

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: P626724 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-730-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626724 (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-SA1D-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: 6113.5 lumens
Efficiency: N/A
Efficacy: 106.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 21555.1 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 3056.8 lumens
Beam Efficiency: 50.0%

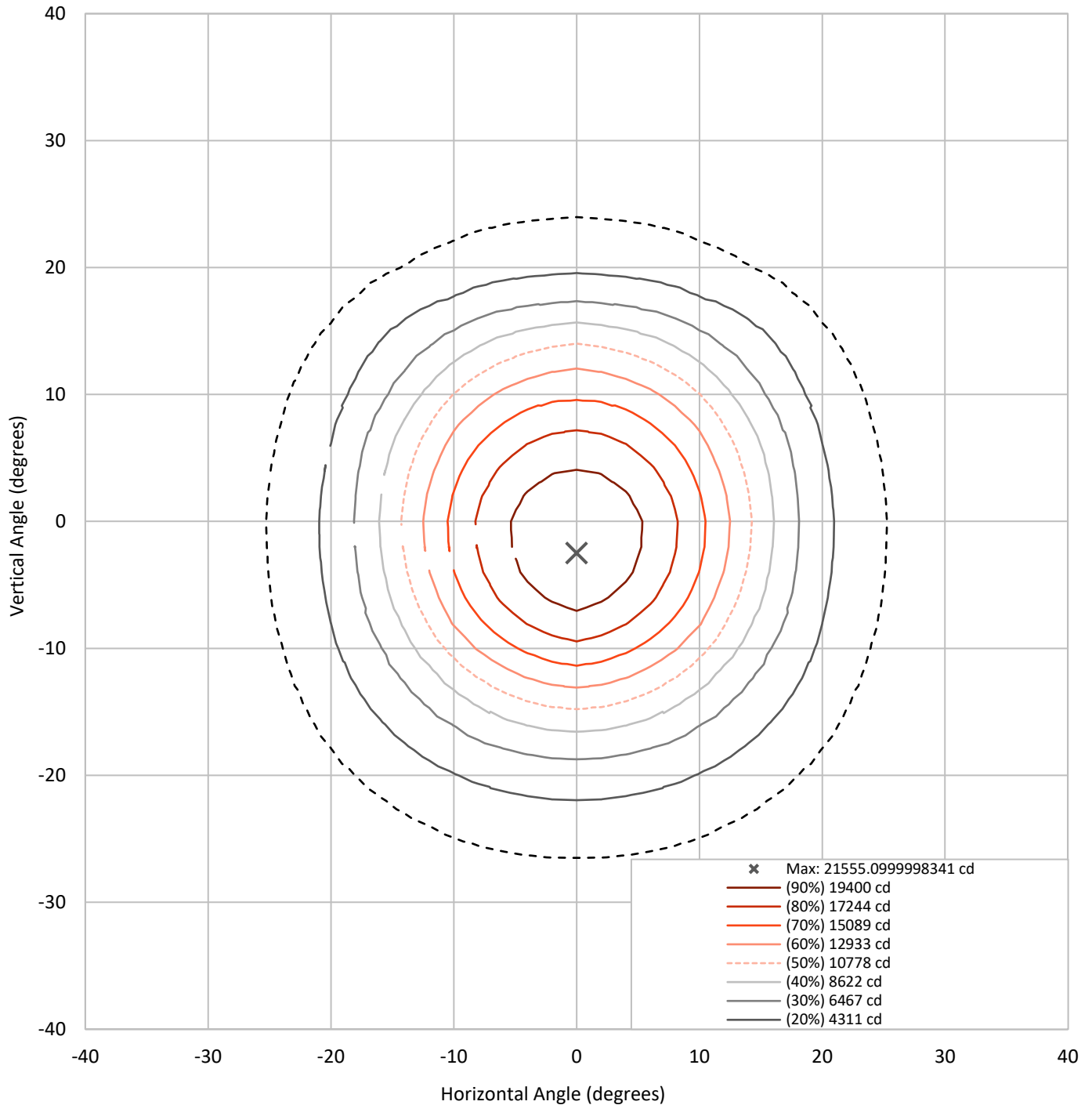
Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 5252.6 lumens
Field Efficiency: 85.9%

Input Watts (W): 57.3
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: P626724 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-730-U-MR-VSR-XX

Iso-Candela Plot





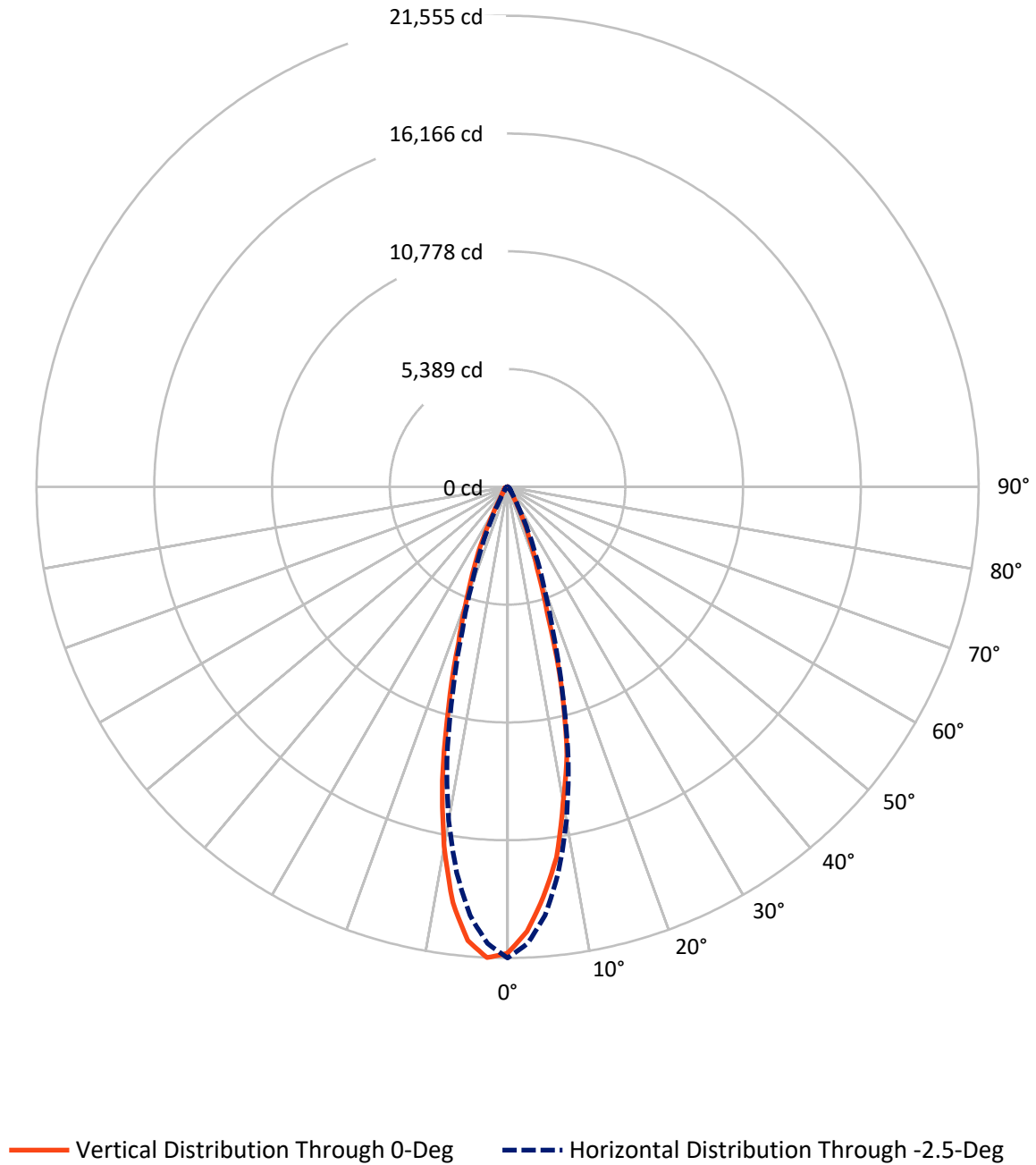
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Lumen Table

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	0.2	0.4	0.7	1.0	1.2	1.2	1.0	0.7	0.4	0.2	0.0		0.0			
40	0.0	0.0	0.2	0.7	1.3	2.0	2.8	3.3	3.3	2.8	2.0	1.3	0.7	0.2	0.0	0.0			
30		0.1	0.5	1.3	2.4	3.9	6.6	8.8	8.8	6.6	3.9	2.4	1.3	0.5	0.1				
20	0.0	0.2	0.8	2.0	3.8	9.2	29.0	53.2	53.2	29.0	9.2	3.8	2.0	0.8	0.2	0.0			
10		0.3	1.1	2.7	6.5	31.8	129.5	253.5	253.5	129.5	31.8	6.5	2.7	1.1	0.3				
0	0.1	0.4	1.4	3.2	9.3	60.7	261.4	512.4	512.4	261.4	60.7	9.3	3.2	1.4	0.4	0.1			
-10		0.4	1.5	3.4	10.0	63.6	268.2	543.3	543.3	268.2	63.6	10.0	3.4	1.5	0.4				
-20	0.1	0.5	1.5	3.3	8.2	39.0	148.3	287.5	287.5	148.3	39.0	8.2	3.3	1.5	0.5	0.1			
-30		0.5	1.5	3.0	6.0	15.2	45.9	82.0	82.0	45.9	15.2	6.0	3.0	1.5	0.5				
-40	0.1	0.4	1.3	2.6	4.6	7.5	12.2	16.3	16.3	12.2	7.5	4.6	2.6	1.3	0.4	0.1			
-50		0.3	1.1	2.2	3.6	5.2	6.8	7.6	7.6	6.8	5.2	3.6	2.2	1.1	0.3				
-60	0.1	0.3	0.8	1.7	2.8	3.9	4.9	5.3	5.3	4.9	3.9	2.8	1.7	0.8	0.3	0.1			
-70		0.2	0.5	1.1	1.9	2.7	3.3	3.7	3.7	3.3	2.7	1.9	1.1	0.5	0.2				
-80	0.0	0.4	1.8	3.9	4.9	3.9	1.8	0.4	0.0										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

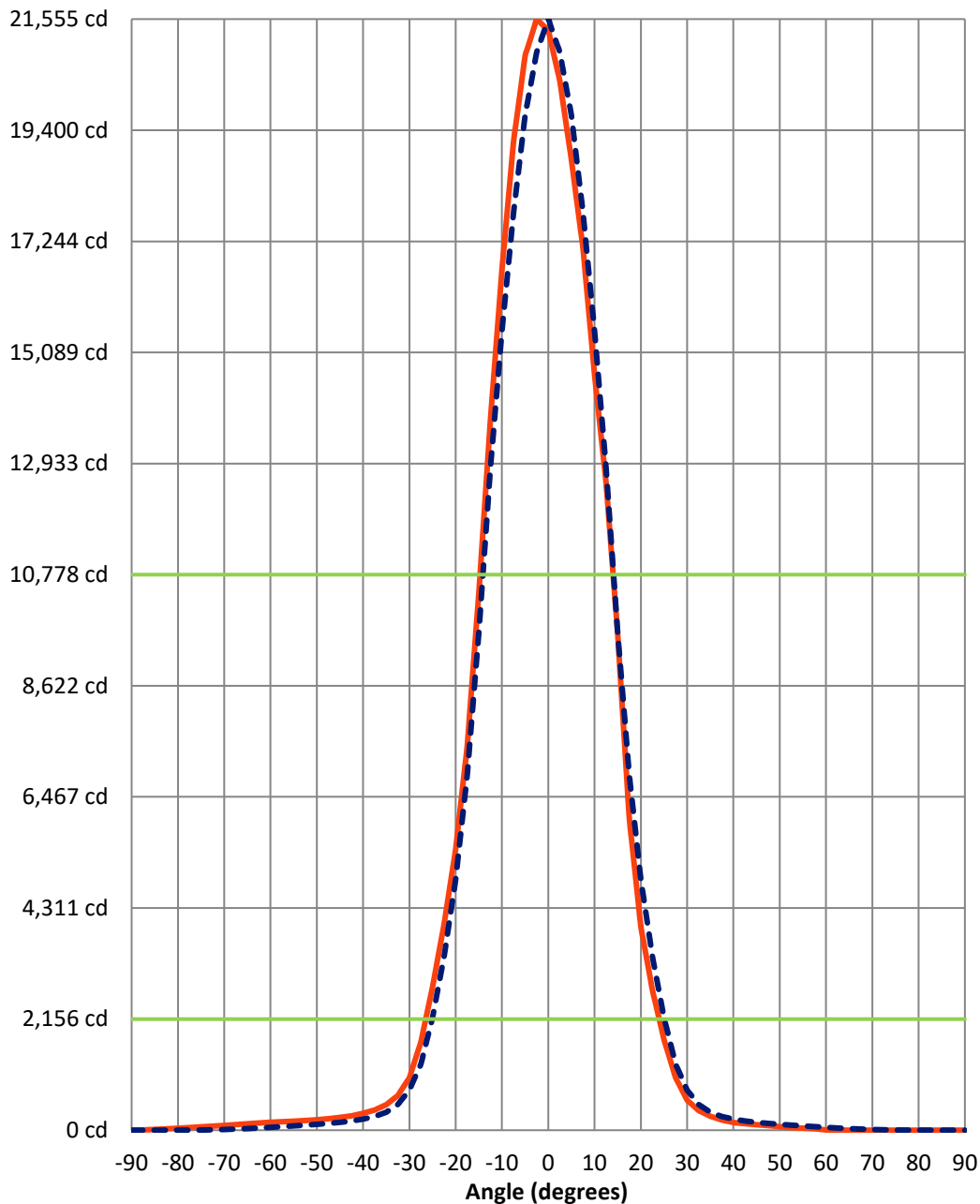
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 3056.8
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 5252.6
 Efficiency: 85.9%

Spill:
 Lumens: 860.9
 Efficiency: 14.1%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	1	0
55°	0	0	0	0	0	0	0	0	1	1	1
52.5°	0	0	0	0	0	0	0	0	1	1	1
50°	0	0	0	0	0	0	0	1	1	1	1
47.5°	0	0	0	0	0	0	1	1	1	1	1
45°	0	0	0	0	0	0	1	1	1	1	1
42.5°	0	0	0	0	0	1	1	1	1	1	2
40°	0	0	0	0	0	1	1	1	1	1	3
37.5°	0	0	0	0	0	1	1	1	2	2	4
35°	0	0	0	0	0	1	1	1	2	3	6
32.5°	0	0	0	0	0	1	1	1	3	5	7
30°	0	0	0	0	1	1	1	1	3	6	9
27.5°	0	0	0	0	1	1	1	2	4	7	11
25°	0	0	0	0	1	1	1	2	5	8	13
22.5°	0	0	0	0	1	1	1	3	6	10	15
20°	0	0	0	0	1	1	1	3	7	11	17
17.5°	0	0	0	0	1	1	1	4	7	13	20
15°	0	0	0	0	1	1	2	5	8	14	21
12.5°	0	0	0	0	1	1	2	5	9	16	23
10°	0	0	0	0	1	1	2	6	10	17	25
7.5°	0	0	0	0	1	1	2	7	10	18	26
5°	0	0	0	0	1	1	2	7	11	20	28
2.5°	0	0	0	0	1	1	3	8	12	21	29
0°	0	0	0	0	1	1	3	8	12	22	30
-2.5°	0	0	0	0	1	2	3	8	13	22	31
-5°	0	0	0	0	1	2	4	8	14	23	31
-7.5°	0	0	0	0	1	2	4	9	15	24	32
-10°	0	0	0	0	1	2	5	9	16	24	32
-12.5°	0	0	0	0	1	2	5	9	17	24	33
-15°	0	0	0	0	1	2	5	9	17	25	34
-17.5°	0	0	0	1	1	2	5	9	16	25	34
-20°	0	0	0	1	1	2	5	9	16	25	34

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REPORT NUMBER: P626724 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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	1	1	2	6	10	16	24	33
-25°	0	0	0	1	1	2	6	10	15	24	33
-27.5°	0	0	0	1	1	3	6	10	15	23	32
-30°	0	0	0	1	1	3	6	10	15	22	31
-32.5°	0	0	0	1	2	3	5	10	15	22	30
-35°	0	0	0	1	2	3	6	10	15	21	28
-37.5°	0	0	0	0	2	3	6	10	14	20	27
-40°	0	0	0	0	2	3	5	9	14	19	27
-42.5°	0	0	0	0	2	3	5	9	13	19	26
-45°	0	0	0	0	2	3	5	9	13	18	24
-47.5°	0	0	0	0	2	3	5	8	12	17	23
-50°	0	0	0	0	2	3	5	8	12	16	22
-52.5°	0	0	0	0	1	3	4	7	11	15	20
-55°	0	0	0	0	1	3	4	6	10	14	18
-57.5°	0	0	0	0	1	2	4	6	9	13	17
-60°	0	0	0	0	1	2	4	5	8	11	15
-62.5°	0	0	0	0	1	2	3	5	7	10	13
-65°	0	0	0	0	1	2	3	4	6	9	12
-67.5°	0	0	0	0	1	2	3	4	6	8	10
-70°	0	0	0	0	1	2	3	4	5	7	9
-72.5°	0	0	0	0	1	1	2	3	4	6	7
-75°	0	0	0	0	1	1	2	3	3	5	6
-77.5°	0	0	0	0	1	1	2	2	3	3	4
-80°	0	0	0	0	0	1	1	2	2	3	3
-82.5°	0	0	0	0	0	1	1	1	1	2	2
-85°	0	0	0	0	0	0	1	1	1	1	1
-87.5°	0	0	0	0	0	0	0	0	0	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626724 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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	1	1	1	1	1	3
57.5°	0	0	1	1	1	2	2	3	4	6	7
55°	0	1	1	1	2	3	4	7	9	12	14
52.5°	1	1	1	2	4	6	9	12	15	18	20
50°	1	2	2	4	7	10	14	18	22	24	28
47.5°	2	2	4	7	10	15	21	24	27	32	38
45°	3	4	7	10	15	21	26	30	35	41	47
42.5°	4	6	10	14	21	27	32	37	42	49	55
40°	5	8	13	19	27	32	38	44	50	57	64
37.5°	7	11	17	24	32	38	45	52	59	67	75
35°	9	14	21	29	37	45	52	60	69	77	86
32.5°	11	18	25	34	42	51	59	69	78	87	98
30°	14	21	29	38	47	56	67	77	87	97	109
27.5°	17	24	33	42	51	61	74	85	95	106	119
25°	20	27	36	46	56	68	81	92	103	116	131
22.5°	23	31	41	49	60	74	88	100	112	125	142
20°	25	34	44	54	65	80	94	108	122	138	158
17.5°	28	37	48	59	71	86	101	116	132	152	176
15°	30	41	52	64	77	92	108	125	143	166	193
12.5°	32	43	56	68	81	97	113	131	152	180	214
10°	35	46	59	72	86	102	119	137	160	189	230
7.5°	36	48	62	75	89	106	123	142	166	197	242
5°	38	51	64	78	92	109	126	146	171	204	252
2.5°	40	53	66	80	95	111	129	149	174	209	260
0°	41	54	68	81	96	113	130	151	176	214	265
-2.5°	42	56	69	83	98	114	132	152	179	216	266
-5°	43	57	71	84	100	115	133	153	180	216	266
-7.5°	44	58	72	85	101	116	133	154	181	216	266
-10°	44	59	72	86	101	117	133	153	180	213	262
-12.5°	45	59	73	86	102	117	133	152	177	209	253
-15°	46	59	73	86	101	117	132	150	173	204	242
-17.5°	46	59	72	86	101	116	130	147	169	198	235
-20°	46	59	72	84	99	115	129	146	166	191	224

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CATALOG NUMBER: GFLD-SA1D-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°	45	58	71	83	98	112	127	143	161	183	213
-25°	45	58	70	82	95	110	124	139	157	177	202
-27.5°	44	57	68	80	93	107	121	135	152	170	192
-30°	42	55	67	79	91	104	117	131	146	163	183
-32.5°	40	53	65	76	89	101	113	127	141	156	174
-35°	38	51	62	73	86	98	109	121	135	149	164
-37.5°	37	48	60	70	82	94	105	116	128	142	156
-40°	36	45	57	67	78	90	100	110	122	135	148
-42.5°	34	44	54	64	74	85	96	106	116	128	141
-45°	33	42	51	61	71	80	91	101	111	122	134
-47.5°	31	39	48	57	67	77	86	95	106	116	126
-50°	29	37	45	54	63	72	82	90	100	110	120
-52.5°	26	34	42	50	58	67	77	85	94	102	112
-55°	24	31	38	46	53	62	71	79	88	96	104
-57.5°	22	28	35	42	49	56	64	73	81	89	97
-60°	19	24	30	37	44	51	58	66	74	81	89
-62.5°	17	22	27	32	39	46	52	59	66	73	79
-65°	15	19	23	28	33	39	45	52	58	64	69
-67.5°	13	16	20	24	28	33	38	44	50	55	59
-70°	11	13	16	20	23	27	32	36	41	45	50
-72.5°	9	11	13	16	19	23	26	30	33	37	41
-75°	8	9	11	13	15	18	21	24	27	30	33
-77.5°	6	7	9	10	12	14	16	19	21	24	26
-80°	4	5	7	8	9	10	12	14	15	17	19
-82.5°	3	4	5	6	6	7	8	9	10	12	13
-85°	2	2	3	3	4	4	4	5	6	7	8
-87.5°	1	1	1	2	2	2	2	2	2	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626724 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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	1	1	1	2	2	2	2	2	2	2
60°	3	3	5	6	6	5	7	8	7	6	6
57.5°	10	12	14	14	16	19	20	19	20	21	23
55°	17	18	20	23	25	28	30	31	33	35	37
52.5°	23	26	28	31	35	37	38	41	45	47	49
50°	32	36	39	43	46	50	52	56	61	65	68
47.5°	42	47	51	57	61	64	67	72	78	84	87
45°	52	57	62	68	72	76	82	88	94	100	104
42.5°	60	66	72	78	82	89	96	102	110	117	123
40°	70	75	84	90	96	103	114	123	132	141	146
37.5°	82	91	100	108	115	124	139	153	165	177	185
35°	96	106	118	127	137	154	173	193	213	229	244
32.5°	109	121	133	146	163	186	210	242	272	303	331
30°	121	134	149	166	193	226	263	313	367	420	481
27.5°	133	148	166	193	233	278	348	426	537	626	771
25°	147	164	188	231	287	365	488	627	857	1053	1274
22.5°	164	189	223	277	370	512	702	1005	1358	1686	1998
20°	184	219	277	363	496	715	1075	1534	2025	2505	2969
17.5°	211	266	349	472	661	1120	1656	2312	3153	3784	4382
15°	236	305	430	629	985	1576	2325	3330	4462	5413	6489
12.5°	265	349	499	758	1267	2047	3002	4201	5540	6984	8669
10°	290	394	587	943	1560	2468	3539	4946	6666	8709	10839
7.5°	310	431	661	1081	1807	2814	4091	5802	7980	10368	12798
5°	325	460	718	1190	2018	3094	4494	6480	8963	11703	14119
2.5°	337	480	756	1257	2160	3286	4769	6840	9564	12575	15112
0°	346	493	778	1304	2226	3377	4897	6985	9845	13002	15611
-2.5°	349	499	779	1288	2186	3371	4867	6896	9651	12832	15505
-5°	350	496	759	1254	2114	3250	4672	6558	9058	12042	14750
-7.5°	348	483	719	1170	1955	3037	4400	6055	8104	10735	13534
-10°	339	459	665	1056	1734	2704	3976	5375	7012	9160	11428
-12.5°	322	425	591	885	1475	2327	3454	4690	5966	7377	9243
-15°	301	389	530	781	1235	1931	2843	3887	4946	6027	7165
-17.5°	286	359	468	643	948	1511	2240	3079	3938	4797	5563
-20°	266	322	407	544	765	1098	1647	2300	2941	3641	4229

Classified

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

Scaled Data Report



REPORT NUMBER: P626724 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	249	296	360	446	595	829	1142	1602	2089	2598	3080
-25°	232	268	319	388	477	616	823	1063	1405	1718	2076
-27.5°	218	248	283	334	401	478	604	745	924	1073	1312
-30°	205	229	257	290	340	398	466	551	639	727	841
-32.5°	193	213	235	261	292	336	378	432	480	533	588
-35°	180	198	216	237	261	290	321	357	389	421	450
-37.5°	170	185	201	217	236	256	281	306	328	349	366
-40°	161	173	186	200	215	232	251	270	284	298	309
-42.5°	153	164	174	186	198	213	228	243	252	262	269
-45°	145	154	164	173	184	197	210	221	229	236	241
-47.5°	137	145	154	163	173	183	193	201	208	214	218
-50°	128	137	145	152	161	170	179	186	192	197	200
-52.5°	121	129	136	144	151	158	165	172	178	184	186
-55°	113	121	128	135	142	149	155	161	166	172	173
-57.5°	105	113	121	127	132	139	145	150	156	161	162
-60°	97	105	111	117	123	128	134	139	144	149	151
-62.5°	87	94	100	105	110	115	120	125	130	134	136
-65°	74	81	87	92	97	101	106	110	114	117	119
-67.5°	64	69	74	78	83	88	92	95	99	101	103
-70°	54	58	63	67	71	75	79	82	85	87	89
-72.5°	45	49	52	56	60	63	66	69	72	74	76
-75°	36	40	43	46	49	52	55	57	59	61	62
-77.5°	29	31	34	36	39	41	43	45	47	48	49
-80°	21	23	25	27	29	30	32	33	35	36	37
-82.5°	15	16	17	19	20	21	22	23	23	24	25
-85°	8	9	10	11	12	13	13	14	14	15	15
-87.5°	3	4	4	4	5	5	5	5	5	6	6
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626724 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	2	1	1	1	1	1	2	2	2	2	2
60°	6	5	5	5	5	5	6	6	6	7	8
57.5°	25	27	28	29	28	27	25	23	21	20	19
55°	38	40	40	39	40	40	38	37	35	33	31
52.5°	50	50	50	49	50	50	50	49	47	45	41
50°	69	69	69	69	69	69	69	68	65	61	56
47.5°	89	90	90	90	90	90	89	87	84	78	72
45°	106	107	108	107	108	107	106	104	100	94	88
42.5°	125	125	126	126	126	125	125	123	117	110	102
40°	149	150	150	149	150	150	149	146	141	132	123
37.5°	190	193	195	198	195	193	190	185	177	165	153
35°	255	262	266	271	266	262	255	244	229	213	193
32.5°	352	366	374	381	374	366	352	331	303	272	242
30°	523	551	563	584	563	551	523	481	420	367	313
27.5°	876	943	969	1023	969	943	876	771	626	537	426
25°	1476	1619	1698	1760	1698	1619	1476	1274	1053	857	627
22.5°	2314	2524	2636	2719	2636	2524	2314	1998	1686	1358	1005
20°	3389	3666	3831	3951	3831	3666	3389	2969	2505	2025	1534
17.5°	5151	5586	5840	6059	5840	5586	5151	4382	3784	3153	2312
15°	7690	8564	9243	9621	9243	8564	7690	6489	5413	4462	3330
12.5°	10159	11440	12200	12550	12200	11440	10159	8669	6984	5540	4201
10°	12602	13809	14533	14661	14533	13809	12602	10839	8709	6666	4946
7.5°	14472	15799	16761	17110	16761	15799	14472	12798	10368	7980	5802
5°	16123	17678	18695	18824	18695	17678	16123	14119	11703	8963	6480
2.5°	17338	19028	20015	20354	20015	19028	17338	15112	12575	9564	6840
0°	17926	19746	20844	21338	20844	19746	17926	15611	13002	9845	6985
-2.5°	17802	19685	20910	21555	20910	19685	17802	15505	12832	9651	6896
-5°	17125	19013	20156	20841	20156	19013	17125	14750	12042	9058	6558
-7.5°	15565	17330	18546	19179	18546	17330	15565	13534	10735	8104	6055
-10°	13553	15047	16156	16695	16156	15047	13553	11428	9160	7012	5375
-12.5°	10939	12389	13389	13770	13389	12389	10939	9243	7377	5966	4690
-15°	8382	9488	10198	10423	10198	9488	8382	7165	6027	4946	3887
-17.5°	6356	6952	7352	7459	7352	6952	6356	5563	4797	3938	3079
-20°	4762	5131	5390	5452	5390	5131	4762	4229	3641	2941	2300

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REPORT NUMBER: P626724 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	3470	3747	3957	3998	3957	3747	3470	3080	2598	2089	1602
-25°	2393	2625	2768	2778	2768	2625	2393	2076	1718	1405	1063
-27.5°	1500	1628	1694	1717	1694	1628	1500	1312	1073	924	745
-30°	927	986	1017	1018	1017	986	927	841	727	639	551
-32.5°	629	658	673	673	673	658	629	588	533	480	432
-35°	472	486	495	495	495	486	472	450	421	389	357
-37.5°	379	387	391	392	391	387	379	366	349	328	306
-40°	317	323	326	328	326	323	317	309	298	284	270
-42.5°	274	278	279	278	279	278	274	269	262	252	243
-45°	244	246	248	248	248	246	244	241	236	229	221
-47.5°	220	222	222	223	222	222	220	218	214	208	201
-50°	202	203	203	202	203	203	202	200	197	192	186
-52.5°	187	187	187	187	187	187	187	186	184	178	172
-55°	174	175	175	175	175	175	174	173	172	166	161
-57.5°	164	165	165	164	165	165	164	162	161	156	150
-60°	153	154	155	155	155	154	153	151	149	144	139
-62.5°	138	139	140	140	140	139	138	136	134	130	125
-65°	120	121	123	125	123	121	120	119	117	114	110
-67.5°	104	105	107	109	107	105	104	103	101	99	95
-70°	91	92	92	92	92	92	91	89	87	85	82
-72.5°	77	78	79	79	79	78	77	76	74	72	69
-75°	64	65	65	65	65	65	64	62	61	59	57
-77.5°	50	51	52	52	52	51	50	49	48	47	45
-80°	38	39	39	38	39	39	38	37	36	35	33
-82.5°	26	27	26	26	26	27	26	25	24	23	23
-85°	16	16	16	15	16	16	16	15	15	14	14
-87.5°	6	7	6	5	6	7	6	6	6	5	5
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626724 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	2	2	2	1	1	1	0	0	0	0	0
60°	7	5	6	6	5	3	3	3	1	1	1
57.5°	20	19	16	14	14	12	10	7	6	4	3
55°	30	28	25	23	20	18	17	14	12	9	7
52.5°	38	37	35	31	28	26	23	20	18	15	12
50°	52	50	46	43	39	36	32	28	24	22	18
47.5°	67	64	61	57	51	47	42	38	32	27	24
45°	82	76	72	68	62	57	52	47	41	35	30
42.5°	96	89	82	78	72	66	60	55	49	42	37
40°	114	103	96	90	84	75	70	64	57	50	44
37.5°	139	124	115	108	100	91	82	75	67	59	52
35°	173	154	137	127	118	106	96	86	77	69	60
32.5°	210	186	163	146	133	121	109	98	87	78	69
30°	263	226	193	166	149	134	121	109	97	87	77
27.5°	348	278	233	193	166	148	133	119	106	95	85
25°	488	365	287	231	188	164	147	131	116	103	92
22.5°	702	512	370	277	223	189	164	142	125	112	100
20°	1075	715	496	363	277	219	184	158	138	122	108
17.5°	1656	1120	661	472	349	266	211	176	152	132	116
15°	2325	1576	985	629	430	305	236	193	166	143	125
12.5°	3002	2047	1267	758	499	349	265	214	180	152	131
10°	3539	2468	1560	943	587	394	290	230	189	160	137
7.5°	4091	2814	1807	1081	661	431	310	242	197	166	142
5°	4494	3094	2018	1190	718	460	325	252	204	171	146
2.5°	4769	3286	2160	1257	756	480	337	260	209	174	149
0°	4897	3377	2226	1304	778	493	346	265	214	176	151
-2.5°	4867	3371	2186	1288	779	499	349	266	216	179	152
-5°	4672	3250	2114	1254	759	496	350	266	216	180	153
-7.5°	4400	3037	1955	1170	719	483	348	266	216	181	154
-10°	3976	2704	1734	1056	665	459	339	262	213	180	153
-12.5°	3454	2327	1475	885	591	425	322	253	209	177	152
-15°	2843	1931	1235	781	530	389	301	242	204	173	150
-17.5°	2240	1511	948	643	468	359	286	235	198	169	147
-20°	1647	1098	765	544	407	322	266	224	191	166	146

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REPORT NUMBER: P626724 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	1142	829	595	446	360	296	249	213	183	161	143
-25°	823	616	477	388	319	268	232	202	177	157	139
-27.5°	604	478	401	334	283	248	218	192	170	152	135
-30°	466	398	340	290	257	229	205	183	163	146	131
-32.5°	378	336	292	261	235	213	193	174	156	141	127
-35°	321	290	261	237	216	198	180	164	149	135	121
-37.5°	281	256	236	217	201	185	170	156	142	128	116
-40°	251	232	215	200	186	173	161	148	135	122	110
-42.5°	228	213	198	186	174	164	153	141	128	116	106
-45°	210	197	184	173	164	154	145	134	122	111	101
-47.5°	193	183	173	163	154	145	137	126	116	106	95
-50°	179	170	161	152	145	137	128	120	110	100	90
-52.5°	165	158	151	144	136	129	121	112	102	94	85
-55°	155	149	142	135	128	121	113	104	96	88	79
-57.5°	145	139	132	127	121	113	105	97	89	81	73
-60°	134	128	123	117	111	105	97	89	81	74	66
-62.5°	120	115	110	105	100	94	87	79	73	66	59
-65°	106	101	97	92	87	81	74	69	64	58	52
-67.5°	92	88	83	78	74	69	64	59	55	50	44
-70°	79	75	71	67	63	58	54	50	45	41	36
-72.5°	66	63	60	56	52	49	45	41	37	33	30
-75°	55	52	49	46	43	40	36	33	30	27	24
-77.5°	43	41	39	36	34	31	29	26	24	21	19
-80°	32	30	29	27	25	23	21	19	17	15	14
-82.5°	22	21	20	19	17	16	15	13	12	10	9
-85°	13	13	12	11	10	9	8	8	7	6	5
-87.5°	5	5	5	4	4	4	3	3	3	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626724 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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	1	0	0	0	0	0	0	0	0	0
57.5°	2	2	1	1	1	0	0	0	1	0	0
55°	4	3	2	1	1	1	0	1	1	1	0
52.5°	9	6	4	2	1	1	1	1	1	1	0
50°	14	10	7	4	2	2	1	1	1	1	1
47.5°	21	15	10	7	4	2	2	1	1	1	1
45°	26	21	15	10	7	4	3	1	1	1	1
42.5°	32	27	21	14	10	6	4	2	1	1	1
40°	38	32	27	19	13	8	5	3	1	1	1
37.5°	45	38	32	24	17	11	7	4	2	2	1
35°	52	45	37	29	21	14	9	6	3	2	1
32.5°	59	51	42	34	25	18	11	7	5	3	1
30°	67	56	47	38	29	21	14	9	6	3	1
27.5°	74	61	51	42	33	24	17	11	7	4	2
25°	81	68	56	46	36	27	20	13	8	5	2
22.5°	88	74	60	49	41	31	23	15	10	6	3
20°	94	80	65	54	44	34	25	17	11	7	3
17.5°	101	86	71	59	48	37	28	20	13	7	4
15°	108	92	77	64	52	41	30	21	14	8	5
12.5°	113	97	81	68	56	43	32	23	16	9	5
10°	119	102	86	72	59	46	35	25	17	10	6
7.5°	123	106	89	75	62	48	36	26	18	10	7
5°	126	109	92	78	64	51	38	28	20	11	7
2.5°	129	111	95	80	66	53	40	29	21	12	8
0°	130	113	96	81	68	54	41	30	22	12	8
-2.5°	132	114	98	83	69	56	42	31	22	13	8
-5°	133	115	100	84	71	57	43	31	23	14	8
-7.5°	133	116	101	85	72	58	44	32	24	15	9
-10°	133	117	101	86	72	59	44	32	24	16	9
-12.5°	133	117	102	86	73	59	45	33	24	17	9
-15°	132	117	101	86	73	59	46	34	25	17	9
-17.5°	130	116	101	86	72	59	46	34	25	16	9
-20°	129	115	99	84	72	59	46	34	25	16	9

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REPORT NUMBER: P626724 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	127	112	98	83	71	58	45	33	24	16	10
-25°	124	110	95	82	70	58	45	33	24	15	10
-27.5°	121	107	93	80	68	57	44	32	23	15	10
-30°	117	104	91	79	67	55	42	31	22	15	10
-32.5°	113	101	89	76	65	53	40	30	22	15	10
-35°	109	98	86	73	62	51	38	28	21	15	10
-37.5°	105	94	82	70	60	48	37	27	20	14	10
-40°	100	90	78	67	57	45	36	27	19	14	9
-42.5°	96	85	74	64	54	44	34	26	19	13	9
-45°	91	80	71	61	51	42	33	24	18	13	9
-47.5°	86	77	67	57	48	39	31	23	17	12	8
-50°	82	72	63	54	45	37	29	22	16	12	8
-52.5°	77	67	58	50	42	34	26	20	15	11	7
-55°	71	62	53	46	38	31	24	18	14	10	6
-57.5°	64	56	49	42	35	28	22	17	13	9	6
-60°	58	51	44	37	30	24	19	15	11	8	5
-62.5°	52	46	39	32	27	22	17	13	10	7	5
-65°	45	39	33	28	23	19	15	12	9	6	4
-67.5°	38	33	28	24	20	16	13	10	8	6	4
-70°	32	27	23	20	16	13	11	9	7	5	4
-72.5°	26	23	19	16	13	11	9	7	6	4	3
-75°	21	18	15	13	11	9	8	6	5	3	3
-77.5°	16	14	12	10	9	7	6	4	3	3	2
-80°	12	10	9	8	7	5	4	3	3	2	2
-82.5°	8	7	6	6	5	4	3	2	2	1	1
-85°	4	4	4	3	3	2	2	1	1	1	1
-87.5°	2	2	2	2	1	1	1	1	1	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: P626724 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	1	0	0	0	0	0	0
45°	1	0	0	0	0	0	0
42.5°	1	1	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	1	0	0	0	0
27.5°	1	1	1	0	0	0	0
25°	1	1	1	0	0	0	0
22.5°	1	1	1	0	0	0	0
20°	1	1	1	0	0	0	0
17.5°	1	1	1	0	0	0	0
15°	2	1	1	0	0	0	0
12.5°	2	1	1	0	0	0	0
10°	2	1	1	0	0	0	0
7.5°	2	1	1	0	0	0	0
5°	2	1	1	0	0	0	0
2.5°	3	1	1	0	0	0	0
0°	3	1	1	0	0	0	0
-2.5°	3	2	1	0	0	0	0
-5°	4	2	1	0	0	0	0
-7.5°	4	2	1	0	0	0	0
-10°	5	2	1	0	0	0	0
-12.5°	5	2	1	0	0	0	0
-15°	5	2	1	0	0	0	0
-17.5°	5	2	1	1	0	0	0
-20°	5	2	1	1	0	0	0

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REPORT NUMBER: P626724 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)