

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: P626584 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-722-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P626584 (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-SA1B-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

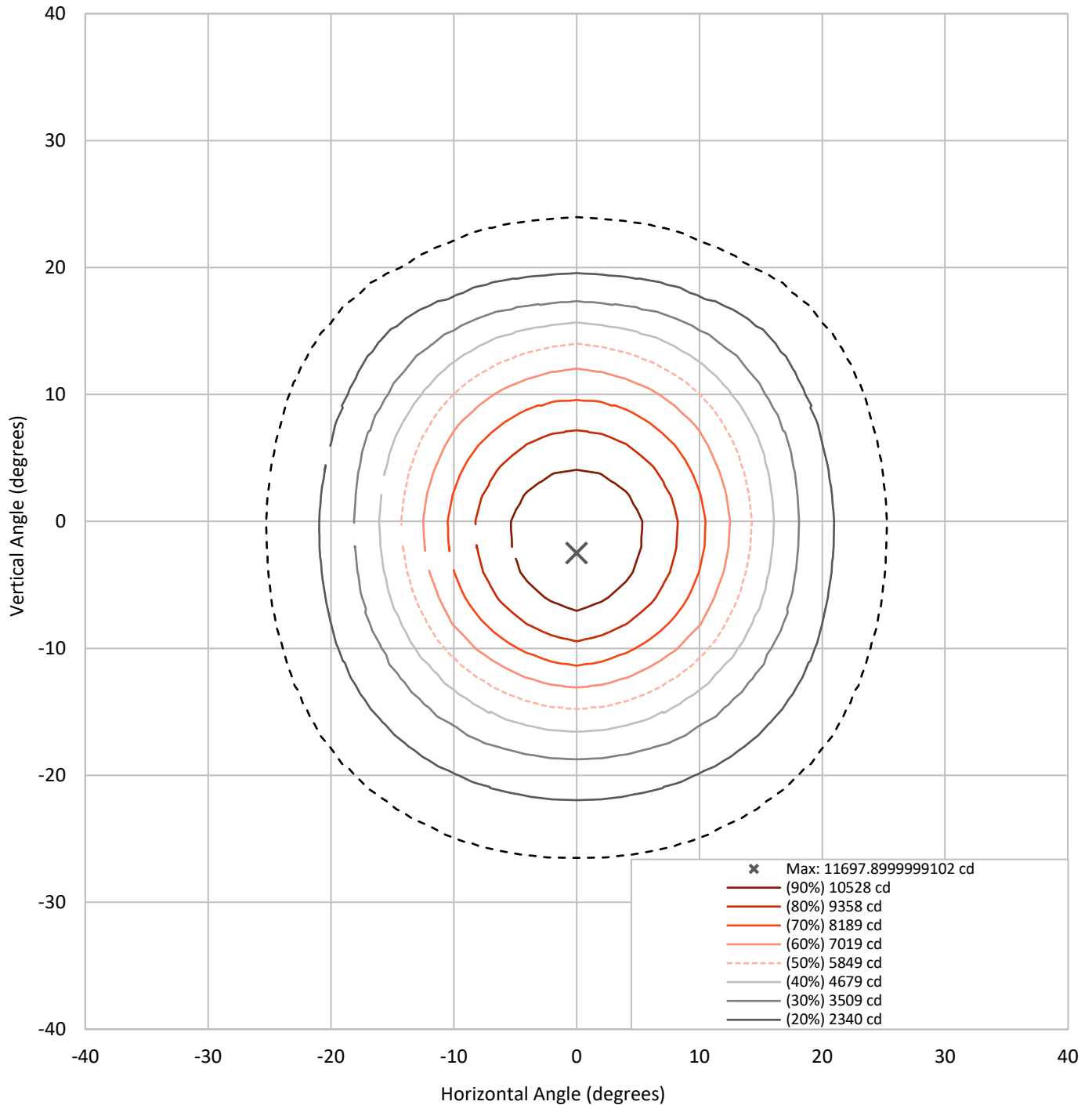
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	3317.8 lumens	Max Intensity:	11697.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	99.0 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	1658.9 lumens	Field Lumens:	2850.6 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
Input Watts (W):	33.5		
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-SA1B-722-U-MR-VSR-XX

Iso-Candela Plot





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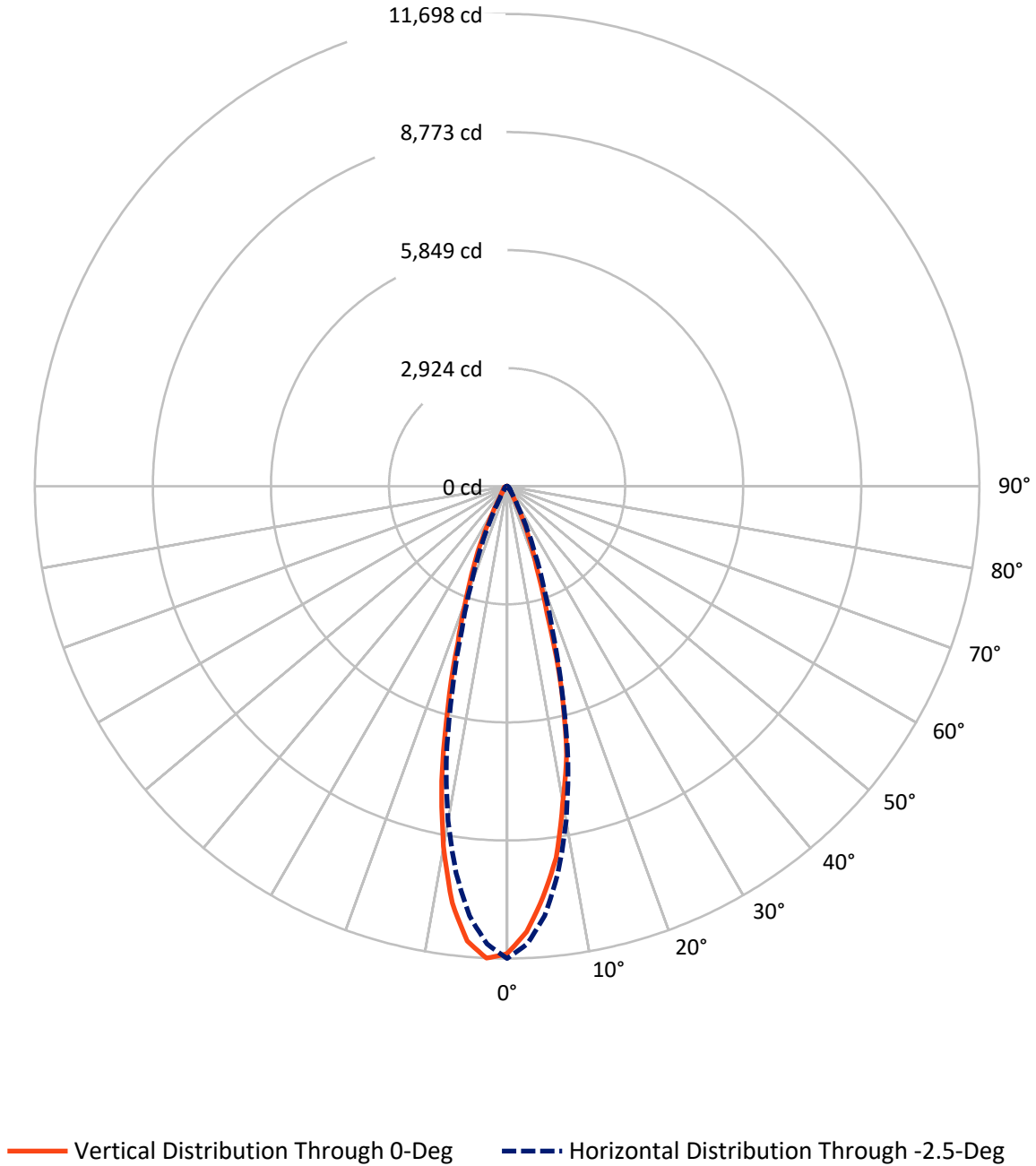
CATALOG NUMBER: GFLD-SA1B-722-U-MR-VSR-XX

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	0.1	0.2	0.4	0.5	0.6	0.6	0.5	0.4	0.2	0.1	0.0		0.0			
40	0.0	0.0	0.1	0.4	0.7	1.1	1.5	1.8	1.8	1.5	1.1	0.7	0.4	0.1	0.0	0.0			
30		0.0	0.3	0.7	1.3	2.1	3.6	4.8	4.8	3.6	2.1	1.3	0.7	0.3	0.0				
20	0.0	0.1	0.4	1.1	2.1	5.0	15.7	28.9	28.9	15.7	5.0	2.1	1.1	0.4	0.1	0.0			
10		0.2	0.6	1.5	3.5	17.3	70.3	137.6	137.6	70.3	17.3	3.5	1.5	0.6	0.2				
0	0.0	0.2	0.8	1.8	5.1	32.9	141.9	278.1	278.1	141.9	32.9	5.1	1.8	0.8	0.2	0.0			
-10		0.2	0.8	1.9	5.4	34.5	145.6	294.9	294.9	145.6	34.5	5.4	1.9	0.8	0.2				
-20	0.1	0.3	0.8	1.8	4.5	21.2	80.5	156.0	156.0	80.5	21.2	4.5	1.8	0.8	0.3	0.1			
-30		0.2	0.8	1.7	3.3	8.2	24.9	44.5	44.5	24.9	8.2	3.3	1.7	0.8	0.2				
-40	0.1	0.2	0.7	1.4	2.5	4.1	6.6	8.9	8.9	6.6	4.1	2.5	1.4	0.7	0.2	0.1			
-50		0.2	0.6	1.2	2.0	2.8	3.7	4.1	4.1	3.7	2.8	2.0	1.2	0.6	0.2				
-60	0.0	0.1	0.4	0.9	1.5	2.1	2.7	2.9	2.9	2.7	2.1	1.5	0.9	0.4	0.1	0.0			
-70		0.1	0.3	0.6	1.0	1.4	1.8	2.0	2.0	1.8	1.4	1.0	0.6	0.3	0.1				
-80	0.0	0.2	1.0	2.1	2.7	2.1	1.0	0.2	0.0										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

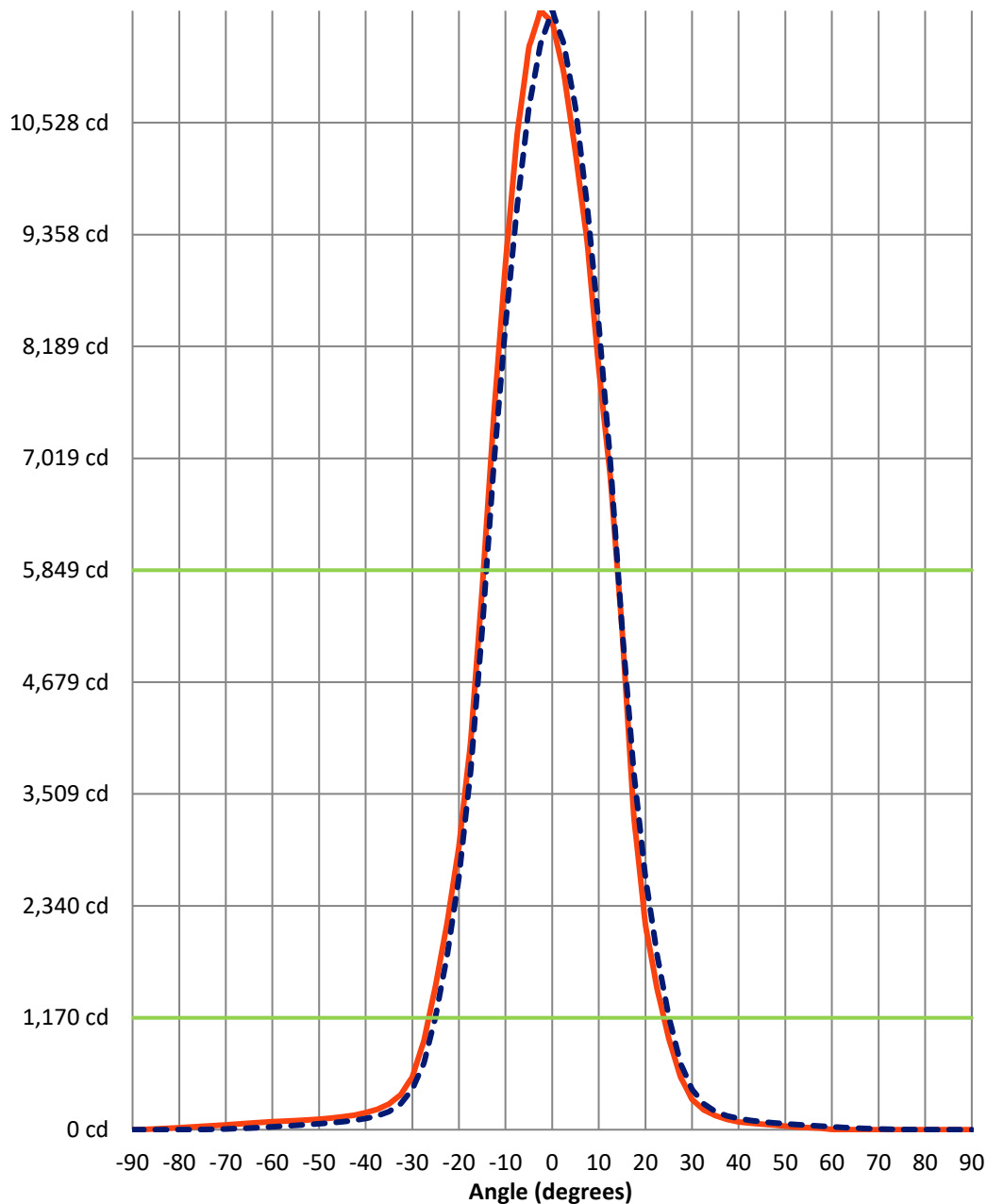
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 1658.9
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 2850.6
 Efficiency: 85.9%

Spill:
 Lumens: 467.2
 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	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0	0	1	0	0
50°	0	0	0	0	0	0	0	0	1	1	0
47.5°	0	0	0	0	0	0	0	1	1	1	1
45°	0	0	0	0	0	0	0	1	1	1	1
42.5°	0	0	0	0	0	0	0	1	1	1	1
40°	0	0	0	0	0	0	1	1	1	1	2
37.5°	0	0	0	0	0	0	1	1	1	1	2
35°	0	0	0	0	0	1	1	1	1	2	3
32.5°	0	0	0	0	0	1	1	1	1	2	4
30°	0	0	0	0	0	1	1	1	2	3	5
27.5°	0	0	0	0	0	1	1	1	2	4	6
25°	0	0	0	0	0	1	1	1	3	4	7
22.5°	0	0	0	0	0	1	1	2	3	5	8
20°	0	0	0	0	1	1	1	2	4	6	9
17.5°	0	0	0	0	1	1	1	2	4	7	11
15°	0	0	0	0	1	1	1	2	4	8	12
12.5°	0	0	0	0	1	1	1	3	5	9	13
10°	0	0	0	0	1	1	1	3	5	9	13
7.5°	0	0	0	0	1	1	1	4	6	10	14
5°	0	0	0	0	1	1	1	4	6	11	15
2.5°	0	0	0	0	1	1	1	4	6	11	16
0°	0	0	0	0	1	1	1	4	7	12	16
-2.5°	0	0	0	0	1	1	2	5	7	12	17
-5°	0	0	0	0	1	1	2	5	8	13	17
-7.5°	0	0	0	0	1	1	2	5	8	13	17
-10°	0	0	0	0	1	1	3	5	9	13	18
-12.5°	0	0	0	0	1	1	3	5	9	13	18
-15°	0	0	0	0	1	1	3	5	9	13	18
-17.5°	0	0	0	0	1	1	3	5	9	13	18
-20°	0	0	0	0	1	1	3	5	9	13	18

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CATALOG NUMBER: GFLD-SA1B-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	1	3	5	9	13	18
-25°	0	0	0	0	1	1	3	5	8	13	18
-27.5°	0	0	0	0	1	1	3	6	8	13	17
-30°	0	0	0	0	1	1	3	6	8	12	17
-32.5°	0	0	0	0	1	1	3	5	8	12	16
-35°	0	0	0	0	1	1	3	5	8	11	15
-37.5°	0	0	0	0	1	1	3	5	8	11	15
-40°	0	0	0	0	1	2	3	5	7	10	14
-42.5°	0	0	0	0	1	2	3	5	7	10	14
-45°	0	0	0	0	1	2	3	5	7	10	13
-47.5°	0	0	0	0	1	2	3	4	7	9	13
-50°	0	0	0	0	1	2	3	4	6	9	12
-52.5°	0	0	0	0	1	1	2	4	6	8	11
-55°	0	0	0	0	1	1	2	4	5	7	10
-57.5°	0	0	0	0	1	1	2	3	5	7	9
-60°	0	0	0	0	1	1	2	3	4	6	8
-62.5°	0	0	0	0	1	1	2	3	4	5	7
-65°	0	0	0	0	1	1	2	2	3	5	6
-67.5°	0	0	0	0	0	1	2	2	3	4	6
-70°	0	0	0	0	0	1	1	2	3	4	5
-72.5°	0	0	0	0	0	1	1	2	2	3	4
-75°	0	0	0	0	0	1	1	1	2	2	3
-77.5°	0	0	0	0	0	1	1	1	1	2	2
-80°	0	0	0	0	0	0	1	1	1	1	2
-82.5°	0	0	0	0	0	0	1	1	1	1	1
-85°	0	0	0	0	0	0	0	0	0	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

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REPORT NUMBER: P626584 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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	0	1	1	1	1
57.5°	0	0	0	0	0	1	1	1	2	3	4
55°	0	0	1	1	1	2	2	4	5	6	8
52.5°	0	1	1	1	2	3	5	6	8	10	11
50°	1	1	1	2	4	5	8	10	12	13	15
47.5°	1	1	2	4	6	8	11	13	15	18	21
45°	1	2	4	6	8	12	14	16	19	22	25
42.5°	2	3	5	7	11	15	17	20	23	27	30
40°	3	4	7	10	14	18	21	24	27	31	35
37.5°	4	6	9	13	17	21	24	28	32	36	40
35°	5	8	11	16	20	24	28	32	37	42	47
32.5°	6	10	14	18	23	27	32	37	42	47	53
30°	8	11	16	21	25	30	36	42	47	53	59
27.5°	9	13	18	23	28	33	40	46	52	58	65
25°	11	15	20	25	30	37	44	50	56	63	71
22.5°	12	17	22	27	33	40	48	54	61	68	77
20°	14	19	24	29	35	43	51	59	66	75	86
17.5°	15	20	26	32	39	47	55	63	72	82	95
15°	16	22	28	35	42	50	58	68	78	90	105
12.5°	18	24	30	37	44	53	62	71	83	97	116
10°	19	25	32	39	47	55	64	74	87	103	125
7.5°	20	26	34	41	48	57	67	77	90	107	131
5°	21	27	35	42	50	59	69	79	93	110	137
2.5°	21	29	36	43	51	60	70	81	95	114	141
0°	22	29	37	44	52	61	71	82	96	116	144
-2.5°	23	30	38	45	53	62	72	83	97	117	144
-5°	23	31	38	46	54	62	72	83	98	117	145
-7.5°	24	32	39	46	55	63	72	83	98	117	144
-10°	24	32	39	47	55	63	72	83	97	116	142
-12.5°	24	32	39	47	55	63	72	83	96	114	138
-15°	25	32	39	47	55	63	72	81	94	111	132
-17.5°	25	32	39	46	55	63	71	80	92	108	127
-20°	25	32	39	46	54	62	70	79	90	104	122

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CATALOG NUMBER: GFLD-SA1B-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°	25	32	38	45	53	61	69	77	88	99	115
-25°	24	31	38	44	52	60	67	75	85	96	110
-27.5°	24	31	37	44	51	58	66	73	82	93	104
-30°	23	30	36	43	49	56	63	71	79	89	99
-32.5°	22	29	35	41	48	55	61	69	76	85	94
-35°	21	27	34	40	47	53	59	66	73	81	89
-37.5°	20	26	32	38	45	51	57	63	70	77	85
-40°	19	25	31	37	42	49	54	60	66	73	80
-42.5°	18	24	29	35	40	46	52	57	63	70	76
-45°	18	23	28	33	39	44	49	55	60	66	73
-47.5°	17	21	26	31	36	42	46	52	58	63	69
-50°	16	20	25	29	34	39	44	49	54	60	65
-52.5°	14	19	23	27	32	36	42	46	51	56	61
-55°	13	17	21	25	29	33	38	43	48	52	57
-57.5°	12	15	19	23	26	30	35	39	44	48	53
-60°	11	13	17	20	24	28	31	36	40	44	48
-62.5°	9	12	14	18	21	25	28	32	36	39	43
-65°	8	10	13	15	18	21	25	28	32	35	37
-67.5°	7	9	11	13	15	18	21	24	27	30	32
-70°	6	7	9	11	13	15	17	20	22	25	27
-72.5°	5	6	7	8	10	12	14	16	18	20	22
-75°	4	5	6	7	8	10	11	13	15	16	18
-77.5°	3	4	5	5	6	8	9	10	12	13	14
-80°	2	3	4	4	5	6	6	7	8	9	10
-82.5°	2	2	3	3	3	4	4	5	6	6	7
-85°	1	1	1	2	2	2	2	3	3	4	4
-87.5°	0	1	1	1	1	1	1	1	1	1	2
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626584 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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	1	1	1
60°	2	2	3	3	3	3	4	4	4	3	3
57.5°	5	6	7	8	9	10	11	11	11	11	13
55°	9	10	11	12	14	15	16	17	18	19	20
52.5°	12	14	15	17	19	20	20	23	24	26	27
50°	18	19	21	23	25	27	28	30	33	35	37
47.5°	23	25	28	31	33	35	36	39	43	46	47
45°	28	31	34	37	39	42	44	48	51	54	57
42.5°	33	36	39	42	44	48	52	56	60	64	66
40°	38	41	46	49	52	56	62	67	72	77	79
37.5°	44	49	54	58	62	67	75	83	90	96	100
35°	52	58	64	69	75	84	94	105	116	124	132
32.5°	59	66	72	79	88	101	114	131	148	164	180
30°	66	73	81	90	105	122	143	170	199	228	261
27.5°	72	80	90	105	127	151	189	231	291	340	418
25°	80	89	102	125	156	198	265	340	465	571	691
22.5°	89	103	121	150	201	278	381	546	737	915	1085
20°	100	119	150	197	269	388	583	833	1099	1359	1611
17.5°	115	144	189	256	359	608	899	1255	1711	2053	2378
15°	128	166	233	341	535	855	1262	1807	2421	2938	3522
12.5°	144	189	271	411	687	1111	1629	2280	3007	3790	4705
10°	157	214	319	512	847	1340	1921	2684	3618	4726	5882
7.5°	168	234	359	587	981	1527	2220	3149	4331	5627	6945
5°	176	250	390	646	1095	1679	2439	3517	4864	6351	7662
2.5°	183	261	411	682	1172	1783	2588	3712	5190	6824	8201
0°	188	267	422	708	1208	1832	2657	3791	5343	7056	8472
-2.5°	190	271	423	699	1186	1830	2641	3743	5237	6964	8414
-5°	190	269	412	680	1148	1764	2536	3559	4916	6535	8005
-7.5°	189	262	390	635	1061	1648	2388	3286	4398	5826	7345
-10°	184	249	361	573	941	1467	2158	2917	3805	4971	6202
-12.5°	175	231	321	480	801	1263	1874	2545	3237	4004	5016
-15°	164	211	288	424	670	1048	1543	2110	2684	3271	3888
-17.5°	155	195	254	349	515	820	1216	1671	2137	2603	3019
-20°	145	175	221	295	415	596	894	1248	1596	1976	2295

Classified

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

Scaled Data Report



REPORT NUMBER: P626584 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	135	161	195	242	323	450	620	869	1134	1410	1672
-25°	126	145	173	210	259	334	447	577	763	932	1127
-27.5°	119	135	153	181	218	259	328	404	502	582	712
-30°	111	124	140	157	184	216	253	299	347	394	457
-32.5°	104	115	127	142	158	182	205	235	261	289	319
-35°	98	107	117	129	142	157	174	194	211	229	244
-37.5°	92	100	109	118	128	139	152	166	178	189	199
-40°	87	94	101	109	117	126	136	146	154	162	168
-42.5°	83	89	94	101	108	116	124	132	137	142	146
-45°	79	84	89	94	100	107	114	120	124	128	131
-47.5°	74	79	83	88	94	99	105	109	113	116	119
-50°	70	74	79	83	87	92	97	101	104	107	109
-52.5°	65	70	74	78	82	86	90	93	97	100	101
-55°	61	66	69	73	77	81	84	87	90	93	94
-57.5°	57	62	66	69	72	75	79	82	85	87	88
-60°	53	57	60	63	67	70	73	75	78	81	82
-62.5°	47	51	54	57	60	63	65	68	70	72	74
-65°	40	44	47	50	52	55	57	60	62	63	64
-67.5°	35	37	40	43	45	47	50	52	54	55	56
-70°	29	32	34	36	39	41	43	44	46	47	48
-72.5°	24	26	28	31	33	34	36	38	39	40	41
-75°	20	21	23	25	27	28	30	31	32	33	34
-77.5°	16	17	18	20	21	22	23	24	25	26	27
-80°	12	13	14	15	16	16	17	18	19	20	20
-82.5°	8	9	9	10	11	12	12	12	13	13	14
-85°	5	5	6	6	7	7	7	7	8	8	8
-87.5°	2	2	2	2	3	3	3	3	3	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626584 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-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	1	1	1
60°	3	3	3	3	3	3	3	3	3	4	4
57.5°	14	15	15	16	15	15	14	13	11	11	11
55°	21	22	22	21	22	22	21	20	19	18	17
52.5°	27	27	27	27	27	27	27	27	26	24	23
50°	37	37	37	38	37	37	37	37	35	33	30
47.5°	48	49	49	49	49	49	48	47	46	43	39
45°	58	58	58	58	58	58	58	57	54	51	48
42.5°	68	68	68	69	68	68	68	66	64	60	56
40°	81	81	81	81	81	81	81	79	77	72	67
37.5°	103	105	106	108	106	105	103	100	96	90	83
35°	138	142	144	147	144	142	138	132	124	116	105
32.5°	191	199	203	207	203	199	191	180	164	148	131
30°	284	299	305	317	305	299	284	261	228	199	170
27.5°	476	512	526	555	526	512	476	418	340	291	231
25°	801	879	921	955	921	879	801	691	571	465	340
22.5°	1256	1370	1430	1475	1430	1370	1256	1085	915	737	546
20°	1839	1989	2079	2144	2079	1989	1839	1611	1359	1099	833
17.5°	2795	3031	3169	3288	3169	3031	2795	2378	2053	1711	1255
15°	4173	4647	5016	5221	5016	4647	4173	3522	2938	2421	1807
12.5°	5513	6208	6621	6811	6621	6208	5513	4705	3790	3007	2280
10°	6839	7494	7887	7956	7887	7494	6839	5882	4726	3618	2684
7.5°	7854	8574	9096	9286	9096	8574	7854	6945	5627	4331	3149
5°	8750	9594	10146	10216	10146	9594	8750	7662	6351	4864	3517
2.5°	9409	10327	10862	11046	10862	10327	9409	8201	6824	5190	3712
0°	9728	10716	11312	11580	11312	10716	9728	8472	7056	5343	3791
-2.5°	9661	10683	11348	11698	11348	10683	9661	8414	6964	5237	3743
-5°	9294	10319	10939	11310	10939	10319	9294	8005	6535	4916	3559
-7.5°	8447	9405	10065	10408	10065	9405	8447	7345	5826	4398	3286
-10°	7355	8166	8768	9060	8768	8166	7355	6202	4971	3805	2917
-12.5°	5937	6723	7266	7473	7266	6723	5937	5016	4004	3237	2545
-15°	4549	5149	5535	5657	5535	5149	4549	3888	3271	2684	2110
-17.5°	3450	3773	3990	4048	3990	3773	3450	3019	2603	2137	1671
-20°	2584	2785	2925	2959	2925	2785	2584	2295	1976	1596	1248

Classified

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

Scaled Data Report



REPORT NUMBER: P626584 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	1883	2034	2147	2170	2147	2034	1883	1672	1410	1134	869
-25°	1299	1425	1502	1508	1502	1425	1299	1127	932	763	577
-27.5°	814	883	919	932	919	883	814	712	582	502	404
-30°	503	535	552	552	552	535	503	457	394	347	299
-32.5°	342	357	365	365	365	357	342	319	289	261	235
-35°	256	264	268	269	268	264	256	244	229	211	194
-37.5°	206	210	212	213	212	210	206	199	189	178	166
-40°	172	175	177	178	177	175	172	168	162	154	146
-42.5°	149	151	152	151	152	151	149	146	142	137	132
-45°	133	134	134	135	134	134	133	131	128	124	120
-47.5°	120	120	121	121	121	120	120	119	116	113	109
-50°	109	110	110	110	110	110	109	109	107	104	101
-52.5°	101	101	101	102	101	101	101	101	100	97	93
-55°	95	95	95	95	95	95	95	94	93	90	87
-57.5°	89	89	89	89	89	89	89	88	87	85	82
-60°	83	84	84	84	84	84	83	82	81	78	75
-62.5°	75	75	76	76	76	75	75	74	72	70	68
-65°	65	66	67	68	67	66	65	64	63	62	60
-67.5°	57	57	58	59	58	57	57	56	55	54	52
-70°	49	50	50	50	50	50	49	48	47	46	44
-72.5°	42	42	43	43	43	42	42	41	40	39	38
-75°	35	35	35	35	35	35	35	34	33	32	31
-77.5°	27	28	28	28	28	28	27	27	26	25	24
-80°	21	21	21	21	21	21	21	20	20	19	18
-82.5°	14	15	14	14	14	15	14	14	13	13	12
-85°	9	9	8	8	8	9	9	8	8	8	7
-87.5°	3	4	3	3	3	4	3	3	3	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626584 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-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°	4	3	3	3	3	2	2	1	1	1	1
57.5°	11	10	9	8	7	6	5	4	3	2	1
55°	16	15	14	12	11	10	9	8	6	5	4
52.5°	20	20	19	17	15	14	12	11	10	8	6
50°	28	27	25	23	21	19	18	15	13	12	10
47.5°	36	35	33	31	28	25	23	21	18	15	13
45°	44	42	39	37	34	31	28	25	22	19	16
42.5°	52	48	44	42	39	36	33	30	27	23	20
40°	62	56	52	49	46	41	38	35	31	27	24
37.5°	75	67	62	58	54	49	44	40	36	32	28
35°	94	84	75	69	64	58	52	47	42	37	32
32.5°	114	101	88	79	72	66	59	53	47	42	37
30°	143	122	105	90	81	73	66	59	53	47	42
27.5°	189	151	127	105	90	80	72	65	58	52	46
25°	265	198	156	125	102	89	80	71	63	56	50
22.5°	381	278	201	150	121	103	89	77	68	61	54
20°	583	388	269	197	150	119	100	86	75	66	59
17.5°	899	608	359	256	189	144	115	95	82	72	63
15°	1262	855	535	341	233	166	128	105	90	78	68
12.5°	1629	1111	687	411	271	189	144	116	97	83	71
10°	1921	1340	847	512	319	214	157	125	103	87	74
7.5°	2220	1527	981	587	359	234	168	131	107	90	77
5°	2439	1679	1095	646	390	250	176	137	110	93	79
2.5°	2588	1783	1172	682	411	261	183	141	114	95	81
0°	2657	1832	1208	708	422	267	188	144	116	96	82
-2.5°	2641	1830	1186	699	423	271	190	144	117	97	83
-5°	2536	1764	1148	680	412	269	190	145	117	98	83
-7.5°	2388	1648	1061	635	390	262	189	144	117	98	83
-10°	2158	1467	941	573	361	249	184	142	116	97	83
-12.5°	1874	1263	801	480	321	231	175	138	114	96	83
-15°	1543	1048	670	424	288	211	164	132	111	94	81
-17.5°	1216	820	515	349	254	195	155	127	108	92	80
-20°	894	596	415	295	221	175	145	122	104	90	79

Classified

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

Scaled Data Report



REPORT NUMBER: P626584 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	620	450	323	242	195	161	135	115	99	88	77
-25°	447	334	259	210	173	145	126	110	96	85	75
-27.5°	328	259	218	181	153	135	119	104	93	82	73
-30°	253	216	184	157	140	124	111	99	89	79	71
-32.5°	205	182	158	142	127	115	104	94	85	76	69
-35°	174	157	142	129	117	107	98	89	81	73	66
-37.5°	152	139	128	118	109	100	92	85	77	70	63
-40°	136	126	117	109	101	94	87	80	73	66	60
-42.5°	124	116	108	101	94	89	83	76	70	63	57
-45°	114	107	100	94	89	84	79	73	66	60	55
-47.5°	105	99	94	88	83	79	74	69	63	58	52
-50°	97	92	87	83	79	74	70	65	60	54	49
-52.5°	90	86	82	78	74	70	65	61	56	51	46
-55°	84	81	77	73	69	66	61	57	52	48	43
-57.5°	79	75	72	69	66	62	57	53	48	44	39
-60°	73	70	67	63	60	57	53	48	44	40	36
-62.5°	65	63	60	57	54	51	47	43	39	36	32
-65°	57	55	52	50	47	44	40	37	35	32	28
-67.5°	50	47	45	43	40	37	35	32	30	27	24
-70°	43	41	39	36	34	32	29	27	25	22	20
-72.5°	36	34	33	31	28	26	24	22	20	18	16
-75°	30	28	27	25	23	21	20	18	16	15	13
-77.5°	23	22	21	20	18	17	16	14	13	12	10
-80°	17	16	16	15	14	13	12	10	9	8	7
-82.5°	12	12	11	10	9	9	8	7	6	6	5
-85°	7	7	7	6	6	5	5	4	4	3	3
-87.5°	3	3	3	2	2	2	2	2	1	1	1
-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: P626584 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	0	0	0	0	0	0	0	0	0	0	0
57.5°	1	1	0	0	0	0	0	0	0	0	0
55°	2	2	1	1	1	0	0	0	0	0	0
52.5°	5	3	2	1	1	1	0	0	0	1	0
50°	8	5	4	2	1	1	1	0	1	1	0
47.5°	11	8	6	4	2	1	1	1	1	1	1
45°	14	12	8	6	4	2	1	1	1	1	1
42.5°	17	15	11	7	5	3	2	1	1	1	1
40°	21	18	14	10	7	4	3	2	1	1	1
37.5°	24	21	17	13	9	6	4	2	1	1	1
35°	28	24	20	16	11	8	5	3	2	1	1
32.5°	32	27	23	18	14	10	6	4	2	1	1
30°	36	30	25	21	16	11	8	5	3	2	1
27.5°	40	33	28	23	18	13	9	6	4	2	1
25°	44	37	30	25	20	15	11	7	4	3	1
22.5°	48	40	33	27	22	17	12	8	5	3	2
20°	51	43	35	29	24	19	14	9	6	4	2
17.5°	55	47	39	32	26	20	15	11	7	4	2
15°	58	50	42	35	28	22	16	12	8	4	2
12.5°	62	53	44	37	30	24	18	13	9	5	3
10°	64	55	47	39	32	25	19	13	9	5	3
7.5°	67	57	48	41	34	26	20	14	10	6	4
5°	69	59	50	42	35	27	21	15	11	6	4
2.5°	70	60	51	43	36	29	21	16	11	6	4
0°	71	61	52	44	37	29	22	16	12	7	4
-2.5°	72	62	53	45	38	30	23	17	12	7	5
-5°	72	62	54	46	38	31	23	17	13	8	5
-7.5°	72	63	55	46	39	32	24	17	13	8	5
-10°	72	63	55	47	39	32	24	18	13	9	5
-12.5°	72	63	55	47	39	32	24	18	13	9	5
-15°	72	63	55	47	39	32	25	18	13	9	5
-17.5°	71	63	55	46	39	32	25	18	13	9	5
-20°	70	62	54	46	39	32	25	18	13	9	5

Classified

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

Scaled Data Report



REPORT NUMBER: P626584 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	69	61	53	45	38	32	25	18	13	9	5
-25°	67	60	52	44	38	31	24	18	13	8	5
-27.5°	66	58	51	44	37	31	24	17	13	8	6
-30°	63	56	49	43	36	30	23	17	12	8	6
-32.5°	61	55	48	41	35	29	22	16	12	8	5
-35°	59	53	47	40	34	27	21	15	11	8	5
-37.5°	57	51	45	38	32	26	20	15	11	8	5
-40°	54	49	42	37	31	25	19	14	10	7	5
-42.5°	52	46	40	35	29	24	18	14	10	7	5
-45°	49	44	39	33	28	23	18	13	10	7	5
-47.5°	46	42	36	31	26	21	17	13	9	7	4
-50°	44	39	34	29	25	20	16	12	9	6	4
-52.5°	42	36	32	27	23	19	14	11	8	6	4
-55°	38	33	29	25	21	17	13	10	7	5	4
-57.5°	35	30	26	23	19	15	12	9	7	5	3
-60°	31	28	24	20	17	13	11	8	6	4	3
-62.5°	28	25	21	18	14	12	9	7	5	4	3
-65°	25	21	18	15	13	10	8	6	5	3	2
-67.5°	21	18	15	13	11	9	7	6	4	3	2
-70°	17	15	13	11	9	7	6	5	4	3	2
-72.5°	14	12	10	8	7	6	5	4	3	2	2
-75°	11	10	8	7	6	5	4	3	2	2	1
-77.5°	9	8	6	5	5	4	3	2	2	1	1
-80°	6	6	5	4	4	3	2	2	1	1	1
-82.5°	4	4	3	3	3	2	2	1	1	1	1
-85°	2	2	2	2	1	1	1	1	1	0	0
-87.5°	1	1	1	1	1	1	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: P626584 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-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°	0	0	0	0	0	0	0
42.5°	0	0	0	0	0	0	0
40°	1	0	0	0	0	0	0
37.5°	1	0	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	0	0	0	0	0
27.5°	1	1	0	0	0	0	0
25°	1	1	0	0	0	0	0
22.5°	1	1	0	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°	1	1	1	0	0	0	0
7.5°	1	1	1	0	0	0	0
5°	1	1	1	0	0	0	0
2.5°	1	1	1	0	0	0	0
0°	1	1	1	0	0	0	0
-2.5°	2	1	1	0	0	0	0
-5°	2	1	1	0	0	0	0
-7.5°	2	1	1	0	0	0	0
-10°	3	1	1	0	0	0	0
-12.5°	3	1	1	0	0	0	0
-15°	3	1	1	0	0	0	0
-17.5°	3	1	1	0	0	0	0
-20°	3	1	1	0	0	0	0

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CATALOG NUMBER: GFLD-SA1B-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

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