

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: P626804 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-740-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626804 (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-740-U-MR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7370.9 lumens
Efficiency: N/A
Efficacy: 111.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 25988.4 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 3685.5 lumens
Beam Efficiency: 50.0%

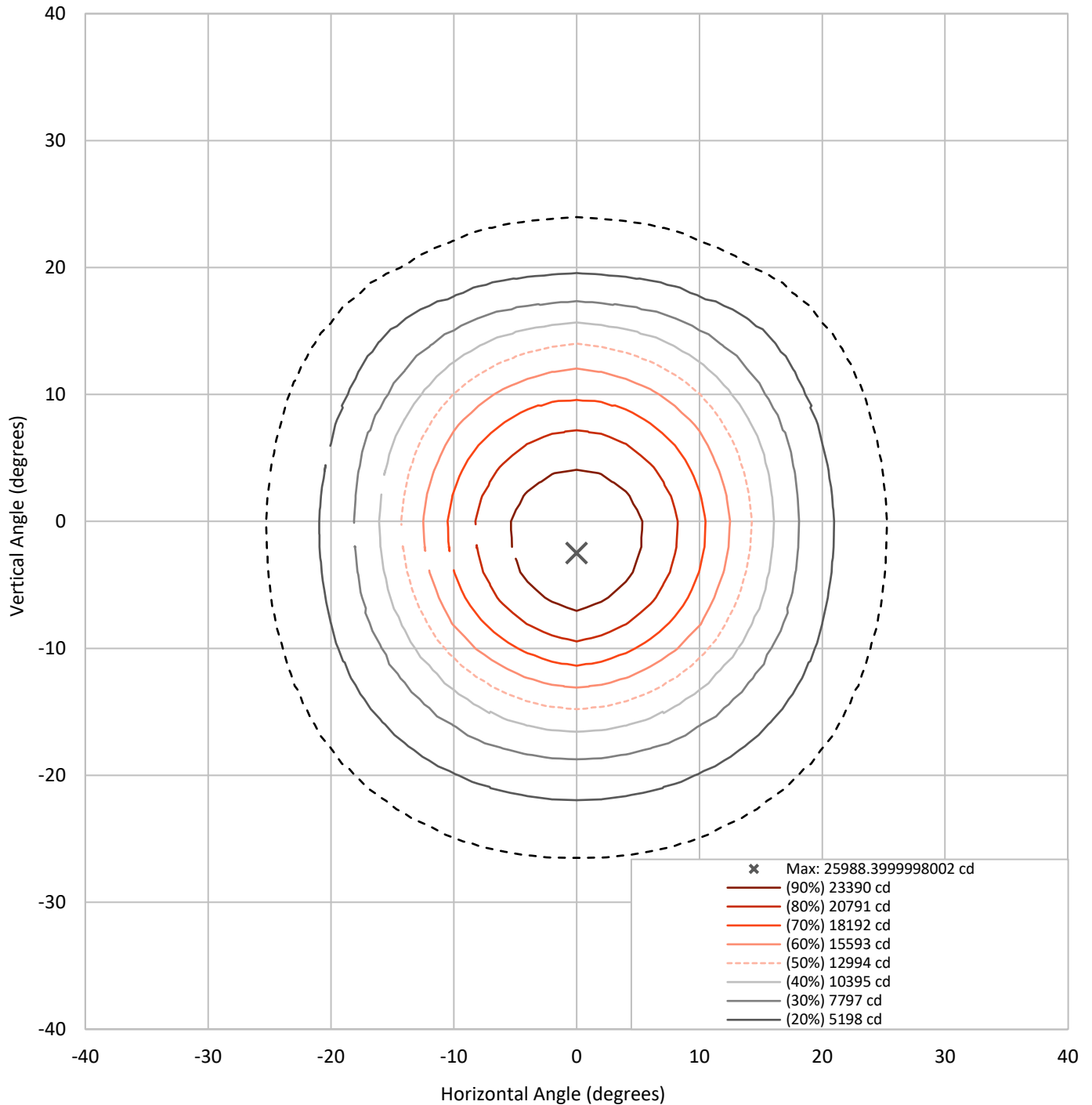
Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 6333 lumens
Field Efficiency: 85.9%

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



REPORT NUMBER: P626804 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





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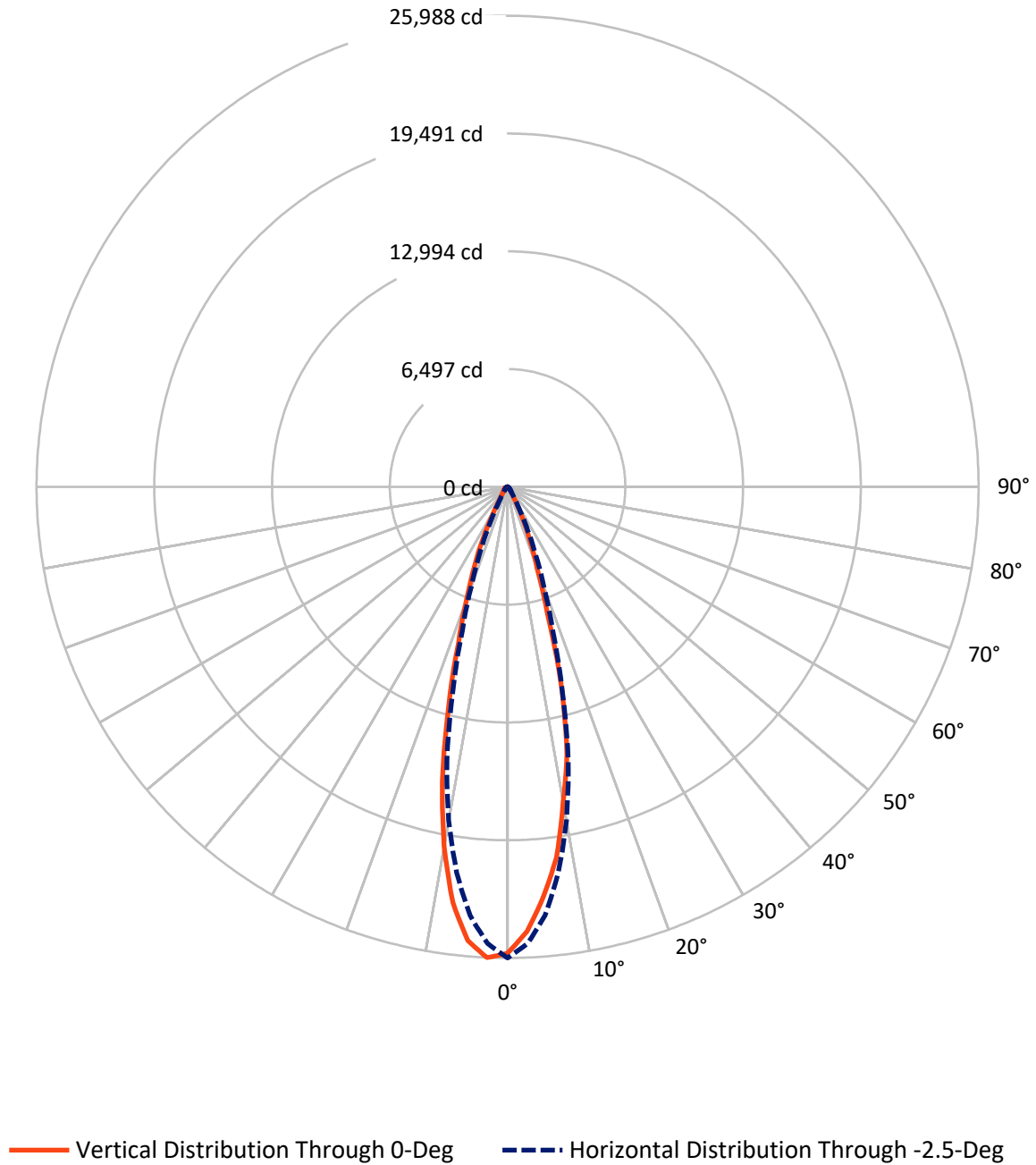
CATALOG NUMBER: GFLD-SA1E-740-U-MR-VSR-XX

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	1.2	1.4	1.4	1.2	0.8	0.5	0.2	0.0		0.0			
40	0.0	0.0	0.2	0.8	1.5	2.4	3.3	3.9	3.9	3.3	2.4	1.5	0.8	0.2	0.0				
30		0.1	0.6	1.6	2.9	4.8	8.0	10.6	10.6	8.0	4.8	2.9	1.6	0.6	0.1				
20	0.1	0.2	1.0	2.4	4.6	11.1	35.0	64.2	64.2	35.0	11.1	4.6	2.4	1.0	0.2				
10		0.4	1.4	3.3	7.8	38.4	156.1	305.6	305.6	156.1	38.4	7.8	3.3	1.4	0.4				
0	0.1	0.5	1.7	3.9	11.2	73.2	315.2	617.8	617.8	315.2	73.2	11.2	3.9	1.7	0.5				
-10		0.5	1.8	4.1	12.0	76.7	323.4	655.1	655.1	323.4	76.7	12.0	4.1	1.8	0.5				
-20	0.1	0.6	1.8	4.0	9.9	47.1	178.8	346.7	346.7	178.8	47.1	9.9	4.0	1.8	0.6				
-30		0.6	1.8	3.7	7.2	18.3	55.4	98.8	98.8	55.4	18.3	7.2	3.7	1.8	0.6				
-40	0.1	0.5	1.6	3.2	5.5	9.0	14.7	19.7	19.7	14.7	9.0	5.5	3.2	1.6	0.5				
-50		0.4	1.3	2.6	4.3	6.2	8.2	9.2	9.2	8.2	6.2	4.3	2.6	1.3	0.4				
-60	0.1	0.3	1.0	2.1	3.4	4.7	5.9	6.4	6.4	5.9	4.7	3.4	2.1	1.0	0.3				
-70		0.2	0.6	1.3	2.3	3.2	4.0	4.5	4.5	4.0	3.2	2.3	1.3	0.6	0.2				
-80	0.0	0.5	2.2	4.7	5.9	4.7	2.2	0.5	0.0										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

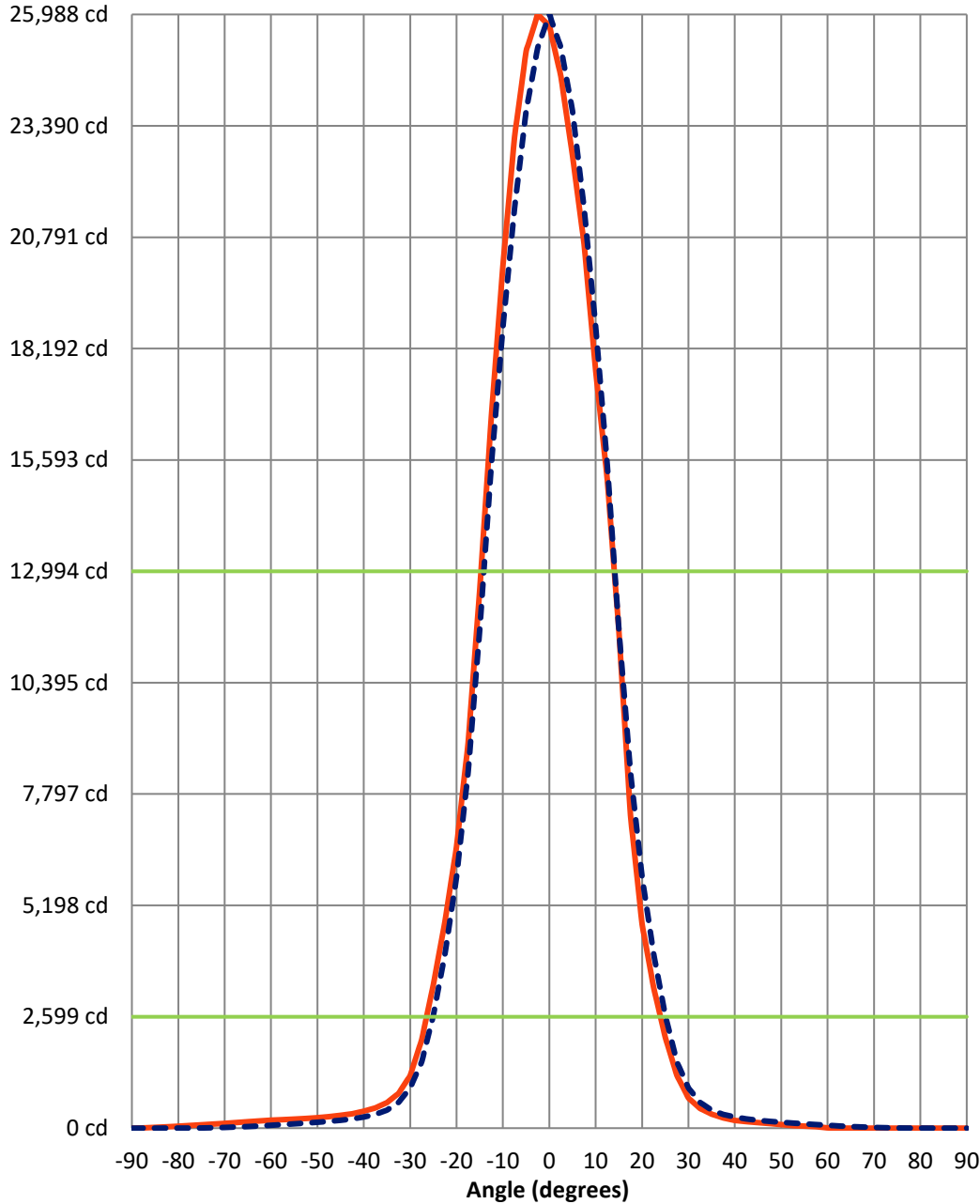
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 3685.5
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 6333
 Efficiency: 85.9%

Spill:
 Lumens: 1037.9
 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	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	2	1	1
47.5°	0	0	0	0	0	0	1	1	2	1	1
45°	0	0	0	0	0	1	1	1	2	1	2
42.5°	0	0	0	0	0	1	1	2	2	2	3
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	2	2	2	4	7
32.5°	0	0	0	0	1	1	2	2	3	5	9
30°	0	0	0	0	1	1	2	2	4	7	11
27.5°	0	0	0	0	1	2	2	2	5	8	13
25°	0	0	0	0	1	2	2	3	6	10	15
22.5°	0	0	0	0	1	2	2	3	7	12	18
20°	0	0	0	0	1	2	2	4	8	14	21
17.5°	0	0	0	0	1	2	2	5	9	15	24
15°	0	0	0	0	1	2	2	5	10	17	26
12.5°	0	0	0	0	1	2	2	6	11	19	28
10°	0	0	0	0	2	2	2	7	12	21	30
7.5°	0	0	0	0	2	2	3	8	13	22	32
5°	0	0	0	0	2	2	3	9	13	24	33
2.5°	0	0	0	0	2	2	3	9	14	25	35
0°	0	0	0	0	2	2	3	10	15	26	36
-2.5°	0	0	0	0	2	2	4	10	16	27	37
-5°	0	0	0	0	2	2	5	10	17	28	38
-7.5°	0	0	0	0	2	2	5	10	19	28	39
-10°	0	0	0	0	2	2	6	10	19	29	39
-12.5°	0	0	0	0	2	2	6	10	20	29	40
-15°	0	0	0	1	1	3	6	11	20	30	41
-17.5°	0	0	0	1	1	3	6	11	20	30	41
-20°	0	0	0	1	1	3	7	11	20	30	41

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REPORT NUMBER: P626804 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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	3	7	12	19	30	40
-25°	0	0	0	1	2	3	7	12	19	29	39
-27.5°	0	0	0	1	2	3	7	12	18	28	38
-30°	0	0	0	1	2	3	7	12	18	27	37
-32.5°	0	0	0	1	2	3	7	12	18	26	36
-35°	0	0	0	1	2	3	7	12	18	25	34
-37.5°	0	0	0	1	2	3	7	12	17	24	33
-40°	0	0	0	0	2	3	7	11	17	23	32
-42.5°	0	0	0	0	2	4	6	11	16	23	31
-45°	0	0	0	0	2	4	6	10	15	22	29
-47.5°	0	0	0	0	2	4	6	10	15	20	28
-50°	0	0	0	0	2	3	6	9	14	19	26
-52.5°	0	0	0	0	2	3	5	9	13	18	24
-55°	0	0	0	0	2	3	5	8	12	17	22
-57.5°	0	0	0	0	1	3	5	7	11	15	20
-60°	0	0	0	0	1	3	4	7	10	14	18
-62.5°	0	0	0	0	1	2	4	6	9	12	16
-65°	0	0	0	0	1	2	4	5	8	11	14
-67.5°	0	0	0	0	1	2	3	5	7	9	12
-70°	0	0	0	0	1	2	3	4	6	8	11
-72.5°	0	0	0	0	1	2	3	4	5	7	9
-75°	0	0	0	0	1	1	2	3	4	5	7
-77.5°	0	0	0	0	1	1	2	3	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	1	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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CATALOG NUMBER: GFLD-SA1E-740-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	2	3
57.5°	0	0	1	1	1	2	3	3	5	7	9
55°	0	1	1	1	2	4	5	8	11	14	17
52.5°	1	2	1	3	5	7	10	14	19	22	25
50°	1	2	2	5	8	12	17	22	26	29	34
47.5°	2	2	5	8	13	18	25	29	33	39	46
45°	3	5	8	12	18	26	32	36	42	49	56
42.5°	4	7	12	16	25	33	38	44	51	59	66
40°	6	10	16	23	32	39	46	53	60	69	77
37.5°	8	14	20	29	38	46	54	62	71	80	90
35°	10	17	25	35	44	54	63	72	83	93	104
32.5°	13	21	30	40	51	61	71	83	94	105	118
30°	17	25	35	46	56	68	80	93	104	117	131
27.5°	20	29	40	51	62	74	89	102	114	128	144
25°	24	33	44	55	67	81	98	111	124	139	157
22.5°	27	37	49	60	73	89	106	121	135	150	171
20°	30	41	54	65	78	96	114	130	147	167	190
17.5°	34	45	58	71	86	103	122	140	159	183	212
15°	36	49	63	77	92	110	130	150	172	200	233
12.5°	39	52	67	82	98	117	137	158	184	217	258
10°	42	55	71	86	103	123	143	165	193	228	277
7.5°	44	58	75	91	108	128	148	171	200	238	292
5°	46	61	78	94	111	132	152	176	206	245	304
2.5°	48	63	80	96	114	134	155	179	210	253	313
0°	49	65	82	98	116	136	157	182	213	258	319
-2.5°	51	68	84	100	118	138	159	184	216	260	321
-5°	52	69	85	102	120	139	160	184	217	261	321
-7.5°	53	70	86	103	121	140	161	185	218	260	321
-10°	53	71	87	104	122	140	161	185	217	257	316
-12.5°	54	71	88	104	123	141	160	183	213	252	306
-15°	55	71	88	104	122	141	159	181	209	246	292
-17.5°	55	71	87	103	121	140	157	178	204	239	283
-20°	55	71	86	102	120	138	155	176	200	231	271

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REPORT NUMBER: P626804 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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°	55	70	85	100	118	136	153	172	195	221	256
-25°	54	69	84	99	115	132	150	167	189	214	244
-27.5°	53	68	83	97	112	129	146	163	183	206	232
-30°	51	66	81	95	110	125	141	158	176	197	221
-32.5°	48	64	78	92	107	122	136	153	170	188	209
-35°	46	61	75	89	104	118	131	146	163	180	198
-37.5°	45	58	72	85	99	113	126	140	155	171	188
-40°	43	55	69	81	94	108	121	133	147	163	179
-42.5°	41	53	65	78	90	102	116	127	140	155	170
-45°	39	50	62	74	86	97	109	122	134	147	161
-47.5°	37	47	58	69	81	93	103	115	128	140	153
-50°	35	45	55	65	76	87	98	109	120	132	145
-52.5°	32	41	51	60	70	81	92	103	113	123	135
-55°	29	37	46	55	64	74	85	96	106	116	126
-57.5°	26	33	42	50	59	67	77	88	98	107	117
-60°	23	29	37	45	53	61	70	79	89	98	107
-62.5°	21	26	32	39	47	55	63	71	80	88	96
-65°	18	23	28	34	40	47	55	63	71	77	83
-67.5°	16	19	24	29	34	40	46	53	60	66	72
-70°	13	16	20	24	28	33	38	44	49	55	60
-72.5°	11	14	16	19	23	27	31	36	40	45	49
-75°	9	11	13	15	18	22	25	29	33	36	40
-77.5°	7	9	10	12	14	17	20	23	26	29	32
-80°	5	6	8	9	11	13	14	16	19	21	23
-82.5°	3	4	6	7	8	9	10	11	12	14	16
-85°	2	2	3	4	4	5	5	6	7	8	9
-87.5°	1	1	2	2	2	2	2	2	3	3	4
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626804 (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	1	1	2	2	2	2	2	2	2	2
60°	4	4	6	8	7	6	8	9	9	8	7
57.5°	11	14	17	17	19	23	24	23	24	25	28
55°	20	22	24	27	31	34	36	38	40	42	44
52.5°	27	31	34	37	42	44	45	50	54	57	59
50°	39	43	47	52	56	60	63	68	73	79	82
47.5°	51	56	62	68	73	77	81	87	95	101	105
45°	62	68	75	82	87	92	99	106	114	120	126
42.5°	73	79	87	94	99	107	116	123	133	141	148
40°	84	91	102	109	115	124	137	149	160	170	177
37.5°	99	109	121	130	139	149	167	185	199	213	223
35°	115	128	143	153	166	186	208	232	257	276	294
32.5°	131	146	160	176	196	225	253	292	328	365	400
30°	146	162	180	200	232	272	318	377	442	507	580
27.5°	161	179	200	233	281	335	420	513	647	755	929
25°	177	197	226	278	346	441	588	756	1033	1269	1536
22.5°	197	228	269	334	447	618	847	1212	1637	2033	2410
20°	222	264	333	438	599	862	1296	1850	2442	3020	3579
17.5°	254	321	420	569	797	1350	1996	2788	3801	4562	5284
15°	284	368	519	759	1188	1900	2803	4015	5379	6526	7824
12.5°	319	421	602	913	1527	2468	3620	5065	6680	8420	10453
10°	350	475	708	1136	1881	2976	4267	5963	8037	10500	13068
7.5°	374	520	796	1304	2179	3393	4932	6996	9622	12501	15430
5°	392	554	866	1435	2433	3731	5418	7813	10806	14110	17023
2.5°	406	579	912	1515	2604	3962	5750	8247	11530	15161	18220
0°	417	594	938	1572	2684	4071	5904	8422	11870	15676	18821
-2.5°	421	602	939	1553	2635	4065	5868	8315	11636	15472	18694
-5°	423	598	915	1511	2549	3919	5633	7906	10920	14519	17784
-7.5°	419	582	867	1410	2357	3661	5305	7300	9771	12943	16318
-10°	408	554	802	1273	2091	3260	4794	6480	8454	11044	13778
-12.5°	388	512	713	1067	1779	2805	4164	5654	7192	8894	11144
-15°	363	469	639	942	1489	2328	3428	4687	5963	7267	8639
-17.5°	345	432	564	776	1143	1821	2701	3713	4748	5783	6707
-20°	321	388	491	655	923	1324	1985	2772	3546	4390	5099

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626804 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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°	300	357	434	538	717	1000	1377	1931	2519	3132	3713
-25°	280	323	384	468	575	743	992	1282	1694	2071	2503
-27.5°	263	299	341	403	484	576	729	898	1114	1294	1582
-30°	247	276	310	350	409	480	562	664	770	876	1014
-32.5°	232	256	283	315	352	405	456	521	579	643	709
-35°	217	239	261	286	315	349	388	431	470	508	543
-37.5°	205	223	242	262	285	309	339	369	395	420	442
-40°	194	209	225	241	260	279	303	325	343	359	372
-42.5°	184	197	210	224	239	257	275	292	304	316	325
-45°	175	186	198	209	222	237	253	266	276	284	291
-47.5°	165	175	185	196	208	220	233	243	251	259	263
-50°	155	165	175	183	194	205	216	224	232	238	241
-52.5°	145	155	165	174	182	191	199	208	215	222	224
-55°	136	146	154	163	171	179	187	194	201	207	209
-57.5°	127	137	146	153	160	167	175	181	188	194	196
-60°	117	126	134	141	148	155	161	168	174	179	182
-62.5°	104	113	120	127	133	139	145	151	156	161	164
-65°	90	97	104	111	117	122	127	133	137	141	143
-67.5°	77	83	89	94	100	106	110	115	119	122	124
-70°	65	70	75	81	86	90	95	99	103	105	107
-72.5°	54	58	63	68	72	76	80	84	87	89	91
-75°	44	48	52	56	60	63	66	69	72	74	75
-77.5°	35	38	41	44	47	49	52	54	56	58	59
-80°	26	28	30	33	35	37	38	40	42	44	45
-82.5°	17	19	21	23	24	26	27	27	28	29	31
-85°	10	11	12	13	15	15	16	17	17	18	18
-87.5°	4	4	5	5	6	6	6	6	6	7	7
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626804 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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	2	2	2	2	2	2	2	2	2
60°	7	7	6	7	6	7	7	7	8	9	9
57.5°	31	33	34	34	34	33	31	28	25	24	23
55°	46	48	48	48	48	48	46	44	42	40	38
52.5°	60	60	60	59	60	60	60	59	57	54	50
50°	83	83	83	83	83	83	83	82	79	73	68
47.5°	107	108	109	108	109	108	107	105	101	95	87
45°	128	129	130	129	130	129	128	126	120	114	106
42.5°	150	151	152	152	152	151	150	148	141	133	123
40°	180	181	180	180	180	181	180	177	170	160	149
37.5°	230	233	235	239	235	233	230	223	213	199	185
35°	307	316	320	327	320	316	307	294	276	257	232
32.5°	425	442	451	460	451	442	425	400	365	328	292
30°	631	665	679	704	679	665	631	580	507	442	377
27.5°	1056	1136	1168	1234	1168	1136	1056	929	755	647	513
25°	1779	1952	2047	2122	2047	1952	1779	1536	1269	1033	756
22.5°	2790	3043	3178	3278	3178	3043	2790	2410	2033	1637	1212
20°	4086	4420	4619	4763	4619	4420	4086	3579	3020	2442	1850
17.5°	6210	6735	7041	7305	7041	6735	6210	5284	4562	3801	2788
15°	9271	10325	11144	11600	11144	10325	9271	7824	6526	5379	4015
12.5°	12249	13792	14709	15131	14709	13792	12249	10453	8420	6680	5065
10°	15194	16649	17522	17676	17522	16649	15194	13068	10500	8037	5963
7.5°	17448	19049	20208	20629	20208	19049	17448	15430	12501	9622	6996
5°	19439	21314	22541	22696	22541	21314	19439	17023	14110	10806	7813
2.5°	20904	22942	24131	24540	24131	22942	20904	18220	15161	11530	8247
0°	21613	23807	25131	25727	25131	23807	21613	18821	15676	11870	8422
-2.5°	21464	23733	25211	25988	25211	23733	21464	18694	15472	11636	8315
-5°	20648	22924	24302	25128	24302	22924	20648	17784	14519	10920	7906
-7.5°	18766	20894	22361	23123	22361	20894	18766	16318	12943	9771	7300
-10°	16341	18142	19479	20129	19479	18142	16341	13778	11044	8454	6480
-12.5°	13189	14937	16143	16602	16143	14937	13189	11144	8894	7192	5654
-15°	10105	11439	12296	12567	12296	11439	10105	8639	7267	5963	4687
-17.5°	7664	8382	8863	8993	8863	8382	7664	6707	5783	4748	3713
-20°	5741	6186	6499	6573	6499	6186	5741	5099	4390	3546	2772

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Scaled Data Report



REPORT NUMBER: P626804 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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°	4183	4518	4770	4821	4770	4518	4183	3713	3132	2519	1931
-25°	2886	3165	3337	3350	3337	3165	2886	2503	2071	1694	1282
-27.5°	1809	1963	2042	2070	2042	1963	1809	1582	1294	1114	898
-30°	1118	1189	1226	1227	1226	1189	1118	1014	876	770	664
-32.5°	759	793	812	812	812	793	759	709	643	579	521
-35°	568	586	596	597	596	586	568	543	508	470	431
-37.5°	457	467	472	473	472	467	457	442	420	395	369
-40°	382	389	393	396	393	389	382	372	359	343	325
-42.5°	331	335	337	336	337	335	331	325	316	304	292
-45°	294	297	299	300	299	297	294	291	284	276	266
-47.5°	266	267	268	268	268	267	266	263	259	251	243
-50°	243	244	245	244	245	244	243	241	238	232	224
-52.5°	225	225	226	226	226	225	225	224	222	215	208
-55°	210	211	211	211	211	211	210	209	207	201	194
-57.5°	197	199	199	198	199	199	197	196	194	188	181
-60°	184	185	186	187	186	185	184	182	179	174	168
-62.5°	166	167	168	169	168	167	166	164	161	156	151
-65°	145	146	149	150	149	146	145	143	141	137	133
-67.5°	126	127	129	131	129	127	126	124	122	119	115
-70°	109	111	111	111	111	111	109	107	105	103	99
-72.5°	93	94	95	95	95	94	93	91	89	87	84
-75°	77	78	78	79	78	78	77	75	74	72	69
-77.5°	61	62	62	62	62	62	61	59	58	56	54
-80°	46	47	47	46	47	47	46	45	44	42	40
-82.5°	32	33	32	31	32	33	32	31	29	28	27
-85°	19	20	19	18	19	20	19	18	18	17	17
-87.5°	8	8	7	7	7	8	8	7	7	6	6
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626804 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-740-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°	8	6	7	8	6	4	4	3	2	1	1
57.5°	24	23	19	17	17	14	11	9	7	5	3
55°	36	34	31	27	24	22	20	17	14	11	8
52.5°	45	44	42	37	34	31	27	25	22	19	14
50°	63	60	56	52	47	43	39	34	29	26	22
47.5°	81	77	73	68	62	56	51	46	39	33	29
45°	99	92	87	82	75	68	62	56	49	42	36
42.5°	116	107	99	94	87	79	73	66	59	51	44
40°	137	124	115	109	102	91	84	77	69	60	53
37.5°	167	149	139	130	121	109	99	90	80	71	62
35°	208	186	166	153	143	128	115	104	93	83	72
32.5°	253	225	196	176	160	146	131	118	105	94	83
30°	318	272	232	200	180	162	146	131	117	104	93
27.5°	420	335	281	233	200	179	161	144	128	114	102
25°	588	441	346	278	226	197	177	157	139	124	111
22.5°	847	618	447	334	269	228	197	171	150	135	121
20°	1296	862	599	438	333	264	222	190	167	147	130
17.5°	1996	1350	797	569	420	321	254	212	183	159	140
15°	2803	1900	1188	759	519	368	284	233	200	172	150
12.5°	3620	2468	1527	913	602	421	319	258	217	184	158
10°	4267	2976	1881	1136	708	475	350	277	228	193	165
7.5°	4932	3393	2179	1304	796	520	374	292	238	200	171
5°	5418	3731	2433	1435	866	554	392	304	245	206	176
2.5°	5750	3962	2604	1515	912	579	406	313	253	210	179
0°	5904	4071	2684	1572	938	594	417	319	258	213	182
-2.5°	5868	4065	2635	1553	939	602	421	321	260	216	184
-5°	5633	3919	2549	1511	915	598	423	321	261	217	184
-7.5°	5305	3661	2357	1410	867	582	419	321	260	218	185
-10°	4794	3260	2091	1273	802	554	408	316	257	217	185
-12.5°	4164	2805	1779	1067	713	512	388	306	252	213	183
-15°	3428	2328	1489	942	639	469	363	292	246	209	181
-17.5°	2701	1821	1143	776	564	432	345	283	239	204	178
-20°	1985	1324	923	655	491	388	321	271	231	200	176

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REPORT NUMBER: P626804 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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°	1377	1000	717	538	434	357	300	256	221	195	172
-25°	992	743	575	468	384	323	280	244	214	189	167
-27.5°	729	576	484	403	341	299	263	232	206	183	163
-30°	562	480	409	350	310	276	247	221	197	176	158
-32.5°	456	405	352	315	283	256	232	209	188	170	153
-35°	388	349	315	286	261	239	217	198	180	163	146
-37.5°	339	309	285	262	242	223	205	188	171	155	140
-40°	303	279	260	241	225	209	194	179	163	147	133
-42.5°	275	257	239	224	210	197	184	170	155	140	127
-45°	253	237	222	209	198	186	175	161	147	134	122
-47.5°	233	220	208	196	185	175	165	153	140	128	115
-50°	216	205	194	183	175	165	155	145	132	120	109
-52.5°	199	191	182	174	165	155	145	135	123	113	103
-55°	187	179	171	163	154	146	136	126	116	106	96
-57.5°	175	167	160	153	146	137	127	117	107	98	88
-60°	161	155	148	141	134	126	117	107	98	89	79
-62.5°	145	139	133	127	120	113	104	96	88	80	71
-65°	127	122	117	111	104	97	90	83	77	71	63
-67.5°	110	106	100	94	89	83	77	72	66	60	53
-70°	95	90	86	81	75	70	65	60	55	49	44
-72.5°	80	76	72	68	63	58	54	49	45	40	36
-75°	66	63	60	56	52	48	44	40	36	33	29
-77.5°	52	49	47	44	41	38	35	32	29	26	23
-80°	38	37	35	33	30	28	26	23	21	19	16
-82.5°	27	26	24	23	21	19	17	16	14	12	11
-85°	16	15	15	13	12	11	10	9	8	7	6
-87.5°	6	6	6	5	5	4	4	4	3	3	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626804 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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°	3	2	1	1	1	0	0	1	1	0	0
55°	5	4	2	1	1	1	0	1	1	1	0
52.5°	10	7	5	3	1	2	1	1	1	1	0
50°	17	12	8	5	2	2	1	1	1	2	1
47.5°	25	18	13	8	5	2	2	1	1	2	1
45°	32	26	18	12	8	5	3	2	1	2	1
42.5°	38	33	25	16	12	7	4	3	2	2	2
40°	46	39	32	23	16	10	6	4	2	2	2
37.5°	54	46	38	29	20	14	8	5	2	2	2
35°	63	54	44	35	25	17	10	7	4	2	2
32.5°	71	61	51	40	30	21	13	9	5	3	2
30°	80	68	56	46	35	25	17	11	7	4	2
27.5°	89	74	62	51	40	29	20	13	8	5	2
25°	98	81	67	55	44	33	24	15	10	6	3
22.5°	106	89	73	60	49	37	27	18	12	7	3
20°	114	96	78	65	54	41	30	21	14	8	4
17.5°	122	103	86	71	58	45	34	24	15	9	5
15°	130	110	92	77	63	49	36	26	17	10	5
12.5°	137	117	98	82	67	52	39	28	19	11	6
10°	143	123	103	86	71	55	42	30	21	12	7
7.5°	148	128	108	91	75	58	44	32	22	13	8
5°	152	132	111	94	78	61	46	33	24	13	9
2.5°	155	134	114	96	80	63	48	35	25	14	9
0°	157	136	116	98	82	65	49	36	26	15	10
-2.5°	159	138	118	100	84	68	51	37	27	16	10
-5°	160	139	120	102	85	69	52	38	28	17	10
-7.5°	161	140	121	103	86	70	53	39	28	19	10
-10°	161	140	122	104	87	71	53	39	29	19	10
-12.5°	160	141	123	104	88	71	54	40	29	20	10
-15°	159	141	122	104	88	71	55	41	30	20	11
-17.5°	157	140	121	103	87	71	55	41	30	20	11
-20°	155	138	120	102	86	71	55	41	30	20	11

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REPORT NUMBER: P626804 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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°	153	136	118	100	85	70	55	40	30	19	12
-25°	150	132	115	99	84	69	54	39	29	19	12
-27.5°	146	129	112	97	83	68	53	38	28	18	12
-30°	141	125	110	95	81	66	51	37	27	18	12
-32.5°	136	122	107	92	78	64	48	36	26	18	12
-35°	131	118	104	89	75	61	46	34	25	18	12
-37.5°	126	113	99	85	72	58	45	33	24	17	12
-40°	121	108	94	81	69	55	43	32	23	17	11
-42.5°	116	102	90	78	65	53	41	31	23	16	11
-45°	109	97	86	74	62	50	39	29	22	15	10
-47.5°	103	93	81	69	58	47	37	28	20	15	10
-50°	98	87	76	65	55	45	35	26	19	14	9
-52.5°	92	81	70	60	51	41	32	24	18	13	9
-55°	85	74	64	55	46	37	29	22	17	12	8
-57.5°	77	67	59	50	42	33	26	20	15	11	7
-60°	70	61	53	45	37	29	23	18	14	10	7
-62.5°	63	55	47	39	32	26	21	16	12	9	6
-65°	55	47	40	34	28	23	18	14	11	8	5
-67.5°	46	40	34	29	24	19	16	12	9	7	5
-70°	38	33	28	24	20	16	13	11	8	6	4
-72.5°	31	27	23	19	16	14	11	9	7	5	4
-75°	25	22	18	15	13	11	9	7	5	4	3
-77.5°	20	17	14	12	10	9	7	5	4	3	3
-80°	14	13	11	9	8	6	5	4	3	2	2
-82.5°	10	9	8	7	6	4	3	2	2	2	1
-85°	5	5	4	4	3	2	2	1	1	1	1
-87.5°	2	2	2	2	2	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: P626804 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-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	1	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°	2	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	2	1	0	0	0	0
25°	2	2	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	2	0	0	0	0
7.5°	3	2	2	0	0	0	0
5°	3	2	2	0	0	0	0
2.5°	3	2	2	0	0	0	0
0°	3	2	2	0	0	0	0
-2.5°	4	2	2	0	0	0	0
-5°	5	2	2	0	0	0	0
-7.5°	5	2	2	0	0	0	0
-10°	6	2	2	0	0	0	0
-12.5°	6	2	2	0	0	0	0
-15°	6	3	1	1	0	0	0
-17.5°	6	3	1	1	0	0	0
-20°	7	3	1	1	0	0	0

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REPORT NUMBER: P626804 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-740-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	7	3	1	1	0	0	0
-25°	7	3	2	1	0	0	0
-27.5°	7	3	2	1	0	0	0
-30°	7	3	2	1	0	0	0
-32.5°	7	3	2	1	0	0	0
-35°	7	3	2	1	0	0	0
-37.5°	7	3	2	1	0	0	0
-40°	7	3	2	0	0	0	0
-42.5°	6	4	2	0	0	0	0
-45°	6	4	2	0	0	0	0
-47.5°	6	4	2	0	0	0	0
-50°	6	3	2	0	0	0	0
-52.5°	5	3	2	0	0	0	0
-55°	5	3	2	0	0	0	0
-57.5°	5	3	1	0	0	0	0
-60°	4	3	1	0	0	0	0
-62.5°	4	2	1	0	0	0	0
-65°	4	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	1	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)