

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: P626596 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-727-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626596 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-16)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1B-727-U-MWR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (16) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3640.8 lumens
Efficiency: N/A
Efficacy: 108.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 5100.8 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 2438.6 lumens
Beam Efficiency: 67.0%

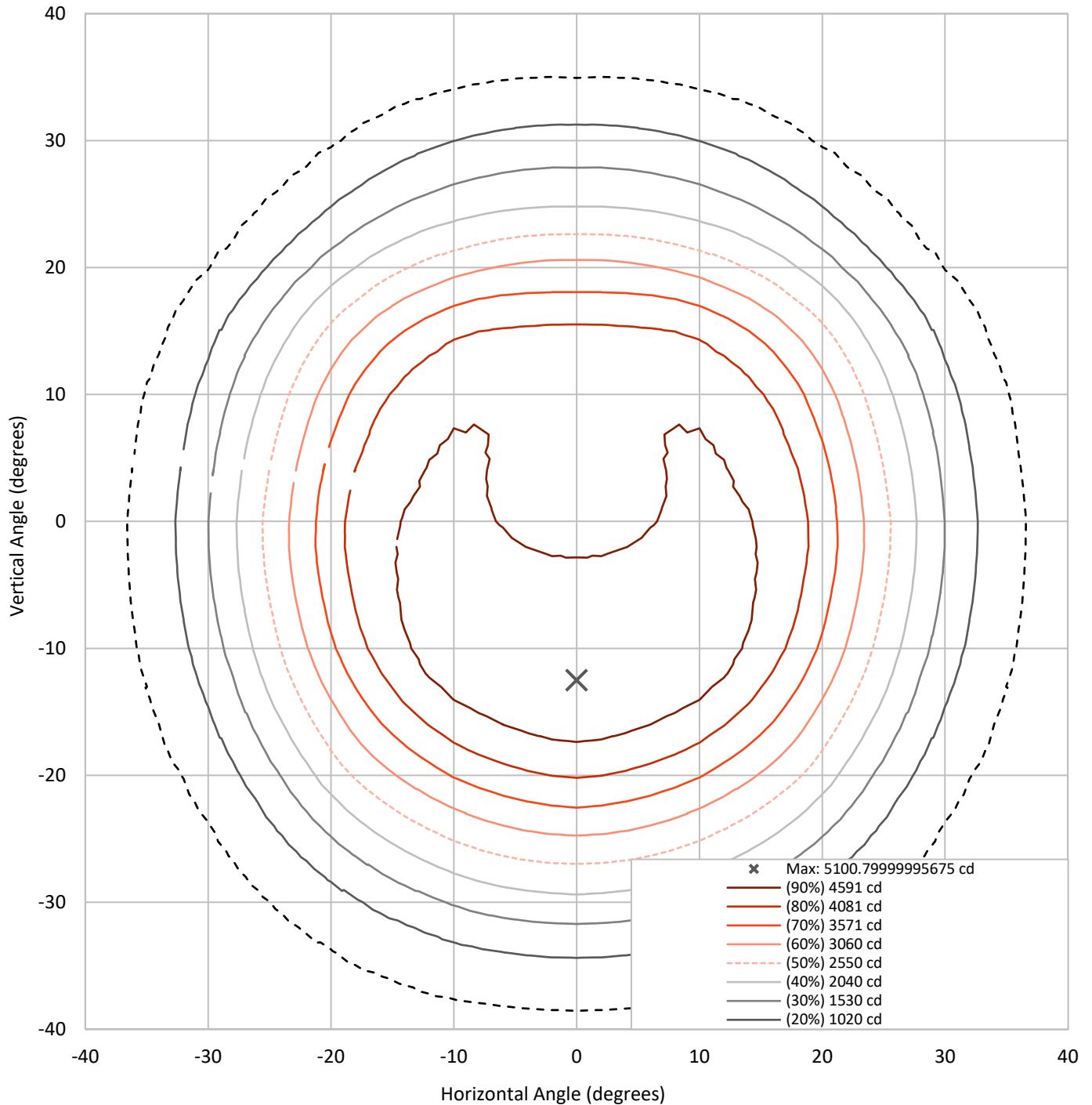
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 3281.7 lumens
Field Efficiency: 90.1%

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-727-U-MWR-VSR-XX

Iso-Candela Plot





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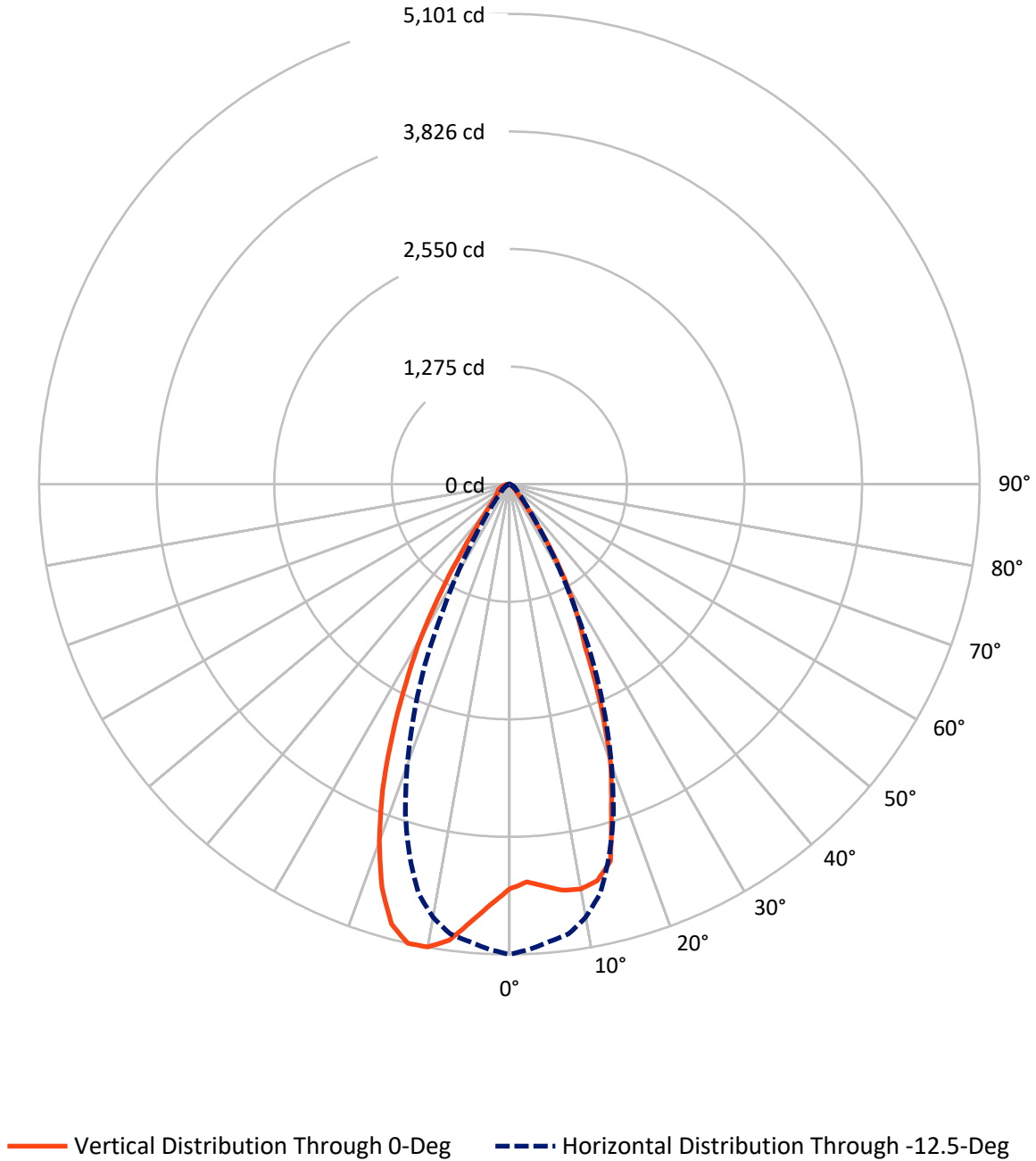
CATALOG NUMBER: GFLD-SA1B-727-U-MWR-VSR-XX

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	0.3	0.5	0.7	0.8	0.8	0.7	0.5	0.3	0.1	0.0		0.0			
40	0.0	0.0	0.1	0.5	1.0	1.7	2.5	3.1	3.1	2.5	1.7	1.0	0.5	0.1	0.0	0.0			
30		0.1	0.4	1.1	2.2	4.7	10.7	16.4	16.4	10.7	4.7	2.2	1.1	0.4	0.1				
20	0.0	0.1	0.7	1.7	4.6	16.9	43.6	60.9	60.9	43.6	16.9	4.6	1.7	0.7	0.1	0.0			
10		0.2	0.9	2.6	10.9	47.0	98.0	121.4	121.4	98.0	47.0	10.9	2.6	0.9	0.2				
0	0.1	0.3	1.2	3.4	17.3	69.2	126.4	137.1	137.1	126.4	69.2	17.3	3.4	1.2	0.3	0.1			
-10		0.4	1.3	3.6	18.1	71.5	131.0	145.5	145.5	131.0	71.5	18.1	3.6	1.3	0.4				
-20	0.1	0.4	1.3	3.3	13.0	53.2	110.5	141.1	141.1	110.5	53.2	13.0	3.3	1.3	0.4	0.1			
-30		0.4	1.3	2.7	7.2	25.8	61.6	86.6	86.6	61.6	25.8	7.2	2.7	1.3	0.4				
-40	0.1	0.3	1.1	2.3	4.3	9.2	19.2	28.5	28.5	19.2	9.2	4.3	2.3	1.1	0.3	0.1			
-50		0.3	0.9	1.9	3.2	4.7	6.6	7.8	7.8	6.6	4.7	3.2	1.9	0.9	0.3				
-60	0.1	0.2	0.7	1.5	2.5	3.4	4.3	4.7	4.7	4.3	3.4	2.5	1.5	0.7	0.2	0.1			
-70		0.1	0.4	1.0	1.7	2.5	3.1	3.5	3.5	3.1	2.5	1.7	1.0	0.4	0.1				
-80	0.0	0.4	1.8	3.9	5.0	3.9	1.8	0.4	0.0										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

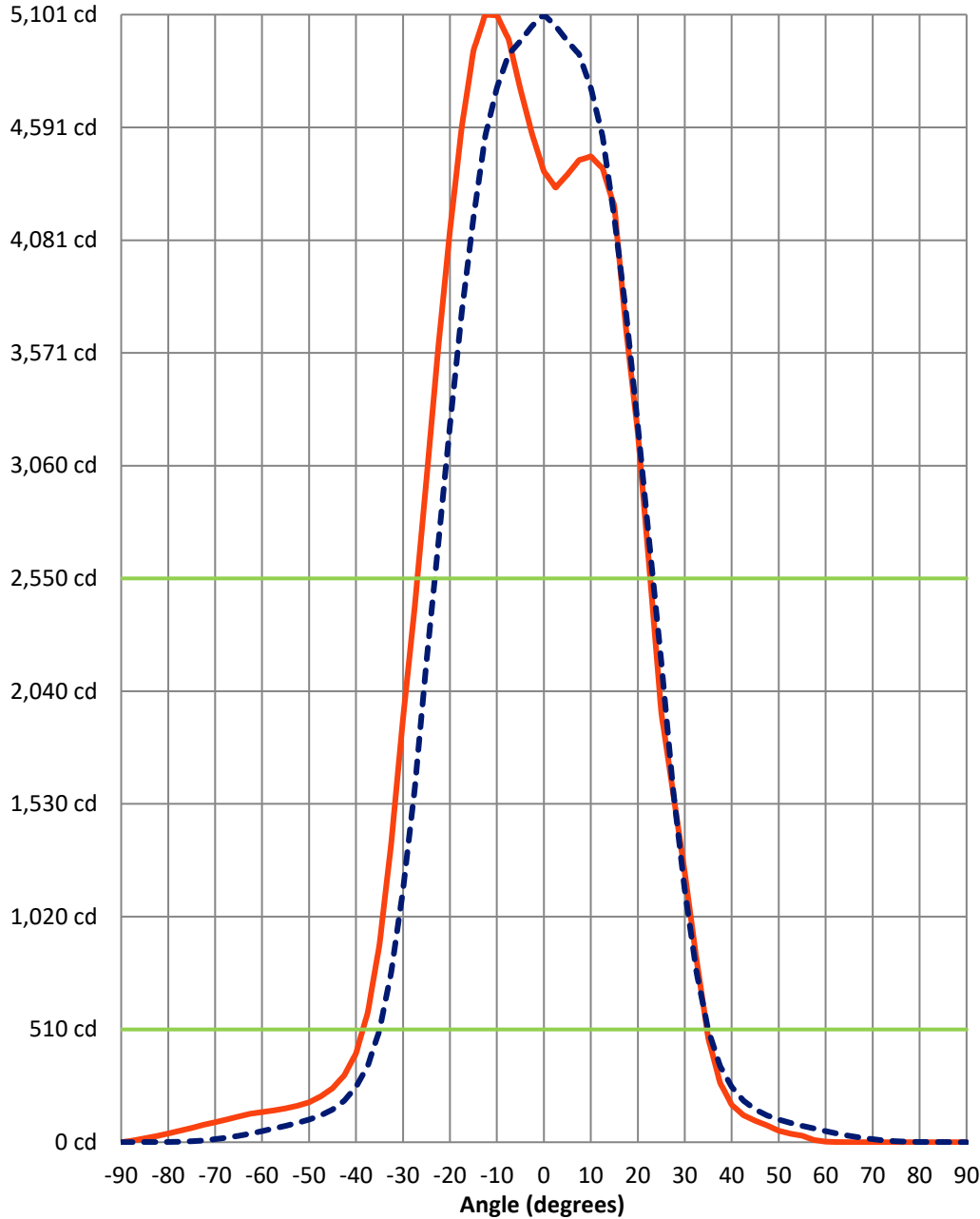
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 2438.6
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 3281.7
 Efficiency: 90.1%

Spill:
 Lumens: 359.2
 Efficiency: 9.9%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through -12.5-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	1
60°	0	0	0	0	1	0	0	0	1	1	1
57.5°	0	0	0	0	1	0	0	1	1	1	1
55°	0	0	0	1	1	0	0	1	1	1	1
52.5°	0	0	0	1	1	0	1	1	1	1	1
50°	0	0	0	1	1	1	1	1	1	1	1
47.5°	0	0	0	1	1	1	1	1	1	1	1
45°	0	0	0	1	1	1	1	1	1	1	1
42.5°	0	0	0	1	1	1	1	1	1	1	2
40°	0	0	0	1	1	1	1	1	1	2	2
37.5°	0	0	0	1	1	1	1	1	1	2	2
35°	0	0	1	1	1	1	1	1	2	2	3
32.5°	0	0	1	1	1	1	1	1	2	3	5
30°	0	0	1	1	1	1	1	1	2	4	7
27.5°	0	0	1	1	1	1	2	2	3	4	8
25°	0	0	1	1	1	1	2	2	3	6	10
22.5°	0	0	1	1	1	1	2	2	4	7	11
20°	0	0	1	1	1	1	2	2	5	8	13
17.5°	0	0	1	1	1	1	2	3	5	9	15
15°	0	0	1	1	1	2	2	3	6	10	17
12.5°	0	0	1	1	1	2	2	4	7	11	19
10°	0	0	1	1	1	2	2	4	7	12	20
7.5°	0	0	1	1	1	2	2	5	8	13	22
5°	0	0	1	1	1	2	2	6	8	15	23
2.5°	0	0	1	1	1	2	2	6	9	16	24
0°	0	0	1	1	1	2	2	7	9	18	24
-2.5°	0	0	1	1	1	2	3	7	10	18	26
-5°	0	0	1	1	1	2	3	7	11	19	27
-7.5°	0	0	1	1	1	2	4	7	12	20	28
-10°	0	0	1	1	1	2	4	7	13	20	28
-12.5°	0	0	1	1	1	2	4	8	14	20	29
-15°	0	0	1	1	1	2	5	8	14	21	29
-17.5°	0	0	1	1	1	2	5	8	14	21	29
-20°	0	0	1	1	1	2	5	8	14	21	29

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REPORT NUMBER: P626596 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-U-MWR-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	1	1	1	2	5	8	14	20	28
-25°	0	0	1	1	1	2	5	9	13	20	27
-27.5°	0	0	1	1	1	2	5	8	13	19	26
-30°	0	0	1	1	1	3	5	8	13	19	26
-32.5°	0	0	1	1	1	3	5	8	13	18	25
-35°	0	0	1	1	1	3	5	8	12	18	23
-37.5°	0	0	1	1	1	3	5	8	12	17	23
-40°	0	0	1	1	1	3	5	7	11	16	23
-42.5°	0	0	1	1	1	3	5	7	10	16	22
-45°	0	0	1	1	1	3	4	7	10	15	21
-47.5°	0	0	1	1	1	3	4	7	10	13	20
-50°	0	0	1	1	2	3	4	6	9	13	18
-52.5°	0	0	1	1	2	3	4	6	9	12	16
-55°	0	0	1	1	2	2	4	6	8	11	15
-57.5°	0	0	1	1	1	2	4	5	8	11	14
-60°	0	0	1	1	1	2	4	5	7	10	13
-62.5°	0	0	1	1	1	2	3	5	7	9	12
-65°	0	0	1	1	1	2	3	4	6	8	11
-67.5°	0	0	1	1	1	2	3	4	5	7	10
-70°	0	0	1	1	1	2	2	3	5	6	8
-72.5°	0	0	0	1	1	2	2	3	4	5	7
-75°	0	0	0	1	1	2	2	3	3	4	6
-77.5°	0	0	0	1	1	1	2	2	3	4	4
-80°	0	0	0	1	1	1	2	2	3	3	4
-82.5°	0	0	0	0	1	1	1	2	2	2	3
-85°	0	0	0	0	0	1	1	1	1	2	2
-87.5°	0	0	0	0	0	0	0	1	1	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626596 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-U-MWR-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	1	0	0	0	0	0	0	0	0	0
62.5°	1	1	0	0	0	1	0	0	0	0	0
60°	1	1	1	1	1	1	1	1	1	1	2
57.5°	1	1	1	1	1	1	1	1	3	5	6
55°	1	1	1	1	1	1	2	5	7	9	9
52.5°	1	1	1	2	2	3	6	9	11	12	15
50°	1	1	2	2	4	6	10	13	16	18	22
47.5°	1	2	3	4	7	10	14	18	22	25	30
45°	2	3	4	6	10	15	20	24	28	32	36
42.5°	2	4	6	9	15	20	26	29	33	38	43
40°	3	6	9	13	19	26	31	35	39	45	52
37.5°	5	8	12	18	25	31	36	41	47	54	62
35°	7	10	16	22	30	36	41	47	55	64	74
32.5°	9	12	19	27	34	41	47	55	64	74	86
30°	11	16	23	32	38	45	53	63	72	83	98
27.5°	13	19	27	35	42	49	60	69	79	93	111
25°	15	22	31	39	46	55	66	76	86	104	128
22.5°	17	25	34	42	49	60	73	85	99	116	146
20°	20	28	37	45	53	66	80	95	113	137	176
17.5°	23	31	40	49	58	72	88	105	128	158	215
15°	25	34	43	53	63	78	95	117	144	181	253
12.5°	27	36	46	56	68	83	102	126	158	211	301
10°	29	38	49	60	72	88	108	133	169	232	337
7.5°	31	40	51	63	76	92	112	139	178	249	365
5°	32	42	54	66	79	96	117	143	187	261	387
2.5°	33	45	55	68	80	98	120	147	195	271	405
0°	34	47	57	69	82	100	122	150	201	278	419
-2.5°	35	48	59	71	84	102	123	153	203	279	416
-5°	36	49	61	72	86	103	123	154	202	277	408
-7.5°	37	49	62	72	87	103	124	153	200	273	394
-10°	38	50	62	73	87	103	123	151	196	264	373
-12.5°	39	50	62	74	87	102	121	148	188	250	346
-15°	39	50	62	74	87	101	119	143	178	232	312
-17.5°	39	50	62	73	86	100	115	137	169	216	288
-20°	39	50	62	72	85	98	113	133	161	201	259

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CATALOG NUMBER: GFLD-SA1B-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	39	50	61	71	84	96	110	128	151	184	231
-25°	38	49	60	70	82	94	107	122	143	172	211
-27.5°	37	48	59	69	80	92	103	117	135	158	189
-30°	35	47	57	68	78	89	100	112	128	148	173
-32.5°	33	45	56	66	76	87	97	108	122	138	158
-35°	32	43	54	63	73	84	94	104	115	130	146
-37.5°	31	41	52	61	70	81	90	100	110	122	137
-40°	30	39	50	59	67	77	87	96	105	117	128
-42.5°	29	38	47	56	65	74	83	92	101	112	123
-45°	28	36	45	53	62	70	79	87	97	106	117
-47.5°	26	34	42	50	58	67	75	83	92	101	111
-50°	24	32	39	47	54	62	71	79	87	95	104
-52.5°	22	29	36	44	50	57	66	74	82	90	98
-55°	20	26	33	40	47	53	60	69	77	84	92
-57.5°	18	24	30	36	43	50	56	64	71	79	86
-60°	17	21	26	33	39	46	52	59	66	73	80
-62.5°	15	19	23	29	35	41	47	54	60	66	72
-65°	14	17	20	25	30	35	41	47	53	59	64
-67.5°	12	15	18	21	25	30	35	40	46	51	56
-70°	11	13	15	18	21	25	30	34	39	43	48
-72.5°	9	11	13	15	18	21	25	28	32	36	40
-75°	7	9	11	13	15	18	20	24	27	30	33
-77.5°	6	7	9	10	12	14	16	19	21	24	26
-80°	4	5	7	8	9	11	12	14	16	18	20
-82.5°	3	4	5	6	7	8	9	10	11	13	14
-85°	2	3	3	4	4	5	6	6	7	8	9
-87.5°	1	1	2	2	2	2	3	3	3	4	4
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626596 (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	0	0	0	0	0	0	1	1	1	1
60°	2	2	2	3	3	2	3	3	3	2	3
57.5°	6	6	7	8	9	10	11	12	12	13	13
55°	11	13	15	16	18	21	23	23	24	24	26
52.5°	17	20	21	23	26	29	30	32	34	36	38
50°	25	27	30	33	36	38	39	43	47	50	52
47.5°	33	36	40	46	49	51	55	59	64	69	73
45°	40	45	51	56	60	64	69	74	82	88	94
42.5°	48	54	60	66	70	77	85	92	102	111	117
40°	58	64	72	79	88	97	111	124	138	153	164
37.5°	70	78	90	102	115	128	154	179	201	230	247
35°	84	97	114	131	152	184	221	271	323	366	408
32.5°	100	117	140	171	206	258	314	405	495	584	672
30°	116	141	176	219	276	359	463	605	759	893	1015
27.5°	137	173	219	282	380	501	693	890	1086	1261	1387
25°	162	210	276	380	522	722	980	1222	1451	1623	1767
22.5°	199	271	364	497	754	1032	1341	1645	1903	2119	2262
20°	245	342	497	739	1041	1389	1786	2106	2424	2667	2884
17.5°	309	465	683	990	1352	1815	2224	2581	2985	3233	3455
15°	368	567	879	1270	1694	2185	2668	3105	3494	3767	4015
12.5°	441	676	1035	1494	1958	2505	3007	3474	3856	4137	4310
10°	507	787	1190	1671	2190	2761	3281	3768	4138	4355	4482
7.5°	560	880	1316	1822	2370	2945	3494	3977	4331	4513	4600
5°	601	949	1414	1946	2515	3103	3664	4137	4435	4585	4634
2.5°	632	997	1481	2027	2612	3220	3793	4259	4513	4621	4637
0°	653	1030	1524	2078	2696	3262	3862	4335	4577	4664	4673
-2.5°	648	1018	1522	2060	2687	3281	3873	4340	4599	4716	4735
-5°	635	990	1471	2007	2610	3205	3770	4264	4581	4758	4836
-7.5°	610	940	1385	1906	2486	3082	3658	4170	4535	4784	4937
-10°	566	868	1275	1779	2351	2918	3488	4019	4412	4711	4924
-12.5°	507	770	1140	1598	2173	2703	3242	3751	4181	4549	4769
-15°	446	667	1000	1420	1920	2441	2940	3439	3863	4208	4483
-17.5°	402	578	838	1205	1645	2139	2626	3084	3467	3791	4079
-20°	347	478	684	992	1379	1812	2278	2686	3028	3331	3607

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626596 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	304	409	558	769	1116	1497	1879	2255	2576	2846	3081
-25°	264	338	454	625	851	1181	1502	1819	2116	2367	2579
-27.5°	233	291	369	491	662	855	1136	1401	1656	1886	2086
-30°	204	248	309	385	502	645	814	1012	1215	1397	1578
-32.5°	184	215	257	313	379	481	583	717	845	978	1108
-35°	165	191	219	257	302	361	429	510	579	666	746
-37.5°	153	171	192	216	248	282	327	377	419	468	508
-40°	142	156	171	187	209	232	261	289	316	345	367
-42.5°	134	145	155	168	181	199	219	236	253	270	284
-45°	127	135	144	153	163	176	190	203	214	224	231
-47.5°	119	127	134	142	150	160	169	177	186	194	199
-50°	112	120	126	133	140	148	155	162	168	173	177
-52.5°	105	113	119	125	132	138	144	150	155	160	162
-55°	100	107	114	119	124	129	135	140	145	150	152
-57.5°	94	101	108	112	117	122	127	132	137	142	143
-60°	87	95	100	105	110	115	120	124	129	133	134
-62.5°	79	86	91	96	100	104	109	114	119	123	125
-65°	69	75	80	85	89	93	98	103	107	110	113
-67.5°	61	66	70	74	78	82	87	91	95	98	100
-70°	53	57	61	65	68	72	76	79	83	85	87
-72.5°	44	48	51	55	58	61	65	68	71	73	75
-75°	37	40	43	46	48	51	53	56	58	60	62
-77.5°	29	31	34	36	39	41	43	45	46	48	50
-80°	22	24	26	28	30	31	33	34	35	37	38
-82.5°	16	17	18	20	21	22	23	24	25	26	27
-85°	10	11	11	12	13	13	14	15	15	16	16
-87.5°	5	5	5	6	6	6	7	7	7	8	8
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626596 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-727-U-MWR-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	2	2	3	2	2	3	3	2	3	3
57.5°	13	12	11	10	11	12	13	13	13	12	12
55°	27	29	30	29	30	29	27	26	24	24	23
52.5°	39	40	39	39	39	40	39	38	36	34	32
50°	53	53	53	52	53	53	53	52	50	47	43
47.5°	75	76	76	76	76	76	75	73	69	64	59
45°	96	97	97	97	97	97	96	94	88	82	74
42.5°	120	122	123	122	123	122	120	117	111	102	92
40°	170	173	172	169	172	173	170	164	153	138	124
37.5°	258	267	270	270	270	267	258	247	230	201	179
35°	445	475	489	472	489	475	445	408	366	323	271
32.5°	744	796	826	826	826	796	744	672	584	495	405
30°	1107	1173	1211	1219	1211	1173	1107	1015	893	759	605
27.5°	1484	1553	1588	1583	1588	1553	1484	1387	1261	1086	890
25°	1863	1915	1944	1945	1944	1915	1863	1767	1623	1451	1222
22.5°	2422	2531	2576	2588	2576	2531	2422	2262	2119	1903	1645
20°	3031	3137	3205	3209	3205	3137	3031	2884	2667	2424	2106
17.5°	3612	3664	3674	3678	3674	3664	3612	3455	3233	2985	2581
15°	4159	4177	4226	4232	4226	4177	4159	4015	3767	3494	3105
12.5°	4419	4436	4427	4405	4427	4436	4419	4310	4137	3856	3474
10°	4561	4537	4502	4459	4502	4537	4561	4482	4355	4138	3768
7.5°	4593	4566	4504	4443	4504	4566	4593	4600	4513	4331	3977
5°	4608	4531	4452	4377	4452	4531	4608	4634	4585	4435	4137
2.5°	4599	4507	4399	4319	4399	4507	4599	4637	4621	4513	4259
0°	4628	4535	4422	4392	4422	4535	4628	4673	4664	4577	4335
-2.5°	4710	4635	4576	4560	4576	4635	4710	4735	4716	4599	4340
-5°	4857	4840	4740	4764	4740	4840	4857	4836	4758	4581	4264
-7.5°	4999	4975	4933	4988	4933	4975	4999	4937	4784	4535	4170
-10°	5037	5029	5049	5097	5049	5029	5037	4924	4711	4412	4019
-12.5°	4921	4982	5050	5101	5050	4982	4921	4769	4549	4181	3751
-15°	4663	4787	4889	4937	4889	4787	4663	4483	4208	3863	3439
-17.5°	4283	4435	4555	4590	4555	4435	4283	4079	3791	3467	3084
-20°	3815	3970	4079	4123	4079	3970	3815	3607	3331	3028	2686

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REPORT NUMBER: P626596 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3288	3439	3539	3591	3539	3439	3288	3081	2846	2576	2255
-25°	2754	2887	2975	2998	2975	2887	2754	2579	2367	2116	1819
-27.5°	2243	2350	2415	2422	2415	2350	2243	2086	1886	1656	1401
-30°	1729	1828	1885	1914	1885	1828	1729	1578	1397	1215	1012
-32.5°	1214	1293	1341	1353	1341	1293	1214	1108	978	845	717
-35°	810	859	889	895	889	859	810	746	666	579	510
-37.5°	541	565	580	587	580	565	541	508	468	419	377
-40°	383	395	401	402	401	395	383	367	345	316	289
-42.5°	293	299	302	303	302	299	293	284	270	253	236
-45°	237	241	243	244	243	241	237	231	224	214	203
-47.5°	203	205	207	207	207	205	203	199	194	186	177
-50°	179	180	181	181	181	180	179	177	173	168	162
-52.5°	164	165	165	165	165	165	164	162	160	155	150
-55°	153	153	153	153	153	153	153	152	150	145	140
-57.5°	144	145	145	144	145	145	144	143	142	137	132
-60°	136	137	137	136	137	137	136	134	133	129	124
-62.5°	127	129	129	129	129	129	127	125	123	119	114
-65°	115	117	117	116	117	117	115	113	110	107	103
-67.5°	102	103	103	103	103	103	102	100	98	95	91
-70°	89	91	91	90	91	91	89	87	85	83	79
-72.5°	77	78	79	79	79	78	77	75	73	71	68
-75°	63	65	65	64	65	65	63	62	60	58	56
-77.5°	51	52	52	52	52	52	51	50	48	46	45
-80°	39	40	40	39	40	40	39	38	37	35	34
-82.5°	27	28	28	28	28	28	27	27	26	25	24
-85°	17	18	18	18	18	18	17	16	16	15	15
-87.5°	8	8	8	8	8	8	8	8	8	7	7
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626596 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-727-U-MWR-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°	0	0	0	0	0	0	0	0	0	0	0
60°	3	2	3	3	2	2	2	2	1	1	1
57.5°	11	10	9	8	7	6	6	6	5	3	1
55°	23	21	18	16	15	13	11	9	9	7	5
52.5°	30	29	26	23	21	20	17	15	12	11	9
50°	39	38	36	33	30	27	25	22	18	16	13
47.5°	55	51	49	46	40	36	33	30	25	22	18
45°	69	64	60	56	51	45	40	36	32	28	24
42.5°	85	77	70	66	60	54	48	43	38	33	29
40°	111	97	88	79	72	64	58	52	45	39	35
37.5°	154	128	115	102	90	78	70	62	54	47	41
35°	221	184	152	131	114	97	84	74	64	55	47
32.5°	314	258	206	171	140	117	100	86	74	64	55
30°	463	359	276	219	176	141	116	98	83	72	63
27.5°	693	501	380	282	219	173	137	111	93	79	69
25°	980	722	522	380	276	210	162	128	104	86	76
22.5°	1341	1032	754	497	364	271	199	146	116	99	85
20°	1786	1389	1041	739	497	342	245	176	137	113	95
17.5°	2224	1815	1352	990	683	465	309	215	158	128	105
15°	2668	2185	1694	1270	879	567	368	253	181	144	117
12.5°	3007	2505	1958	1494	1035	676	441	301	211	158	126
10°	3281	2761	2190	1671	1190	787	507	337	232	169	133
7.5°	3494	2945	2370	1822	1316	880	560	365	249	178	139
5°	3664	3103	2515	1946	1414	949	601	387	261	187	143
2.5°	3793	3220	2612	2027	1481	997	632	405	271	195	147
0°	3862	3262	2696	2078	1524	1030	653	419	278	201	150
-2.5°	3873	3281	2687	2060	1522	1018	648	416	279	203	153
-5°	3770	3205	2610	2007	1471	990	635	408	277	202	154
-7.5°	3658	3082	2486	1906	1385	940	610	394	273	200	153
-10°	3488	2918	2351	1779	1275	868	566	373	264	196	151
-12.5°	3242	2703	2173	1598	1140	770	507	346	250	188	148
-15°	2940	2441	1920	1420	1000	667	446	312	232	178	143
-17.5°	2626	2139	1645	1205	838	578	402	288	216	169	137
-20°	2278	1812	1379	992	684	478	347	259	201	161	133

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REPORT NUMBER: P626596 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1879	1497	1116	769	558	409	304	231	184	151	128
-25°	1502	1181	851	625	454	338	264	211	172	143	122
-27.5°	1136	855	662	491	369	291	233	189	158	135	117
-30°	814	645	502	385	309	248	204	173	148	128	112
-32.5°	583	481	379	313	257	215	184	158	138	122	108
-35°	429	361	302	257	219	191	165	146	130	115	104
-37.5°	327	282	248	216	192	171	153	137	122	110	100
-40°	261	232	209	187	171	156	142	128	117	105	96
-42.5°	219	199	181	168	155	145	134	123	112	101	92
-45°	190	176	163	153	144	135	127	117	106	97	87
-47.5°	169	160	150	142	134	127	119	111	101	92	83
-50°	155	148	140	133	126	120	112	104	95	87	79
-52.5°	144	138	132	125	119	113	105	98	90	82	74
-55°	135	129	124	119	114	107	100	92	84	77	69
-57.5°	127	122	117	112	108	101	94	86	79	71	64
-60°	120	115	110	105	100	95	87	80	73	66	59
-62.5°	109	104	100	96	91	86	79	72	66	60	54
-65°	98	93	89	85	80	75	69	64	59	53	47
-67.5°	87	82	78	74	70	66	61	56	51	46	40
-70°	76	72	68	65	61	57	53	48	43	39	34
-72.5°	65	61	58	55	51	48	44	40	36	32	28
-75°	53	51	48	46	43	40	37	33	30	27	24
-77.5°	43	41	39	36	34	31	29	26	24	21	19
-80°	33	31	30	28	26	24	22	20	18	16	14
-82.5°	23	22	21	20	18	17	16	14	13	11	10
-85°	14	13	13	12	11	11	10	9	8	7	6
-87.5°	7	6	6	6	5	5	5	4	4	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626596 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-U-MWR-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	1	0	0	0	0	0
62.5°	0	1	0	0	0	1	1	1	0	0	0
60°	1	1	1	1	1	1	1	1	1	1	0
57.5°	1	1	1	1	1	1	1	1	1	1	1
55°	2	1	1	1	1	1	1	1	1	1	1
52.5°	6	3	2	2	1	1	1	1	1	1	1
50°	10	6	4	2	2	1	1	1	1	1	1
47.5°	14	10	7	4	3	2	1	1	1	1	1
45°	20	15	10	6	4	3	2	1	1	1	1
42.5°	26	20	15	9	6	4	2	2	1	1	1
40°	31	26	19	13	9	6	3	2	2	1	1
37.5°	36	31	25	18	12	8	5	2	2	1	1
35°	41	36	30	22	16	10	7	3	2	2	1
32.5°	47	41	34	27	19	12	9	5	3	2	1
30°	53	45	38	32	23	16	11	7	4	2	1
27.5°	60	49	42	35	27	19	13	8	4	3	2
25°	66	55	46	39	31	22	15	10	6	3	2
22.5°	73	60	49	42	34	25	17	11	7	4	2
20°	80	66	53	45	37	28	20	13	8	5	2
17.5°	88	72	58	49	40	31	23	15	9	5	3
15°	95	78	63	53	43	34	25	17	10	6	3
12.5°	102	83	68	56	46	36	27	19	11	7	4
10°	108	88	72	60	49	38	29	20	12	7	4
7.5°	112	92	76	63	51	40	31	22	13	8	5
5°	117	96	79	66	54	42	32	23	15	8	6
2.5°	120	98	80	68	55	45	33	24	16	9	6
0°	122	100	82	69	57	47	34	24	18	9	7
-2.5°	123	102	84	71	59	48	35	26	18	10	7
-5°	123	103	86	72	61	49	36	27	19	11	7
-7.5°	124	103	87	72	62	49	37	28	20	12	7
-10°	123	103	87	73	62	50	38	28	20	13	7
-12.5°	121	102	87	74	62	50	39	29	20	14	8
-15°	119	101	87	74	62	50	39	29	21	14	8
-17.5°	115	100	86	73	62	50	39	29	21	14	8
-20°	113	98	85	72	62	50	39	29	21	14	8

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REPORT NUMBER: P626596 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	110	96	84	71	61	50	39	28	20	14	8
-25°	107	94	82	70	60	49	38	27	20	13	9
-27.5°	103	92	80	69	59	48	37	26	19	13	8
-30°	100	89	78	68	57	47	35	26	19	13	8
-32.5°	97	87	76	66	56	45	33	25	18	13	8
-35°	94	84	73	63	54	43	32	23	18	12	8
-37.5°	90	81	70	61	52	41	31	23	17	12	8
-40°	87	77	67	59	50	39	30	23	16	11	7
-42.5°	83	74	65	56	47	38	29	22	16	10	7
-45°	79	70	62	53	45	36	28	21	15	10	7
-47.5°	75	67	58	50	42	34	26	20	13	10	7
-50°	71	62	54	47	39	32	24	18	13	9	6
-52.5°	66	57	50	44	36	29	22	16	12	9	6
-55°	60	53	47	40	33	26	20	15	11	8	6
-57.5°	56	50	43	36	30	24	18	14	11	8	5
-60°	52	46	39	33	26	21	17	13	10	7	5
-62.5°	47	41	35	29	23	19	15	12	9	7	5
-65°	41	35	30	25	20	17	14	11	8	6	4
-67.5°	35	30	25	21	18	15	12	10	7	5	4
-70°	30	25	21	18	15	13	11	8	6	5	3
-72.5°	25	21	18	15	13	11	9	7	5	4	3
-75°	20	18	15	13	11	9	7	6	4	3	3
-77.5°	16	14	12	10	9	7	6	4	4	3	2
-80°	12	11	9	8	7	5	4	4	3	3	2
-82.5°	9	8	7	6	5	4	3	3	2	2	2
-85°	6	5	4	4	3	3	2	2	2	1	1
-87.5°	3	2	2	2	2	1	1	1	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: P626596 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-727-U-MWR-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	1	0	0	0	0
57.5°	0	0	1	0	0	0	0
55°	0	0	1	1	0	0	0
52.5°	1	0	1	1	0	0	0
50°	1	1	1	1	0	0	0
47.5°	1	1	1	1	0	0	0
45°	1	1	1	1	0	0	0
42.5°	1	1	1	1	0	0	0
40°	1	1	1	1	0	0	0
37.5°	1	1	1	1	0	0	0
35°	1	1	1	1	1	0	0
32.5°	1	1	1	1	1	0	0
30°	1	1	1	1	1	0	0
27.5°	2	1	1	1	1	0	0
25°	2	1	1	1	1	0	0
22.5°	2	1	1	1	1	0	0
20°	2	1	1	1	1	0	0
17.5°	2	1	1	1	1	0	0
15°	2	2	1	1	1	0	0
12.5°	2	2	1	1	1	0	0
10°	2	2	1	1	1	0	0
7.5°	2	2	1	1	1	0	0
5°	2	2	1	1	1	0	0
2.5°	2	2	1	1	1	0	0
0°	2	2	1	1	1	0	0
-2.5°	3	2	1	1	1	0	0
-5°	3	2	1	1	1	0	0
-7.5°	4	2	1	1	1	0	0
-10°	4	2	1	1	1	0	0
-12.5°	4	2	1	1	1	0	0
-15°	5	2	1	1	1	0	0
-17.5°	5	2	1	1	1	0	0
-20°	5	2	1	1	1	0	0

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CATALOG NUMBER: GFLD-SA1B-727-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

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