

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: P626744 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-740-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626744 (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-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: 6714.3 lumens
Efficiency: N/A
Efficacy: 117.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 23673.4 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 3357.2 lumens
Beam Efficiency: 50.0%

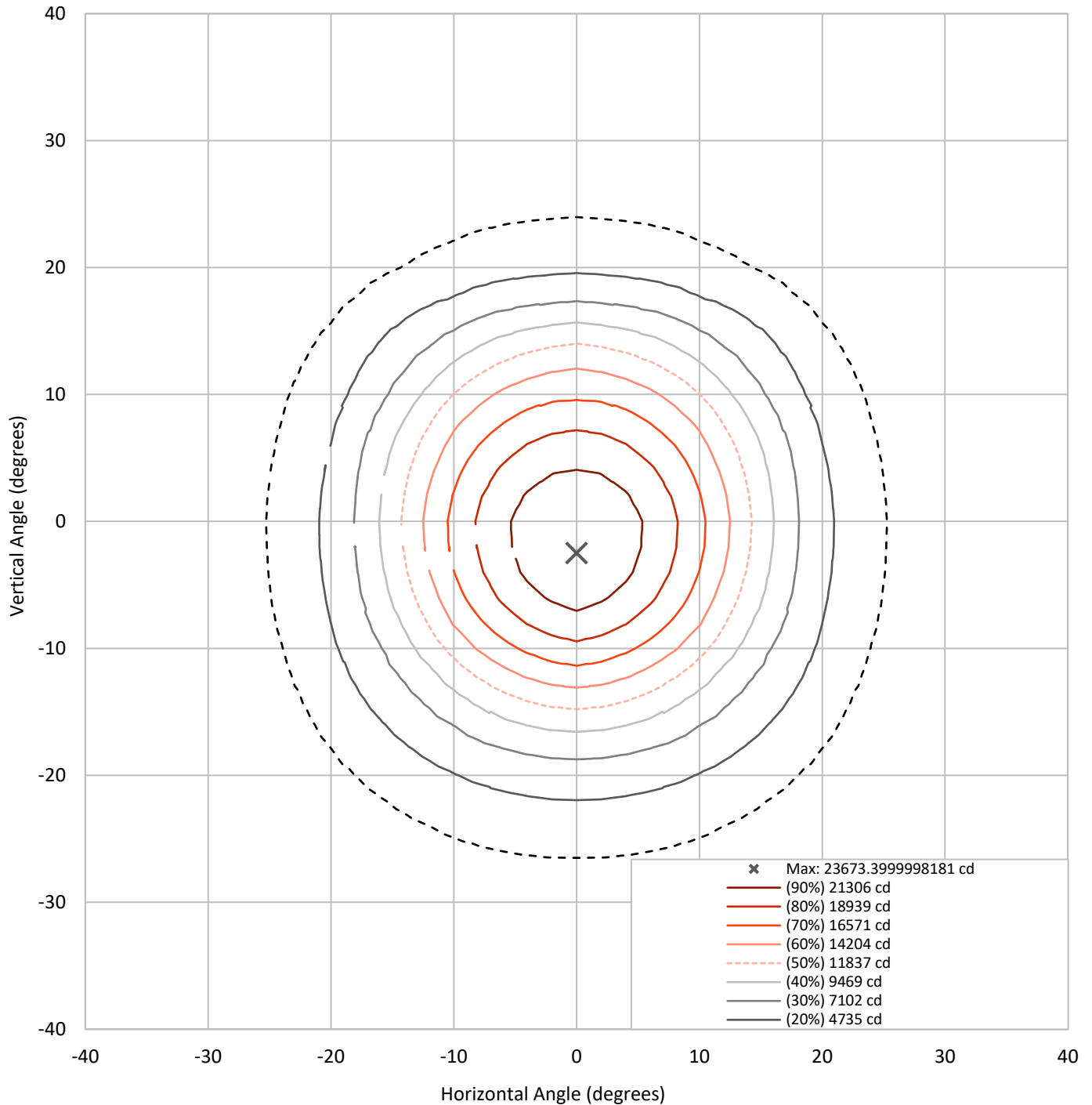
Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 5768.8 lumens
Field Efficiency: 85.9%

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: P626744 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-740-U-MR-VSR-XX

Iso-Candela Plot





REPORT NUMBER: P626744 (CONVERTED FROM TYPE C PHOTOMETRY)

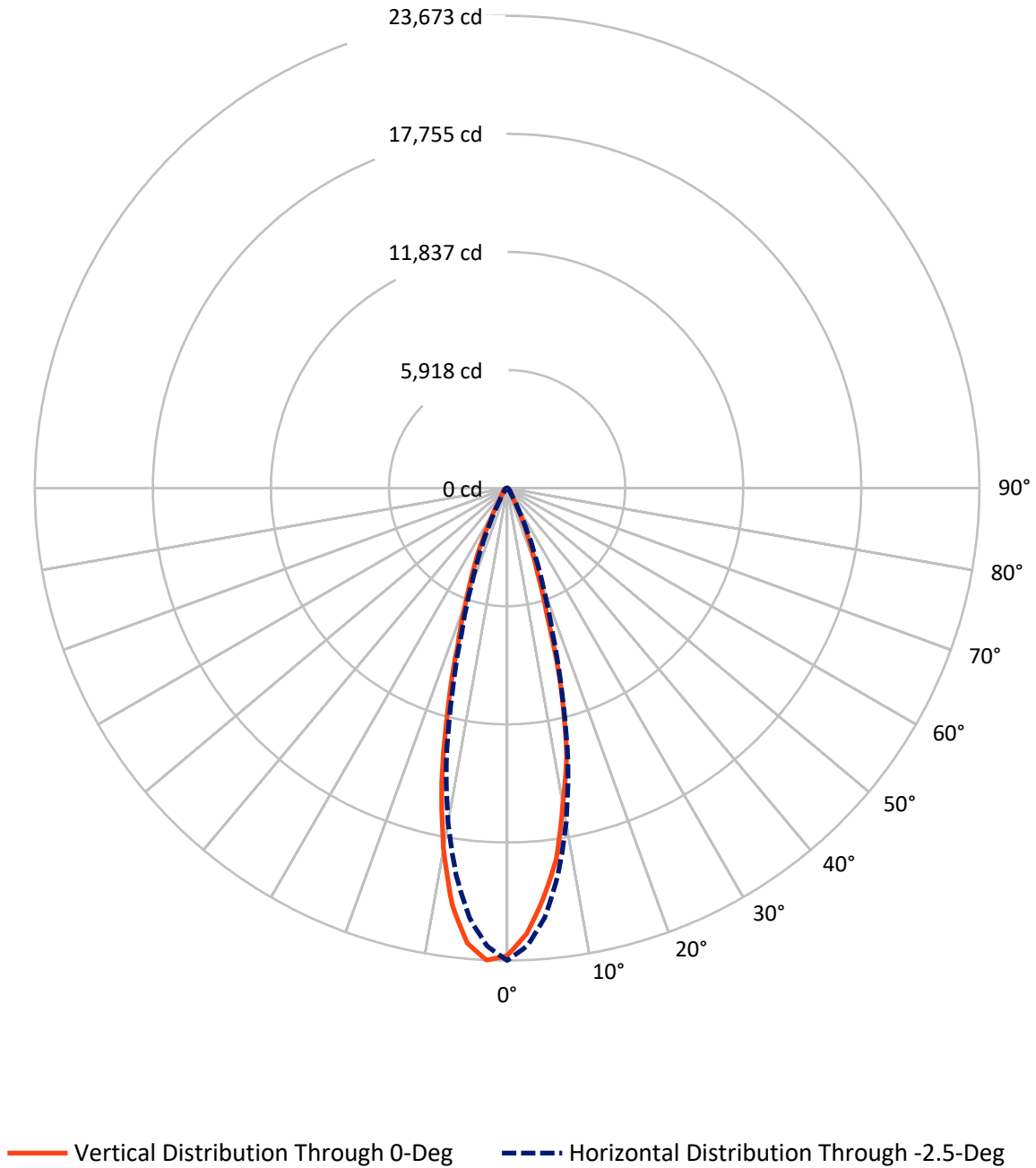
CATALOG NUMBER: GFLD-SA1D-740-U-MR-VSR-XX

Lumen Table

90																			
80	0.0	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0			
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	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	3.1	3.6	3.6	3.1	2.2	1.4	0.7	0.2	0.0	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	0.0			
10		0.3	1.3	3.0	7.1	35.0	142.2	278.4	278.4	142.2	35.0	7.1	3.0	1.3	0.3				
0	0.1	0.4	1.5	3.6	10.2	66.7	287.1	562.8	562.8	287.1	66.7	10.2	3.6	1.5	0.4	0.1			
-10		0.5	1.6	3.7	10.9	69.8	294.6	596.7	596.7	294.6	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	315.8	315.8	162.9	42.9	9.0	3.7	1.7	0.5	0.1			
-30		0.5	1.6	3.3	6.6	16.7	50.4	90.0	90.0	50.4	16.7	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	0.1			
-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	5.9	5.9	5.4	4.3	3.1	1.9	0.9	0.3	0.1			
-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

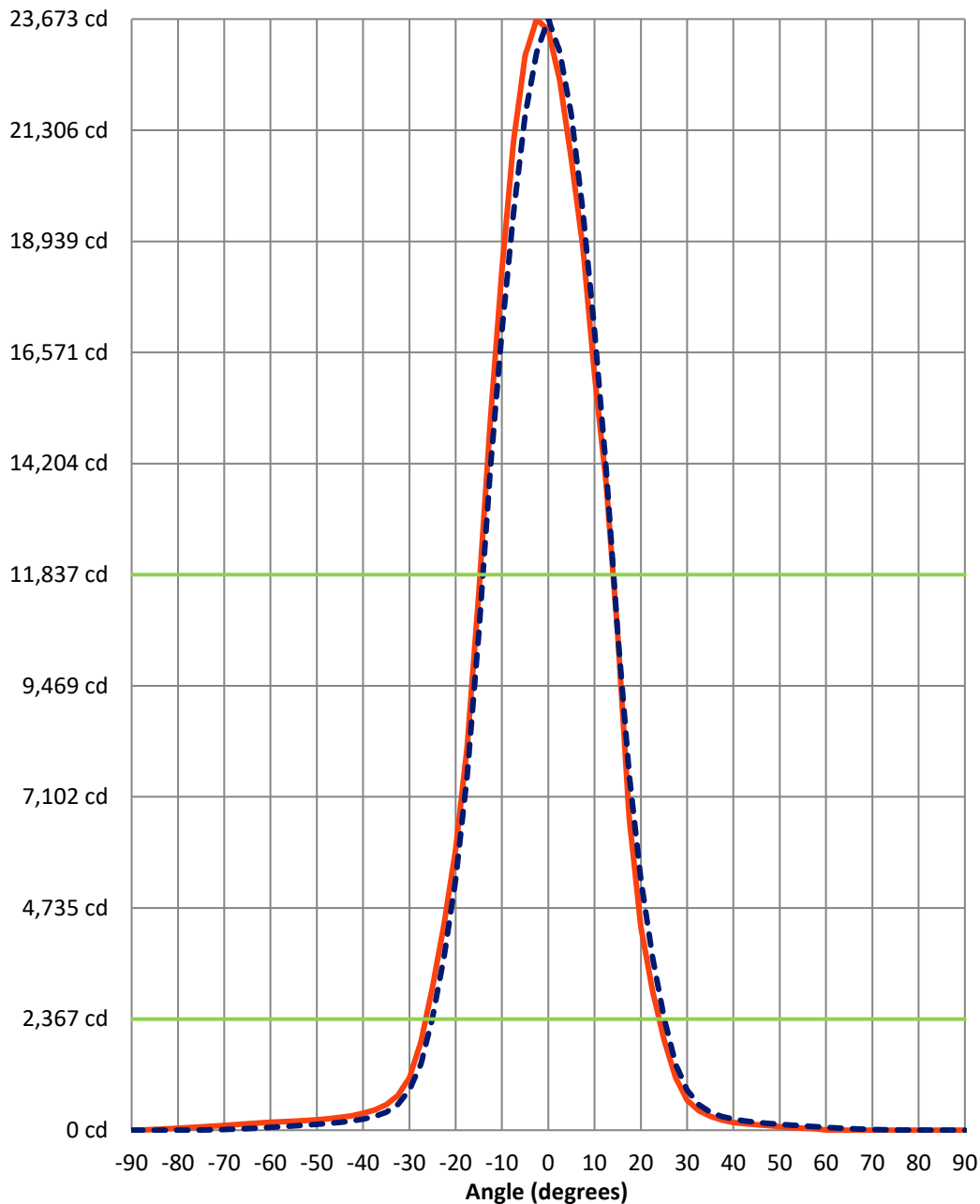
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 3357.2
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 5768.8
 Efficiency: 85.9%

Spill:
 Lumens: 945.5
 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: P626744 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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	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: P626744 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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	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	50	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	167	193
15°	33	45	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	176	208	252
7.5°	40	53	68	83	98	116	135	156	182	217	266
5°	42	55	71	85	101	120	139	161	188	224	277
2.5°	43	58	73	88	104	122	141	164	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-SA1D-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°	50	64	78	91	107	123	139	157	177	201	233
-25°	49	63	77	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	56	68	81	94	107	120	133	148	164	180
-37.5°	41	53	66	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-SA1D-740-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°	47	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	113	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	299	332	364
30°	133	147	164	182	212	248	289	344	403	461	528
27.5°	147	163	182	212	256	305	382	468	590	688	846
25°	162	180	206	254	315	401	536	688	941	1156	1399
22.5°	180	208	245	305	407	563	771	1104	1492	1852	2195
20°	202	240	304	399	545	785	1181	1685	2224	2751	3260
17.5°	232	292	383	518	726	1230	1819	2539	3462	4156	4813
15°	259	335	472	691	1082	1731	2554	3658	4900	5945	7127
12.5°	291	383	548	832	1391	2248	3297	4614	6085	7670	9521
10°	319	432	645	1035	1714	2711	3887	5432	7321	9565	11904
7.5°	340	473	726	1188	1985	3090	4493	6373	8765	11387	14055
5°	357	505	789	1307	2216	3398	4935	7117	9843	12854	15507
2.5°	370	527	831	1380	2372	3609	5238	7512	10503	13811	16597
0°	380	541	854	1432	2445	3709	5378	7672	10813	14280	17145
-2.5°	384	548	855	1414	2400	3702	5345	7574	10599	14094	17028
-5°	385	545	834	1377	2322	3570	5131	7202	9948	13225	16199
-7.5°	382	530	790	1285	2147	3335	4832	6650	8901	11790	14864
-10°	372	505	731	1159	1905	2969	4367	5903	7701	10060	12551
-12.5°	353	467	649	972	1620	2555	3793	5151	6552	8102	10151
-15°	331	428	582	858	1357	2120	3123	4269	5432	6619	7869
-17.5°	314	394	514	707	1042	1659	2461	3382	4325	5268	6110
-20°	292	353	447	597	840	1206	1809	2525	3230	3999	4644

Classified

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

Scaled Data Report



REPORT NUMBER: P626744 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	273	325	395	490	653	911	1254	1759	2295	2853	3383
-25°	255	294	350	426	524	677	904	1167	1543	1887	2280
-27.5°	240	273	311	367	441	525	664	818	1015	1179	1441
-30°	225	251	283	319	373	437	512	605	701	798	924
-32.5°	212	233	258	287	321	369	415	475	528	586	646
-35°	198	218	238	261	287	318	353	393	428	463	494
-37.5°	186	203	220	239	259	281	309	337	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	288	296
-45°	159	169	180	191	202	216	230	243	251	259	265
-47.5°	150	159	169	179	189	201	212	221	229	236	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	189	190
-57.5°	116	125	133	139	146	152	159	165	171	176	178
-60°	106	115	122	129	135	141	147	153	158	163	166
-62.5°	95	103	110	116	121	127	132	137	143	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	82	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: P626744 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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	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°	98	99	99	98	99	99	98	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	113
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	411	419	411	402	387	364	332	299	266
30°	575	606	618	641	618	606	575	528	461	403	344
27.5°	962	1035	1064	1124	1064	1035	962	846	688	590	468
25°	1621	1778	1865	1933	1865	1778	1621	1399	1156	941	688
22.5°	2541	2772	2895	2986	2895	2772	2541	2195	1852	1492	1104
20°	3722	4026	4207	4339	4207	4026	3722	3260	2751	2224	1685
17.5°	5657	6135	6414	6654	6414	6135	5657	4813	4156	3462	2539
15°	8445	9405	10151	10567	10151	9405	8445	7127	5945	4900	3658
12.5°	11158	12564	13399	13783	13399	12564	11158	9521	7670	6085	4614
10°	13840	15166	15961	16101	15961	15166	13840	11904	9565	7321	5432
7.5°	15894	17352	18408	18792	18408	17352	15894	14055	11387	8765	6373
5°	17708	19415	20533	20674	20533	19415	17708	15507	12854	9843	7117
2.5°	19042	20898	21982	22354	21982	20898	19042	16597	13811	10503	7512
0°	19688	21686	22892	23435	22892	21686	19688	17145	14280	10813	7672
-2.5°	19552	21619	22965	23673	22965	21619	19552	17028	14094	10599	7574
-5°	18808	20882	22137	22889	22137	20882	18808	16199	13225	9948	7202
-7.5°	17094	19033	20369	21063	20369	19033	17094	14864	11790	8901	6650
-10°	14885	16526	17744	18336	17744	16526	14885	12551	10060	7701	5903
-12.5°	12015	13606	14705	15123	14705	13606	12015	10151	8102	6552	5151
-15°	9205	10420	11201	11448	11201	10420	9205	7869	6619	5432	4269
-17.5°	6981	7635	8074	8192	8074	7635	6981	6110	5268	4325	3382
-20°	5230	5635	5920	5988	5920	5635	5230	4644	3999	3230	2525

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Scaled Data Report



REPORT NUMBER: P626744 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	3811	4115	4345	4391	4345	4115	3811	3383	2853	2295	1759
-25°	2629	2883	3039	3051	3039	2883	2629	2280	1887	1543	1167
-27.5°	1648	1788	1860	1886	1860	1788	1648	1441	1179	1015	818
-30°	1018	1083	1117	1118	1117	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	393
-37.5°	416	425	430	431	430	425	416	402	383	360	337
-40°	348	354	358	361	358	354	348	339	327	312	296
-42.5°	301	305	307	306	307	305	301	296	288	277	266
-45°	268	271	272	273	272	271	268	265	259	251	243
-47.5°	242	243	244	245	244	243	242	240	236	229	221
-50°	221	223	223	222	223	223	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	189	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	143	137
-65°	132	133	135	137	135	133	132	130	128	125	121
-67.5°	115	116	117	119	117	116	115	113	111	109	105
-70°	99	101	101	101	101	101	99	98	96	93	90
-72.5°	85	86	86	87	86	86	85	83	82	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: P626744 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	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	47	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	147	131	117	104	93
25°	536	401	315	254	206	180	162	143	127	113	101
22.5°	771	563	407	305	245	208	180	156	137	123	110
20°	1181	785	545	399	304	240	202	173	152	134	119
17.5°	1819	1230	726	518	383	292	232	193	167	145	128
15°	2554	1731	1082	691	472	335	259	212	182	157	137
12.5°	3297	2248	1391	832	548	383	291	235	197	167	144
10°	3887	2711	1714	1035	645	432	319	252	208	176	150
7.5°	4493	3090	1985	1188	726	473	340	266	217	182	156
5°	4935	3398	2216	1307	789	505	357	277	224	188	161
2.5°	5238	3609	2372	1380	831	527	370	285	230	191	164
0°	5378	3709	2445	1432	854	541	380	291	235	194	165
-2.5°	5345	3702	2400	1414	855	548	384	292	237	196	167
-5°	5131	3570	2322	1377	834	545	385	293	237	198	168
-7.5°	4832	3335	2147	1285	790	530	382	292	237	198	169
-10°	4367	2969	1905	1159	731	505	372	288	234	197	168
-12.5°	3793	2555	1620	972	649	467	353	278	230	194	167
-15°	3123	2120	1357	858	582	428	331	266	224	190	164
-17.5°	2461	1659	1042	707	514	394	314	258	218	186	162
-20°	1809	1206	840	597	447	353	292	246	210	182	160

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REPORT NUMBER: P626744 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	1254	911	653	490	395	325	273	233	201	177	157
-25°	904	677	524	426	350	294	255	222	195	172	152
-27.5°	664	525	441	367	311	273	240	211	187	166	149
-30°	512	437	373	319	283	251	225	201	180	160	144
-32.5°	415	369	321	287	258	233	212	191	171	155	139
-35°	353	318	287	261	238	218	198	180	164	148	133
-37.5°	309	281	259	239	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	129	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: P626744 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	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°	50	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	45	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: P626744 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	139	123	107	91	78	64	50	37	27	17	11
-25°	137	121	105	90	77	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	56	42	31	23	16	11
-37.5°	115	103	90	77	66	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: P626744 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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	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: P626744 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-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)