466	864	522	335	234	178	145	120	102
-5°	3135	2181	1419	841	509	333	235	179	145	121	103
-7.5°	2952	2038	1311	785	483	324	233	179	145	121	103
-10°	2668	1814	1164	708	446	308	227	176	143	120	103
-12.5°	2317	1561	990	594	397	285	216	170	140	119	102
-15°	1908	1295	829	524	356	261	202	163	137	116	100
-17.5°	1503	1014	636	432	314	241	192	158	133	114	99
-20°	1105	737	513	365	273	216	179	151	128	111	98

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REPORT NUMBER: P626604 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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°	766	556	399	299	241	199	167	143	123	108	96
-25°	552	413	320	260	214	180	156	136	119	105	93
-27.5°	406	321	269	224	190	167	147	129	114	102	91
-30°	313	267	228	195	173	154	138	123	110	98	88
-32.5°	254	225	196	175	158	143	129	117	105	94	85
-35°	216	194	175	159	145	133	121	110	100	91	81
-37.5°	189	172	158	146	135	124	114	105	95	86	78
-40°	168	155	145	134	125	116	108	99	91	82	74
-42.5°	153	143	133	125	117	110	102	94	86	78	71
-45°	141	132	123	116	110	104	97	90	82	75	68
-47.5°	130	123	116	109	103	97	92	85	78	71	64
-50°	120	114	108	102	97	92	86	80	74	67	60
-52.5°	111	106	101	97	92	86	81	75	69	63	57
-55°	104	100	95	91	86	81	76	70	64	59	53
-57.5°	97	93	89	85	81	76	71	65	60	54	49
-60°	90	86	82	78	75	70	65	60	55	49	44
-62.5°	81	77	74	71	67	63	58	53	49	44	40
-65°	71	68	65	62	58	54	50	46	43	39	35
-67.5°	61	59	56	53	49	46	43	40	37	33	29
-70°	53	50	48	45	42	39	36	33	30	27	24
-72.5°	45	43	40	38	35	33	30	28	25	22	20
-75°	37	35	33	31	29	27	24	22	20	18	16
-77.5°	29	27	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: P626604 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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	19	14	10	6	4	2	1	1
32.5°	39	34	28	22	17	12	7	5	3	2	1
30°	45	38	31	25	19	14	9	6	4	2	1
27.5°	50	41	34	28	22	16	11	7	5	3	1
25°	54	45	38	31	24	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	61	51	43	35	27	20	14	10	6	3
12.5°	76	65	55	45	37	29	22	16	11	6	4
10°	80	68	57	48	40	31	23	17	11	7	4
7.5°	82	71	60	50	42	32	24	18	12	7	4
5°	85	73	62	52	43	34	26	19	13	7	5
2.5°	86	75	63	54	45	35	27	19	14	8	5
0°	87	76	65	55	45	36	27	20	15	8	5
-2.5°	88	77	66	56	47	38	28	21	15	9	6
-5°	89	77	67	57	47	39	29	21	16	10	6
-7.5°	89	78	67	57	48	39	29	21	16	10	6
-10°	89	78	68	58	48	40	30	22	16	11	6
-12.5°	89	78	68	58	49	40	30	22	16	11	6
-15°	88	78	68	58	49	40	31	23	17	11	6
-17.5°	87	78	68	57	49	40	31	23	17	11	6
-20°	86	77	67	57	48	39	31	23	17	11	6

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REPORT NUMBER: P626604 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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°	85	75	65	56	47	39	30	22	16	11	7
-25°	83	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	49	42	34	26	19	14	10	7
-37.5°	70	63	55	47	40	32	25	18	13	10	6
-40°	67	60	52	45	38	31	24	18	13	9	6
-42.5°	64	57	50	43	36	29	23	17	13	9	6
-45°	61	54	48	41	34	28	22	16	12	9	6
-47.5°	57	52	45	38	33	26	21	16	11	8	6
-50°	55	49	42	36	30	25	19	14	11	8	5
-52.5°	51	45	39	33	28	23	18	13	10	7	5
-55°	47	41	36	31	26	21	16	12	9	7	4
-57.5°	43	37	33	28	23	19	14	11	8	6	4
-60°	39	34	30	25	20	16	13	10	8	5	4
-62.5°	35	31	26	22	18	14	11	9	7	5	3
-65°	31	26	22	19	15	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°	17	15	13	10	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: P626604 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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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Scaled Data Report



REPORT NUMBER: P626604 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-730-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)