

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: P626706 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626706 (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-SA1D-722-U-MWR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

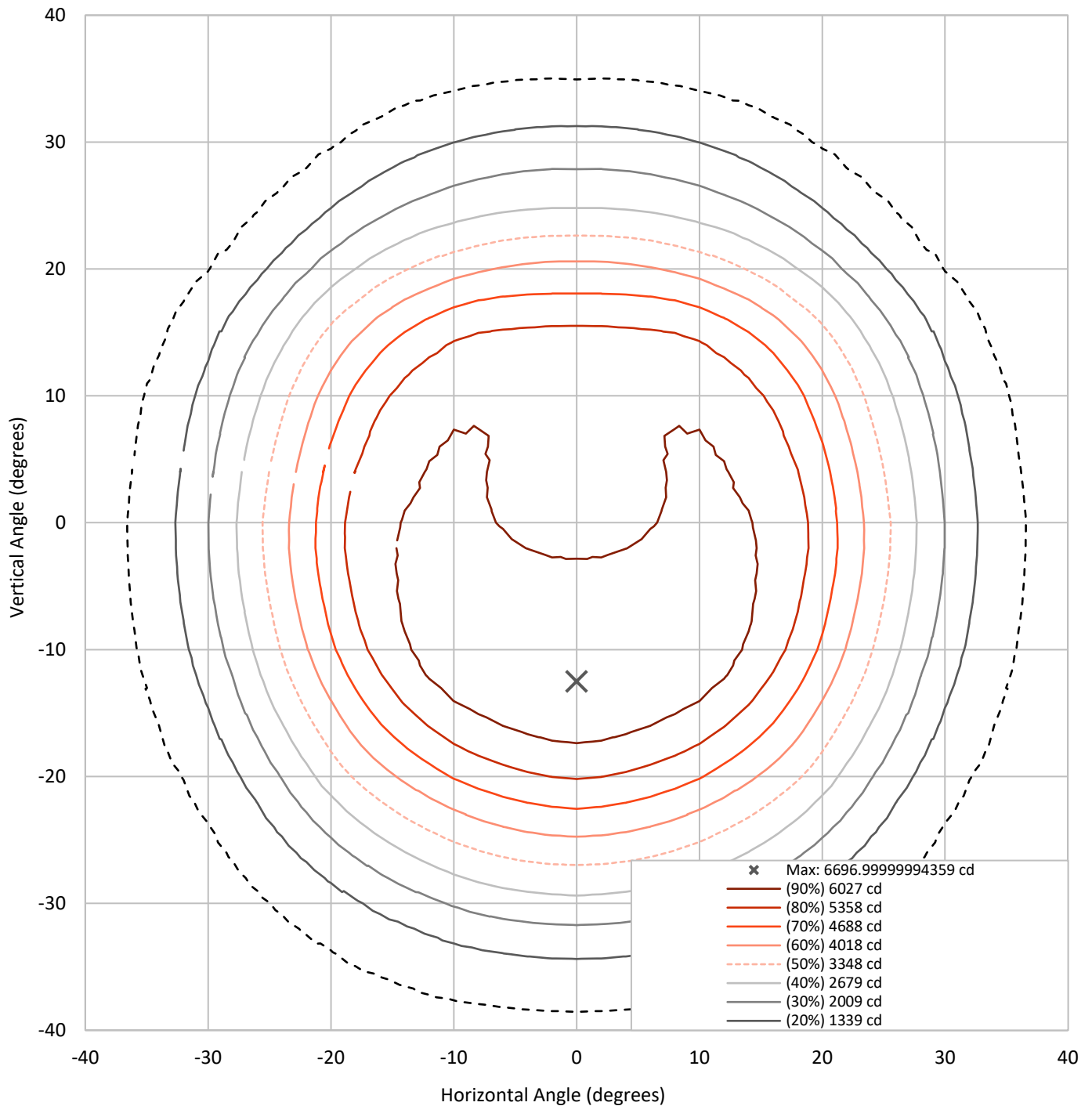
Lumens per Lamp:	N/A	NEMA Type:	4H x 5V
Luminaire Lumens:	4780.2 lumens	Max Intensity:	6697 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -12.5°V
Efficacy:	83.4 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	46.4°H x 49.6°V	Field Angle (10%):	69.9°H x 73.3°V
Beam Lumens:	3201.8 lumens	Field Lumens:	4308.6 lumens
Beam Efficiency:	67.0%	Field Efficiency:	90.1%
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: P626706 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Iso-Candela Plot





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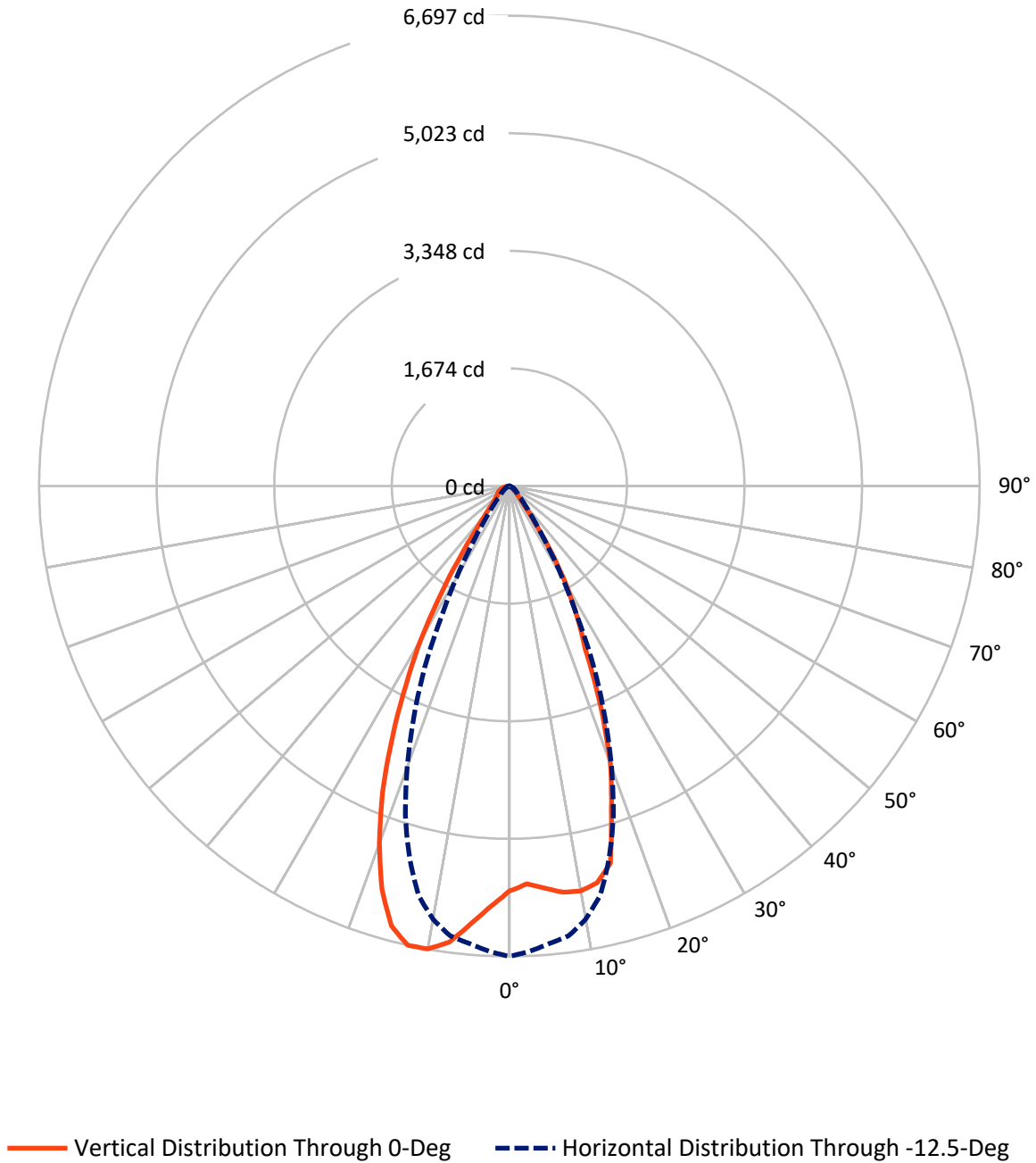
CATALOG NUMBER: GFLD-SA1D-722-U-MWR-VSR-XX

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	0.2	0.4	0.7	0.9	1.1	1.1	0.9	0.7	0.4	0.2	0.0		0.0			
40	0.0	0.0	0.2	0.7	1.3	2.2	3.3	4.0	4.0	3.3	2.2	1.3	0.7	0.2	0.0	0.0			
30		0.1	0.5	1.4	2.9	6.2	14.1	21.5	21.5	14.1	6.2	2.9	1.4	0.5	0.1				
20	0.1	0.2	0.9	2.2	6.0	22.2	57.2	80.0	80.0	57.2	22.2	6.0	2.2	0.9	0.2	0.1			
10		0.3	1.2	3.5	14.3	61.7	128.7	159.4	159.4	128.7	61.7	14.3	3.5	1.2	0.3				
0	0.1	0.4	1.5	4.5	22.7	90.9	166.0	179.9	179.9	166.0	90.9	22.7	4.5	1.5	0.4	0.1			
-10		0.5	1.7	4.8	23.8	93.9	172.0	191.0	191.0	172.0	93.9	23.8	4.8	1.7	0.5				
-20	0.1	0.5	1.7	4.3	17.0	69.9	145.1	185.2	185.2	145.1	69.9	17.0	4.3	1.7	0.5	0.1			
-30		0.5	1.6	3.6	9.5	33.9	80.8	113.7	113.7	80.8	33.9	9.5	3.6	1.6	0.5				
-40	0.1	0.4	1.5	3.0	5.7	12.1	25.3	37.5	37.5	25.3	12.1	5.7	3.0	1.5	0.4	0.1			
-50		0.4	1.2	2.5	4.1	6.1	8.6	10.2	10.2	8.6	6.1	4.1	2.5	1.2	0.4				
-60	0.1	0.3	0.9	2.0	3.3	4.5	5.6	6.2	6.2	5.6	4.5	3.3	2.0	0.9	0.3	0.1			
-70		0.2	0.6	1.3	2.3	3.2	4.1	4.6	4.6	4.1	3.2	2.3	1.3	0.6	0.2				
-80	0.0	0.5	2.4	5.1	6.6	5.1	2.4	0.5	0.0										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

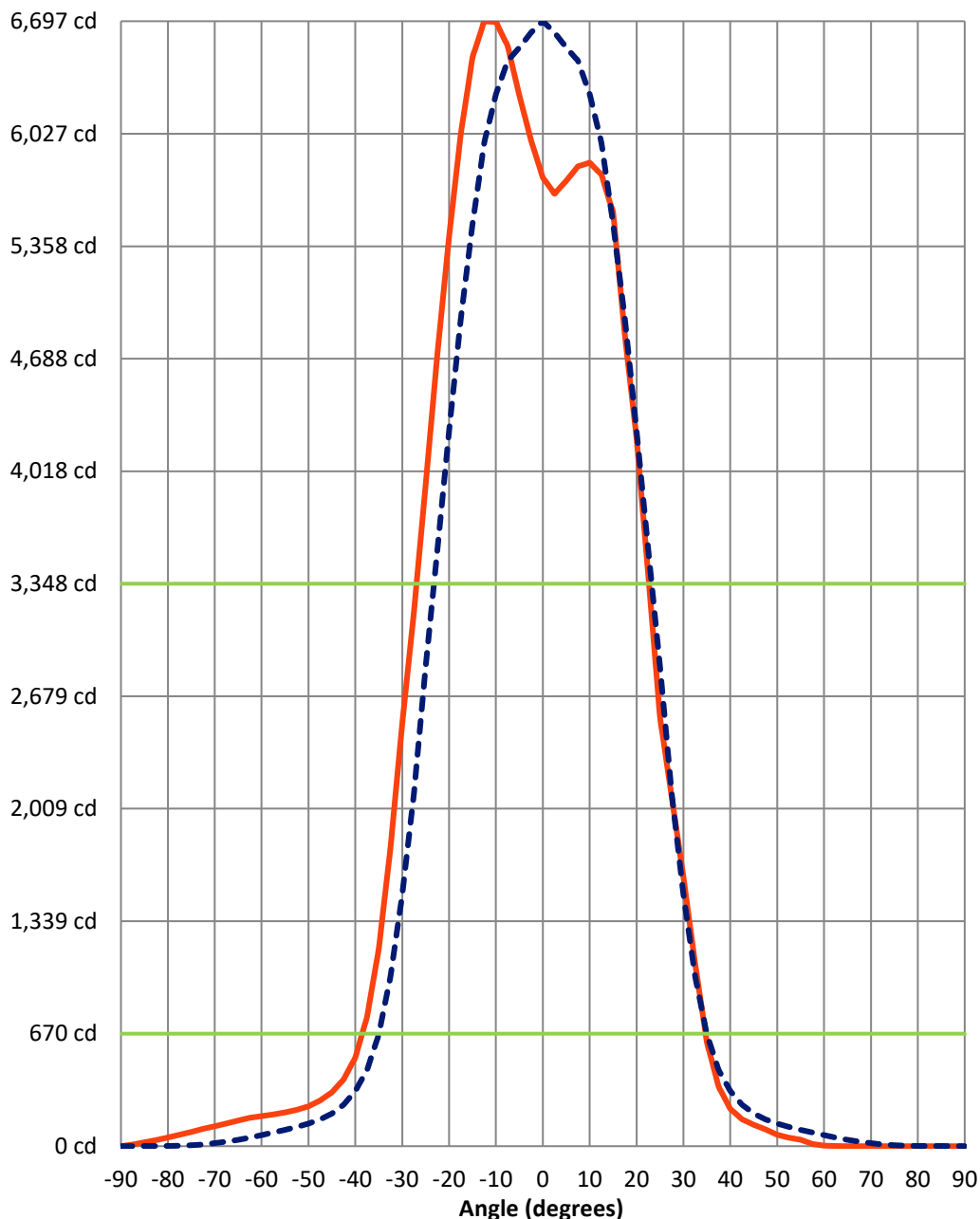
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 3201.8
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 4308.6
 Efficiency: 90.1%

Spill:
 Lumens: 471.6
 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	1	0	0	0	0	1	1
60°	0	0	0	0	1	0	0	0	1	1	1
57.5°	0	0	0	1	1	0	0	1	1	1	1
55°	0	0	0	1	1	1	1	1	1	1	1
52.5°	0	0	0	1	1	1	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	2
45°	0	0	0	1	1	1	1	1	1	1	2
42.5°	0	0	1	1	1	1	1	1	1	2	2
40°	0	0	1	1	1	1	1	1	1	2	3
37.5°	0	0	1	1	1	1	2	2	2	2	3
35°	0	0	1	1	1	1	2	2	2	3	4
32.5°	0	0	1	1	1	1	2	2	3	4	7
30°	0	0	1	1	1	1	2	2	3	5	9
27.5°	0	0	1	1	1	2	2	2	4	6	11
25°	0	0	1	1	1	2	2	3	4	7	13
22.5°	0	0	1	1	1	2	2	3	5	9	15
20°	0	0	1	1	1	2	2	3	6	11	17
17.5°	0	0	1	1	1	2	2	4	7	12	20
15°	0	0	1	1	1	2	2	4	8	13	22
12.5°	0	0	1	1	1	2	3	5	9	14	24
10°	0	0	1	1	1	2	3	6	10	16	27
7.5°	0	0	1	1	1	2	3	6	11	18	28
5°	0	0	1	1	1	2	3	7	11	20	30
2.5°	0	0	1	1	1	2	3	8	12	21	31
0°	0	0	1	1	1	2	3	9	12	23	32
-2.5°	0	0	1	1	1	2	4	9	14	24	34
-5°	0	0	1	1	1	2	4	9	15	25	35
-7.5°	0	0	1	1	1	3	5	10	16	26	36
-10°	0	0	1	1	1	3	5	10	17	26	37
-12.5°	0	0	1	1	2	3	6	10	18	27	38
-15°	0	0	1	1	2	3	6	10	18	27	38
-17.5°	0	0	1	1	2	3	6	10	18	27	38
-20°	0	0	1	1	2	3	6	11	18	27	38

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REPORT NUMBER: P626706 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-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	2	3	6	11	18	27	37
-25°	0	0	1	1	2	3	6	11	17	26	35
-27.5°	0	0	1	1	2	3	6	11	17	25	35
-30°	0	0	1	1	2	3	6	11	17	25	34
-32.5°	0	0	1	1	2	3	6	11	17	24	32
-35°	0	0	1	1	2	4	6	10	16	23	31
-37.5°	0	0	1	1	2	4	6	10	15	23	30
-40°	0	0	1	1	2	4	6	10	15	22	30
-42.5°	0	0	1	1	2	4	6	9	14	21	29
-45°	0	0	1	1	2	4	6	9	13	19	27
-47.5°	0	0	1	1	2	4	6	9	13	18	26
-50°	0	0	1	1	2	3	6	8	12	17	24
-52.5°	0	0	1	1	2	3	5	8	11	16	22
-55°	0	0	1	1	2	3	5	7	11	15	20
-57.5°	0	0	1	1	2	3	5	7	10	14	19
-60°	0	0	1	1	2	3	5	7	9	13	17
-62.5°	0	0	1	1	2	3	4	6	9	12	16
-65°	0	0	1	1	2	3	4	6	8	11	14
-67.5°	0	0	1	1	2	2	4	5	7	10	13
-70°	0	0	1	1	2	2	3	5	6	8	11
-72.5°	0	0	1	1	2	2	3	4	5	7	9
-75°	0	0	1	1	2	2	3	3	4	6	8
-77.5°	0	0	0	1	1	2	2	3	4	5	6
-80°	0	0	0	1	1	2	2	3	3	4	5
-82.5°	0	0	0	1	1	1	2	2	3	3	4
-85°	0	0	0	0	1	1	1	1	2	2	3
-87.5°	0	0	0	0	0	0	1	1	1	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626706 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-722-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°	1	1	1	0	0	0	0	0	0	0	0
62.5°	1	1	1	0	1	1	1	0	0	0	0
60°	1	1	1	1	1	1	1	1	1	1	3
57.5°	1	1	1	1	1	1	1	2	4	7	7
55°	1	1	1	1	2	2	3	6	9	11	12
52.5°	1	1	2	2	3	4	8	11	14	16	19
50°	1	2	2	3	5	9	13	17	21	24	28
47.5°	2	2	3	5	9	14	19	24	28	33	39
45°	2	4	5	9	14	20	26	32	36	42	47
42.5°	3	5	8	12	19	27	34	38	43	50	57
40°	5	8	12	18	25	34	40	45	51	60	68
37.5°	7	11	15	23	33	41	47	53	61	71	82
35°	9	13	20	29	40	47	54	62	73	84	97
32.5°	12	16	25	36	45	54	61	73	84	97	114
30°	14	20	30	41	50	59	70	83	94	110	129
27.5°	17	25	35	46	56	65	79	91	104	122	145
25°	20	29	40	51	60	72	87	100	114	136	168
22.5°	23	33	45	55	65	79	96	112	129	152	191
20°	27	37	49	60	69	86	105	125	149	180	231
17.5°	30	41	53	64	76	94	115	138	168	207	282
15°	33	44	57	69	83	102	125	153	189	238	332
12.5°	36	47	60	74	89	109	134	165	207	277	395
10°	38	50	64	79	95	116	141	174	222	305	442
7.5°	40	52	67	83	100	121	148	182	234	327	479
5°	42	56	70	86	103	125	153	188	245	343	508
2.5°	44	59	73	89	106	129	157	194	255	356	532
0°	45	61	75	91	108	132	160	198	263	366	550
-2.5°	47	63	77	93	111	134	162	201	266	367	546
-5°	48	64	79	94	113	135	162	202	266	364	535
-7.5°	49	64	81	95	114	135	162	201	263	358	517
-10°	50	65	82	96	115	135	161	199	257	346	489
-12.5°	51	66	82	97	115	134	159	194	247	328	454
-15°	51	66	82	97	114	133	156	188	234	305	410
-17.5°	52	66	81	96	113	131	151	181	222	284	379
-20°	52	66	81	94	112	129	148	175	212	264	341

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CATALOG NUMBER: GFLD-SA1D-722-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°	51	66	80	93	110	126	145	168	199	242	304
-25°	50	65	79	92	107	124	140	160	187	225	277
-27.5°	48	63	77	91	105	120	136	154	178	207	248
-30°	46	62	75	89	102	117	132	147	168	194	227
-32.5°	44	60	73	86	100	114	128	142	160	181	207
-35°	42	57	71	83	96	110	123	137	151	170	192
-37.5°	41	54	68	80	92	106	119	131	145	160	180
-40°	40	51	65	77	88	101	114	126	138	153	169
-42.5°	38	49	62	74	85	97	109	120	133	146	161
-45°	36	47	59	70	81	92	104	115	127	140	153
-47.5°	34	44	56	66	77	88	99	110	120	132	145
-50°	32	41	52	61	71	82	93	104	115	125	136
-52.5°	29	38	48	57	66	75	86	98	108	118	128
-55°	27	34	43	53	61	70	79	91	101	111	121
-57.5°	24	31	39	48	57	65	74	84	94	103	113
-60°	22	28	35	43	52	60	68	77	87	96	105
-62.5°	20	25	31	37	45	54	62	70	79	87	95
-65°	18	22	27	33	39	46	54	62	70	77	84
-67.5°	16	20	23	28	33	39	46	53	60	67	74
-70°	14	17	20	24	28	33	39	45	51	57	63
-72.5°	12	14	17	20	24	28	32	37	42	48	53
-75°	9	12	14	17	20	23	27	31	35	39	44
-77.5°	7	9	11	13	16	18	21	24	28	31	34
-80°	6	7	9	10	12	14	16	18	21	23	26
-82.5°	5	5	6	7	9	10	11	13	15	17	19
-85°	3	4	4	5	6	6	7	8	9	11	12
-87.5°	2	2	2	3	3	3	4	4	4	5	6
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626706 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-722-U-MWR-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	0	0	0	0	1	1	1	1	1
60°	3	2	3	4	3	3	4	4	4	3	3
57.5°	8	8	10	11	12	13	14	15	16	17	17
55°	14	17	20	21	24	27	30	31	31	32	34
52.5°	23	26	27	30	35	38	39	42	44	47	49
50°	33	36	39	43	48	50	51	56	61	66	69
47.5°	43	47	53	60	64	67	72	78	84	90	95
45°	53	59	67	74	79	84	90	98	107	116	123
42.5°	64	71	79	87	92	101	112	121	134	146	154
40°	76	84	95	104	116	128	146	163	181	201	215
37.5°	91	103	119	134	151	169	202	236	263	302	324
35°	110	128	150	172	200	242	291	356	424	481	536
32.5°	131	154	184	225	271	339	412	532	650	767	882
30°	152	185	232	287	363	471	608	794	996	1173	1333
27.5°	179	227	287	370	499	657	910	1169	1426	1656	1820
25°	213	276	362	499	685	948	1287	1604	1906	2131	2320
22.5°	262	356	478	653	990	1355	1761	2160	2499	2783	2969
20°	321	449	653	970	1367	1823	2345	2765	3183	3502	3787
17.5°	406	610	897	1300	1774	2383	2921	3389	3919	4245	4536
15°	483	744	1154	1667	2224	2869	3503	4076	4588	4946	5271
12.5°	579	887	1358	1962	2571	3288	3948	4562	5063	5432	5659
10°	666	1034	1562	2194	2875	3625	4308	4947	5433	5718	5885
7.5°	735	1156	1728	2392	3111	3866	4588	5222	5687	5925	6039
5°	790	1246	1857	2554	3301	4074	4810	5431	5823	6020	6084
2.5°	830	1309	1944	2661	3430	4227	4979	5591	5925	6067	6088
0°	858	1353	2001	2729	3540	4282	5071	5692	6010	6124	6135
-2.5°	851	1337	1998	2704	3527	4307	5085	5699	6038	6192	6217
-5°	834	1299	1932	2635	3427	4208	4950	5598	6015	6246	6349
-7.5°	800	1234	1819	2503	3265	4046	4803	5475	5955	6281	6481
-10°	743	1139	1674	2336	3086	3831	4579	5277	5793	6186	6465
-12.5°	666	1010	1497	2099	2853	3549	4257	4925	5489	5973	6262
-15°	586	876	1313	1864	2521	3206	3860	4516	5072	5525	5885
-17.5°	528	759	1100	1582	2159	2809	3447	4050	4552	4977	5356
-20°	456	627	898	1303	1811	2379	2990	3527	3975	4374	4735

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REPORT NUMBER: P626706 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-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°	399	537	733	1009	1465	1966	2467	2960	3382	3737	4045
-25°	346	444	596	821	1118	1550	1972	2389	2778	3108	3386
-27.5°	305	383	484	644	870	1122	1492	1840	2175	2476	2738
-30°	268	326	406	506	659	846	1069	1329	1596	1834	2072
-32.5°	241	282	337	412	497	632	766	941	1110	1284	1455
-35°	217	250	288	337	396	474	563	670	760	874	979
-37.5°	201	224	253	284	326	370	430	495	551	614	667
-40°	187	205	225	246	275	304	343	379	415	454	482
-42.5°	176	190	204	220	238	261	287	310	332	354	373
-45°	167	178	189	201	214	231	250	267	281	294	304
-47.5°	157	167	177	186	197	210	222	233	245	254	262
-50°	147	157	166	174	184	194	203	212	220	228	232
-52.5°	138	148	157	165	173	181	189	197	204	210	213
-55°	131	140	149	156	163	170	177	184	191	197	199
-57.5°	123	133	141	148	154	160	167	173	180	186	188
-60°	114	124	132	138	144	151	157	163	169	174	176
-62.5°	104	112	119	126	131	137	143	150	156	161	164
-65°	91	99	105	111	117	122	129	135	140	145	148
-67.5°	80	86	91	97	102	108	114	119	125	129	131
-70°	69	75	80	85	90	94	99	104	108	112	115
-72.5°	58	63	68	72	77	81	85	89	93	96	98
-75°	48	52	56	60	64	67	70	73	76	79	81
-77.5°	38	41	45	48	51	54	56	59	61	63	65
-80°	29	31	34	36	39	41	43	44	46	48	50
-82.5°	21	22	24	26	27	29	30	31	33	34	35
-85°	13	14	15	16	17	18	19	19	20	21	22
-87.5°	6	7	7	8	8	8	9	9	10	10	10
-90°	0	0	0	0	0	0	0	0	0	0	0

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P626706 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-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	3	3	3	3	3	3	3	3	4	4
57.5°	17	15	14	13	14	15	17	17	17	16	15
55°	36	38	39	38	39	38	36	34	32	31	31
52.5°	51	52	52	51	52	52	51	49	47	44	42
50°	70	70	69	68	69	70	70	69	66	61	56
47.5°	98	99	100	100	100	99	98	95	90	84	78
45°	126	127	128	127	128	127	126	123	116	107	98
42.5°	158	160	161	160	161	160	158	154	146	134	121
40°	224	227	225	222	225	227	224	215	201	181	163
37.5°	339	350	355	355	355	350	339	324	302	263	236
35°	585	624	642	619	642	624	585	536	481	424	356
32.5°	976	1046	1085	1085	1085	1046	976	882	767	650	532
30°	1454	1541	1589	1600	1589	1541	1454	1333	1173	996	794
27.5°	1949	2039	2085	2079	2085	2039	1949	1820	1656	1426	1169
25°	2446	2514	2553	2554	2553	2514	2446	2320	2131	1906	1604
22.5°	3180	3323	3382	3397	3382	3323	3180	2969	2783	2499	2160
20°	3980	4118	4208	4213	4208	4118	3980	3787	3502	3183	2765
17.5°	4742	4811	4824	4829	4824	4811	4742	4536	4245	3919	3389
15°	5461	5485	5548	5556	5548	5485	5461	5271	4946	4588	4076
12.5°	5802	5824	5813	5784	5813	5824	5802	5659	5432	5063	4562
10°	5988	5957	5910	5855	5910	5957	5988	5885	5718	5433	4947
7.5°	6030	5995	5914	5833	5914	5995	6030	6039	5925	5687	5222
5°	6050	5949	5845	5747	5845	5949	6050	6084	6020	5823	5431
2.5°	6038	5918	5776	5670	5776	5918	6038	6088	6067	5925	5591
0°	6077	5955	5806	5767	5806	5955	6077	6135	6124	6010	5692
-2.5°	6184	6085	6008	5987	6008	6085	6184	6217	6192	6038	5699
-5°	6377	6355	6224	6254	6224	6355	6377	6349	6246	6015	5598
-7.5°	6563	6532	6477	6549	6477	6532	6563	6481	6281	5955	5475
-10°	6613	6603	6629	6693	6629	6603	6613	6465	6186	5793	5277
-12.5°	6461	6541	6630	6697	6630	6541	6461	6262	5973	5489	4925
-15°	6122	6285	6418	6482	6418	6285	6122	5885	5525	5072	4516
-17.5°	5623	5823	5981	6026	5981	5823	5623	5356	4977	4552	4050
-20°	5009	5212	5356	5413	5356	5212	5009	4735	4374	3975	3527

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REPORT NUMBER: P626706 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-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°	4318	4516	4646	4715	4646	4516	4318	4045	3737	3382	2960
-25°	3616	3790	3906	3937	3906	3790	3616	3386	3108	2778	2389
-27.5°	2945	3085	3171	3180	3171	3085	2945	2738	2476	2175	1840
-30°	2270	2400	2474	2513	2474	2400	2270	2072	1834	1596	1329
-32.5°	1594	1698	1760	1777	1760	1698	1594	1455	1284	1110	941
-35°	1063	1127	1167	1175	1167	1127	1063	979	874	760	670
-37.5°	711	742	761	771	761	742	711	667	614	551	495
-40°	504	518	526	528	526	518	504	482	454	415	379
-42.5°	385	393	396	398	396	393	385	373	354	332	310
-45°	311	316	320	321	320	316	311	304	294	281	267
-47.5°	266	270	272	272	272	270	266	262	254	245	233
-50°	235	237	238	237	238	237	235	232	228	220	212
-52.5°	215	216	217	216	217	216	215	213	210	204	197
-55°	200	201	201	201	201	201	200	199	197	191	184
-57.5°	189	190	190	189	190	190	189	188	186	180	173
-60°	178	179	180	179	180	179	178	176	174	169	163
-62.5°	167	169	170	169	170	169	167	164	161	156	150
-65°	151	154	154	153	154	154	151	148	145	140	135
-67.5°	133	135	136	135	136	135	133	131	129	125	119
-70°	117	119	119	119	119	119	117	115	112	108	104
-72.5°	101	103	103	103	103	103	101	98	96	93	89
-75°	83	85	85	85	85	85	83	81	79	76	73
-77.5°	67	69	69	68	69	69	67	65	63	61	59
-80°	51	52	52	52	52	52	51	50	48	46	44
-82.5°	36	37	37	36	37	37	36	35	34	33	31
-85°	22	23	23	23	23	23	22	22	21	20	19
-87.5°	11	11	10	10	10	11	11	10	10	10	9
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626706 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-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°	1	0	0	0	0	0	0	0	0	0	0
60°	4	3	3	4	3	2	3	3	1	1	1
57.5°	14	13	12	11	10	8	8	7	7	4	2
55°	30	27	24	21	20	17	14	12	11	9	6
52.5°	39	38	35	30	27	26	23	19	16	14	11
50°	51	50	48	43	39	36	33	28	24	21	17
47.5°	72	67	64	60	53	47	43	39	33	28	24
45°	90	84	79	74	67	59	53	47	42	36	32
42.5°	112	101	92	87	79	71	64	57	50	43	38
40°	146	128	116	104	95	84	76	68	60	51	45
37.5°	202	169	151	134	119	103	91	82	71	61	53
35°	291	242	200	172	150	128	110	97	84	73	62
32.5°	412	339	271	225	184	154	131	114	97	84	73
30°	608	471	363	287	232	185	152	129	110	94	83
27.5°	910	657	499	370	287	227	179	145	122	104	91
25°	1287	948	685	499	362	276	213	168	136	114	100
22.5°	1761	1355	990	653	478	356	262	191	152	129	112
20°	2345	1823	1367	970	653	449	321	231	180	149	125
17.5°	2921	2383	1774	1300	897	610	406	282	207	168	138
15°	3503	2869	2224	1667	1154	744	483	332	238	189	153
12.5°	3948	3288	2571	1962	1358	887	579	395	277	207	165
10°	4308	3625	2875	2194	1562	1034	666	442	305	222	174
7.5°	4588	3866	3111	2392	1728	1156	735	479	327	234	182
5°	4810	4074	3301	2554	1857	1246	790	508	343	245	188
2.5°	4979	4227	3430	2661	1944	1309	830	532	356	255	194
0°	5071	4282	3540	2729	2001	1353	858	550	366	263	198
-2.5°	5085	4307	3527	2704	1998	1337	851	546	367	266	201
-5°	4950	4208	3427	2635	1932	1299	834	535	364	266	202
-7.5°	4803	4046	3265	2503	1819	1234	800	517	358	263	201
-10°	4579	3831	3086	2336	1674	1139	743	489	346	257	199
-12.5°	4257	3549	2853	2099	1497	1010	666	454	328	247	194
-15°	3860	3206	2521	1864	1313	876	586	410	305	234	188
-17.5°	3447	2809	2159	1582	1100	759	528	379	284	222	181
-20°	2990	2379	1811	1303	898	627	456	341	264	212	175

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REPORT NUMBER: P626706 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-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°	2467	1966	1465	1009	733	537	399	304	242	199	168
-25°	1972	1550	1118	821	596	444	346	277	225	187	160
-27.5°	1492	1122	870	644	484	383	305	248	207	178	154
-30°	1069	846	659	506	406	326	268	227	194	168	147
-32.5°	766	632	497	412	337	282	241	207	181	160	142
-35°	563	474	396	337	288	250	217	192	170	151	137
-37.5°	430	370	326	284	253	224	201	180	160	145	131
-40°	343	304	275	246	225	205	187	169	153	138	126
-42.5°	287	261	238	220	204	190	176	161	146	133	120
-45°	250	231	214	201	189	178	167	153	140	127	115
-47.5°	222	210	197	186	177	167	157	145	132	120	110
-50°	203	194	184	174	166	157	147	136	125	115	104
-52.5°	189	181	173	165	157	148	138	128	118	108	98
-55°	177	170	163	156	149	140	131	121	111	101	91
-57.5°	167	160	154	148	141	133	123	113	103	94	84
-60°	157	151	144	138	132	124	114	105	96	87	77
-62.5°	143	137	131	126	119	112	104	95	87	79	70
-65°	129	122	117	111	105	99	91	84	77	70	62
-67.5°	114	108	102	97	91	86	80	74	67	60	53
-70°	99	94	90	85	80	75	69	63	57	51	45
-72.5°	85	81	77	72	68	63	58	53	48	42	37
-75°	70	67	64	60	56	52	48	44	39	35	31
-77.5°	56	54	51	48	45	41	38	34	31	28	24
-80°	43	41	39	36	34	31	29	26	23	21	18
-82.5°	30	29	27	26	24	22	21	19	17	15	13
-85°	19	18	17	16	15	14	13	12	11	9	8
-87.5°	9	8	8	8	7	7	6	6	5	4	4
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626706 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-722-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	1	1	1	0	0	0	0
62.5°	1	1	1	0	1	1	1	1	1	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°	3	2	2	1	1	1	1	1	1	1	1
52.5°	8	4	3	2	2	1	1	1	1	1	1
50°	13	9	5	3	2	2	1	1	1	1	1
47.5°	19	14	9	5	3	2	2	2	1	1	1
45°	26	20	14	9	5	4	2	2	1	1	1
42.5°	34	27	19	12	8	5	3	2	2	1	1
40°	40	34	25	18	12	8	5	3	2	1	1
37.5°	47	41	33	23	15	11	7	3	2	2	2
35°	54	47	40	29	20	13	9	4	3	2	2
32.5°	61	54	45	36	25	16	12	7	4	3	2
30°	70	59	50	41	30	20	14	9	5	3	2
27.5°	79	65	56	46	35	25	17	11	6	4	2
25°	87	72	60	51	40	29	20	13	7	4	3
22.5°	96	79	65	55	45	33	23	15	9	5	3
20°	105	86	69	60	49	37	27	17	11	6	3
17.5°	115	94	76	64	53	41	30	20	12	7	4
15°	125	102	83	69	57	44	33	22	13	8	4
12.5°	134	109	89	74	60	47	36	24	14	9	5
10°	141	116	95	79	64	50	38	27	16	10	6
7.5°	148	121	100	83	67	52	40	28	18	11	6
5°	153	125	103	86	70	56	42	30	20	11	7
2.5°	157	129	106	89	73	59	44	31	21	12	8
0°	160	132	108	91	75	61	45	32	23	12	9
-2.5°	162	134	111	93	77	63	47	34	24	14	9
-5°	162	135	113	94	79	64	48	35	25	15	9
-7.5°	162	135	114	95	81	64	49	36	26	16	10
-10°	161	135	115	96	82	65	50	37	26	17	10
-12.5°	159	134	115	97	82	66	51	38	27	18	10
-15°	156	133	114	97	82	66	51	38	27	18	10
-17.5°	151	131	113	96	81	66	52	38	27	18	10
-20°	148	129	112	94	81	66	52	38	27	18	11

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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	145	126	110	93	80	66	51	37	27	18	11
-25°	140	124	107	92	79	65	50	35	26	17	11
-27.5°	136	120	105	91	77	63	48	35	25	17	11
-30°	132	117	102	89	75	62	46	34	25	17	11
-32.5°	128	114	100	86	73	60	44	32	24	17	11
-35°	123	110	96	83	71	57	42	31	23	16	10
-37.5°	119	106	92	80	68	54	41	30	23	15	10
-40°	114	101	88	77	65	51	40	30	22	15	10
-42.5°	109	97	85	74	62	49	38	29	21	14	9
-45°	104	92	81	70	59	47	36	27	19	13	9
-47.5°	99	88	77	66	56	44	34	26	18	13	9
-50°	93	82	71	61	52	41	32	24	17	12	8
-52.5°	86	75	66	57	48	38	29	22	16	11	8
-55°	79	70	61	53	43	34	27	20	15	11	7
-57.5°	74	65	57	48	39	31	24	19	14	10	7
-60°	68	60	52	43	35	28	22	17	13	9	7
-62.5°	62	54	45	37	31	25	20	16	12	9	6
-65°	54	46	39	33	27	22	18	14	11	8	6
-67.5°	46	39	33	28	23	20	16	13	10	7	5
-70°	39	33	28	24	20	17	14	11	8	6	5
-72.5°	32	28	24	20	17	14	12	9	7	5	4
-75°	27	23	20	17	14	12	9	8	6	4	3
-77.5°	21	18	16	13	11	9	7	6	5	4	3
-80°	16	14	12	10	9	7	6	5	4	3	3
-82.5°	11	10	9	7	6	5	5	4	3	3	2
-85°	7	6	6	5	4	4	3	3	2	2	1
-87.5°	4	3	3	3	2	2	2	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: P626706 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-722-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	1	0	0	0	0
60°	0	0	1	0	0	0	0
57.5°	0	0	1	1	0	0	0
55°	1	1	1	1	0	0	0
52.5°	1	1	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	1	0	0
40°	1	1	1	1	1	0	0
37.5°	2	1	1	1	1	0	0
35°	2	1	1	1	1	0	0
32.5°	2	1	1	1	1	0	0
30°	2	1	1	1	1	0	0
27.5°	2	2	1	1	1	0	0
25°	2	2	1	1	1	0	0
22.5°	2	2	1	1	1	0	0
20°	2	2	1	1	1	0	0
17.5°	2	2	1	1	1	0	0
15°	2	2	1	1	1	0	0
12.5°	3	2	1	1	1	0	0
10°	3	2	1	1	1	0	0
7.5°	3	2	1	1	1	0	0
5°	3	2	1	1	1	0	0
2.5°	3	2	1	1	1	0	0
0°	3	2	1	1	1	0	0
-2.5°	4	2	1	1	1	0	0
-5°	4	2	1	1	1	0	0
-7.5°	5	3	1	1	1	0	0
-10°	5	3	1	1	1	0	0
-12.5°	6	3	2	1	1	0	0
-15°	6	3	2	1	1	0	0
-17.5°	6	3	2	1	1	0	0
-20°	6	3	2	1	1	0	0

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REPORT NUMBER: P626706 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	6	3	2	1	1	0	0
-25°	6	3	2	1	1	0	0
-27.5°	6	3	2	1	1	0	0
-30°	6	3	2	1	1	0	0
-32.5°	6	3	2	1	1	0	0
-35°	6	4	2	1	1	0	0
-37.5°	6	4	2	1	1	0	0
-40°	6	4	2	1	1	0	0
-42.5°	6	4	2	1	1	0	0
-45°	6	4	2	1	1	0	0
-47.5°	6	4	2	1	1	0	0
-50°	6	3	2	1	1	0	0
-52.5°	5	3	2	1	1	0	0
-55°	5	3	2	1	1	0	0
-57.5°	5	3	2	1	1	0	0
-60°	5	3	2	1	1	0	0
-62.5°	4	3	2	1	1	0	0
-65°	4	3	2	1	1	0	0
-67.5°	4	2	2	1	1	0	0
-70°	3	2	2	1	1	0	0
-72.5°	3	2	2	1	1	0	0
-75°	3	2	2	1	1	0	0
-77.5°	2	2	1	1	0	0	0
-80°	2	2	1	1	0	0	0
-82.5°	2	1	1	1	0	0	0
-85°	1	1	1	0	0	0	0
-87.5°	1	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)