

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: P627004 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-722-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627004 (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-SA2E-722-U-MR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

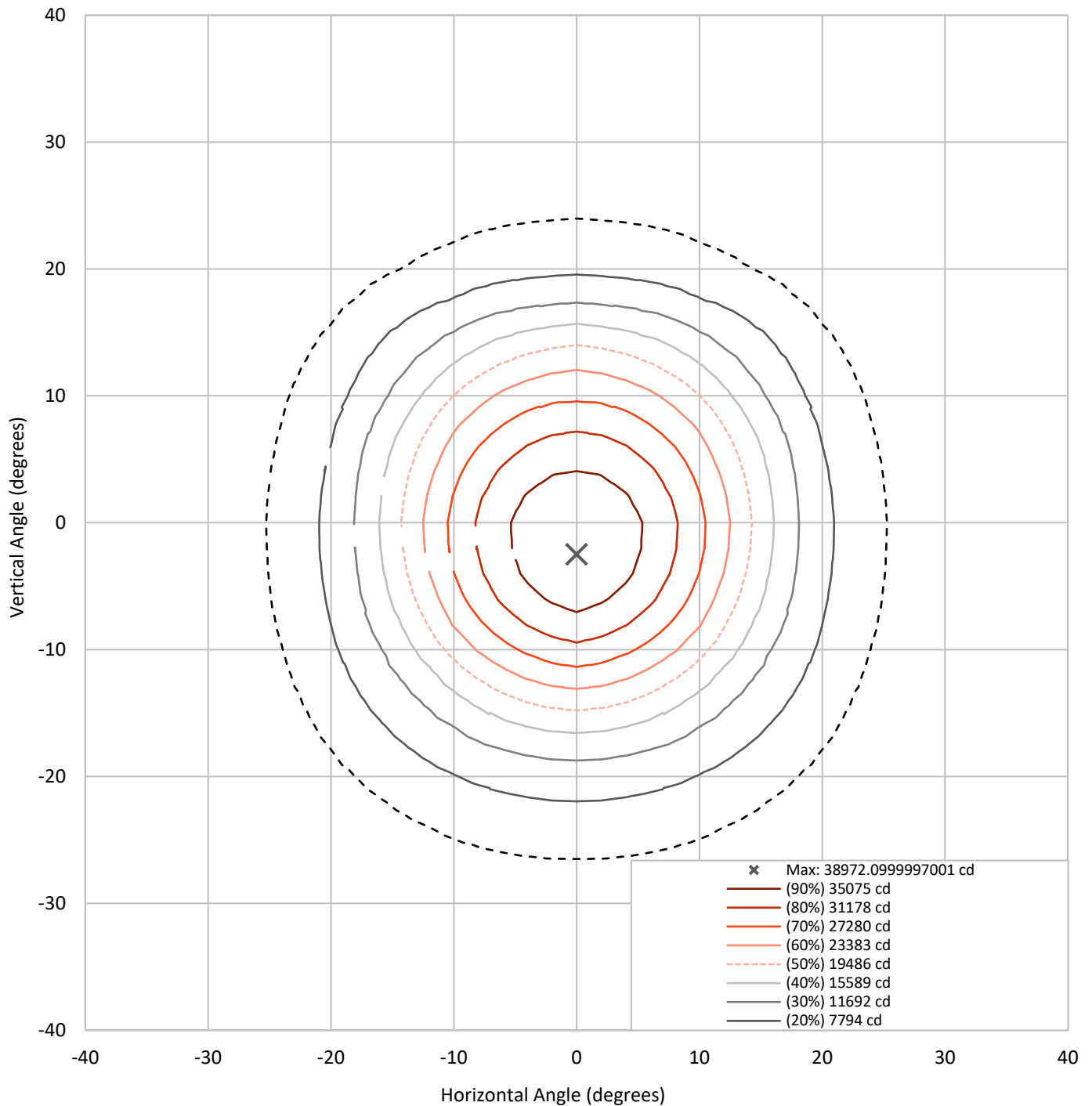
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	11053.3 lumens	Max Intensity:	38972.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	87.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	5526.8 lumens	Field Lumens:	9496.9 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
Input Watts (W):	125.7		
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: P627004 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-722-U-MR-VSR-XX

Iso-Candela Plot





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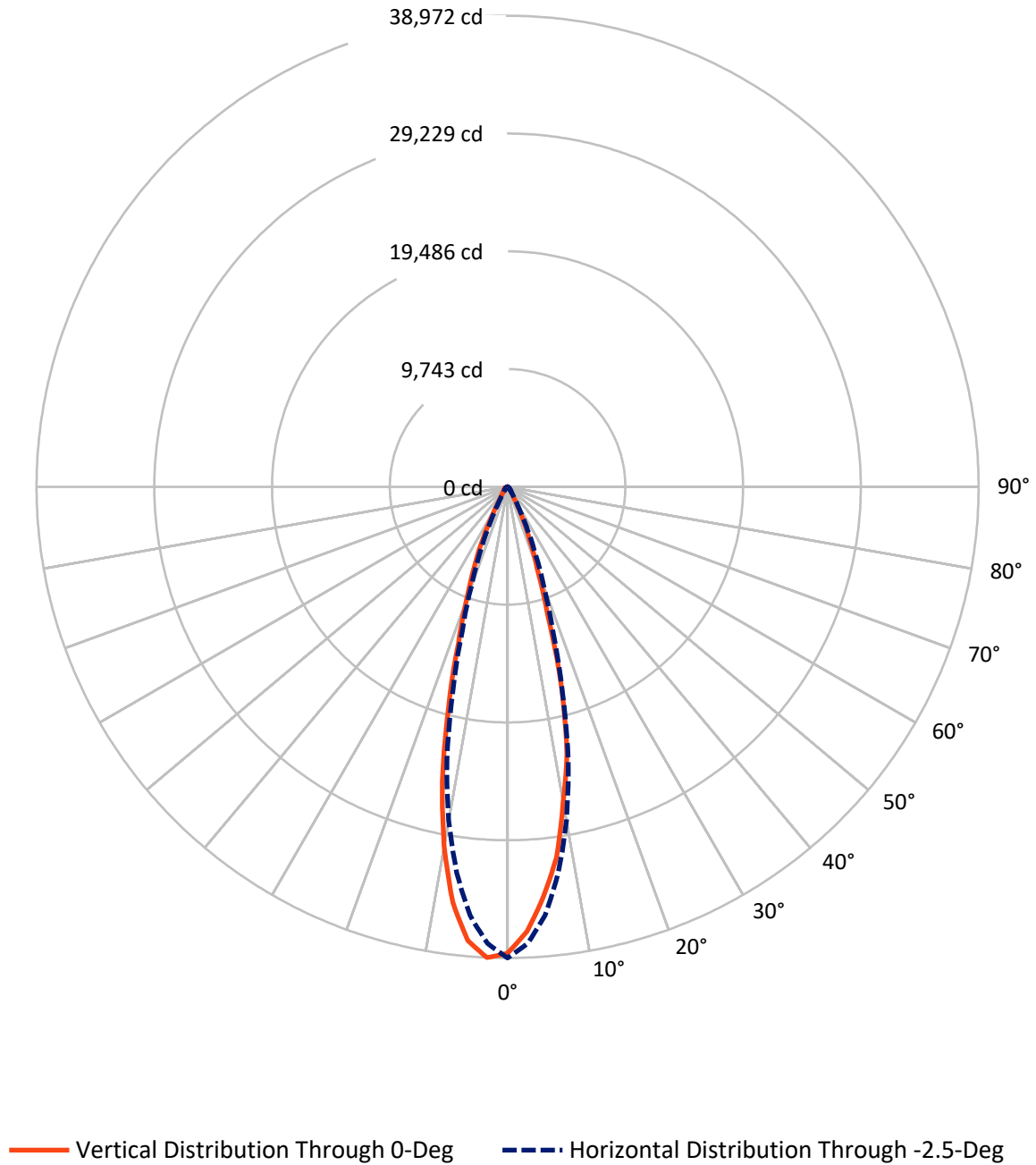
CATALOG NUMBER: GFLD-SA2E-722-U-MR-VSR-XX

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	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0				
50		0.0	0.1	0.3	0.8	1.3	1.7	2.1	2.1	1.7	1.3	0.8	0.3	0.1		0.0			
40	0.0	0.1	0.4	1.2	2.3	3.6	5.0	5.9	5.9	5.0	3.6	2.3	1.2	0.4	0.1	0.0			
30		0.2	0.9	2.4	4.3	7.1	11.9	15.9	15.9	11.9	7.1	4.3	2.4	0.9	0.2				
20	0.1	0.3	1.5	3.6	6.9	16.7	52.5	96.2	96.2	52.5	16.7	6.9	3.6	1.5	0.3	0.1			
10		0.5	2.1	4.9	11.8	57.6	234.1	458.3	458.3	234.1	57.6	11.8	4.9	2.1	0.5				
0	0.2	0.7	2.5	5.8	16.9	109.7	472.6	926.4	926.4	472.6	109.7	16.9	5.8	2.5	0.7	0.2			
-10		0.8	2.7	6.2	18.0	114.9	485.0	982.3	982.3	485.0	114.9	18.0	6.2	2.7	0.8				
-20	0.2	0.8	2.8	6.0	14.8	70.6	268.2	519.9	519.9	268.2	70.6	14.8	6.0	2.8	0.8	0.2			
-30		0.8	2.6	5.5	10.9	27.4	83.0	148.2	148.2	83.0	27.4	10.9	5.5	2.6	0.8				
-40	0.2	0.7	2.4	4.8	8.2	13.5	22.1	29.5	29.5	22.1	13.5	8.2	4.8	2.4	0.7	0.2			
-50		0.6	1.9	3.9	6.5	9.3	12.3	13.8	13.8	12.3	9.3	6.5	3.9	1.9	0.6				
-60	0.1	0.5	1.5	3.1	5.1	7.1	8.8	9.6	9.6	8.8	7.1	5.1	3.1	1.5	0.5	0.1			
-70		0.3	0.9	2.0	3.4	4.8	6.0	6.7	6.7	6.0	4.8	3.4	2.0	0.9	0.3				
-80	0.0	0.7	3.3	7.1	8.9	7.1	3.3	0.7	0.0										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

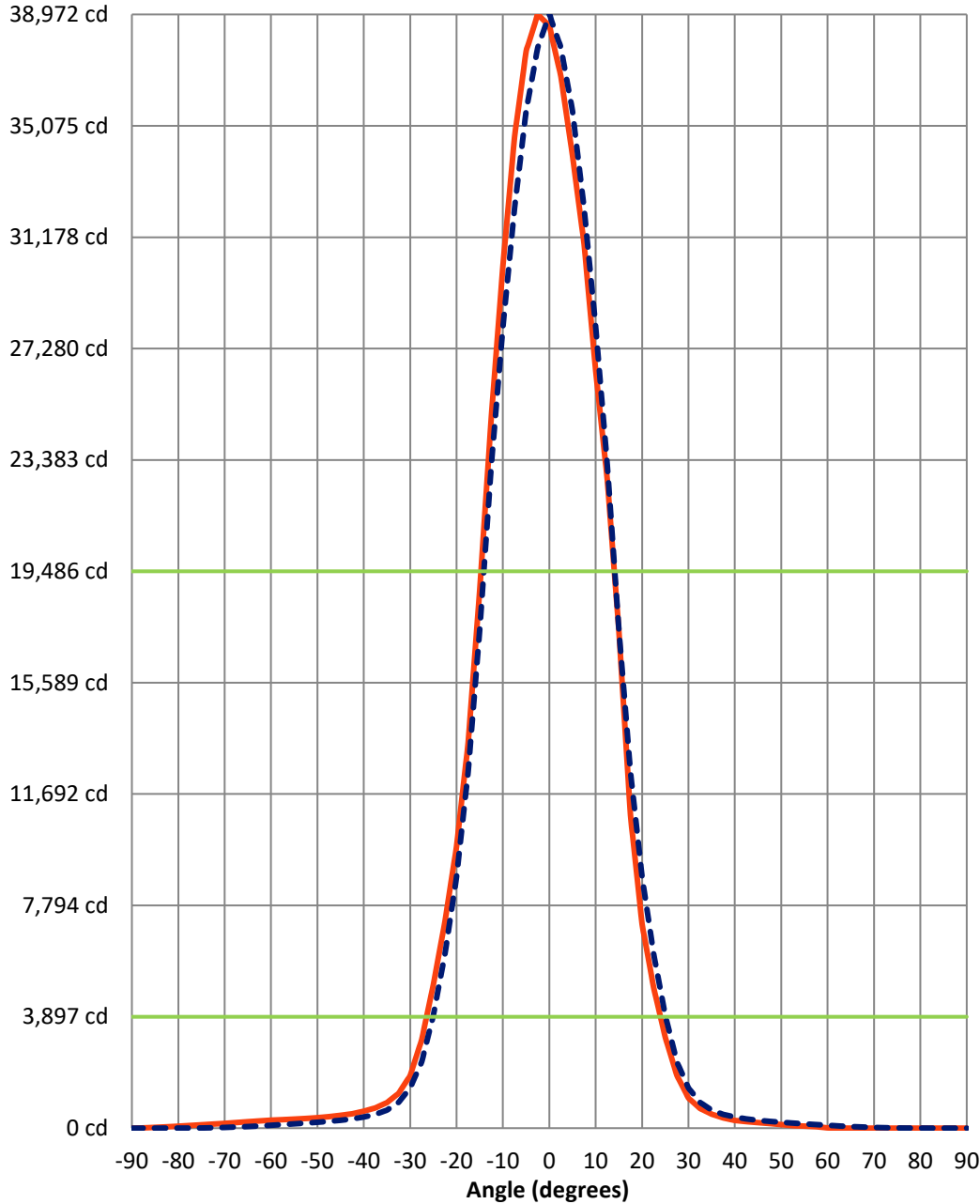
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 5526.8
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 9496.9
 Efficiency: 85.9%

Spill:
 Lumens: 1556.5
 Efficiency: 14.1%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	1	1
57.5°	0	0	0	0	0	0	0	0	0	1	1
55°	0	0	0	0	0	0	0	0	1	2	1
52.5°	0	0	0	0	0	0	0	1	2	2	1
50°	0	0	0	0	0	0	1	1	2	2	2
47.5°	0	0	0	0	0	1	1	2	2	2	2
45°	0	0	0	0	0	1	1	2	3	2	2
42.5°	0	0	0	0	0	1	2	3	3	2	4
40°	0	0	0	0	0	1	2	3	3	3	6
37.5°	0	0	0	0	0	2	2	3	3	4	8
35°	0	0	0	0	1	2	2	3	4	6	11
32.5°	0	0	0	0	1	2	3	3	5	8	13
30°	0	0	0	0	1	2	3	3	6	10	16
27.5°	0	0	0	0	1	2	3	3	7	12	20
25°	0	0	0	0	2	2	3	4	9	15	23
22.5°	0	0	0	0	2	3	3	5	10	18	27
20°	0	0	0	0	2	3	3	6	12	20	32
17.5°	0	0	0	0	2	3	3	7	13	23	35
15°	0	0	0	0	2	3	3	8	15	26	39
12.5°	0	0	0	0	2	3	3	10	16	28	42
10°	0	0	0	0	2	3	4	11	18	31	45
7.5°	0	0	0	0	2	3	4	12	19	33	48
5°	0	0	0	0	2	3	4	13	20	36	50
2.5°	0	0	0	0	2	3	5	14	21	38	52
0°	0	0	0	0	3	3	5	15	22	39	54
-2.5°	0	0	0	0	2	3	6	15	24	41	56
-5°	0	0	0	0	2	3	7	15	26	42	57
-7.5°	0	0	0	0	2	3	8	15	28	43	58
-10°	0	0	0	1	2	3	8	16	29	43	58
-12.5°	0	0	0	1	2	4	9	16	30	44	60
-15°	0	0	0	1	2	4	9	16	30	45	61
-17.5°	0	0	0	1	2	4	10	16	30	45	61
-20°	0	0	0	1	2	4	10	17	29	45	61

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REPORT NUMBER: P627004 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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	1	2	4	10	18	29	44	60
-25°	0	0	0	1	2	4	10	18	28	43	59
-27.5°	0	0	0	1	2	5	10	18	27	42	58
-30°	0	0	0	1	3	5	10	18	27	41	56
-32.5°	0	0	0	1	3	5	10	18	27	39	54
-35°	0	0	0	1	3	5	10	18	26	38	51
-37.5°	0	0	0	1	3	5	10	17	26	36	50
-40°	0	0	0	1	3	5	10	17	25	35	48
-42.5°	0	0	0	1	3	5	10	16	24	34	46
-45°	0	0	0	0	3	5	9	15	23	32	44
-47.5°	0	0	0	0	3	5	9	15	22	30	42
-50°	0	0	0	0	3	5	8	14	21	29	39
-52.5°	0	0	0	0	3	5	8	13	19	27	36
-55°	0	0	0	0	2	5	8	12	18	25	33
-57.5°	0	0	0	1	2	4	7	11	16	23	30
-60°	0	0	0	1	2	4	6	10	14	20	27
-62.5°	0	0	0	1	2	4	6	9	13	18	24
-65°	0	0	0	1	2	3	6	8	12	16	21
-67.5°	0	0	0	1	2	3	5	7	10	14	19
-70°	0	0	0	1	1	3	5	6	9	12	16
-72.5°	0	0	0	0	1	3	4	6	8	10	13
-75°	0	0	0	0	1	2	4	5	6	8	11
-77.5°	0	0	0	0	1	2	3	4	5	6	8
-80°	0	0	0	0	1	2	3	3	4	5	6
-82.5°	0	0	0	0	1	1	2	2	3	3	4
-85°	0	0	0	0	0	1	1	2	2	2	2
-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: P627004 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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	1	0	1	1
60°	0	0	0	1	1	1	1	2	2	2	5
57.5°	0	1	1	1	2	3	4	5	8	11	14
55°	1	2	2	2	4	6	8	12	16	21	26
52.5°	2	3	2	4	7	11	16	21	28	33	37
50°	2	3	3	8	12	18	25	33	39	44	51
47.5°	3	4	7	13	19	27	37	44	50	58	68
45°	5	7	12	19	27	39	47	54	63	74	84
42.5°	6	11	18	24	38	49	57	66	77	88	100
40°	10	15	23	35	48	59	69	80	90	104	116
37.5°	13	20	30	44	57	69	81	93	106	121	135
35°	16	26	38	52	67	81	94	108	124	140	156
32.5°	20	32	45	61	76	92	106	124	141	158	178
30°	25	38	52	69	85	101	120	140	157	176	197
27.5°	31	44	59	76	93	111	134	153	172	192	215
25°	36	50	66	83	101	122	146	166	186	209	236
22.5°	41	55	73	89	109	134	158	181	203	226	257
20°	46	62	80	98	117	144	170	196	221	250	285
17.5°	50	68	87	107	128	155	182	210	239	274	318
15°	55	73	94	115	138	166	194	225	258	299	350
12.5°	59	78	100	123	147	175	205	237	275	325	387
10°	62	83	107	130	155	184	214	248	289	342	415
7.5°	66	87	112	136	162	191	222	257	300	356	438
5°	69	91	117	141	167	197	229	264	309	368	456
2.5°	71	95	120	144	171	201	233	269	315	379	469
0°	74	98	123	147	174	204	236	272	319	388	478
-2.5°	76	101	125	150	178	206	238	275	323	390	481
-5°	78	104	128	153	180	208	240	276	325	391	482
-7.5°	79	106	129	154	182	209	241	278	326	390	481
-10°	80	107	131	156	183	211	241	277	325	386	473
-12.5°	81	107	131	156	184	211	240	275	320	378	458
-15°	82	107	131	156	183	211	238	271	313	369	438
-17.5°	83	107	131	155	182	210	235	267	306	358	425
-20°	83	106	129	152	180	207	233	263	300	346	406

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CATALOG NUMBER: GFLD-SA2E-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°	82	106	128	150	176	203	230	258	292	331	384
-25°	81	104	126	148	173	198	225	251	283	321	366
-27.5°	79	102	124	146	169	193	219	245	274	308	347
-30°	76	99	121	142	165	188	212	237	264	296	331
-32.5°	72	96	117	138	160	183	204	229	255	282	314
-35°	69	91	113	133	155	177	197	219	244	270	297
-37.5°	67	87	108	127	149	170	189	209	232	257	282
-40°	64	82	103	122	141	162	181	200	220	244	268
-42.5°	61	79	98	116	135	154	173	191	210	232	254
-45°	59	75	92	110	128	146	164	182	201	220	242
-47.5°	56	71	88	104	122	139	155	173	192	210	229
-50°	52	67	82	97	114	131	148	163	180	199	217
-52.5°	48	62	76	90	105	122	138	154	169	185	202
-55°	43	56	69	83	96	111	128	143	159	173	189
-57.5°	39	50	63	75	88	101	116	131	146	161	176
-60°	35	44	55	67	80	92	105	119	133	147	161
-62.5°	31	39	48	59	70	82	94	107	120	131	143
-65°	27	34	42	51	60	71	82	94	106	115	125
-67.5°	23	29	35	43	51	60	69	79	90	99	107
-70°	20	24	29	36	42	50	58	66	74	82	90
-72.5°	17	20	24	28	34	41	47	53	60	67	74
-75°	14	17	20	23	27	32	38	44	49	55	60
-77.5°	10	13	16	18	21	25	29	34	39	43	48
-80°	8	10	12	14	16	19	22	25	28	31	35
-82.5°	5	7	8	10	11	13	14	16	18	21	24
-85°	3	4	5	6	7	7	8	9	10	12	14
-87.5°	1	2	2	3	3	3	3	3	4	5	5
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627004 (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	1	1	0	0	0
62.5°	1	1	2	3	3	3	3	3	3	3	3
60°	6	6	9	11	11	9	12	14	13	11	11
57.5°	17	21	25	26	29	34	36	35	36	37	42
55°	30	33	36	41	46	51	54	57	60	63	67
52.5°	41	47	51	56	62	66	68	75	81	86	88
50°	58	64	71	78	84	90	95	102	110	118	123
47.5°	77	84	93	102	110	115	121	131	142	152	158
45°	94	102	113	122	130	138	148	159	170	181	188
42.5°	109	119	130	141	148	160	173	185	199	212	222
40°	126	136	152	163	173	186	206	223	239	255	265
37.5°	148	164	181	195	208	224	251	278	298	319	334
35°	173	192	214	229	248	279	312	348	385	414	441
32.5°	197	218	240	264	294	337	379	437	492	547	599
30°	218	243	269	300	348	408	476	566	663	760	870
27.5°	241	268	300	349	422	503	629	770	971	1133	1393
25°	266	296	339	417	518	661	882	1133	1549	1903	2304
22.5°	296	342	403	501	670	926	1270	1817	2456	3048	3613
20°	333	396	500	656	898	1292	1944	2774	3662	4529	5367
17.5°	382	481	630	853	1195	2024	2994	4181	5700	6841	7923
15°	426	552	778	1138	1782	2849	4204	6021	8067	9787	11732
12.5°	479	631	903	1370	2290	3701	5428	7596	10017	12627	15675
10°	525	712	1062	1704	2821	4463	6398	8943	12052	15746	19597
7.5°	560	779	1194	1955	3268	5087	7396	10491	14429	18746	23139
5°	588	832	1299	2152	3648	5595	8125	11716	16205	21160	25528
2.5°	609	868	1368	2272	3905	5941	8623	12367	17291	22736	27322
0°	626	891	1406	2358	4024	6105	8853	12630	17800	23508	28224
-2.5°	632	902	1408	2328	3952	6095	8800	12469	17449	23201	28033
-5°	634	896	1372	2267	3823	5877	8447	11856	16376	21772	26668
-7.5°	629	872	1300	2115	3534	5491	7955	10947	14652	19410	24470
-10°	612	831	1203	1909	3136	4888	7189	9717	12677	16561	20662
-12.5°	581	768	1068	1600	2667	4207	6244	8479	10786	13338	16711
-15°	545	704	959	1413	2233	3490	5141	7028	8943	10897	12955
-17.5°	517	648	846	1163	1715	2731	4051	5568	7121	8673	10058
-20°	482	582	736	983	1383	1985	2977	4158	5318	6584	7646

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627004 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-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°	450	535	651	806	1076	1499	2065	2896	3777	4697	5569
-25°	420	485	576	701	862	1114	1488	1922	2541	3106	3754
-27.5°	395	449	511	604	725	864	1093	1346	1671	1940	2373
-30°	371	414	465	525	614	719	842	996	1155	1314	1521
-32.5°	348	384	425	473	528	607	683	782	869	964	1063
-35°	326	358	391	429	472	524	581	646	704	762	814
-37.5°	307	334	363	393	427	463	508	554	593	630	662
-40°	291	313	337	362	389	419	454	488	514	538	558
-42.5°	276	296	315	336	358	385	412	438	456	473	487
-45°	262	279	296	314	332	356	379	399	413	426	436
-47.5°	247	262	278	294	312	330	349	364	377	388	395
-50°	232	248	262	275	291	307	324	336	347	357	362
-52.5°	218	233	247	260	273	286	299	311	323	332	336
-55°	204	218	231	244	257	269	280	291	301	310	313
-57.5°	190	205	219	229	240	251	262	272	282	290	293
-60°	175	190	201	212	222	232	242	251	261	269	273
-62.5°	156	170	181	190	200	209	218	226	235	242	245
-65°	135	146	157	166	175	183	191	199	206	211	215
-67.5°	116	124	133	142	150	158	166	172	179	183	186
-70°	98	105	113	121	129	136	142	148	154	158	161
-72.5°	81	88	95	102	109	115	120	125	131	134	137
-75°	66	72	78	83	89	94	99	103	107	110	113
-77.5°	52	57	61	65	70	74	78	81	84	87	89
-80°	39	42	46	49	52	55	58	60	63	65	67
-82.5°	26	29	31	34	37	38	40	41	42	44	46
-85°	15	17	18	20	22	23	24	25	26	27	28
-87.5°	6	7	7	8	9	9	9	9	9	10	11
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627004 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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	1
62.5°	3	3	2	2	2	3	3	3	3	3	3
60°	11	10	10	10	10	10	11	11	11	13	14
57.5°	46	49	51	52	51	49	46	42	37	36	35
55°	70	72	72	71	72	72	70	67	63	60	57
52.5°	90	90	90	88	90	90	90	88	86	81	75
50°	125	124	124	125	124	124	125	123	118	110	102
47.5°	161	162	163	162	163	162	161	158	152	142	131
45°	192	194	195	194	195	194	192	188	181	170	159
42.5°	225	227	227	228	227	227	225	222	212	199	185
40°	269	271	271	270	271	271	269	265	255	239	223
37.5°	344	349	352	358	352	349	344	334	319	298	278
35°	461	474	480	491	480	474	461	441	414	385	348
32.5°	637	662	676	690	676	662	637	599	547	492	437
30°	946	997	1018	1055	1018	997	946	870	760	663	566
27.5°	1584	1704	1751	1850	1751	1704	1584	1393	1133	971	770
25°	2668	2927	3070	3183	3070	2927	2668	2304	1903	1549	1133
22.5°	4184	4563	4765	4915	4765	4563	4184	3613	3048	2456	1817
20°	6128	6628	6926	7143	6926	6628	6128	5367	4529	3662	2774
17.5°	9313	10099	10559	10954	10559	10099	9313	7923	6841	5700	4181
15°	13903	15483	16711	17395	16711	15483	13903	11732	9787	8067	6021
12.5°	18368	20683	22058	22691	22058	20683	18368	15675	12627	10017	7596
10°	22784	24967	26275	26507	26275	24967	22784	19597	15746	12052	8943
7.5°	26165	28565	30304	30936	30304	28565	26165	23139	18746	14429	10491
5°	29151	31962	33802	34035	33802	31962	29151	25528	21160	16205	11716
2.5°	31348	34403	36187	36800	36187	34403	31348	27322	22736	17291	12367
0°	32410	35701	37686	38580	37686	35701	32410	28224	23508	17800	12630
-2.5°	32187	35590	37806	38972	37806	35590	32187	28033	23201	17449	12469
-5°	30963	34376	36443	37681	36443	34376	30963	26668	21772	16376	11856
-7.5°	28141	31333	33532	34675	33532	31333	28141	24470	19410	14652	10947
-10°	24504	27206	29211	30185	29211	27206	24504	20662	16561	12677	9717
-12.5°	19779	22399	24208	24897	24208	22399	19779	16711	13338	10786	8479
-15°	15154	17154	18439	18846	18439	17154	15154	12955	10897	8943	7028
-17.5°	11492	12569	13292	13486	13292	12569	11492	10058	8673	7121	5568
-20°	8610	9277	9746	9857	9746	9277	8610	7646	6584	5318	4158

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REPORT NUMBER: P627004 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	6273	6775	7154	7229	7154	6775	6273	5569	4697	3777	2896
-25°	4327	4747	5004	5023	5004	4747	4327	3754	3106	2541	1922
-27.5°	2713	2943	3062	3104	3062	2943	2713	2373	1940	1671	1346
-30°	1676	1783	1839	1840	1839	1783	1676	1521	1314	1155	996
-32.5°	1138	1189	1217	1217	1217	1189	1138	1063	964	869	782
-35°	853	879	894	896	894	879	853	814	762	704	646
-37.5°	686	700	708	709	708	700	686	662	630	593	554
-40°	573	583	590	594	590	583	573	558	538	514	488
-42.5°	496	502	505	503	505	502	496	487	473	456	438
-45°	442	446	448	449	448	446	442	436	426	413	399
-47.5°	399	400	402	402	402	400	399	395	388	377	364
-50°	365	366	367	366	367	366	365	362	357	347	336
-52.5°	337	338	338	339	338	338	337	336	332	323	311
-55°	315	316	316	317	316	316	315	313	310	301	291
-57.5°	296	298	298	297	298	298	296	293	290	282	272
-60°	276	278	279	280	279	278	276	273	269	261	251
-62.5°	249	251	252	253	252	251	249	245	242	235	226
-65°	217	219	223	226	223	219	217	215	211	206	199
-67.5°	189	190	193	196	193	190	189	186	183	179	172
-70°	164	166	167	167	167	166	164	161	158	154	148
-72.5°	139	142	142	142	142	142	139	137	134	131	125
-75°	115	117	118	118	118	117	115	113	110	107	103
-77.5°	91	93	93	93	93	93	91	89	87	84	81
-80°	69	71	70	69	70	71	69	67	65	63	60
-82.5°	47	49	48	47	48	49	47	46	44	42	41
-85°	28	29	28	27	28	29	28	28	27	26	25
-87.5°	12	12	11	10	11	12	12	11	10	9	9
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627004 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	1	0	0	0	0	0	0	0	0	0	0
62.5°	3	3	3	3	2	1	1	1	1	0	1
60°	12	9	11	11	9	6	6	5	2	2	2
57.5°	36	34	29	26	25	21	17	14	11	8	5
55°	54	51	46	41	36	33	30	26	21	16	12
52.5°	68	66	62	56	51	47	41	37	33	28	21
50°	95	90	84	78	71	64	58	51	44	39	33
47.5°	121	115	110	102	93	84	77	68	58	50	44
45°	148	138	130	122	113	102	94	84	74	63	54
42.5°	173	160	148	141	130	119	109	100	88	77	66
40°	206	186	173	163	152	136	126	116	104	90	80
37.5°	251	224	208	195	181	164	148	135	121	106	93
35°	312	279	248	229	214	192	173	156	140	124	108
32.5°	379	337	294	264	240	218	197	178	158	141	124
30°	476	408	348	300	269	243	218	197	176	157	140
27.5°	629	503	422	349	300	268	241	215	192	172	153
25°	882	661	518	417	339	296	266	236	209	186	166
22.5°	1270	926	670	501	403	342	296	257	226	203	181
20°	1944	1292	898	656	500	396	333	285	250	221	196
17.5°	2994	2024	1195	853	630	481	382	318	274	239	210
15°	4204	2849	1782	1138	778	552	426	350	299	258	225
12.5°	5428	3701	2290	1370	903	631	479	387	325	275	237
10°	6398	4463	2821	1704	1062	712	525	415	342	289	248
7.5°	7396	5087	3268	1955	1194	779	560	438	356	300	257
5°	8125	5595	3648	2152	1299	832	588	456	368	309	264
2.5°	8623	5941	3905	2272	1368	868	609	469	379	315	269
0°	8853	6105	4024	2358	1406	891	626	478	388	319	272
-2.5°	8800	6095	3952	2328	1408	902	632	481	390	323	275
-5°	8447	5877	3823	2267	1372	896	634	482	391	325	276
-7.5°	7955	5491	3534	2115	1300	872	629	481	390	326	278
-10°	7189	4888	3136	1909	1203	831	612	473	386	325	277
-12.5°	6244	4207	2667	1600	1068	768	581	458	378	320	275
-15°	5141	3490	2233	1413	959	704	545	438	369	313	271
-17.5°	4051	2731	1715	1163	846	648	517	425	358	306	267
-20°	2977	1985	1383	983	736	582	482	406	346	300	263

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REPORT NUMBER: P627004 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	2065	1499	1076	806	651	535	450	384	331	292	258
-25°	1488	1114	862	701	576	485	420	366	321	283	251
-27.5°	1093	864	725	604	511	449	395	347	308	274	245
-30°	842	719	614	525	465	414	371	331	296	264	237
-32.5°	683	607	528	473	425	384	348	314	282	255	229
-35°	581	524	472	429	391	358	326	297	270	244	219
-37.5°	508	463	427	393	363	334	307	282	257	232	209
-40°	454	419	389	362	337	313	291	268	244	220	200
-42.5°	412	385	358	336	315	296	276	254	232	210	191
-45°	379	356	332	314	296	279	262	242	220	201	182
-47.5°	349	330	312	294	278	262	247	229	210	192	173
-50°	324	307	291	275	262	248	232	217	199	180	163
-52.5°	299	286	273	260	247	233	218	202	185	169	154
-55°	280	269	257	244	231	218	204	189	173	159	143
-57.5°	262	251	240	229	219	205	190	176	161	146	131
-60°	242	232	222	212	201	190	175	161	147	133	119
-62.5°	218	209	200	190	181	170	156	143	131	120	107
-65°	191	183	175	166	157	146	135	125	115	106	94
-67.5°	166	158	150	142	133	124	116	107	99	90	79
-70°	142	136	129	121	113	105	98	90	82	74	66
-72.5°	120	115	109	102	95	88	81	74	67	60	53
-75°	99	94	89	83	78	72	66	60	55	49	44
-77.5°	78	74	70	65	61	57	52	48	43	39	34
-80°	58	55	52	49	46	42	39	35	31	28	25
-82.5°	40	38	37	34	31	29	26	24	21	18	16
-85°	24	23	22	20	18	17	15	14	12	10	9
-87.5°	9	9	9	8	7	7	6	5	5	4	3
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627004 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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	1	1	1	0	0	0	1	1	0	0
57.5°	4	3	2	1	1	1	0	1	1	0	0
55°	8	6	4	2	2	2	1	1	2	1	0
52.5°	16	11	7	4	2	3	2	1	2	2	1
50°	25	18	12	8	3	3	2	2	2	2	1
47.5°	37	27	19	13	7	4	3	2	2	2	2
45°	47	39	27	19	12	7	5	2	2	3	2
42.5°	57	49	38	24	18	11	6	4	2	3	3
40°	69	59	48	35	23	15	10	6	3	3	3
37.5°	81	69	57	44	30	20	13	8	4	3	3
35°	94	81	67	52	38	26	16	11	6	4	3
32.5°	106	92	76	61	45	32	20	13	8	5	3
30°	120	101	85	69	52	38	25	16	10	6	3
27.5°	134	111	93	76	59	44	31	20	12	7	3
25°	146	122	101	83	66	50	36	23	15	9	4
22.5°	158	134	109	89	73	55	41	27	18	10	5
20°	170	144	117	98	80	62	46	32	20	12	6
17.5°	182	155	128	107	87	68	50	35	23	13	7
15°	194	166	138	115	94	73	55	39	26	15	8
12.5°	205	175	147	123	100	78	59	42	28	16	10
10°	214	184	155	130	107	83	62	45	31	18	11
7.5°	222	191	162	136	112	87	66	48	33	19	12
5°	229	197	167	141	117	91	69	50	36	20	13
2.5°	233	201	171	144	120	95	71	52	38	21	14
0°	236	204	174	147	123	98	74	54	39	22	15
-2.5°	238	206	178	150	125	101	76	56	41	24	15
-5°	240	208	180	153	128	104	78	57	42	26	15
-7.5°	241	209	182	154	129	106	79	58	43	28	15
-10°	241	211	183	156	131	107	80	58	43	29	16
-12.5°	240	211	184	156	131	107	81	60	44	30	16
-15°	238	211	183	156	131	107	82	61	45	30	16
-17.5°	235	210	182	155	131	107	83	61	45	30	16
-20°	233	207	180	152	129	106	83	61	45	29	17

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REPORT NUMBER: P627004 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	230	203	176	150	128	106	82	60	44	29	18
-25°	225	198	173	148	126	104	81	59	43	28	18
-27.5°	219	193	169	146	124	102	79	58	42	27	18
-30°	212	188	165	142	121	99	76	56	41	27	18
-32.5°	204	183	160	138	117	96	72	54	39	27	18
-35°	197	177	155	133	113	91	69	51	38	26	18
-37.5°	189	170	149	127	108	87	67	50	36	26	17
-40°	181	162	141	122	103	82	64	48	35	25	17
-42.5°	173	154	135	116	98	79	61	46	34	24	16
-45°	164	146	128	110	92	75	59	44	32	23	15
-47.5°	155	139	122	104	88	71	56	42	30	22	15
-50°	148	131	114	97	82	67	52	39	29	21	14
-52.5°	138	122	105	90	76	62	48	36	27	19	13
-55°	128	111	96	83	69	56	43	33	25	18	12
-57.5°	116	101	88	75	63	50	39	30	23	16	11
-60°	105	92	80	67	55	44	35	27	20	14	10
-62.5°	94	82	70	59	48	39	31	24	18	13	9
-65°	82	71	60	51	42	34	27	21	16	12	8
-67.5°	69	60	51	43	35	29	23	19	14	10	7
-70°	58	50	42	36	29	24	20	16	12	9	6
-72.5°	47	41	34	28	24	20	17	13	10	8	6
-75°	38	32	27	23	20	17	14	11	8	6	5
-77.5°	29	25	21	18	16	13	10	8	6	5	4
-80°	22	19	16	14	12	10	8	6	5	4	3
-82.5°	14	13	11	10	8	7	5	4	3	3	2
-85°	8	7	7	6	5	4	3	2	2	2	2
-87.5°	3	3	3	3	2	2	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: P627004 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	1	0	0	0	0	0	0
47.5°	1	1	0	0	0	0	0
45°	1	1	0	0	0	0	0
42.5°	2	1	0	0	0	0	0
40°	2	1	0	0	0	0	0
37.5°	2	2	0	0	0	0	0
35°	2	2	1	0	0	0	0
32.5°	3	2	1	0	0	0	0
30°	3	2	1	0	0	0	0
27.5°	3	2	1	0	0	0	0
25°	3	2	2	0	0	0	0
22.5°	3	3	2	0	0	0	0
20°	3	3	2	0	0	0	0
17.5°	3	3	2	0	0	0	0
15°	3	3	2	0	0	0	0
12.5°	3	3	2	0	0	0	0
10°	4	3	2	0	0	0	0
7.5°	4	3	2	0	0	0	0
5°	4	3	2	0	0	0	0
2.5°	5	3	2	0	0	0	0
0°	5	3	3	0	0	0	0
-2.5°	6	3	2	0	0	0	0
-5°	7	3	2	0	0	0	0
-7.5°	8	3	2	0	0	0	0
-10°	8	3	2	1	0	0	0
-12.5°	9	4	2	1	0	0	0
-15°	9	4	2	1	0	0	0
-17.5°	10	4	2	1	0	0	0
-20°	10	4	2	1	0	0	0

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REPORT NUMBER: P627004 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	10	4	2	1	0	0	0
-25°	10	4	2	1	0	0	0
-27.5°	10	5	2	1	0	0	0
-30°	10	5	3	1	0	0	0
-32.5°	10	5	3	1	0	0	0
-35°	10	5	3	1	0	0	0
-37.5°	10	5	3	1	0	0	0
-40°	10	5	3	1	0	0	0
-42.5°	10	5	3	1	0	0	0
-45°	9	5	3	0	0	0	0
-47.5°	9	5	3	0	0	0	0
-50°	8	5	3	0	0	0	0
-52.5°	8	5	3	0	0	0	0
-55°	8	5	2	0	0	0	0
-57.5°	7	4	2	1	0	0	0
-60°	6	4	2	1	0	0	0
-62.5°	6	4	2	1	0	0	0
-65°	6	3	2	1	0	0	0
-67.5°	5	3	2	1	0	0	0
-70°	5	3	1	1	0	0	0
-72.5°	4	3	1	0	0	0	0
-75°	4	2	1	0	0	0	0
-77.5°	3	2	1	0	0	0	0
-80°	3	2	1	0	0	0	0
-82.5°	2	1	1	0	0	0	0
-85°	1	1	0	0	0	0	0
-87.5°	1	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)