

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: P626784 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-730-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626784 (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-SA1E-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: 6712.3 lumens
Efficiency: N/A
Efficacy: 101.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 23666.4 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 3356.2 lumens
Beam Efficiency: 50.0%

Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 5767.1 lumens
Field Efficiency: 85.9%

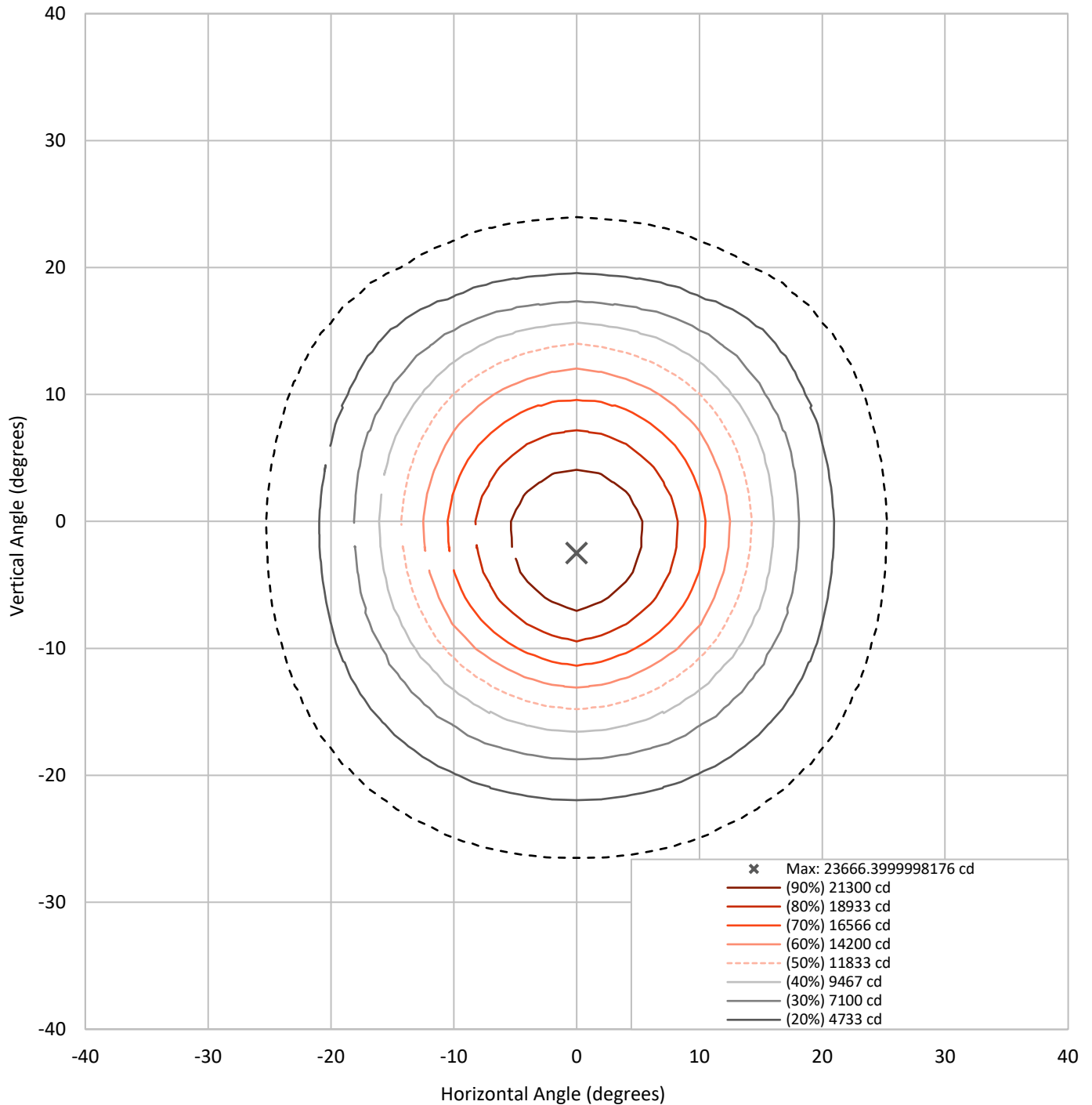
Input Watts (W): 66.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA1E-730-U-MR-VSR-XX

Iso-Candela Plot





REPORT NUMBER: P626784 (CONVERTED FROM TYPE C PHOTOMETRY)

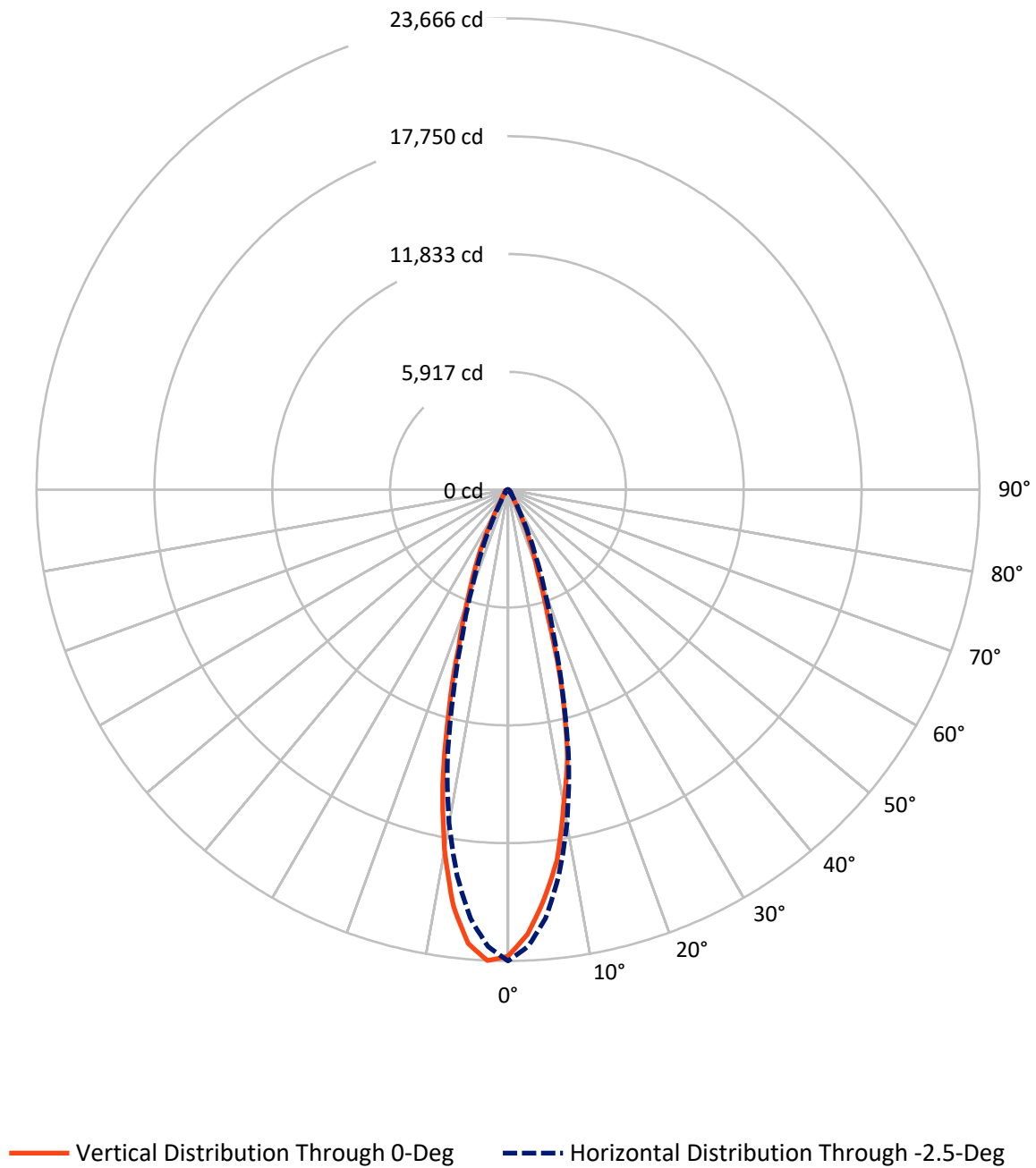
CATALOG NUMBER: GFLD-SA1E-730-U-MR-VSR-XX

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	0.2	0.5	0.8	1.1	1.3	1.3	1.1	0.8	0.5	0.2	0.0		0.0			
40	0.0	0.0	0.2	0.7	1.4	2.2	3.0	3.6	3.6	3.0	2.2	1.4	0.7	0.2	0.0				
30		0.1	0.6	1.4	2.6	4.3	7.2	9.7	9.7	7.2	4.3	2.6	1.4	0.6	0.1				
20	0.0	0.2	0.9	2.2	4.2	10.1	31.9	58.4	58.4	31.9	10.1	4.2	2.2	0.9	0.2				
10		0.3	1.2	3.0	7.1	35.0	142.1	278.3	278.3	142.1	35.0	7.1	3.0	1.2	0.3				
0	0.1	0.4	1.5	3.6	10.2	66.6	287.0	562.6	562.6	287.0	66.6	10.2	3.6	1.5	0.4				
-10		0.5	1.6	3.7	10.9	69.8	294.5	596.5	596.5	294.5	69.8	10.9	3.7	1.6	0.5				
-20	0.1	0.5	1.7	3.7	9.0	42.9	162.9	315.7	315.7	162.9	42.9	9.0	3.7	1.7	0.5				
-30		0.5	1.6	3.3	6.6	16.6	50.4	90.0	90.0	50.4	16.6	6.6	3.3	1.6	0.5				
-40	0.1	0.4	1.4	2.9	5.0	8.2	13.4	17.9	17.9	13.4	8.2	5.0	2.9	1.4	0.4				
-50		0.4	1.2	2.4	4.0	5.7	7.5	8.4	8.4	7.5	5.7	4.0	2.4	1.2	0.4				
-60	0.1	0.3	0.9	1.9	3.1	4.3	5.4	5.8	5.8	5.4	4.3	3.1	1.9	0.9	0.3				
-70		0.2	0.6	1.2	2.1	2.9	3.7	4.1	4.1	3.7	2.9	2.1	1.2	0.6	0.2				
-80	0.0	0.4	2.0	4.3	5.4	4.3	2.0	0.4	0.0										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

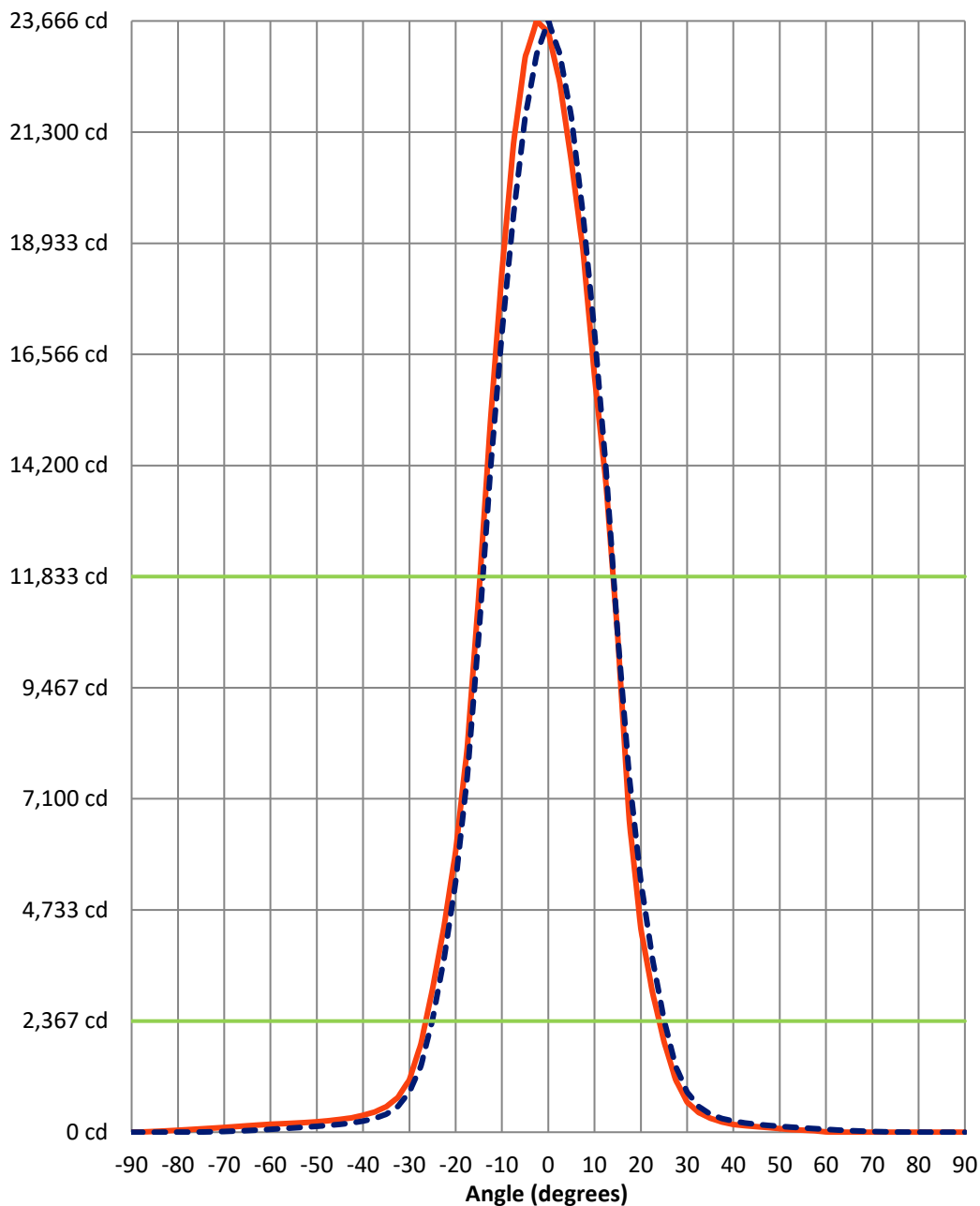
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 3356.2
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 5767.1
 Efficiency: 85.9%

Spill:
 Lumens: 945.2
 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	1
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	2	1	1
42.5°	0	0	0	0	0	1	1	2	2	1	2
40°	0	0	0	0	0	1	1	2	2	2	4
37.5°	0	0	0	0	0	1	1	2	2	2	5
35°	0	0	0	0	0	1	1	2	2	4	6
32.5°	0	0	0	0	1	1	2	2	3	5	8
30°	0	0	0	0	1	1	2	2	3	6	10
27.5°	0	0	0	0	1	1	2	2	4	8	12
25°	0	0	0	0	1	1	2	3	5	9	14
22.5°	0	0	0	0	1	2	2	3	6	11	17
20°	0	0	0	0	1	2	2	4	7	12	19
17.5°	0	0	0	0	1	2	2	4	8	14	21
15°	0	0	0	0	1	2	2	5	9	16	24
12.5°	0	0	0	0	1	2	2	6	10	17	25
10°	0	0	0	0	1	2	2	7	11	19	27
7.5°	0	0	0	0	1	2	2	7	11	20	29
5°	0	0	0	0	1	2	3	8	12	22	30
2.5°	0	0	0	0	1	2	3	8	13	23	32
0°	0	0	0	0	2	2	3	9	13	24	33
-2.5°	0	0	0	0	1	2	4	9	15	25	34
-5°	0	0	0	0	1	2	4	9	16	25	35
-7.5°	0	0	0	0	1	2	5	9	17	26	35
-10°	0	0	0	0	1	2	5	9	18	26	36
-12.5°	0	0	0	0	1	2	5	9	18	27	36
-15°	0	0	0	1	1	2	6	10	18	27	37
-17.5°	0	0	0	1	1	2	6	10	18	27	37
-20°	0	0	0	1	1	2	6	10	18	27	37

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REPORT NUMBER: P626784 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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	11	17	27	37
-25°	0	0	0	1	1	3	6	11	17	26	36
-27.5°	0	0	0	1	1	3	6	11	16	26	35
-30°	0	0	0	1	2	3	6	11	16	25	34
-32.5°	0	0	0	1	2	3	6	11	16	24	33
-35°	0	0	0	1	2	3	6	11	16	23	31
-37.5°	0	0	0	1	2	3	6	11	16	22	30
-40°	0	0	0	0	2	3	6	10	15	21	29
-42.5°	0	0	0	0	2	3	6	10	15	21	28
-45°	0	0	0	0	2	3	6	9	14	20	27
-47.5°	0	0	0	0	2	3	5	9	13	18	25
-50°	0	0	0	0	2	3	5	8	13	18	24
-52.5°	0	0	0	0	2	3	5	8	12	16	22
-55°	0	0	0	0	1	3	5	7	11	15	20
-57.5°	0	0	0	0	1	3	4	7	10	14	18
-60°	0	0	0	0	1	2	4	6	9	12	16
-62.5°	0	0	0	0	1	2	4	5	8	11	15
-65°	0	0	0	0	1	2	3	5	7	10	13
-67.5°	0	0	0	0	1	2	3	4	6	9	11
-70°	0	0	0	0	1	2	3	4	5	7	10
-72.5°	0	0	0	0	1	2	3	3	5	6	8
-75°	0	0	0	0	1	1	2	3	4	5	7
-77.5°	0	0	0	0	1	1	2	2	3	4	5
-80°	0	0	0	0	1	1	2	2	2	3	4
-82.5°	0	0	0	0	0	1	1	1	2	2	2
-85°	0	0	0	0	0	0	1	1	1	1	1
-87.5°	0	0	0	0	0	0	0	0	1	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626784 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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	1
60°	0	0	0	0	0	1	1	1	1	1	3
57.5°	0	0	1	1	1	2	2	3	5	7	8
55°	0	1	1	1	2	4	5	7	10	13	16
52.5°	1	2	1	2	4	6	9	13	17	20	22
50°	1	2	2	5	7	11	15	20	24	27	31
47.5°	2	2	5	8	11	17	23	27	30	35	42
45°	3	4	7	11	16	23	29	33	38	45	51
42.5°	4	7	11	15	23	30	35	40	47	54	61
40°	6	9	14	21	29	36	42	48	55	63	70
37.5°	8	12	18	27	35	42	49	57	65	73	82
35°	9	16	23	32	40	49	57	65	75	85	95
32.5°	12	19	28	37	46	56	65	75	86	96	108
30°	15	23	32	42	51	62	73	85	95	107	120
27.5°	19	26	36	46	56	67	81	93	104	117	131
25°	22	30	40	50	61	74	89	101	113	127	143
22.5°	25	34	45	54	66	81	96	110	123	137	156
20°	28	38	49	59	71	88	103	119	134	152	173
17.5°	31	41	53	65	78	94	111	128	145	166	193
15°	33	44	57	70	84	101	118	137	157	182	212
12.5°	36	48	61	74	89	106	125	144	167	197	235
10°	38	50	65	79	94	112	130	150	175	208	252
7.5°	40	53	68	83	98	116	135	156	182	216	266
5°	42	55	71	85	101	120	139	160	188	223	277
2.5°	43	58	73	88	104	122	141	163	191	230	285
0°	45	60	74	89	106	124	143	165	194	235	291
-2.5°	46	62	76	91	108	125	145	167	196	237	292
-5°	47	63	78	93	109	126	146	168	198	237	293
-7.5°	48	64	79	94	110	127	146	169	198	237	292
-10°	49	65	79	95	111	128	146	168	197	234	288
-12.5°	49	65	80	95	112	128	146	167	194	230	278
-15°	50	65	80	95	111	128	145	164	190	224	266
-17.5°	50	65	79	94	111	127	143	162	186	218	258
-20°	50	65	79	93	109	126	142	160	182	210	246

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CATALOG NUMBER: GFLD-SA1E-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°	50	64	78	91	107	123	139	157	177	201	233
-25°	49	63	76	90	105	121	137	152	172	195	222
-27.5°	48	62	75	88	102	117	133	149	166	187	211
-30°	46	60	73	86	100	114	128	144	160	180	201
-32.5°	44	58	71	84	97	111	124	139	155	171	191
-35°	42	55	68	81	94	107	120	133	148	164	180
-37.5°	41	53	65	77	90	103	115	127	141	156	171
-40°	39	50	62	74	86	98	110	121	134	148	163
-42.5°	37	48	59	71	82	93	105	116	127	141	155
-45°	36	46	56	67	78	88	100	111	122	134	147
-47.5°	34	43	53	63	74	84	94	105	116	128	139
-50°	32	41	50	59	69	80	90	99	109	121	132
-52.5°	29	38	46	55	64	74	84	94	103	112	123
-55°	26	34	42	50	58	68	77	87	97	105	115
-57.5°	24	30	38	46	53	61	71	80	89	98	107
-60°	21	27	33	41	48	56	64	72	81	89	98
-62.5°	19	24	29	36	43	50	57	65	73	80	87
-65°	17	21	25	31	37	43	50	57	64	70	76
-67.5°	14	18	22	26	31	36	42	48	55	60	65
-70°	12	15	18	22	26	30	35	40	45	50	55
-72.5°	10	12	15	17	21	25	29	32	37	41	45
-75°	8	10	12	14	17	20	23	27	30	33	37
-77.5°	6	8	10	11	13	15	18	21	23	26	29
-80°	5	6	7	9	10	11	13	15	17	19	21
-82.5°	3	4	5	6	7	8	9	10	11	13	14
-85°	2	2	3	4	4	4	5	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

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CATALOG NUMBER: GFLD-SA1E-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	2	2	2	2	2	2	2	2
60°	4	4	6	7	7	5	7	8	8	7	7
57.5°	10	13	15	16	18	21	22	21	22	23	25
55°	18	20	22	25	28	31	33	34	36	38	40
52.5°	25	28	31	34	38	40	41	46	49	52	54
50°	35	39	43	47	51	54	57	62	67	72	75
47.5°	46	51	56	62	67	70	74	79	86	92	96
45°	57	62	69	74	79	84	90	97	104	110	114
42.5°	66	72	79	85	90	97	105	112	121	129	135
40°	77	83	92	99	105	113	125	135	145	155	161
37.5°	90	100	110	118	126	136	153	169	181	194	203
35°	105	117	130	139	151	169	190	212	234	252	268
32.5°	120	133	146	161	179	205	230	266	298	332	364
30°	133	147	164	182	212	248	289	344	403	461	528
27.5°	146	163	182	212	256	305	382	468	590	688	846
25°	162	180	206	254	315	401	535	688	940	1156	1399
22.5°	180	208	245	304	407	562	771	1104	1491	1851	2194
20°	202	240	304	399	545	785	1180	1685	2224	2750	3259
17.5°	232	292	383	518	726	1229	1818	2539	3461	4154	4812
15°	259	335	472	691	1082	1730	2553	3657	4899	5943	7125
12.5°	291	383	548	832	1391	2248	3296	4613	6083	7668	9519
10°	319	432	645	1035	1713	2710	3885	5430	7319	9562	11901
7.5°	340	473	725	1187	1984	3089	4492	6371	8762	11384	14051
5°	357	505	789	1306	2215	3397	4934	7115	9840	12850	15502
2.5°	370	527	831	1380	2371	3608	5236	7510	10500	13807	16592
0°	380	541	854	1432	2444	3707	5376	7670	10809	14275	17140
-2.5°	383	548	855	1414	2400	3701	5344	7572	10596	14089	17023
-5°	385	544	833	1376	2322	3569	5130	7200	9945	13221	16195
-7.5°	382	530	790	1284	2146	3334	4831	6648	8898	11787	14860
-10°	372	504	730	1159	1904	2968	4366	5901	7698	10057	12547
-12.5°	353	466	649	972	1620	2555	3792	5149	6550	8100	10148
-15°	331	427	582	858	1356	2120	3122	4268	5430	6617	7867
-17.5°	314	394	514	706	1041	1659	2460	3381	4324	5267	6108
-20°	292	353	447	597	840	1205	1808	2525	3230	3998	4643

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626784 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	273	325	395	490	653	910	1254	1758	2294	2852	3382
-25°	255	294	350	426	523	676	903	1167	1543	1886	2280
-27.5°	240	273	311	367	441	524	664	818	1015	1178	1441
-30°	225	251	283	319	373	437	511	605	701	798	924
-32.5°	211	233	258	287	321	368	415	475	528	586	646
-35°	198	217	238	261	287	318	353	392	428	463	494
-37.5°	186	203	220	238	259	281	309	336	360	383	402
-40°	177	190	205	220	237	254	276	296	312	327	339
-42.5°	168	180	191	204	218	234	251	266	277	287	296
-45°	159	169	180	191	202	216	230	242	251	259	265
-47.5°	150	159	169	179	189	201	212	221	229	235	240
-50°	141	150	159	167	177	187	197	204	211	217	220
-52.5°	133	141	150	158	166	174	182	189	196	202	204
-55°	124	133	140	148	156	163	170	177	183	188	190
-57.5°	116	125	133	139	146	152	159	165	171	176	178
-60°	106	115	122	128	135	141	147	153	158	163	166
-62.5°	95	103	110	116	121	127	132	137	142	147	149
-65°	82	89	95	101	106	111	116	121	125	128	130
-67.5°	70	75	81	86	91	96	101	105	109	111	113
-70°	59	64	69	73	78	82	86	90	93	96	98
-72.5°	49	53	58	62	66	70	73	76	79	81	83
-75°	40	43	47	51	54	57	60	63	65	67	69
-77.5°	32	34	37	40	43	45	47	49	51	53	54
-80°	24	26	28	30	32	33	35	37	38	40	41
-82.5°	16	18	19	21	22	23	24	25	26	27	28
-85°	9	10	11	12	13	14	14	15	16	16	17
-87.5°	4	4	5	5	5	6	6	6	6	6	7
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626784 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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	2	1	2	1	2	2	2	2	2	2
60°	6	6	6	6	6	6	6	7	7	8	8
57.5°	28	30	31	31	31	30	28	25	23	22	21
55°	42	44	44	43	44	44	42	40	38	36	34
52.5°	55	55	54	54	54	55	55	54	52	49	46
50°	76	76	76	76	76	76	76	75	72	67	62
47.5°	97	98	99	98	99	98	97	96	92	86	79
45°	116	118	118	118	118	118	116	114	110	104	97
42.5°	137	138	138	139	138	138	137	135	129	121	112
40°	164	165	164	164	164	165	164	161	155	145	135
37.5°	209	212	214	218	214	212	209	203	194	181	169
35°	280	288	292	298	292	288	280	268	252	234	212
32.5°	387	402	410	419	410	402	387	364	332	298	266
30°	575	605	618	641	618	605	575	528	461	403	344
27.5°	962	1035	1064	1124	1064	1035	962	846	688	590	468
25°	1620	1778	1864	1933	1864	1778	1620	1399	1156	940	688
22.5°	2541	2771	2894	2985	2894	2771	2541	2194	1851	1491	1104
20°	3721	4025	4206	4338	4206	4025	3721	3259	2750	2224	1685
17.5°	5655	6133	6412	6652	6412	6133	5655	4812	4154	3461	2539
15°	8443	9402	10148	10564	10148	9402	8443	7125	5943	4899	3657
12.5°	11154	12560	13395	13779	13395	12560	11154	9519	7668	6083	4613
10°	13836	15162	15956	16097	15956	15162	13836	11901	9562	7319	5430
7.5°	15889	17347	18403	18786	18403	17347	15889	14051	11384	8762	6371
5°	17703	19409	20527	20668	20527	19409	17703	15502	12850	9840	7115
2.5°	19036	20892	21975	22348	21975	20892	19036	16592	13807	10500	7510
0°	19682	21680	22886	23428	22886	21680	19682	17140	14275	10809	7670
-2.5°	19546	21613	22958	23666	22958	21613	19546	17023	14089	10596	7572
-5°	18803	20876	22130	22883	22130	20876	18803	16195	13221	9945	7200
-7.5°	17089	19027	20363	21057	20363	19027	17089	14860	11787	8898	6648
-10°	14881	16521	17739	18330	17739	16521	14881	12547	10057	7698	5901
-12.5°	12011	13602	14701	15119	14701	13602	12011	10148	8100	6550	5149
-15°	9203	10417	11197	11444	11197	10417	9203	7867	6617	5430	4268
-17.5°	6979	7633	8072	8190	8072	7633	6979	6108	5267	4324	3381
-20°	5228	5634	5918	5986	5918	5634	5228	4643	3998	3230	2525

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REPORT NUMBER: P626784 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	3810	4114	4344	4390	4344	4114	3810	3382	2852	2294	1758
-25°	2628	2882	3039	3050	3039	2882	2628	2280	1886	1543	1167
-27.5°	1647	1787	1860	1885	1860	1787	1647	1441	1178	1015	818
-30°	1018	1083	1116	1118	1116	1083	1018	924	798	701	605
-32.5°	691	722	739	739	739	722	691	646	586	528	475
-35°	518	534	543	544	543	534	518	494	463	428	392
-37.5°	416	425	430	431	430	425	416	402	383	360	336
-40°	348	354	358	361	358	354	348	339	327	312	296
-42.5°	301	305	307	306	307	305	301	296	287	277	266
-45°	268	271	272	273	272	271	268	265	259	251	242
-47.5°	242	243	244	244	244	243	242	240	235	229	221
-50°	221	222	223	222	223	222	221	220	217	211	204
-52.5°	205	205	205	206	205	205	205	204	202	196	189
-55°	191	192	192	192	192	192	191	190	188	183	177
-57.5°	180	181	181	180	181	181	180	178	176	171	165
-60°	167	169	170	170	170	169	167	166	163	158	153
-62.5°	151	153	153	154	153	153	151	149	147	142	137
-65°	132	133	135	137	135	133	132	130	128	125	121
-67.5°	114	116	117	119	117	116	114	113	111	109	105
-70°	99	101	101	101	101	101	99	98	96	93	90
-72.5°	85	86	86	86	86	86	85	83	81	79	76
-75°	70	71	71	72	71	71	70	69	67	65	63
-77.5°	55	56	57	57	57	56	55	54	53	51	49
-80°	42	43	42	42	42	43	42	41	40	38	37
-82.5°	29	30	29	28	29	30	29	28	27	26	25
-85°	17	18	17	16	17	18	17	17	16	16	15
-87.5°	7	7	7	6	7	7	7	7	6	6	6
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626784 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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	2	1	1	0	1	0	0	0
60°	7	5	7	7	6	4	4	3	1	1	1
57.5°	22	21	18	16	15	13	10	8	7	5	3
55°	33	31	28	25	22	20	18	16	13	10	7
52.5°	41	40	38	34	31	28	25	22	20	17	13
50°	57	54	51	47	43	39	35	31	27	24	20
47.5°	74	70	67	62	56	51	46	42	35	30	27
45°	90	84	79	74	69	62	57	51	45	38	33
42.5°	105	97	90	85	79	72	66	61	54	47	40
40°	125	113	105	99	92	83	77	70	63	55	48
37.5°	153	136	126	118	110	100	90	82	73	65	57
35°	190	169	151	139	130	117	105	95	85	75	65
32.5°	230	205	179	161	146	133	120	108	96	86	75
30°	289	248	212	182	164	147	133	120	107	95	85
27.5°	382	305	256	212	182	163	146	131	117	104	93
25°	535	401	315	254	206	180	162	143	127	113	101
22.5°	771	562	407	304	245	208	180	156	137	123	110
20°	1180	785	545	399	304	240	202	173	152	134	119
17.5°	1818	1229	726	518	383	292	232	193	166	145	128
15°	2553	1730	1082	691	472	335	259	212	182	157	137
12.5°	3296	2248	1391	832	548	383	291	235	197	167	144
10°	3885	2710	1713	1035	645	432	319	252	208	175	150
7.5°	4492	3089	1984	1187	725	473	340	266	216	182	156
5°	4934	3397	2215	1306	789	505	357	277	223	188	160
2.5°	5236	3608	2371	1380	831	527	370	285	230	191	163
0°	5376	3707	2444	1432	854	541	380	291	235	194	165
-2.5°	5344	3701	2400	1414	855	548	383	292	237	196	167
-5°	5130	3569	2322	1376	833	544	385	293	237	198	168
-7.5°	4831	3334	2146	1284	790	530	382	292	237	198	169
-10°	4366	2968	1904	1159	730	504	372	288	234	197	168
-12.5°	3792	2555	1620	972	649	466	353	278	230	194	167
-15°	3122	2120	1356	858	582	427	331	266	224	190	164
-17.5°	2460	1659	1041	706	514	394	314	258	218	186	162
-20°	1808	1205	840	597	447	353	292	246	210	182	160

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REPORT NUMBER: P626784 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	1254	910	653	490	395	325	273	233	201	177	157
-25°	903	676	523	426	350	294	255	222	195	172	152
-27.5°	664	524	441	367	311	273	240	211	187	166	149
-30°	511	437	373	319	283	251	225	201	180	160	144
-32.5°	415	368	321	287	258	233	211	191	171	155	139
-35°	353	318	287	261	238	217	198	180	164	148	133
-37.5°	309	281	259	238	220	203	186	171	156	141	127
-40°	276	254	237	220	205	190	177	163	148	134	121
-42.5°	251	234	218	204	191	180	168	155	141	127	116
-45°	230	216	202	191	180	169	159	147	134	122	111
-47.5°	212	201	189	179	169	159	150	139	128	116	105
-50°	197	187	177	167	159	150	141	132	121	109	99
-52.5°	182	174	166	158	150	141	133	123	112	103	94
-55°	170	163	156	148	140	133	124	115	105	97	87
-57.5°	159	152	146	139	133	125	116	107	98	89	80
-60°	147	141	135	128	122	115	106	98	89	81	72
-62.5°	132	127	121	116	110	103	95	87	80	73	65
-65°	116	111	106	101	95	89	82	76	70	64	57
-67.5°	101	96	91	86	81	75	70	65	60	55	48
-70°	86	82	78	73	69	64	59	55	50	45	40
-72.5°	73	70	66	62	58	53	49	45	41	37	32
-75°	60	57	54	51	47	43	40	37	33	30	27
-77.5°	47	45	43	40	37	34	32	29	26	23	21
-80°	35	33	32	30	28	26	24	21	19	17	15
-82.5°	24	23	22	21	19	18	16	14	13	11	10
-85°	14	14	13	12	11	10	9	8	7	6	5
-87.5°	6	6	5	5	5	4	4	3	3	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626784 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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	1	1	0	0
55°	5	4	2	1	1	1	0	1	1	1	0
52.5°	9	6	4	2	1	2	1	1	1	1	0
50°	15	11	7	5	2	2	1	1	1	1	1
47.5°	23	17	11	8	5	2	2	1	1	1	1
45°	29	23	16	11	7	4	3	1	1	2	1
42.5°	35	30	23	15	11	7	4	2	1	2	2
40°	42	36	29	21	14	9	6	4	2	2	2
37.5°	49	42	35	27	18	12	8	5	2	2	2
35°	57	49	40	32	23	16	9	6	4	2	2
32.5°	65	56	46	37	28	19	12	8	5	3	2
30°	73	62	51	42	32	23	15	10	6	3	2
27.5°	81	67	56	46	36	26	19	12	8	4	2
25°	89	74	61	50	40	30	22	14	9	5	3
22.5°	96	81	66	54	45	34	25	17	11	6	3
20°	103	88	71	59	49	38	28	19	12	7	4
17.5°	111	94	78	65	53	41	31	21	14	8	4
15°	118	101	84	70	57	44	33	24	16	9	5
12.5°	125	106	89	74	61	48	36	25	17	10	6
10°	130	112	94	79	65	50	38	27	19	11	7
7.5°	135	116	98	83	68	53	40	29	20	11	7
5°	139	120	101	85	71	55	42	30	22	12	8
2.5°	141	122	104	88	73	58	43	32	23	13	8
0°	143	124	106	89	74	60	45	33	24	13	9
-2.5°	145	125	108	91	76	62	46	34	25	15	9
-5°	146	126	109	93	78	63	47	35	25	16	9
-7.5°	146	127	110	94	79	64	48	35	26	17	9
-10°	146	128	111	95	79	65	49	36	26	18	9
-12.5°	146	128	112	95	80	65	49	36	27	18	9
-15°	145	128	111	95	80	65	50	37	27	18	10
-17.5°	143	127	111	94	79	65	50	37	27	18	10
-20°	142	126	109	93	79	65	50	37	27	18	10

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REPORT NUMBER: P626784 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	139	123	107	91	78	64	50	37	27	17	11
-25°	137	121	105	90	76	63	49	36	26	17	11
-27.5°	133	117	102	88	75	62	48	35	26	16	11
-30°	128	114	100	86	73	60	46	34	25	16	11
-32.5°	124	111	97	84	71	58	44	33	24	16	11
-35°	120	107	94	81	68	55	42	31	23	16	11
-37.5°	115	103	90	77	65	53	41	30	22	16	11
-40°	110	98	86	74	62	50	39	29	21	15	10
-42.5°	105	93	82	71	59	48	37	28	21	15	10
-45°	100	88	78	67	56	46	36	27	20	14	9
-47.5°	94	84	74	63	53	43	34	25	18	13	9
-50°	90	80	69	59	50	41	32	24	18	13	8
-52.5°	84	74	64	55	46	38	29	22	16	12	8
-55°	77	68	58	50	42	34	26	20	15	11	7
-57.5°	71	61	53	46	38	30	24	18	14	10	7
-60°	64	56	48	41	33	27	21	16	12	9	6
-62.5°	57	50	43	36	29	24	19	15	11	8	5
-65°	50	43	37	31	25	21	17	13	10	7	5
-67.5°	42	36	31	26	22	18	14	11	9	6	4
-70°	35	30	26	22	18	15	12	10	7	5	4
-72.5°	29	25	21	17	15	12	10	8	6	5	3
-75°	23	20	17	14	12	10	8	7	5	4	3
-77.5°	18	15	13	11	10	8	6	5	4	3	2
-80°	13	11	10	9	7	6	5	4	3	2	2
-82.5°	9	8	7	6	5	4	3	2	2	2	1
-85°	5	4	4	4	3	2	2	1	1	1	1
-87.5°	2	2	2	2	1	1	1	1	1	1	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: P626784 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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°	2	1	1	0	0	0	0
30°	2	1	1	0	0	0	0
27.5°	2	1	1	0	0	0	0
25°	2	1	1	0	0	0	0
22.5°	2	2	1	0	0	0	0
20°	2	2	1	0	0	0	0
17.5°	2	2	1	0	0	0	0
15°	2	2	1	0	0	0	0
12.5°	2	2	1	0	0	0	0
10°	2	2	1	0	0	0	0
7.5°	2	2	1	0	0	0	0
5°	3	2	1	0	0	0	0
2.5°	3	2	1	0	0	0	0
0°	3	2	2	0	0	0	0
-2.5°	4	2	1	0	0	0	0
-5°	4	2	1	0	0	0	0
-7.5°	5	2	1	0	0	0	0
-10°	5	2	1	0	0	0	0
-12.5°	5	2	1	0	0	0	0
-15°	6	2	1	1	0	0	0
-17.5°	6	2	1	1	0	0	0
-20°	6	2	1	1	0	0	0

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REPORT NUMBER: P626784 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-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	3	1	1	0	0	0
-27.5°	6	3	1	1	0	0	0
-30°	6	3	2	1	0	0	0
-32.5°	6	3	2	1	0	0	0
-35°	6	3	2	1	0	0	0
-37.5°	6	3	2	1	0	0	0
-40°	6	3	2	0	0	0	0
-42.5°	6	3	2	0	0	0	0
-45°	6	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°	5	3	2	0	0	0	0
-55°	5	3	1	0	0	0	0
-57.5°	4	3	1	0	0	0	0
-60°	4	2	1	0	0	0	0
-62.5°	4	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°	3	2	1	0	0	0	0
-75°	2	1	1	0	0	0	0
-77.5°	2	1	1	0	0	0	0
-80°	2	1	1	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)