

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: P627244 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-722-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627244 (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-SA3E-722-U-MR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (48) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16598 lumens
Efficiency: N/A
Efficacy: 89.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 58521.4 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 8299.1 lumens
Beam Efficiency: 50.0%

Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 14260.7 lumens
Field Efficiency: 85.9%

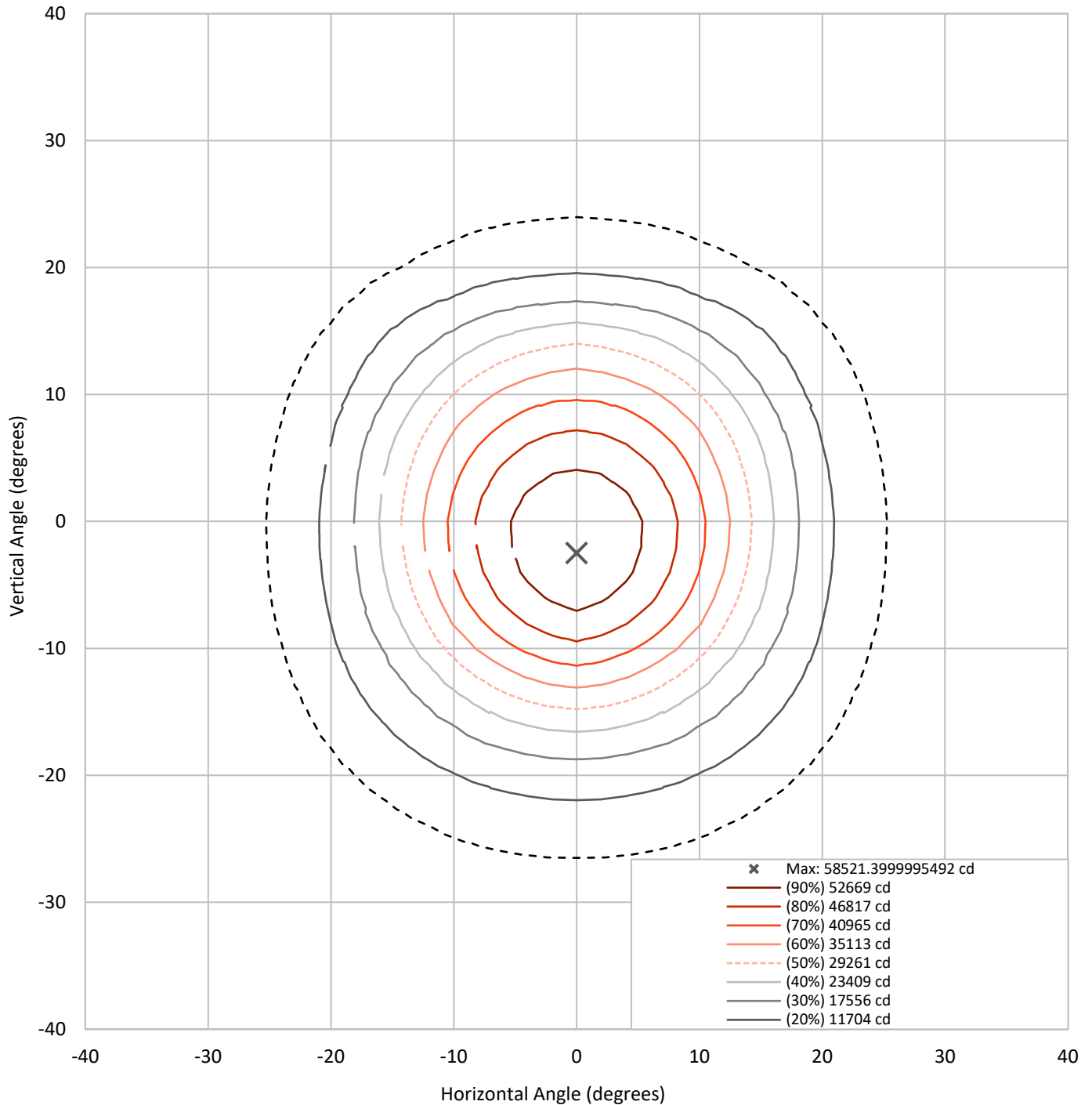
Input Watts (W): 185.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P627244 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-MR-VSR-XX

Iso-Candela Plot





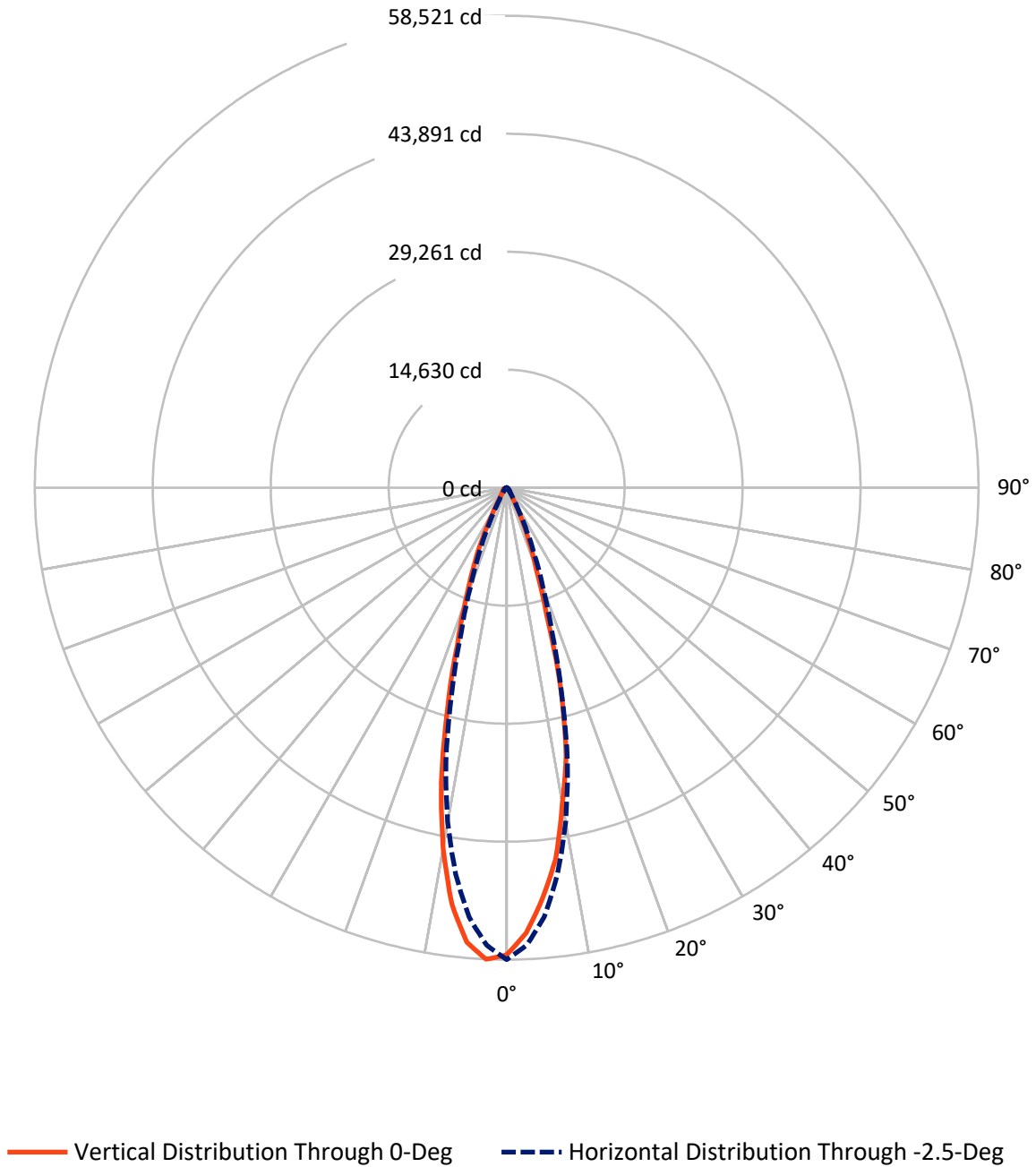
REPORT NUMBER: P627244 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

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	0.5	1.1	1.9	2.6	3.1	3.1	2.6	1.9	1.1	0.5	0.1		0.0			
40	0.0	0.1	0.6	1.8	3.5	5.4	7.5	8.8	8.8	7.5	5.4	3.5	1.8	0.6	0.1	0.0			
30		0.2	1.4	3.6	6.5	10.7	17.9	23.9	23.9	17.9	10.7	6.5	3.6	1.4	0.2				
20	0.1	0.5	2.2	5.4	10.3	25.1	78.8	144.5	144.5	78.8	25.1	10.3	5.4	2.2	0.5	0.1			
10		0.8	3.1	7.4	17.7	86.5	351.5	688.3	688.3	351.5	86.5	17.7	7.4	3.1	0.8				
0	0.2	1.0	3.8	8.8	25.3	164.8	709.7	1391.1	1391.1	709.7	164.8	25.3	8.8	3.8	1.0	0.2			
-10		1.2	4.1	9.3	27.1	172.6	728.3	1475.1	1475.1	728.3	172.6	27.1	9.3	4.1	1.2				
-20	0.3	1.3	4.2	9.0	22.3	106.0	402.7	780.6	780.6	402.7	106.0	22.3	9.0	4.2	1.3	0.3			
-30		1.2	4.0	8.3	16.3	41.2	124.7	222.5	222.5	124.7	41.2	16.3	8.3	4.0	1.2				
-40	0.3	1.1	3.5	7.2	12.4	20.3	33.2	44.4	44.4	33.2	20.3	12.4	7.2	3.5	1.1	0.3			
-50		0.9	2.9	5.9	9.8	14.0	18.4	20.7	20.7	18.4	14.0	9.8	5.9	2.9	0.9				
-60	0.2	0.7	2.2	4.6	7.6	10.6	13.3	14.5	14.5	13.3	10.6	7.6	4.6	2.2	0.7	0.2			
-70		0.4	1.4	3.0	5.1	7.2	9.1	10.0	10.0	9.1	7.2	5.1	3.0	1.4	0.4				
-80	0.1	1.1	4.9	10.6	13.4	10.6	4.9	1.1	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

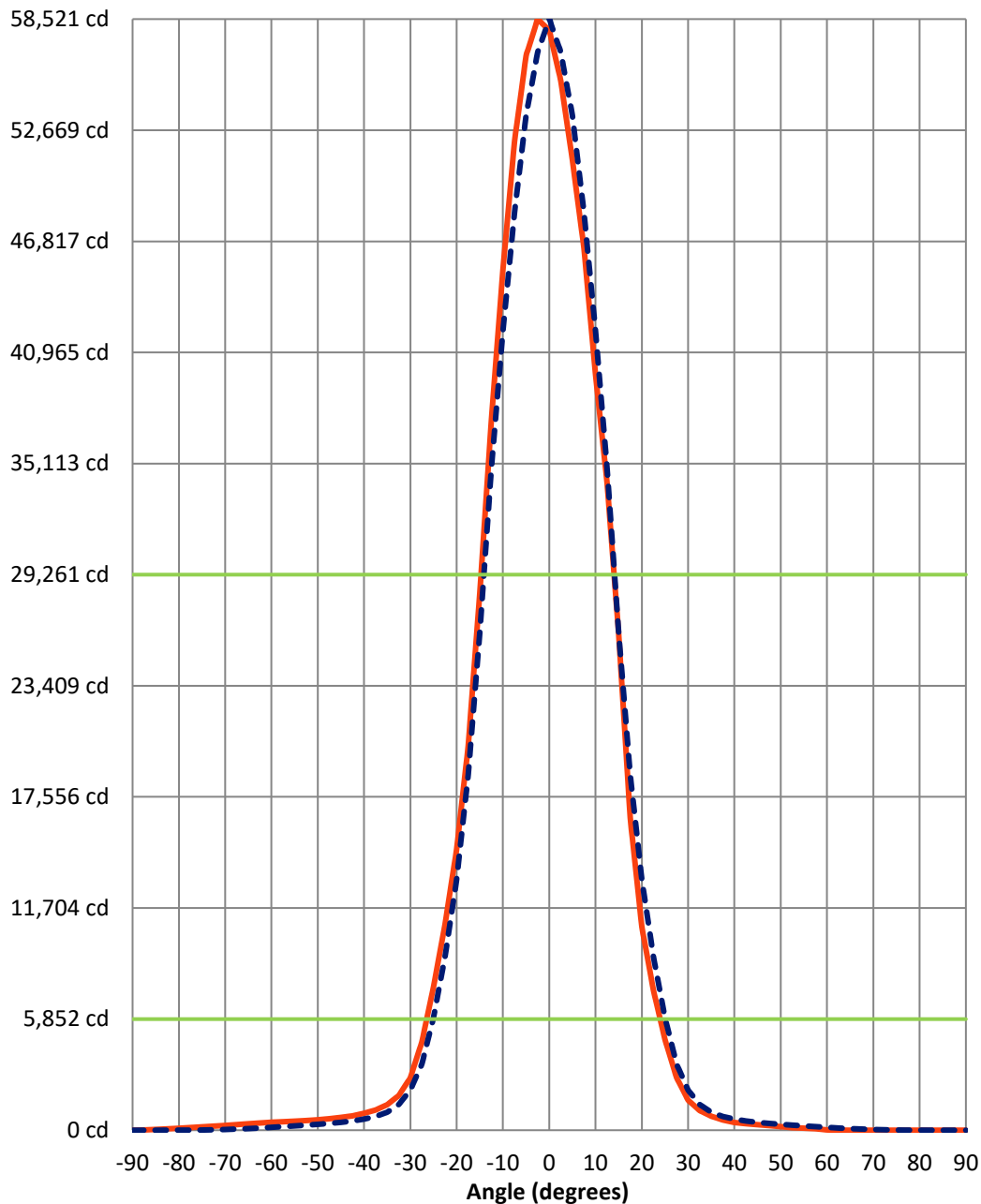
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 8299.1
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 14260.7
 Efficiency: 85.9%

Spill:
 Lumens: 2337.2
 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	1	1
57.5°	0	0	0	0	0	0	0	0	1	2	1
55°	0	0	0	0	0	0	0	0	2	2	2
52.5°	0	0	0	0	0	0	1	1	3	3	2
50°	0	0	0	0	0	0	1	2	3	3	3
47.5°	0	0	0	0	0	1	1	3	4	3	3
45°	0	0	0	0	0	1	2	3	4	3	4
42.5°	0	0	0	0	0	2	3	4	4	4	6
40°	0	0	0	0	0	2	3	4	4	4	9
37.5°	0	0	0	0	1	3	3	4	5	5	12
35°	0	0	0	0	1	3	4	4	5	9	16
32.5°	0	0	0	0	1	3	4	4	7	12	20
30°	0	0	0	0	2	3	4	4	8	16	25
27.5°	0	0	0	0	2	4	4	5	10	19	29
25°	0	0	0	0	2	4	4	6	13	22	35
22.5°	0	0	0	0	3	4	4	8	16	26	41
20°	0	0	0	0	3	4	4	9	18	30	47
17.5°	0	0	0	0	3	4	4	11	20	35	53
15°	0	0	0	0	3	4	4	12	22	39	58
12.5°	0	0	0	0	3	4	5	14	24	43	63
10°	0	0	0	0	3	4	5	16	26	47	67
7.5°	0	0	0	0	4	4	6	18	28	50	71
5°	0	0	0	0	4	4	6	19	30	54	75
2.5°	0	0	0	0	4	4	7	21	32	56	78
0°	0	0	0	0	4	4	7	22	33	59	81
-2.5°	0	0	0	0	4	4	7	22	33	59	81
-5°	0	0	0	0	4	5	10	23	39	63	85
-7.5°	0	0	0	1	4	5	11	23	42	64	87
-10°	0	0	0	1	4	5	13	23	44	65	88
-12.5°	0	0	0	1	4	5	13	23	45	66	90
-15°	0	0	0	1	3	6	14	24	45	67	91
-17.5°	0	0	0	1	3	6	15	24	45	67	92
-20°	0	0	0	2	3	6	15	26	44	67	92

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REPORT NUMBER: P627244 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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	2	3	6	15	27	43	66	91
-25°	0	0	0	2	3	6	15	27	42	65	88
-27.5°	0	0	0	2	4	7	15	28	41	63	87
-30°	0	0	0	2	4	7	15	28	40	61	84
-32.5°	0	0	0	2	4	7	15	27	40	59	80
-35°	0	0	0	1	4	7	15	27	40	57	76
-37.5°	0	0	0	1	5	8	15	26	39	54	74
-40°	0	0	0	1	5	8	15	25	37	52	72
-42.5°	0	0	0	1	5	8	14	24	36	51	70
-45°	0	0	0	1	5	8	14	23	35	48	66
-47.5°	0	0	0	0	4	8	13	22	33	46	63
-50°	0	0	0	1	4	8	13	21	31	43	59
-52.5°	0	0	0	1	4	7	12	19	29	41	54
-55°	0	0	0	1	3	7	11	17	27	37	50
-57.5°	0	0	0	1	3	7	11	16	24	34	45
-60°	0	0	0	1	3	6	10	15	22	31	41
-62.5°	0	0	0	1	3	6	9	13	20	27	36
-65°	0	0	0	1	3	5	8	12	17	24	32
-67.5°	0	0	0	1	2	5	8	11	15	21	28
-70°	0	0	0	1	2	4	7	10	13	18	24
-72.5°	0	0	0	1	2	4	6	8	11	15	20
-75°	0	0	0	1	2	3	5	7	9	12	16
-77.5°	0	0	0	1	2	3	5	6	7	9	12
-80°	0	0	0	0	1	2	4	5	6	7	9
-82.5°	0	0	0	0	1	2	3	3	4	5	6
-85°	0	0	0	0	1	1	2	2	3	3	3
-87.5°	0	0	0	0	0	1	1	1	1	1	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627244 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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	1	1	0	1	1
60°	0	0	1	1	1	2	2	3	3	4	8
57.5°	0	1	2	2	3	4	6	7	12	17	20
55°	1	2	3	3	5	9	12	18	25	32	39
52.5°	2	4	3	6	11	16	23	32	42	49	55
50°	3	4	5	12	18	27	38	50	59	66	76
47.5°	5	6	11	19	28	41	56	66	74	88	103
45°	7	11	18	28	41	58	71	81	95	111	126
42.5°	10	16	26	37	57	73	86	100	115	133	150
40°	14	22	35	52	72	88	104	119	136	156	174
37.5°	19	30	45	66	86	104	122	140	160	181	202
35°	23	39	57	79	100	122	141	162	186	210	234
32.5°	30	48	68	91	114	138	160	186	212	237	267
30°	38	57	78	103	127	152	181	210	235	264	296
27.5°	46	65	89	114	139	167	201	230	258	289	323
25°	54	74	99	125	152	184	220	250	279	314	354
22.5°	61	83	110	134	164	201	238	272	305	339	386
20°	69	93	121	147	176	217	256	294	332	375	428
17.5°	75	102	131	160	193	233	274	316	359	412	478
15°	82	110	141	173	208	249	292	338	388	450	525
12.5°	88	118	151	184	221	263	308	356	414	488	582
10°	94	124	160	195	233	276	322	372	434	514	624
7.5°	99	131	169	204	243	287	334	385	451	535	657
5°	103	137	175	211	250	296	343	397	464	553	684
2.5°	107	143	180	217	257	302	349	404	473	569	705
0°	110	147	184	221	262	306	354	409	479	582	718
-2.5°	114	152	188	226	267	310	358	413	485	586	722
-5°	117	156	192	229	270	312	360	415	489	587	724
-7.5°	119	159	194	232	273	314	362	417	490	586	723
-10°	120	160	196	234	275	316	362	416	488	580	711
-12.5°	122	161	197	235	276	317	361	413	481	568	688
-15°	124	161	197	234	275	316	358	406	470	554	658
-17.5°	124	161	196	232	273	315	354	400	460	538	638
-20°	124	160	194	229	270	311	350	395	450	520	609

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CATALOG NUMBER: GFLD-SA3E-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°	123	158	192	225	265	305	345	387	438	497	577
-25°	121	156	189	223	259	298	338	377	426	482	550
-27.5°	118	154	186	219	253	290	328	367	412	463	522
-30°	114	149	181	214	247	282	318	356	396	444	498
-32.5°	108	144	175	207	241	274	306	343	382	423	472
-35°	104	137	169	200	233	265	296	329	366	405	446
-37.5°	100	130	162	191	223	255	284	314	348	386	423
-40°	97	123	154	183	212	243	272	300	330	367	402
-42.5°	92	118	146	175	202	231	260	286	315	348	382
-45°	88	113	139	166	193	219	246	274	302	331	363
-47.5°	84	107	132	156	183	208	232	259	288	315	343
-50°	78	100	123	146	171	197	222	244	270	298	325
-52.5°	72	93	114	135	158	183	208	232	254	278	304
-55°	65	84	104	124	144	167	192	215	239	260	283
-57.5°	59	75	94	113	132	151	174	197	220	242	264
-60°	53	66	83	101	120	138	157	178	200	221	241
-62.5°	46	59	72	88	106	124	142	160	180	197	215
-65°	41	51	63	76	91	107	123	141	159	173	187
-67.5°	35	44	53	64	77	90	104	119	135	149	161
-70°	30	36	44	53	63	74	86	99	111	123	135
-72.5°	25	31	36	42	51	61	71	80	90	101	111
-75°	21	25	30	35	41	49	57	66	74	82	90
-77.5°	16	20	24	27	32	38	44	51	58	65	72
-80°	11	14	18	21	25	28	32	37	42	47	52
-82.5°	8	10	12	15	17	19	21	24	28	32	35
-85°	4	6	7	9	10	11	12	13	16	18	20
-87.5°	2	3	3	4	5	5	5	5	6	7	8
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627244 (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	1	1	1	0	0	0
62.5°	1	2	3	4	4	4	5	5	5	5	5
60°	9	9	14	17	16	13	18	21	20	17	17
57.5°	26	32	37	39	44	51	54	53	53	56	63
55°	45	50	54	61	69	76	81	85	90	94	100
52.5°	62	70	76	84	94	100	102	113	122	129	133
50°	88	96	106	116	126	135	142	152	165	177	185
47.5°	115	126	139	154	165	173	182	197	213	228	237
45°	141	154	169	184	196	208	222	239	256	271	283
42.5°	163	178	195	211	222	240	260	278	299	318	333
40°	190	204	229	245	260	279	309	335	359	383	398
37.5°	222	246	272	293	312	337	377	417	448	480	502
35°	260	289	321	344	373	418	469	523	578	622	662
32.5°	296	328	361	397	442	506	569	657	738	821	900
30°	328	364	404	451	523	612	715	849	995	1141	1306
27.5°	362	402	450	524	633	755	945	1156	1458	1701	2092
25°	399	445	509	627	778	992	1324	1701	2325	2858	3459
22.5°	444	514	606	753	1006	1391	1907	2729	3687	4577	5426
20°	500	594	751	985	1348	1940	2919	4166	5498	6800	8060
17.5°	573	723	947	1281	1794	3040	4495	6278	8559	10273	11898
15°	640	829	1168	1708	2675	4278	6313	9042	12113	14696	17617
12.5°	719	948	1356	2057	3439	5558	8151	11406	15041	18961	23537
10°	788	1069	1594	2559	4236	6701	9608	13428	18097	23644	29428
7.5°	841	1170	1794	2936	4907	7639	11106	15753	21667	28150	34746
5°	882	1249	1950	3231	5478	8401	12200	17593	24333	31774	38333
2.5°	915	1304	2054	3412	5864	8921	12948	18571	25965	34141	41027
0°	940	1338	2111	3541	6043	9168	13295	18965	26729	35300	42382
-2.5°	948	1355	2114	3496	5934	9153	13214	18723	26202	34840	42095
-5°	952	1346	2061	3404	5741	8824	12685	17803	24591	32693	40045
-7.5°	944	1310	1953	3176	5307	8245	11946	16439	22002	29146	36745
-10°	919	1247	1806	2866	4709	7340	10796	14592	19036	24868	31026
-12.5°	873	1153	1604	2403	4005	6317	9376	12732	16196	20029	25094
-15°	818	1057	1439	2122	3354	5241	7719	10554	13428	16363	19453
-17.5°	776	974	1270	1747	2575	4101	6083	8360	10693	13023	15104
-20°	723	874	1106	1476	2077	2981	4471	6243	7986	9886	11481

Classified

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

Scaled Data Report



REPORT NUMBER: P627244 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	676	804	977	1211	1615	2251	3101	4348	5672	7053	8362
-25°	631	728	865	1053	1295	1673	2234	2886	3815	4664	5637
-27.5°	593	674	768	907	1089	1297	1641	2022	2509	2914	3563
-30°	557	622	699	788	922	1080	1265	1496	1734	1973	2284
-32.5°	523	577	638	710	793	911	1026	1174	1304	1448	1596
-35°	489	538	588	645	709	786	873	971	1057	1144	1222
-37.5°	461	501	545	590	641	695	763	832	890	947	995
-40°	436	470	506	544	585	629	681	732	772	808	839
-42.5°	414	444	472	504	538	579	619	658	685	711	731
-45°	393	419	445	471	499	534	569	599	621	640	655
-47.5°	371	394	418	441	468	496	524	547	566	582	593
-50°	349	372	393	413	437	462	486	505	522	536	544
-52.5°	328	349	371	391	411	430	449	468	484	499	505
-55°	307	328	347	366	385	404	421	437	452	466	470
-57.5°	286	308	328	344	360	376	393	409	423	436	441
-60°	263	285	303	318	333	349	363	377	392	404	410
-62.5°	235	255	271	286	300	314	327	340	352	363	369
-65°	202	219	235	250	262	275	287	298	309	317	322
-67.5°	174	186	200	213	226	238	249	259	268	275	280
-70°	147	158	170	181	193	204	213	222	231	237	242
-72.5°	122	132	142	153	163	172	180	188	196	201	206
-75°	99	107	116	125	134	142	148	155	161	166	170
-77.5°	79	85	92	98	105	111	116	122	127	130	134
-80°	58	63	69	73	78	82	87	91	95	98	101
-82.5°	39	43	47	51	55	58	60	62	64	66	69
-85°	23	25	28	30	33	34	36	37	39	40	42
-87.5°	9	10	11	12	13	14	14	14	14	15	16
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627244 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	4	4	4	4	4	4	4	5	5	5	5
60°	16	15	15	15	15	15	16	17	17	20	21
57.5°	69	74	77	77	77	74	69	63	56	53	53
55°	104	108	109	107	109	108	104	100	94	90	85
52.5°	135	135	135	133	135	135	135	133	129	122	113
50°	187	187	187	188	187	187	187	185	177	165	152
47.5°	241	244	245	243	245	244	241	237	228	213	197
45°	288	291	293	291	293	291	288	283	271	256	239
42.5°	338	341	342	343	342	341	338	333	318	299	278
40°	405	407	406	405	406	407	405	398	383	359	335
37.5°	517	525	528	538	528	525	517	502	480	448	417
35°	692	711	721	737	721	711	692	662	622	578	523
32.5°	956	995	1015	1035	1015	995	956	900	821	738	657
30°	1421	1497	1528	1584	1528	1497	1421	1306	1141	995	849
27.5°	2379	2559	2630	2778	2630	2559	2379	2092	1701	1458	1156
25°	4007	4395	4610	4779	4610	4395	4007	3459	2858	2325	1701
22.5°	6282	6852	7156	7381	7156	6852	6282	5426	4577	3687	2729
20°	9201	9953	10401	10726	10401	9953	9201	8060	6800	5498	4166
17.5°	13984	15165	15855	16449	15855	15165	13984	11898	10273	8559	6278
15°	20877	23250	25094	26121	25094	23250	20877	17617	14696	12113	9042
12.5°	27582	31058	33123	34073	33123	31058	27582	23537	18961	15041	11406
10°	34214	37491	39456	39803	39456	37491	34214	29428	23644	18097	13428
7.5°	39290	42895	45505	46454	45505	42895	39290	34746	28150	21667	15753
5°	43774	47995	50757	51108	50757	47995	43774	38333	31774	24333	17593
2.5°	47073	51661	54340	55260	54340	51661	47073	41027	34141	25965	18571
0°	48668	53610	56590	57932	56590	53610	48668	42382	35300	26729	18965
-2.5°	48333	53443	56771	58521	56771	53443	48333	42095	34840	26202	18723
-5°	46495	51620	54723	56583	54723	51620	46495	40045	32693	24591	17803
-7.5°	42257	47050	50353	52069	50353	47050	42257	36745	29146	22002	16439
-10°	36796	40853	43863	45326	43863	40853	36796	31026	24868	19036	14592
-12.5°	29700	33635	36351	37386	36351	33635	29700	25094	20029	16196	12732
-15°	22756	25759	27688	28299	27688	25759	22756	19453	16363	13428	10554
-17.5°	17257	18874	19959	20251	19959	18874	17257	15104	13023	10693	8360
-20°	12929	13931	14635	14802	14635	13931	12929	11481	9886	7986	6243

Classified

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

Scaled Data Report



REPORT NUMBER: P627244 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	9420	10173	10742	10855	10742	10173	9420	8362	7053	5672	4348
-25°	6498	7128	7514	7543	7514	7128	6498	5637	4664	3815	2886
-27.5°	4074	4420	4598	4661	4598	4420	4074	3563	2914	2509	2022
-30°	2517	2677	2761	2764	2761	2677	2517	2284	1973	1734	1496
-32.5°	1709	1786	1828	1828	1828	1786	1709	1596	1448	1304	1174
-35°	1280	1320	1343	1345	1343	1320	1280	1222	1144	1057	971
-37.5°	1029	1051	1063	1065	1063	1051	1029	995	947	890	832
-40°	861	876	886	892	886	876	861	839	808	772	732
-42.5°	744	754	759	755	759	754	744	731	711	685	658
-45°	663	669	673	674	673	669	663	655	640	621	599
-47.5°	599	601	603	604	603	601	599	593	582	566	547
-50°	547	550	551	549	551	550	547	544	536	522	505
-52.5°	507	507	508	509	508	507	507	505	499	484	468
-55°	473	474	475	475	475	474	473	470	466	452	437
-57.5°	444	448	448	446	448	448	444	441	436	423	409
-60°	414	418	420	420	420	418	414	410	404	392	377
-62.5°	373	377	379	380	379	377	373	369	363	352	340
-65°	326	330	334	339	334	330	326	322	317	309	298
-67.5°	283	286	290	295	290	286	283	280	275	268	259
-70°	246	249	250	251	250	249	246	242	237	231	222
-72.5°	209	213	213	214	213	213	209	206	201	196	188
-75°	173	176	177	177	177	176	173	170	166	161	155
-77.5°	137	139	140	140	140	139	137	134	130	127	122
-80°	104	106	105	103	105	106	104	101	98	95	91
-82.5°	71	73	72	70	72	73	71	69	66	64	62
-85°	43	44	42	41	42	44	43	42	40	39	37
-87.5°	17	18	17	15	17	18	17	16	15	14	14
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627244 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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	1	0	0	0	0	0	0	0	0	0
62.5°	5	4	4	4	3	2	1	1	1	0	1
60°	18	13	16	17	14	9	9	8	4	3	3
57.5°	54	51	44	39	37	32	26	20	17	12	7
55°	81	76	69	61	54	50	45	39	32	25	18
52.5°	102	100	94	84	76	70	62	55	49	42	32
50°	142	135	126	116	106	96	88	76	66	59	50
47.5°	182	173	165	154	139	126	115	103	88	74	66
45°	222	208	196	184	169	154	141	126	111	95	81
42.5°	260	240	222	211	195	178	163	150	133	115	100
40°	309	279	260	245	229	204	190	174	156	136	119
37.5°	377	337	312	293	272	246	222	202	181	160	140
35°	469	418	373	344	321	289	260	234	210	186	162
32.5°	569	506	442	397	361	328	296	267	237	212	186
30°	715	612	523	451	404	364	328	296	264	235	210
27.5°	945	755	633	524	450	402	362	323	289	258	230
25°	1324	992	778	627	509	445	399	354	314	279	250
22.5°	1907	1391	1006	753	606	514	444	386	339	305	272
20°	2919	1940	1348	985	751	594	500	428	375	332	294
17.5°	4495	3040	1794	1281	947	723	573	478	412	359	316
15°	6313	4278	2675	1708	1168	829	640	525	450	388	338
12.5°	8151	5558	3439	2057	1356	948	719	582	488	414	356
10°	9608	6701	4236	2559	1594	1069	788	624	514	434	372
7.5°	11106	7639	4907	2936	1794	1170	841	657	535	451	385
5°	12200	8401	5478	3231	1950	1249	882	684	553	464	397
2.5°	12948	8921	5864	3412	2054	1304	915	705	569	473	404
0°	13295	9168	6043	3541	2111	1338	940	718	582	479	409
-2.5°	13214	9153	5934	3496	2114	1355	948	722	586	485	413
-5°	12685	8824	5741	3404	2061	1346	952	724	587	489	415
-7.5°	11946	8245	5307	3176	1953	1310	944	723	586	490	417
-10°	10796	7340	4709	2866	1806	1247	919	711	580	488	416
-12.5°	9376	6317	4005	2403	1604	1153	873	688	568	481	413
-15°	7719	5241	3354	2122	1439	1057	818	658	554	470	406
-17.5°	6083	4101	2575	1747	1270	974	776	638	538	460	400
-20°	4471	2981	2077	1476	1106	874	723	609	520	450	395

Classified

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

Scaled Data Report



REPORT NUMBER: P627244 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	3101	2251	1615	1211	977	804	676	577	497	438	387
-25°	2234	1673	1295	1053	865	728	631	550	482	426	377
-27.5°	1641	1297	1089	907	768	674	593	522	463	412	367
-30°	1265	1080	922	788	699	622	557	498	444	396	356
-32.5°	1026	911	793	710	638	577	523	472	423	382	343
-35°	873	786	709	645	588	538	489	446	405	366	329
-37.5°	763	695	641	590	545	501	461	423	386	348	314
-40°	681	629	585	544	506	470	436	402	367	330	300
-42.5°	619	579	538	504	472	444	414	382	348	315	286
-45°	569	534	499	471	445	419	393	363	331	302	274
-47.5°	524	496	468	441	418	394	371	343	315	288	259
-50°	486	462	437	413	393	372	349	325	298	270	244
-52.5°	449	430	411	391	371	349	328	304	278	254	232
-55°	421	404	385	366	347	328	307	283	260	239	215
-57.5°	393	376	360	344	328	308	286	264	242	220	197
-60°	363	349	333	318	303	285	263	241	221	200	178
-62.5°	327	314	300	286	271	255	235	215	197	180	160
-65°	287	275	262	250	235	219	202	187	173	159	141
-67.5°	249	238	226	213	200	186	174	161	149	135	119
-70°	213	204	193	181	170	158	147	135	123	111	99
-72.5°	180	172	163	153	142	132	122	111	101	90	80
-75°	148	142	134	125	116	107	99	90	82	74	66
-77.5°	116	111	105	98	92	85	79	72	65	58	51
-80°	87	82	78	73	69	63	58	52	47	42	37
-82.5°	60	58	55	51	47	43	39	35	32	28	24
-85°	36	34	33	30	28	25	23	20	18	16	13
-87.5°	14	14	13	12	11	10	9	8	7	6	5
-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: P627244 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	1	0	0	0	0	0	0	0	0	0	0
60°	2	2	1	1	1	0	0	1	1	0	0
57.5°	6	4	3	2	2	1	0	1	2	1	0
55°	12	9	5	3	3	2	1	2	2	2	0
52.5°	23	16	11	6	3	4	2	2	3	3	1
50°	38	27	18	12	5	4	3	3	3	3	2
47.5°	56	41	28	19	11	6	5	3	3	4	3
45°	71	58	41	28	18	11	7	4	3	4	3
42.5°	86	73	57	37	26	16	10	6	4	4	4
40°	104	88	72	52	35	22	14	9	4	4	4
37.5°	122	104	86	66	45	30	19	12	5	5	4
35°	141	122	100	79	57	39	23	16	9	5	4
32.5°	160	138	114	91	68	48	30	20	12	7	4
30°	181	152	127	103	78	57	38	25	16	8	4
27.5°	201	167	139	114	89	65	46	29	19	10	5
25°	220	184	152	125	99	74	54	35	22	13	6
22.5°	238	201	164	134	110	83	61	41	26	16	8
20°	256	217	176	147	121	93	69	47	30	18	9
17.5°	274	233	193	160	131	102	75	53	35	20	11
15°	292	249	208	173	141	110	82	58	39	22	12
12.5°	308	263	221	184	151	118	88	63	43	24	14
10°	322	276	233	195	160	124	94	67	47	26	16
7.5°	334	287	243	204	169	131	99	71	50	28	18
5°	343	296	250	211	175	137	103	75	54	30	19
2.5°	349	302	257	217	180	143	107	78	56	32	21
0°	354	306	262	221	184	147	110	81	59	33	22
-2.5°	358	310	267	226	188	152	114	83	61	36	23
-5°	360	312	270	229	192	156	117	85	63	39	23
-7.5°	362	314	273	232	194	159	119	87	64	42	23
-10°	362	316	275	234	196	160	120	88	65	44	23
-12.5°	361	317	276	235	197	161	122	90	66	45	23
-15°	358	316	275	234	197	161	124	91	67	45	24
-17.5°	354	315	273	232	196	161	124	92	67	45	24
-20°	350	311	270	229	194	160	124	92	67	44	26

Classified

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

Scaled Data Report



REPORT NUMBER: P627244 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	345	305	265	225	192	158	123	91	66	43	27
-25°	338	298	259	223	189	156	121	88	65	42	27
-27.5°	328	290	253	219	186	154	118	87	63	41	28
-30°	318	282	247	214	181	149	114	84	61	40	28
-32.5°	306	274	241	207	175	144	108	80	59	40	27
-35°	296	265	233	200	169	137	104	76	57	40	27
-37.5°	284	255	223	191	162	130	100	74	54	39	26
-40°	272	243	212	183	154	123	97	72	52	37	25
-42.5°	260	231	202	175	146	118	92	70	51	36	24
-45°	246	219	193	166	139	113	88	66	48	35	23
-47.5°	232	208	183	156	132	107	84	63	46	33	22
-50°	222	197	171	146	123	100	78	59	43	31	21
-52.5°	208	183	158	135	114	93	72	54	41	29	19
-55°	192	167	144	124	104	84	65	50	37	27	17
-57.5°	174	151	132	113	94	75	59	45	34	24	16
-60°	157	138	120	101	83	66	53	41	31	22	15
-62.5°	142	124	106	88	72	59	46	36	27	20	13
-65°	123	107	91	76	63	51	41	32	24	17	12
-67.5°	104	90	77	64	53	44	35	28	21	15	11
-70°	86	74	63	53	44	36	30	24	18	13	10
-72.5°	71	61	51	42	36	31	25	20	15	11	8
-75°	57	49	41	35	30	25	21	16	12	9	7
-77.5°	44	38	32	27	24	20	16	12	9	7	6
-80°	32	28	25	21	18	14	11	9	7	6	5
-82.5°	21	19	17	15	12	10	8	6	5	4	3
-85°	12	11	10	9	7	6	4	3	3	3	2
-87.5°	5	5	5	4	3	3	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: P627244 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-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°	1	0	0	0	0	0	0
50°	1	0	0	0	0	0	0
47.5°	1	1	0	0	0	0	0
45°	2	1	0	0	0	0	0
42.5°	3	2	0	0	0	0	0
40°	3	2	0	0	0	0	0
37.5°	3	3	1	0	0	0	0
35°	4	3	1	0	0	0	0
32.5°	4	3	1	0	0	0	0
30°	4	3	2	0	0	0	0
27.5°	4	4	2	0	0	0	0
25°	4	4	2	0	0	0	0
22.5°	4	4	3	0	0	0	0
20°	4	4	3	0	0	0	0
17.5°	4	4	3	0	0	0	0
15°	4	4	3	0	0	0	0
12.5°	5	4	3	0	0	0	0
10°	5	4	3	0	0	0	0
7.5°	6	4	4	0	0	0	0
5°	6	4	4	0	0	0	0
2.5°	7	4	4	0	0	0	0
0°	7	4	4	0	0	0	0
-2.5°	9	4	4	0	0	0	0
-5°	10	5	4	0	0	0	0
-7.5°	11	5	4	1	0	0	0
-10°	13	5	4	1	0	0	0
-12.5°	13	5	4	1	0	0	0
-15°	14	6	3	1	0	0	0
-17.5°	15	6	3	1	0	0	0
-20°	15	6	3	2	0	0	0

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Scaled Data Report



REPORT NUMBER: P627244 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)