

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: P626704 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-722-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626704 (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-722-U-MR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

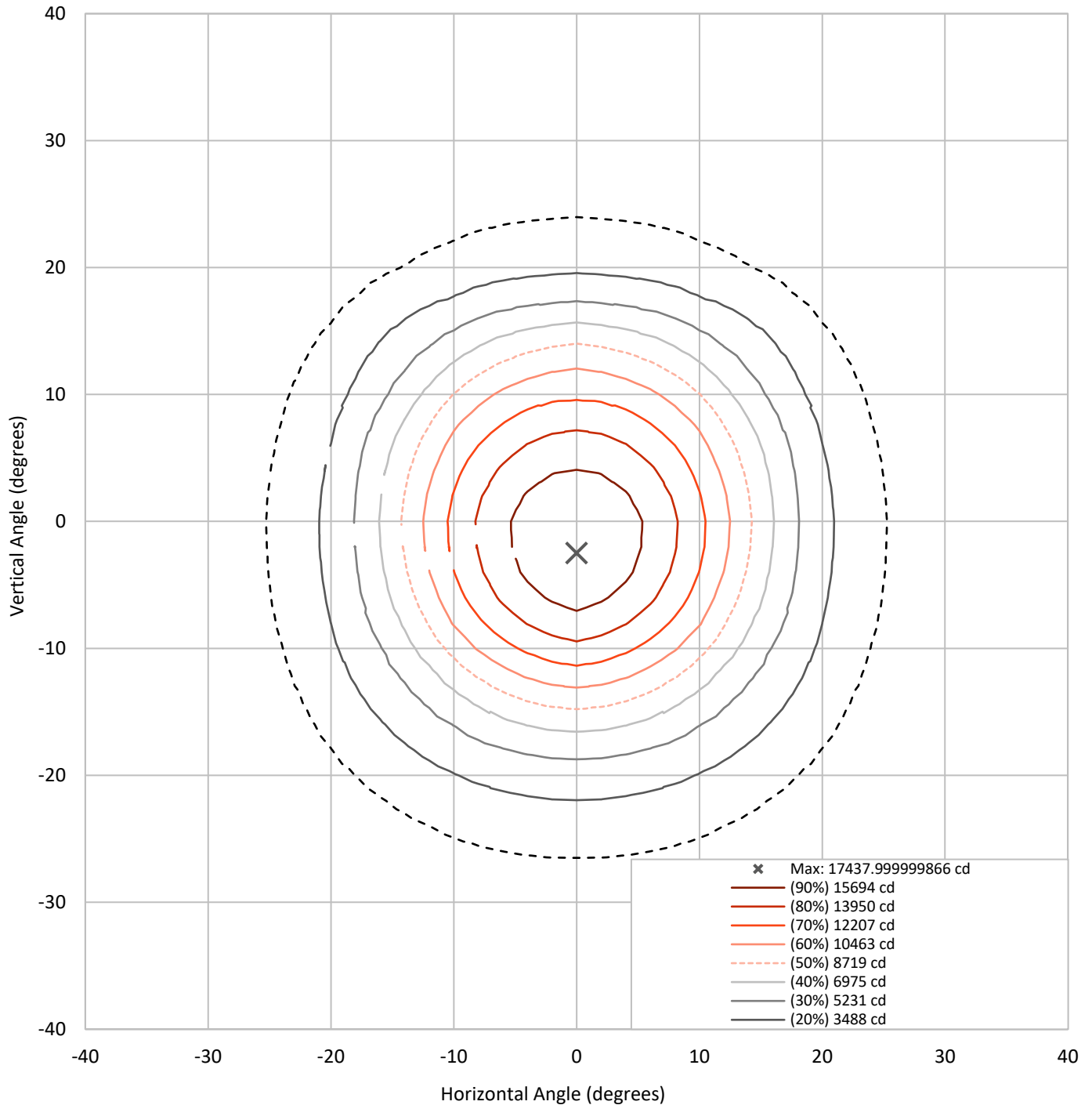
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	4945.8 lumens	Max Intensity:	17438 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	86.3 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	2473 lumens	Field Lumens:	4249.4 lumens
Beam Efficiency:	50.0%	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: P626704 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-722-U-MR-VSR-XX

Iso-Candela Plot





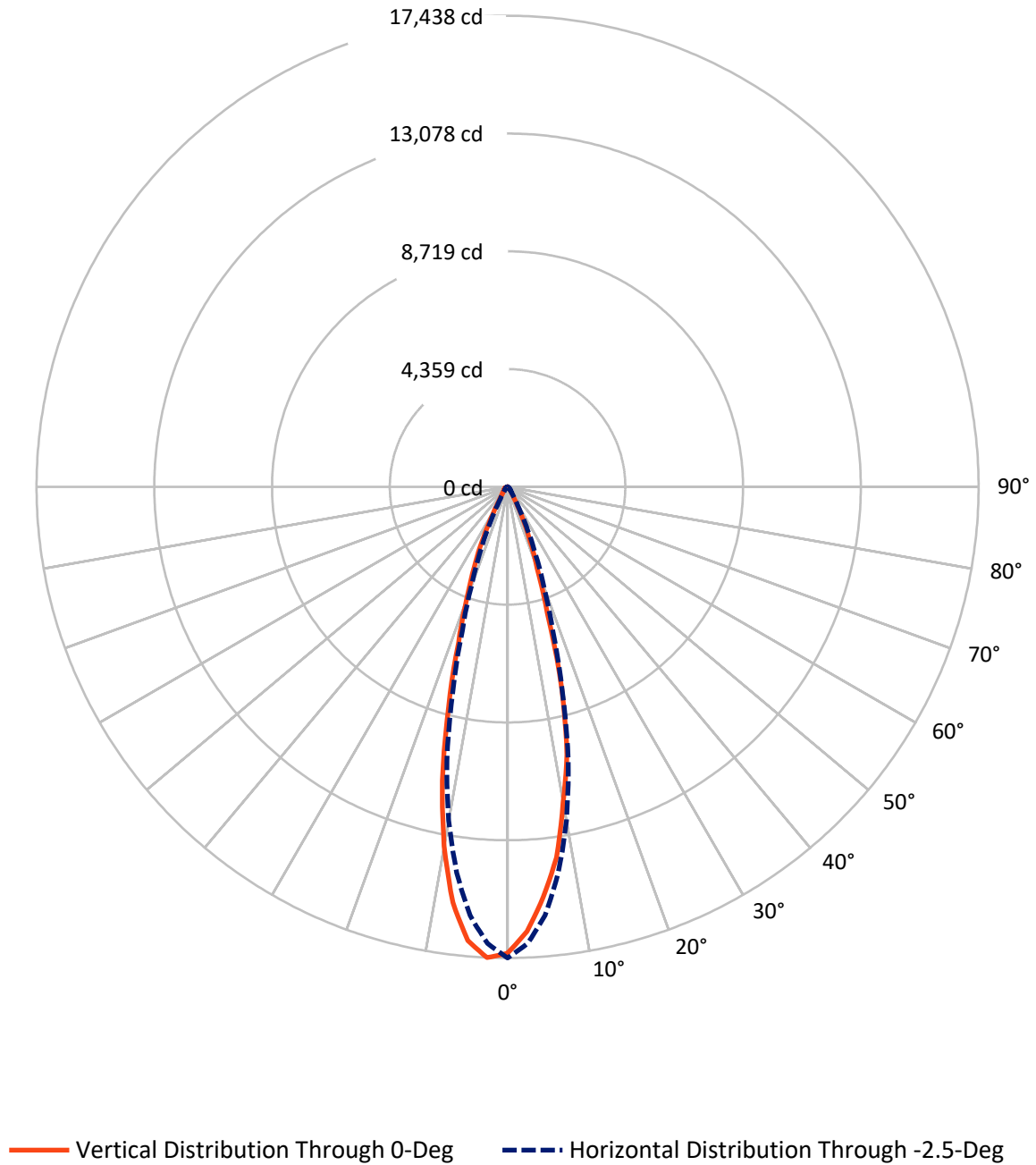
REPORT NUMBER: P626704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-722-U-MR-VSR-XX

Lumen Table

90	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	0.0
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	0.0	0.0
70	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	0.0
60		0.0	0.0	0.1	0.3	0.6	0.8	0.9	0.9	0.8	0.6	0.3	0.1	0.0	0.0		
50	0.0	0.0	0.2	0.5	1.0	1.6	2.2	2.6	2.6	2.2	1.6	1.0	0.5	0.2	0.0	0.0	
40		0.1	0.4	1.1	1.9	3.2	5.3	7.1	7.1	5.3	3.2	1.9	1.1	0.4	0.1		
30	0.0	0.2	0.7	1.6	3.1	7.5	23.5	43.1	43.1	23.5	7.5	3.1	1.6	0.7	0.2	0.0	
20		0.2	0.9	2.2	5.3	25.8	104.7	205.1	205.1	104.7	25.8	5.3	2.2	0.9	0.2		
10	0.1	0.3	1.1	2.6	7.5	49.1	211.5	414.5	414.5	211.5	49.1	7.5	2.6	1.1	0.3	0.1	
0		0.4	1.2	2.8	8.1	51.4	217.0	439.5	439.5	217.0	51.4	8.1	2.8	1.2	0.4		
-10	0.1	0.4	1.2	2.7	6.6	31.6	120.0	232.6	232.6	120.0	31.6	6.6	2.7	1.2	0.4	0.1	
-20		0.4	1.2	2.5	4.9	12.3	37.2	66.3	66.3	37.2	12.3	4.9	2.5	1.2	0.4		
-30	0.1	0.3	1.1	2.1	3.7	6.1	9.9	13.2	13.2	9.9	6.1	3.7	2.1	1.1	0.3	0.1	
-40		0.3	0.9	1.8	2.9	4.2	5.5	6.2	6.2	5.5	4.2	2.9	1.8	0.9	0.3		
-50	0.1	0.2	0.7	1.4	2.3	3.2	4.0	4.3	4.3	4.0	3.2	2.3	1.4	0.7	0.2	0.1	
-60		0.1	0.4	0.9	1.5	2.2	2.7	3.0	3.0	2.7	2.2	1.5	0.9	0.4	0.1		
-70	0.0	0.3	1.5	3.2	4.0	3.2	1.5	0.3	0.0								
-80		0.3	1.5	3.2	4.0	3.2	1.5	0.3									
-90	0.0	0.3	1.5	3.2	4.0	3.2	1.5	0.3	0.0								

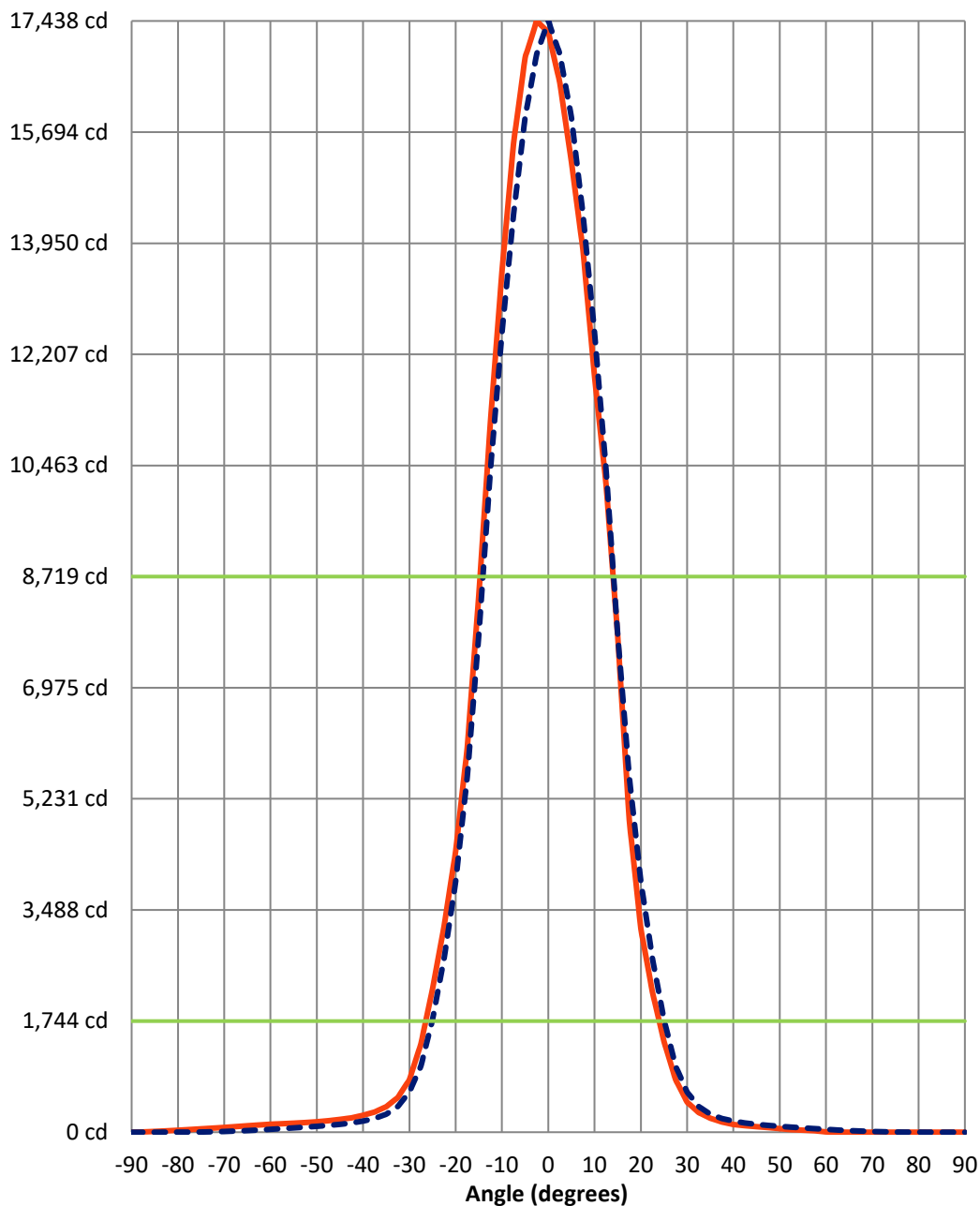
REPORT NUMBER: P626704 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-722-U-MR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P626704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-722-U-MR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 2473
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 4249.4
 Efficiency: 85.9%

Spill:
 Lumens: 696.5
 Efficiency: 14.1%

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

Classified

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

Scaled Data Report



REPORT NUMBER: P626704 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-U-MR-VSR-XX

FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	1	0
52.5°	0	0	0	0	0	0	0	0	1	1	1
50°	0	0	0	0	0	0	0	1	1	1	1
47.5°	0	0	0	0	0	0	0	1	1	1	1
45°	0	0	0	0	0	0	1	1	1	1	1
42.5°	0	0	0	0	0	0	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	1	2	4
35°	0	0	0	0	0	1	1	1	2	3	5
32.5°	0	0	0	0	0	1	1	1	2	4	6
30°	0	0	0	0	1	1	1	1	2	5	7
27.5°	0	0	0	0	1	1	1	2	3	6	9
25°	0	0	0	0	1	1	1	2	4	7	10
22.5°	0	0	0	0	1	1	1	2	5	8	12
20°	0	0	0	0	1	1	1	3	5	9	14
17.5°	0	0	0	0	1	1	1	3	6	10	16
15°	0	0	0	0	1	1	1	4	7	12	17
12.5°	0	0	0	0	1	1	1	4	7	13	19
10°	0	0	0	0	1	1	2	5	8	14	20
7.5°	0	0	0	0	1	1	2	5	8	15	21
5°	0	0	0	0	1	1	2	6	9	16	22
2.5°	0	0	0	0	1	1	2	6	9	17	23
0°	0	0	0	0	1	1	2	7	10	18	24
-2.5°	0	0	0	0	1	1	3	7	11	18	25
-5°	0	0	0	0	1	1	3	7	12	19	25
-7.5°	0	0	0	0	1	1	3	7	12	19	26
-10°	0	0	0	0	1	2	4	7	13	19	26
-12.5°	0	0	0	0	1	2	4	7	13	20	27
-15°	0	0	0	0	1	2	4	7	13	20	27
-17.5°	0	0	0	0	1	2	4	7	13	20	27
-20°	0	0	0	0	1	2	4	8	13	20	27

Classified

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

Scaled Data Report



REPORT NUMBER: P626704 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	0	0	1	2	5	8	13	20	27
-25°	0	0	0	1	1	2	5	8	13	19	26
-27.5°	0	0	0	1	1	2	5	8	12	19	26
-30°	0	0	0	0	1	2	5	8	12	18	25
-32.5°	0	0	0	0	1	2	4	8	12	18	24
-35°	0	0	0	0	1	2	4	8	12	17	23
-37.5°	0	0	0	0	1	2	4	8	12	16	22
-40°	0	0	0	0	1	2	4	8	11	16	22
-42.5°	0	0	0	0	1	2	4	7	11	15	21
-45°	0	0	0	0	1	2	4	7	10	14	20
-47.5°	0	0	0	0	1	2	4	7	10	14	19
-50°	0	0	0	0	1	2	4	6	9	13	17
-52.5°	0	0	0	0	1	2	4	6	9	12	16
-55°	0	0	0	0	1	2	3	5	8	11	15
-57.5°	0	0	0	0	1	2	3	5	7	10	14
-60°	0	0	0	0	1	2	3	4	6	9	12
-62.5°	0	0	0	0	1	2	3	4	6	8	11
-65°	0	0	0	0	1	2	2	4	5	7	9
-67.5°	0	0	0	0	1	1	2	3	5	6	8
-70°	0	0	0	0	1	1	2	3	4	5	7
-72.5°	0	0	0	0	1	1	2	3	3	5	6
-75°	0	0	0	0	1	1	2	2	3	4	5
-77.5°	0	0	0	0	0	1	1	2	2	3	4
-80°	0	0	0	0	0	1	1	1	2	2	3
-82.5°	0	0	0	0	0	1	1	1	1	1	2
-85°	0	0	0	0	0	0	1	1	1	1	1
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P626704 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	1	1	1	1	2
57.5°	0	0	1	1	1	1	2	2	3	5	6
55°	0	1	1	1	2	3	4	5	7	10	12
52.5°	1	1	1	2	3	5	7	10	13	15	17
50°	1	1	1	4	5	8	11	15	18	20	23
47.5°	1	2	3	6	8	12	17	20	22	26	31
45°	2	3	5	8	12	17	21	24	28	33	38
42.5°	3	5	8	11	17	22	26	30	34	40	45
40°	4	7	11	15	21	26	31	36	40	46	52
37.5°	6	9	14	20	26	31	36	42	48	54	60
35°	7	12	17	23	30	36	42	48	55	63	70
32.5°	9	14	20	27	34	41	48	56	63	71	79
30°	11	17	23	31	38	45	54	63	70	79	88
27.5°	14	20	27	34	41	50	60	69	77	86	96
25°	16	22	30	37	45	55	66	75	83	93	106
22.5°	18	25	33	40	49	60	71	81	91	101	115
20°	20	28	36	44	53	65	76	88	99	112	128
17.5°	23	30	39	48	57	69	82	94	107	123	142
15°	24	33	42	51	62	74	87	101	116	134	156
12.5°	26	35	45	55	66	78	92	106	123	145	173
10°	28	37	48	58	69	82	96	111	129	153	186
7.5°	29	39	50	61	72	86	99	115	134	160	196
5°	31	41	52	63	75	88	102	118	138	165	204
2.5°	32	42	54	65	77	90	104	120	141	169	210
0°	33	44	55	66	78	91	105	122	143	173	214
-2.5°	34	45	56	67	79	92	107	123	145	175	215
-5°	35	46	57	68	80	93	107	124	146	175	216
-7.5°	35	47	58	69	81	94	108	124	146	175	215
-10°	36	48	58	70	82	94	108	124	145	173	212
-12.5°	36	48	59	70	82	94	107	123	143	169	205
-15°	37	48	59	70	82	94	107	121	140	165	196
-17.5°	37	48	58	69	81	94	105	119	137	160	190
-20°	37	48	58	68	80	93	104	118	134	155	182

Classified

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

Scaled Data Report



REPORT NUMBER: P626704 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-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°	37	47	57	67	79	91	103	115	131	148	172
-25°	36	47	56	66	77	89	101	112	127	143	164
-27.5°	35	46	55	65	75	86	98	109	123	138	155
-30°	34	44	54	64	74	84	95	106	118	132	148
-32.5°	32	43	52	62	72	82	91	102	114	126	141
-35°	31	41	50	59	70	79	88	98	109	121	133
-37.5°	30	39	48	57	67	76	85	94	104	115	126
-40°	29	37	46	55	63	73	81	89	98	109	120
-42.5°	27	35	44	52	60	69	78	85	94	104	114
-45°	26	34	41	49	57	65	73	82	90	99	108
-47.5°	25	32	39	46	54	62	69	77	86	94	102
-50°	23	30	37	43	51	59	66	73	81	89	97
-52.5°	21	28	34	40	47	54	62	69	76	83	91
-55°	19	25	31	37	43	50	57	64	71	78	84
-57.5°	17	22	28	34	39	45	52	59	66	72	79
-60°	16	20	25	30	36	41	47	53	60	66	72
-62.5°	14	17	22	26	31	37	42	48	54	59	64
-65°	12	15	19	23	27	32	37	42	47	52	56
-67.5°	10	13	16	19	23	27	31	35	40	44	48
-70°	9	11	13	16	19	22	26	29	33	37	40
-72.5°	8	9	11	13	15	18	21	24	27	30	33
-75°	6	7	9	10	12	15	17	20	22	24	27
-77.5°	5	6	7	8	10	11	13	15	17	19	21
-80°	3	4	5	6	7	8	10	11	12	14	16
-82.5°	2	3	4	5	5	6	6	7	8	9	11
-85°	1	2	2	3	3	3	4	4	5	5	6
-87.5°	1	1	1	1	1	1	1	2	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	1	1	1	1	1	1	2	2	1
60°	3	3	4	5	5	4	5	6	6	5	5
57.5°	8	10	11	12	13	15	16	16	16	17	19
55°	13	15	16	18	21	23	24	25	27	28	30
52.5°	18	21	23	25	28	30	30	34	36	38	40
50°	26	29	32	35	38	40	42	45	49	53	55
47.5°	34	38	41	46	49	52	54	59	64	68	71
45°	42	46	50	55	58	62	66	71	76	81	84
42.5°	49	53	58	63	66	72	78	83	89	95	99
40°	57	61	68	73	77	83	92	100	107	114	118
37.5°	66	73	81	87	93	100	112	124	134	143	150
35°	77	86	96	102	111	125	140	156	172	185	197
32.5°	88	98	108	118	132	151	170	196	220	245	268
30°	98	109	121	134	156	182	213	253	297	340	389
27.5°	108	120	134	156	189	225	282	345	434	507	623
25°	119	133	152	187	232	296	394	507	693	852	1031
22.5°	132	153	180	224	300	414	568	813	1099	1364	1617
20°	149	177	224	294	402	578	870	1241	1638	2026	2402
17.5°	171	215	282	382	535	906	1340	1871	2550	3061	3545
15°	191	247	348	509	797	1275	1881	2694	3609	4379	5250
12.5°	214	282	404	613	1025	1656	2429	3399	4482	5650	7014
10°	235	318	475	763	1262	1997	2863	4001	5393	7045	8769
7.5°	251	349	534	875	1462	2276	3309	4694	6456	8388	10353
5°	263	372	581	963	1632	2503	3635	5242	7251	9468	11422
2.5°	273	389	612	1017	1747	2658	3858	5534	7737	10173	12225
0°	280	399	629	1055	1801	2732	3961	5651	7965	10519	12629
-2.5°	283	404	630	1042	1768	2727	3937	5579	7808	10381	12543
-5°	284	401	614	1014	1711	2629	3780	5305	7328	9742	11933
-7.5°	281	390	582	946	1581	2457	3560	4898	6556	8685	10949
-10°	274	372	538	854	1403	2187	3217	4348	5672	7410	9245
-12.5°	260	344	478	716	1193	1882	2794	3794	4826	5968	7477
-15°	244	315	429	632	999	1562	2300	3145	4001	4876	5797
-17.5°	231	290	379	520	767	1222	1812	2491	3186	3881	4501
-20°	215	260	329	440	619	888	1332	1860	2380	2946	3421

Classified

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

Scaled Data Report



REPORT NUMBER: P626704 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-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°	201	239	291	361	481	671	924	1296	1690	2102	2492
-25°	188	217	258	314	386	498	666	860	1137	1390	1680
-27.5°	177	201	229	270	325	386	489	602	748	868	1062
-30°	166	185	208	235	275	322	377	446	517	588	681
-32.5°	156	172	190	211	236	271	306	350	389	432	476
-35°	146	160	175	192	211	234	260	289	315	341	364
-37.5°	137	149	162	176	191	207	227	248	265	282	296
-40°	130	140	151	162	174	187	203	218	230	241	250
-42.5°	124	132	141	150	160	172	185	196	204	212	218
-45°	117	125	133	140	149	159	170	179	185	191	195
-47.5°	110	117	124	132	140	148	156	163	169	173	177
-50°	104	111	117	123	130	138	145	151	155	160	162
-52.5°	98	104	110	117	122	128	134	139	144	149	150
-55°	91	98	103	109	115	120	125	130	135	139	140
-57.5°	85	92	98	102	107	112	117	122	126	130	131
-60°	78	85	90	95	99	104	108	112	117	120	122
-62.5°	70	76	81	85	89	93	97	101	105	108	110
-65°	60	65	70	74	78	82	86	89	92	95	96
-67.5°	52	56	60	63	67	71	74	77	80	82	83
-70°	44	47	51	54	58	61	64	66	69	71	72
-72.5°	36	39	42	46	49	51	54	56	58	60	61
-75°	29	32	35	37	40	42	44	46	48	49	50
-77.5°	23	25	27	29	31	33	35	36	38	39	40
-80°	17	19	20	22	23	25	26	27	28	29	30
-82.5°	12	13	14	15	16	17	18	18	19	20	21
-85°	7	8	8	9	10	10	11	11	12	12	12
-87.5°	3	3	3	4	4	4	4	4	4	5	5
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626704 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	1	1	1	1	2	2	1
60°	5	4	4	4	4	4	5	5	5	6	6
57.5°	21	22	23	23	23	22	21	19	17	16	16
55°	31	32	32	32	32	32	31	30	28	27	25
52.5°	40	40	40	40	40	40	40	40	38	36	34
50°	56	56	56	56	56	56	56	55	53	49	45
47.5°	72	73	73	73	73	73	72	71	68	64	59
45°	86	87	87	87	87	87	86	84	81	76	71
42.5°	101	101	102	102	102	101	101	99	95	89	83
40°	121	121	121	121	121	121	121	118	114	107	100
37.5°	154	156	157	160	157	156	154	150	143	134	124
35°	206	212	215	220	215	212	206	197	185	172	156
32.5°	285	296	302	309	302	296	285	268	245	220	196
30°	423	446	455	472	455	446	423	389	340	297	253
27.5°	709	763	784	828	784	763	709	623	507	434	345
25°	1194	1310	1374	1424	1374	1310	1194	1031	852	693	507
22.5°	1872	2042	2132	2199	2132	2042	1872	1617	1364	1099	813
20°	2742	2966	3099	3196	3099	2966	2742	2402	2026	1638	1241
17.5°	4167	4519	4725	4901	4725	4519	4167	3545	3061	2550	1871
15°	6221	6928	7477	7784	7477	6928	6221	5250	4379	3609	2694
12.5°	8219	9255	9870	10153	9870	9255	8219	7014	5650	4482	3399
10°	10195	11171	11757	11860	11757	11171	10195	8769	7045	5393	4001
7.5°	11708	12782	13560	13842	13560	12782	11708	10353	8388	6456	4694
5°	13044	14301	15125	15229	15125	14301	13044	11422	9468	7251	5242
2.5°	14027	15394	16192	16466	16192	15394	14027	12225	10173	7737	5534
0°	14502	15974	16863	17262	16863	15974	14502	12629	10519	7965	5651
-2.5°	14402	15925	16916	17438	16916	15925	14402	12543	10381	7808	5579
-5°	13854	15382	16306	16860	16306	15382	13854	11933	9742	7328	5305
-7.5°	12592	14020	15004	15515	15004	14020	12592	10949	8685	6556	4898
-10°	10964	12173	13070	13506	13070	12173	10964	9245	7410	5672	4348
-12.5°	8850	10022	10832	11140	10832	10022	8850	7477	5968	4826	3794
-15°	6781	7676	8250	8432	8250	7676	6781	5797	4876	4001	3145
-17.5°	5142	5624	5947	6035	5947	5624	5142	4501	3881	3186	2491
-20°	3852	4151	4361	4411	4361	4151	3852	3421	2946	2380	1860

Classified

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

Scaled Data Report



REPORT NUMBER: P626704 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-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°	2807	3031	3201	3235	3201	3031	2807	2492	2102	1690	1296
-25°	1936	2124	2239	2248	2239	2124	1936	1680	1390	1137	860
-27.5°	1214	1317	1370	1389	1370	1317	1214	1062	868	748	602
-30°	750	798	823	824	823	798	750	681	588	517	446
-32.5°	509	532	545	545	545	532	509	476	432	389	350
-35°	381	393	400	401	400	393	381	364	341	315	289
-37.5°	307	313	317	317	317	313	307	296	282	265	248
-40°	256	261	264	266	264	261	256	250	241	230	218
-42.5°	222	225	226	225	226	225	222	218	212	204	196
-45°	198	199	200	201	200	199	198	195	191	185	179
-47.5°	178	179	180	180	180	179	178	177	173	169	163
-50°	163	164	164	164	164	164	163	162	160	155	151
-52.5°	151	151	151	152	151	151	151	150	149	144	139
-55°	141	141	141	142	141	141	141	140	139	135	130
-57.5°	132	133	133	133	133	133	132	131	130	126	122
-60°	123	125	125	125	125	125	123	122	120	117	112
-62.5°	111	112	113	113	113	112	111	110	108	105	101
-65°	97	98	100	101	100	98	97	96	95	92	89
-67.5°	84	85	87	88	87	85	84	83	82	80	77
-70°	73	74	75	75	75	74	73	72	71	69	66
-72.5°	62	63	64	64	64	63	62	61	60	58	56
-75°	52	52	53	53	53	52	52	50	49	48	46
-77.5°	41	41	42	42	42	41	41	40	39	38	36
-80°	31	32	31	31	31	32	31	30	29	28	27
-82.5°	21	22	21	21	21	22	21	21	20	19	18
-85°	13	13	13	12	13	13	13	12	12	12	11
-87.5°	5	5	5	4	5	5	5	5	5	4	4
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626704 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	1	0	0	0	0	0	0
60°	5	4	5	5	4	3	3	2	1	1	1
57.5°	16	15	13	12	11	10	8	6	5	3	2
55°	24	23	21	18	16	15	13	12	10	7	5
52.5°	30	30	28	25	23	21	18	17	15	13	10
50°	42	40	38	35	32	29	26	23	20	18	15
47.5°	54	52	49	46	41	38	34	31	26	22	20
45°	66	62	58	55	50	46	42	38	33	28	24
42.5°	78	72	66	63	58	53	49	45	40	34	30
40°	92	83	77	73	68	61	57	52	46	40	36
37.5°	112	100	93	87	81	73	66	60	54	48	42
35°	140	125	111	102	96	86	77	70	63	55	48
32.5°	170	151	132	118	108	98	88	79	71	63	56
30°	213	182	156	134	121	109	98	88	79	70	63
27.5°	282	225	189	156	134	120	108	96	86	77	69
25°	394	296	232	187	152	133	119	106	93	83	75
22.5°	568	414	300	224	180	153	132	115	101	91	81
20°	870	578	402	294	224	177	149	128	112	99	88
17.5°	1340	906	535	382	282	215	171	142	123	107	94
15°	1881	1275	797	509	348	247	191	156	134	116	101
12.5°	2429	1656	1025	613	404	282	214	173	145	123	106
10°	2863	1997	1262	763	475	318	235	186	153	129	111
7.5°	3309	2276	1462	875	534	349	251	196	160	134	115
5°	3635	2503	1632	963	581	372	263	204	165	138	118
2.5°	3858	2658	1747	1017	612	389	273	210	169	141	120
0°	3961	2732	1801	1055	629	399	280	214	173	143	122
-2.5°	3937	2727	1768	1042	630	404	283	215	175	145	123
-5°	3780	2629	1711	1014	614	401	284	216	175	146	124
-7.5°	3560	2457	1581	946	582	390	281	215	175	146	124
-10°	3217	2187	1403	854	538	372	274	212	173	145	124
-12.5°	2794	1882	1193	716	478	344	260	205	169	143	123
-15°	2300	1562	999	632	429	315	244	196	165	140	121
-17.5°	1812	1222	767	520	379	290	231	190	160	137	119
-20°	1332	888	619	440	329	260	215	182	155	134	118

Classified

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

Scaled Data Report



REPORT NUMBER: P626704 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-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°	924	671	481	361	291	239	201	172	148	131	115
-25°	666	498	386	314	258	217	188	164	143	127	112
-27.5°	489	386	325	270	229	201	177	155	138	123	109
-30°	377	322	275	235	208	185	166	148	132	118	106
-32.5°	306	271	236	211	190	172	156	141	126	114	102
-35°	260	234	211	192	175	160	146	133	121	109	98
-37.5°	227	207	191	176	162	149	137	126	115	104	94
-40°	203	187	174	162	151	140	130	120	109	98	89
-42.5°	185	172	160	150	141	132	124	114	104	94	85
-45°	170	159	149	140	133	125	117	108	99	90	82
-47.5°	156	148	140	132	124	117	110	102	94	86	77
-50°	145	138	130	123	117	111	104	97	89	81	73
-52.5°	134	128	122	117	110	104	98	91	83	76	69
-55°	125	120	115	109	103	98	91	84	78	71	64
-57.5°	117	112	107	102	98	92	85	79	72	66	59
-60°	108	104	99	95	90	85	78	72	66	60	53
-62.5°	97	93	89	85	81	76	70	64	59	54	48
-65°	86	82	78	74	70	65	60	56	52	47	42
-67.5°	74	71	67	63	60	56	52	48	44	40	35
-70°	64	61	58	54	51	47	44	40	37	33	29
-72.5°	54	51	49	46	42	39	36	33	30	27	24
-75°	44	42	40	37	35	32	29	27	24	22	20
-77.5°	35	33	31	29	27	25	23	21	19	17	15
-80°	26	25	23	22	20	19	17	16	14	12	11
-82.5°	18	17	16	15	14	13	12	11	9	8	7
-85°	11	10	10	9	8	8	7	6	5	5	4
-87.5°	4	4	4	4	3	3	3	2	2	2	2
-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: P626704 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
60°	1	0	0	0	0	0	0	0	0	0	0
57.5°	2	1	1	1	1	0	0	0	0	0	0
55°	4	3	2	1	1	1	0	0	1	0	0
52.5°	7	5	3	2	1	1	1	1	1	1	0
50°	11	8	5	4	1	1	1	1	1	1	1
47.5°	17	12	8	6	3	2	1	1	1	1	1
45°	21	17	12	8	5	3	2	1	1	1	1
42.5°	26	22	17	11	8	5	3	2	1	1	1
40°	31	26	21	15	11	7	4	3	1	1	1
37.5°	36	31	26	20	14	9	6	4	2	1	1
35°	42	36	30	23	17	12	7	5	3	2	1
32.5°	48	41	34	27	20	14	9	6	4	2	1
30°	54	45	38	31	23	17	11	7	5	2	1
27.5°	60	50	41	34	27	20	14	9	6	3	2
25°	66	55	45	37	30	22	16	10	7	4	2
22.5°	71	60	49	40	33	25	18	12	8	5	2
20°	76	65	53	44	36	28	20	14	9	5	3
17.5°	82	69	57	48	39	30	23	16	10	6	3
15°	87	74	62	51	42	33	24	17	12	7	4
12.5°	92	78	66	55	45	35	26	19	13	7	4
10°	96	82	69	58	48	37	28	20	14	8	5
7.5°	99	86	72	61	50	39	29	21	15	8	5
5°	102	88	75	63	52	41	31	22	16	9	6
2.5°	104	90	77	65	54	42	32	23	17	9	6
0°	105	91	78	66	55	44	33	24	18	10	7
-2.5°	107	92	79	67	56	45	34	25	18	11	7
-5°	107	93	80	68	57	46	35	25	19	12	7
-7.5°	108	94	81	69	58	47	35	26	19	12	7
-10°	108	94	82	70	58	48	36	26	19	13	7
-12.5°	107	94	82	70	59	48	36	27	20	13	7
-15°	107	94	82	70	59	48	37	27	20	13	7
-17.5°	105	94	81	69	58	48	37	27	20	13	7
-20°	104	93	80	68	58	48	37	27	20	13	8

Classified

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

Scaled Data Report



REPORT NUMBER: P626704 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-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°	103	91	79	67	57	47	37	27	20	13	8
-25°	101	89	77	66	56	47	36	26	19	13	8
-27.5°	98	86	75	65	55	46	35	26	19	12	8
-30°	95	84	74	64	54	44	34	25	18	12	8
-32.5°	91	82	72	62	52	43	32	24	18	12	8
-35°	88	79	70	59	50	41	31	23	17	12	8
-37.5°	85	76	67	57	48	39	30	22	16	12	8
-40°	81	73	63	55	46	37	29	22	16	11	8
-42.5°	78	69	60	52	44	35	27	21	15	11	7
-45°	73	65	57	49	41	34	26	20	14	10	7
-47.5°	69	62	54	46	39	32	25	19	14	10	7
-50°	66	59	51	43	37	30	23	17	13	9	6
-52.5°	62	54	47	40	34	28	21	16	12	9	6
-55°	57	50	43	37	31	25	19	15	11	8	5
-57.5°	52	45	39	34	28	22	17	14	10	7	5
-60°	47	41	36	30	25	20	16	12	9	6	4
-62.5°	42	37	31	26	22	17	14	11	8	6	4
-65°	37	32	27	23	19	15	12	9	7	5	4
-67.5°	31	27	23	19	16	13	10	8	6	5	3
-70°	26	22	19	16	13	11	9	7	5	4	3
-72.5°	21	18	15	13	11	9	8	6	5	3	3
-75°	17	15	12	10	9	7	6	5	4	3	2
-77.5°	13	11	10	8	7	6	5	4	3	2	2
-80°	10	8	7	6	5	4	3	3	2	2	1
-82.5°	6	6	5	5	4	3	2	2	1	1	1
-85°	4	3	3	3	2	2	1	1	1	1	1
-87.5°	1	1	1	1	1	1	1	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P626704 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0
45°	1	0	0	0	0	0	0
42.5°	1	0	0	0	0	0	0
40°	1	1	0	0	0	0	0
37.5°	1	1	0	0	0	0	0
35°	1	1	0	0	0	0	0
32.5°	1	1	0	0	0	0	0
30°	1	1	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°	1	1	1	0	0	0	0
12.5°	1	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°	2	1	1	0	0	0	0
0°	2	1	1	0	0	0	0
-2.5°	3	1	1	0	0	0	0
-5°	3	1	1	0	0	0	0
-7.5°	3	1	1	0	0	0	0
-10°	4	2	1	0	0	0	0
-12.5°	4	2	1	0	0	0	0
-15°	4	2	1	0	0	0	0
-17.5°	4	2	1	0	0	0	0
-20°	4	2	1	0	0	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P626704 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

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