

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: P627964 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-722-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627964 (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-SA6E-722-U-MR-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (96) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

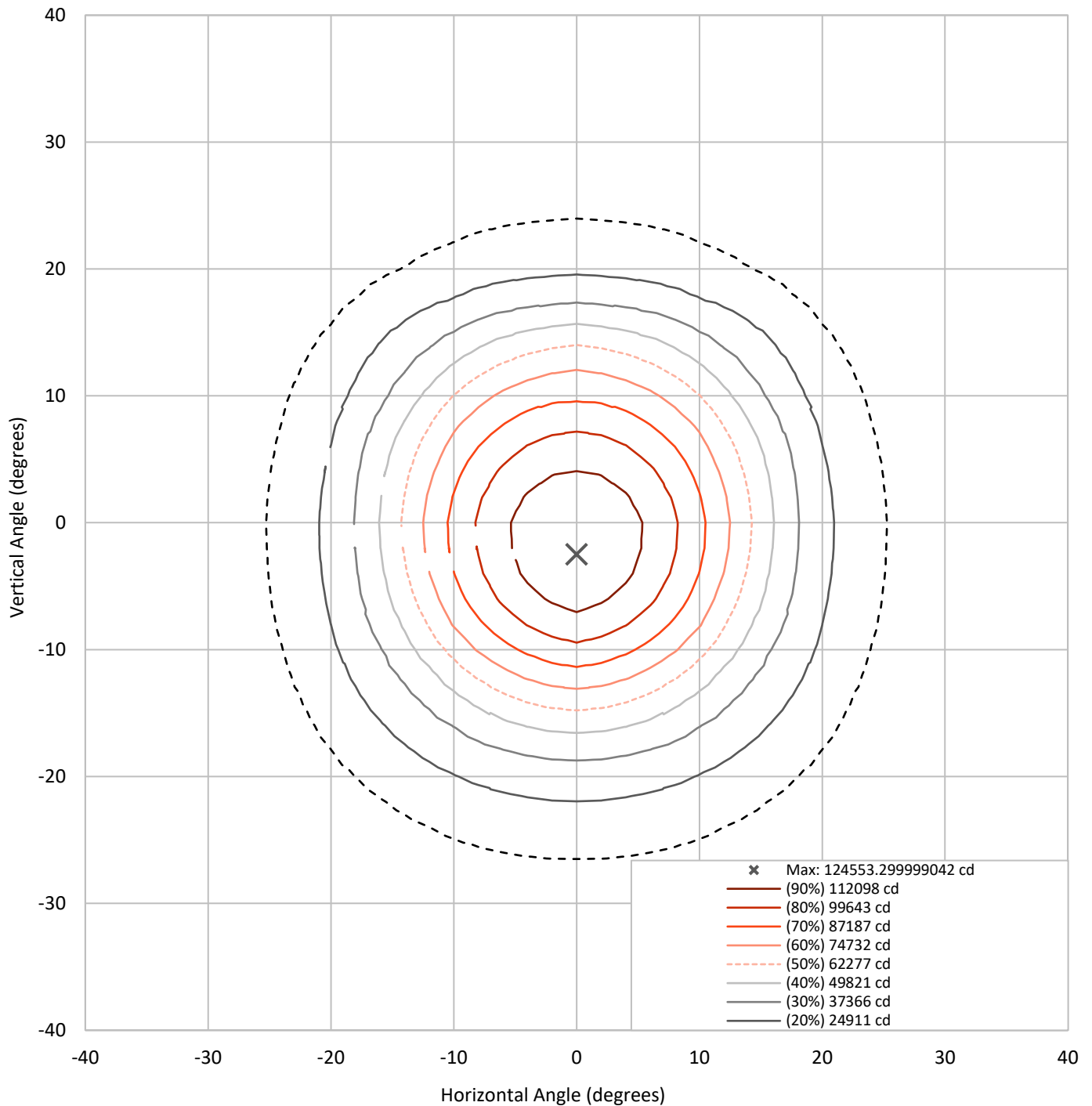
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	35326 lumens	Max Intensity:	124553.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	93.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	17663.4 lumens	Field Lumens:	30351.6 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
Input Watts (W):	376.7		
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		



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Iso-Candela Plot





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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	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.0				
50		0.0	0.2	1.0	2.4	4.0	5.6	6.7	6.7	5.6	4.0	2.4	1.0	0.2	0.0				
40	0.1	0.2	1.2	3.8	7.4	11.4	16.1	18.8	18.8	16.1	11.4	7.4	3.8	1.2	0.2				
30		0.5	3.0	7.6	13.9	22.8	38.1	50.8	50.8	38.1	22.8	13.9	7.6	3.0	0.5				
20	0.3	1.1	4.8	11.5	21.9	53.4	167.6	307.5	307.5	167.6	53.4	21.9	11.5	4.8	1.1				
10		1.7	6.6	15.7	37.6	184.0	748.1	1464.8	1464.8	748.1	184.0	37.6	15.7	6.6	1.7				
0	0.5	2.2	8.0	18.7	53.9	350.7	1510.6	2960.8	2960.8	1510.6	350.7	53.9	18.7	8.0	2.2				
-10		2.6	8.7	19.7	57.6	367.4	1550.0	3139.5	3139.5	1550.0	367.4	57.6	19.7	8.7	2.6				
-20	0.7	2.7	8.9	19.2	47.4	225.6	857.1	1661.4	1661.4	857.1	225.6	47.4	19.2	8.9	2.7				
-30		2.6	8.4	17.6	34.7	87.6	265.4	473.6	473.6	265.4	87.6	34.7	17.6	8.4	2.6				
-40	0.6	2.3	7.5	15.2	26.3	43.2	70.6	94.4	94.4	70.6	43.2	26.3	15.2	7.5	2.3				
-50		1.9	6.2	12.6	20.8	29.8	39.2	44.0	44.0	39.2	29.8	20.8	12.6	6.2	1.9				
-60	0.4	1.5	4.7	9.8	16.3	22.6	28.3	30.8	30.8	28.3	22.6	16.3	9.8	4.7	1.5				
-70		0.9	2.9	6.4	10.9	15.4	19.3	21.4	21.4	19.3	15.4	10.9	6.4	2.9	0.9				
-80	0.1	2.3	10.4	22.5	28.5	22.5	10.4	2.3	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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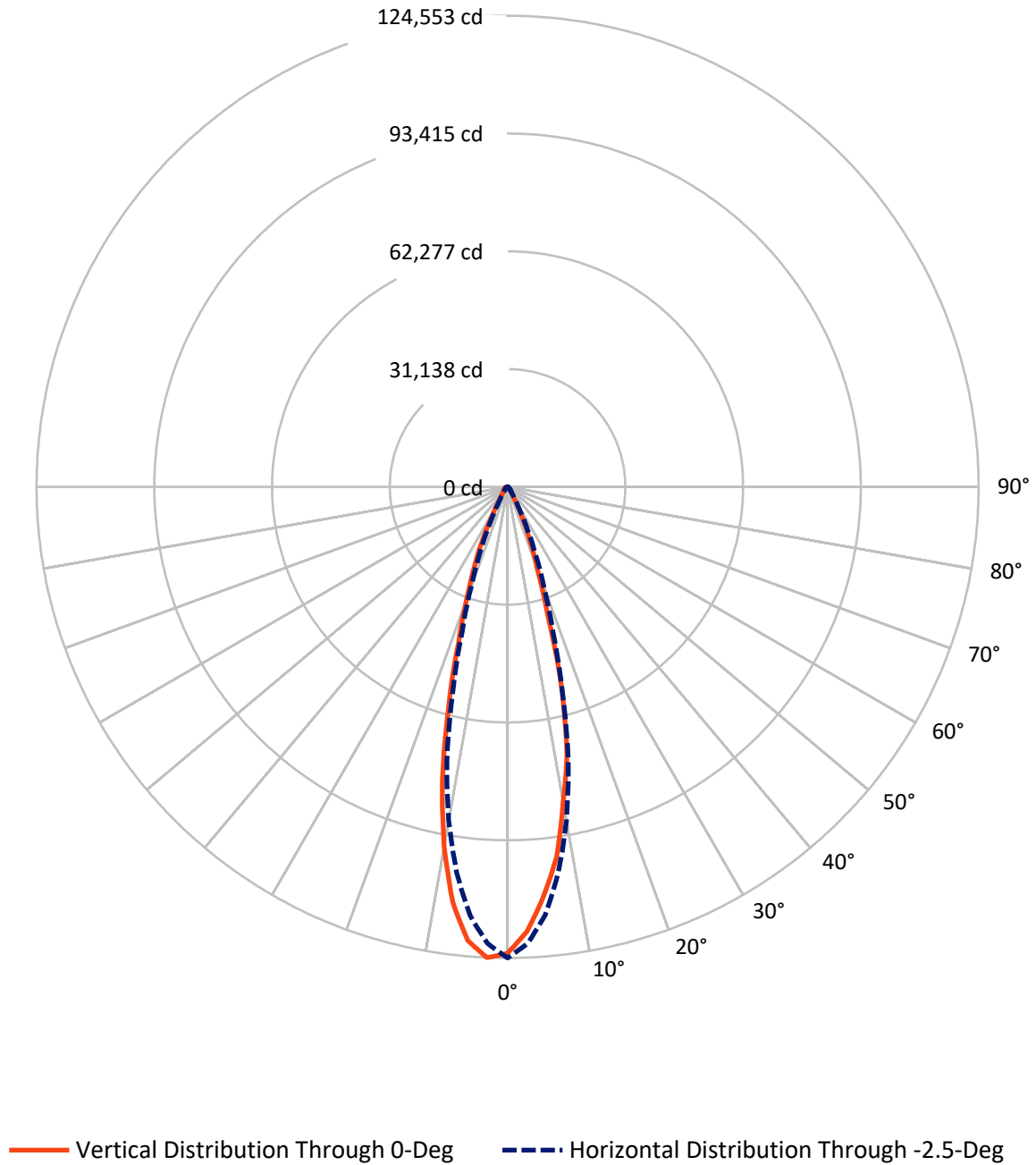
Scaled Data Report



REPORT NUMBER: P627964 (CONVERTED FROM TYPE C PHOTOMETRY)

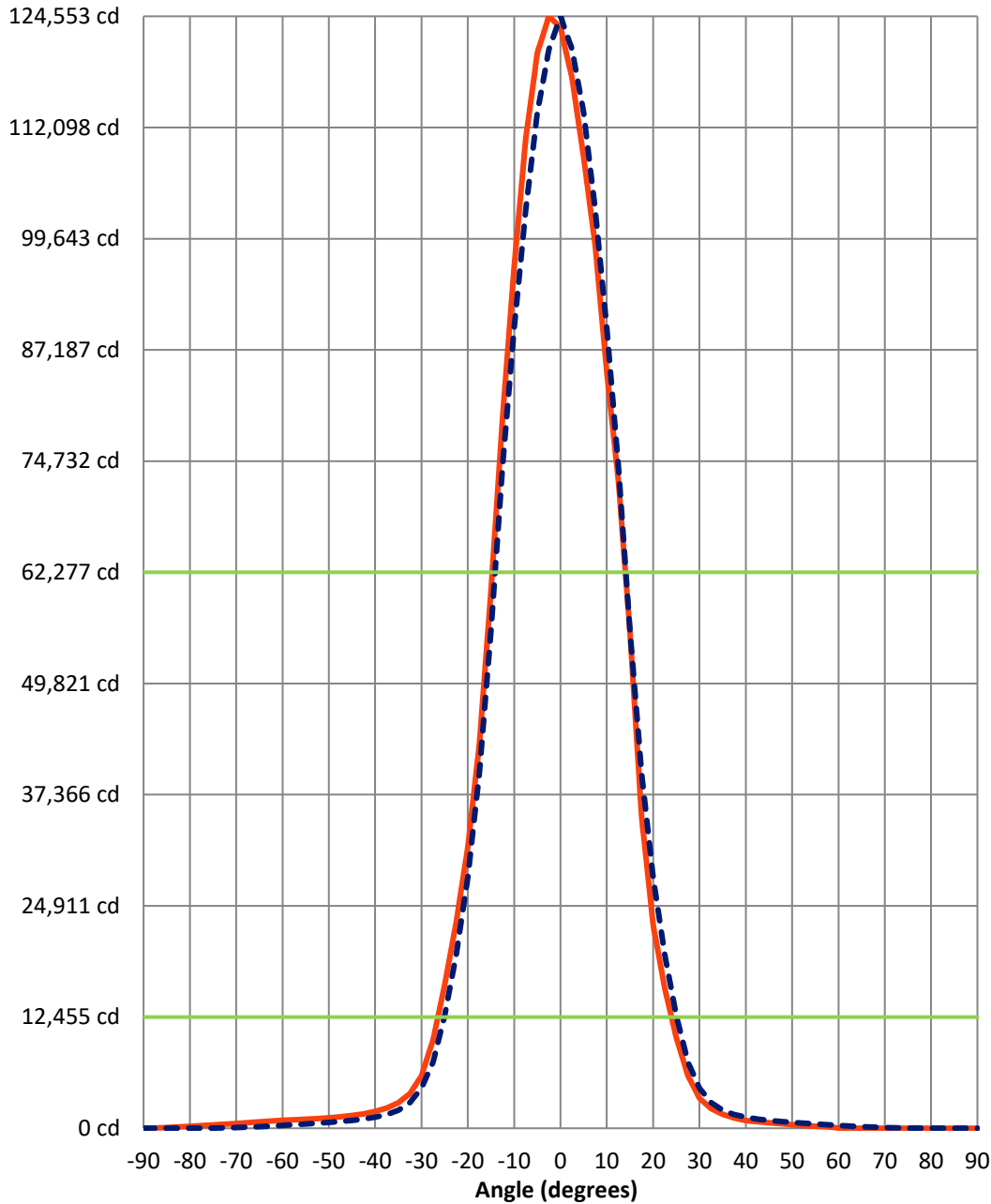
CATALOG NUMBER: GFLD-SA6E-722-U-MR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 17663.4
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 30351.6
 Efficiency: 85.9%

Spill:
 Lumens: 4974.4
 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	1
60°	0	0	0	0	0	0	0	0	0	2	2
57.5°	0	0	0	0	0	0	0	0	1	3	3
55°	0	0	0	0	0	0	1	0	3	5	3
52.5°	0	0	0	0	0	0	1	2	6	5	4
50°	0	0	0	0	0	1	2	4	7	6	5
47.5°	0	0	0	0	0	2	3	6	8	6	7
45°	0	0	0	0	0	2	4	7	8	7	8
42.5°	0	0	0	0	0	3	5	8	8	8	12
40°	0	0	0	0	0	4	6	8	8	8	19
37.5°	0	0	0	0	1	5	7	8	10	11	26
35°	0	0	0	0	2	6	7	8	12	19	34
32.5°	0	0	0	0	3	7	8	8	14	26	43
30°	0	0	0	0	4	7	8	8	18	33	52
27.5°	0	0	0	0	4	7	8	11	22	40	62
25°	0	0	0	0	5	8	8	14	28	47	73
22.5°	0	0	0	0	5	8	8	16	33	56	88
20°	0	0	0	0	6	8	8	20	38	65	101
17.5°	0	0	0	0	6	8	8	23	43	74	113
15°	0	0	0	0	7	8	9	27	47	82	124
12.5°	0	0	0	0	7	8	10	31	52	91	134
10°	0	0	0	0	7	8	11	34	56	99	143
7.5°	0	0	0	0	8	8	12	38	60	107	152
5°	0	0	0	0	8	8	13	41	64	114	160
2.5°	0	0	0	0	8	8	15	44	68	120	167
0°	0	0	0	0	8	8	16	47	71	125	172
-2.5°	0	0	0	1	8	9	19	48	77	130	178
-5°	0	0	0	1	8	10	22	49	84	133	182
-7.5°	0	0	0	1	8	10	24	49	89	136	185
-10°	0	0	0	2	7	11	27	50	93	139	187
-12.5°	0	0	0	2	7	12	29	50	96	141	191
-15°	0	0	0	3	7	12	30	50	96	143	195
-17.5°	0	0	0	3	7	12	31	52	95	144	196
-20°	0	0	0	3	7	13	32	55	94	143	196

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CATALOG NUMBER: GFLD-SA6E-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	3	7	13	32	56	92	141	193
-25°	0	0	0	4	7	13	33	58	89	138	188
-27.5°	0	0	0	4	8	14	33	59	86	134	184
-30°	0	0	0	4	8	15	32	59	86	130	179
-32.5°	0	0	0	3	9	16	32	58	86	125	171
-35°	0	0	0	3	9	16	32	57	85	120	162
-37.5°	0	0	0	3	10	16	32	56	83	115	158
-40°	0	0	0	2	10	17	32	54	80	111	154
-42.5°	0	0	0	2	10	17	31	52	77	108	148
-45°	0	0	0	1	10	17	29	50	74	103	141
-47.5°	0	0	0	1	9	17	28	47	71	97	134
-50°	0	0	0	1	9	17	27	44	67	92	125
-52.5°	0	0	0	1	8	16	26	41	62	86	114
-55°	0	0	0	2	7	15	24	37	57	80	106
-57.5°	0	0	0	2	7	14	22	34	52	73	97
-60°	0	0	0	2	6	13	20	31	46	65	87
-62.5°	0	0	0	2	6	12	19	28	42	57	77
-65°	0	0	0	2	5	11	18	25	37	51	67
-67.5°	0	0	0	2	5	10	16	23	32	45	59
-70°	0	0	0	2	5	9	15	21	28	38	51
-72.5°	0	0	0	2	4	8	13	18	24	32	43
-75°	0	0	0	1	4	7	11	15	20	26	34
-77.5°	0	0	0	1	3	6	10	13	16	20	25
-80°	0	0	0	1	3	5	8	10	12	15	18
-82.5°	0	0	0	1	2	4	6	7	8	10	12
-85°	0	0	0	1	1	3	4	5	5	6	7
-87.5°	0	0	0	0	1	1	2	2	3	3	3
-90°	0	0	0	0	0	0	0	0	0	0	0



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CATALOG NUMBER: GFLD-SA6E-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	2	1	2	3
60°	1	0	1	2	2	4	5	6	7	7	16
57.5°	1	2	4	4	6	9	13	15	25	36	43
55°	2	5	6	7	11	19	25	39	52	69	83
52.5°	5	8	7	12	23	34	50	69	89	105	118
50°	7	9	10	25	39	57	81	107	125	140	162
47.5°	10	12	24	40	60	87	119	141	158	187	219
45°	15	23	38	59	86	123	151	172	202	236	269
42.5°	21	35	56	78	120	156	183	212	245	283	319
40°	31	47	75	110	153	187	221	254	289	332	370
37.5°	41	65	96	140	183	222	260	298	340	386	431
35°	50	83	122	168	212	259	301	344	396	447	497
32.5°	63	102	145	194	242	293	340	397	450	505	568
30°	80	121	167	219	270	324	384	447	500	562	629
27.5°	98	139	189	244	296	355	427	490	549	615	688
25°	114	158	211	266	323	391	468	532	594	668	754
22.5°	130	177	235	285	349	427	506	578	648	721	822
20°	146	198	257	312	375	461	544	625	706	799	912
17.5°	161	217	279	341	410	496	583	673	764	876	1017
15°	175	234	300	367	442	529	621	720	826	957	1118
12.5°	188	250	321	392	470	560	655	758	880	1038	1238
10°	200	265	341	414	495	588	685	791	924	1093	1327
7.5°	211	279	359	435	516	612	710	820	959	1139	1399
5°	220	292	373	449	533	630	730	845	988	1176	1456
2.5°	228	304	383	461	546	643	744	860	1007	1210	1500
0°	235	314	392	470	557	651	753	870	1019	1239	1529
-2.5°	243	324	401	480	567	659	762	880	1033	1248	1536
-5°	249	332	408	488	575	664	766	884	1040	1249	1540
-7.5°	253	338	413	493	581	669	770	888	1043	1247	1538
-10°	255	341	417	498	586	673	770	886	1038	1233	1513
-12.5°	260	342	419	500	587	675	768	879	1023	1209	1465
-15°	263	343	419	498	586	673	761	865	1000	1179	1401
-17.5°	265	342	417	494	582	670	753	852	978	1145	1357
-20°	264	340	414	487	574	662	745	841	958	1106	1297

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CATALOG NUMBER: GFLD-SA6E-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°	262	337	408	480	564	649	734	824	933	1058	1228
-25°	258	333	403	474	552	634	719	802	906	1025	1170
-27.5°	252	327	396	465	539	617	699	782	876	985	1110
-30°	242	317	386	455	526	600	676	759	843	945	1059
-32.5°	231	306	373	441	513	583	652	731	814	901	1004
-35°	221	292	360	425	496	564	629	699	780	862	948
-37.5°	214	278	345	407	475	543	604	669	741	821	900
-40°	205	263	329	390	450	518	579	638	703	780	856
-42.5°	196	252	312	372	430	491	554	610	671	741	813
-45°	188	240	295	353	411	465	524	583	642	705	772
-47.5°	178	227	280	332	388	444	495	552	613	671	731
-50°	166	214	262	310	363	419	472	520	575	635	693
-52.5°	153	198	242	287	336	389	443	493	541	591	647
-55°	138	180	222	264	307	356	408	459	509	554	603
-57.5°	125	159	200	241	281	322	371	420	468	515	563
-60°	112	141	176	215	255	293	334	380	426	470	514
-62.5°	99	125	154	187	225	263	301	341	382	420	458
-65°	87	108	133	162	193	227	263	301	338	369	399
-67.5°	75	93	113	137	164	192	220	253	287	316	343
-70°	64	77	94	114	135	159	184	210	236	262	288
-72.5°	54	65	77	90	109	130	151	171	193	215	237
-75°	44	53	63	74	88	103	121	140	157	175	192
-77.5°	33	42	50	58	68	80	94	109	123	138	152
-80°	24	31	38	45	52	60	69	78	89	100	112
-82.5°	16	21	27	32	37	41	46	51	59	67	75
-85°	9	12	15	19	21	23	26	29	33	38	43
-87.5°	5	6	7	9	10	10	11	11	13	15	17
-90°	0	0	0	0	0	0	0	0	0	0	0



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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	2	2	1	0	0
62.5°	2	3	6	8	9	9	10	11	11	11	10
60°	20	19	30	36	35	27	39	44	42	36	36
57.5°	55	68	79	82	93	109	114	112	114	119	133
55°	96	107	115	130	147	162	173	181	191	201	213
52.5°	131	149	162	178	199	212	218	240	259	273	283
50°	186	205	226	248	268	287	302	325	350	377	394
47.5°	245	269	296	327	350	368	388	418	454	485	505
45°	299	327	360	391	417	442	473	509	545	577	602
42.5°	348	380	414	449	472	512	554	592	636	677	708
40°	404	435	486	522	553	595	657	712	765	815	846
37.5°	472	524	579	623	664	716	803	887	954	1021	1068
35°	552	615	683	731	794	890	997	1114	1231	1325	1409
32.5°	629	698	768	845	940	1077	1211	1398	1571	1748	1915
30°	698	776	861	959	1113	1303	1522	1808	2118	2428	2781
27.5°	771	856	958	1114	1347	1606	2011	2461	3103	3620	4452
25°	850	946	1084	1334	1656	2112	2818	3621	4949	6083	7363
22.5°	946	1093	1289	1602	2140	2960	4058	5808	7848	9741	11548
20°	1064	1264	1598	2097	2869	4130	6212	8867	11702	14473	17154
17.5°	1220	1538	2015	2725	3819	6469	9568	13361	18217	21864	25323
15°	1362	1764	2486	3636	5694	9105	13435	19244	25781	31278	37496
12.5°	1530	2017	2886	4377	7320	11828	17348	24276	32013	40356	50095
10°	1677	2275	3394	5446	9016	14262	20448	28580	38518	50323	62633
7.5°	1790	2491	3817	6248	10444	16259	23638	33528	46114	59912	73950
5°	1878	2657	4150	6876	11659	17880	25966	37443	51789	67627	81586
2.5°	1947	2775	4371	7262	12480	18988	27559	39524	55262	72663	87320
0°	2000	2847	4494	7537	12862	19512	28295	40365	56889	75130	90203
-2.5°	2018	2884	4500	7441	12629	19480	28123	39849	55766	74151	89591
-5°	2025	2865	4386	7244	12218	18781	26997	37892	52338	69582	85230
-7.5°	2010	2789	4156	6759	11294	17548	25425	34988	46829	62033	78205
-10°	1956	2655	3844	6100	10022	15623	22977	31056	40516	52928	66034
-12.5°	1858	2455	3415	5114	8525	13444	19956	27099	34471	42628	53408
-15°	1741	2250	3064	4516	7138	11156	16429	22462	28580	34826	41403
-17.5°	1652	2072	2704	3717	5480	8729	12946	17794	22758	27718	32146
-20°	1539	1859	2353	3141	4421	6344	9516	13288	16997	21041	24436

Classified

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

Scaled Data Report



REPORT NUMBER: P627964 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	1438	1711	2080	2576	3438	4791	6599	9254	12073	15010	17797
-25°	1343	1549	1842	2241	2755	3560	4754	6142	8121	9927	11997
-27.5°	1262	1435	1634	1929	2319	2760	3493	4303	5340	6202	7583
-30°	1185	1323	1487	1677	1963	2298	2692	3183	3690	4199	4861
-32.5°	1113	1228	1357	1511	1687	1939	2184	2498	2776	3082	3397
-35°	1042	1144	1251	1372	1508	1674	1857	2066	2251	2435	2600
-37.5°	981	1066	1159	1255	1364	1479	1624	1771	1895	2015	2117
-40°	929	1001	1077	1157	1245	1338	1450	1558	1642	1720	1785
-42.5°	882	945	1005	1073	1146	1231	1318	1401	1459	1513	1555
-45°	838	892	947	1002	1062	1136	1211	1276	1321	1362	1393
-47.5°	789	839	889	940	997	1056	1116	1164	1204	1239	1262
-50°	743	791	836	879	930	982	1035	1075	1111	1141	1157
-52.5°	697	744	789	832	874	915	956	995	1031	1062	1074
-55°	652	698	739	780	820	859	896	930	962	992	1001
-57.5°	609	655	699	731	766	801	836	870	900	928	938
-60°	559	606	644	676	709	742	773	803	834	860	872
-62.5°	500	543	577	608	638	667	695	723	750	772	784
-65°	430	467	501	531	558	585	611	635	658	675	686
-67.5°	370	397	425	453	480	506	529	551	571	586	595
-70°	312	336	361	386	411	434	454	474	492	505	515
-72.5°	259	280	303	326	347	367	384	401	417	429	438
-75°	210	229	248	267	286	301	316	330	343	353	361
-77.5°	167	181	195	209	224	236	248	259	269	277	284
-80°	124	135	146	156	167	175	184	193	202	209	215
-82.5°	84	92	101	109	117	123	127	131	135	141	146
-85°	48	54	59	64	69	73	76	79	83	86	88
-87.5°	19	21	24	26	28	29	30	30	30	33	35
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627964 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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	1	2
62.5°	9	8	8	8	8	8	9	10	11	11	11
60°	34	31	31	31	31	31	34	36	36	42	44
57.5°	146	157	163	165	163	157	146	133	119	114	112
55°	222	230	231	227	231	230	222	213	201	191	181
52.5°	287	288	286	282	286	288	287	283	273	259	240
50°	399	398	398	400	398	398	399	394	377	350	325
47.5°	513	519	520	518	520	519	513	505	485	454	418
45°	613	620	623	620	623	620	613	602	577	545	509
42.5°	720	725	727	729	727	725	720	708	677	636	592
40°	861	866	865	863	865	866	861	846	815	765	712
37.5°	1100	1117	1125	1145	1125	1117	1100	1068	1021	954	887
35°	1473	1514	1535	1569	1535	1514	1473	1409	1325	1231	1114
32.5°	2035	2117	2160	2204	2160	2117	2035	1915	1748	1571	1398
30°	3025	3186	3252	3372	3252	3186	3025	2781	2428	2118	1808
27.5°	5063	5447	5598	5913	5598	5447	5063	4452	3620	3103	2461
25°	8528	9355	9811	10172	9811	9355	8528	7363	6083	4949	3621
22.5°	13371	14583	15230	15708	15230	14583	13371	11548	9741	7848	5808
20°	19583	21183	22137	22829	22137	21183	19583	17154	14473	11702	8867
17.5°	29762	32276	33746	35009	33746	32276	29762	25323	21864	18217	13361
15°	44433	49483	53409	55595	53409	49483	44433	37496	31278	25781	19244
12.5°	58704	66102	70497	72519	70497	66102	58704	50095	40356	32013	24276
10°	72818	79794	83975	84714	83975	79794	72818	62633	50323	38518	28580
7.5°	83623	91294	96851	98869	96851	91294	83623	73950	59912	46114	33528
5°	93167	102149	108029	108774	108029	102149	93167	81586	67627	51789	37443
2.5°	100187	109951	115653	117613	115653	109951	100187	87320	72663	55262	39524
0°	103583	114099	120444	123299	120444	114099	103583	90203	75130	56889	40365
-2.5°	102868	113746	120827	124553	120827	113746	102868	89591	74151	55766	39849
-5°	98957	109866	116469	120428	116469	109866	98957	85230	69582	52338	37892
-7.5°	89937	100139	107168	110821	107168	100139	89937	78205	62033	46829	34988
-10°	78315	86949	93356	96470	93356	86949	78315	66034	52928	40516	31056
-12.5°	63212	71587	77367	79569	77367	71587	63212	53408	42628	34471	27099
-15°	48432	54824	58930	60230	58930	54824	48432	41403	34826	28580	22462
-17.5°	36729	40170	42479	43102	42479	40170	36729	32146	27718	22758	17794
-20°	27517	29649	31148	31503	31148	29649	27517	24436	21041	16997	13288

Classified

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

Scaled Data Report



REPORT NUMBER: P627964 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	20049	21652	22863	23104	22863	21652	20049	17797	15010	12073	9254
-25°	13830	15170	15992	16053	15992	15170	13830	11997	9927	8121	6142
-27.5°	8670	9407	9787	9921	9787	9407	8670	7583	6202	5340	4303
-30°	5358	5697	5876	5882	5876	5697	5358	4861	4199	3690	3183
-32.5°	3637	3801	3890	3890	3890	3801	3637	3397	3082	2776	2498
-35°	2725	2809	2857	2863	2857	2809	2725	2600	2435	2251	2066
-37.5°	2191	2238	2262	2267	2262	2238	2191	2117	2015	1895	1771
-40°	1832	1864	1885	1898	1885	1864	1832	1785	1720	1642	1558
-42.5°	1584	1606	1615	1608	1615	1606	1584	1555	1513	1459	1401
-45°	1411	1424	1432	1435	1432	1424	1411	1393	1362	1321	1276
-47.5°	1274	1280	1284	1286	1284	1280	1274	1262	1239	1204	1164
-50°	1165	1171	1172	1169	1172	1171	1165	1157	1141	1111	1075
-52.5°	1078	1080	1081	1082	1081	1080	1078	1074	1062	1031	995
-55°	1007	1009	1011	1012	1011	1009	1007	1001	992	962	930
-57.5°	946	953	953	949	953	953	946	938	928	900	870
-60°	881	889	893	894	893	889	881	872	860	834	803
-62.5°	795	803	807	808	807	803	795	784	772	750	723
-65°	695	702	712	721	712	702	695	686	675	658	635
-67.5°	603	609	618	627	618	609	603	595	586	571	551
-70°	523	530	533	533	533	530	523	515	505	492	474
-72.5°	446	452	454	455	454	452	446	438	429	417	401
-75°	368	374	376	376	376	374	368	361	353	343	330
-77.5°	291	296	298	298	298	296	291	284	277	269	259
-80°	221	226	223	220	223	226	221	215	209	202	193
-82.5°	151	156	153	149	153	156	151	146	141	135	131
-85°	91	94	90	86	90	94	91	88	86	83	79
-87.5°	37	39	35	31	35	39	37	35	33	30	30
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627964 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	2	1	0	0	0	0	0	0	0	0	0
62.5°	10	9	9	8	6	3	2	3	2	1	2
60°	39	27	35	36	30	19	20	16	7	7	6
57.5°	114	109	93	82	79	68	55	43	36	25	15
55°	173	162	147	130	115	107	96	83	69	52	39
52.5°	218	212	199	178	162	149	131	118	105	89	69
50°	302	287	268	248	226	205	186	162	140	125	107
47.5°	388	368	350	327	296	269	245	219	187	158	141
45°	473	442	417	391	360	327	299	269	236	202	172
42.5°	554	512	472	449	414	380	348	319	283	245	212
40°	657	595	553	522	486	435	404	370	332	289	254
37.5°	803	716	664	623	579	524	472	431	386	340	298
35°	997	890	794	731	683	615	552	497	447	396	344
32.5°	1211	1077	940	845	768	698	629	568	505	450	397
30°	1522	1303	1113	959	861	776	698	629	562	500	447
27.5°	2011	1606	1347	1114	958	856	771	688	615	549	490
25°	2818	2112	1656	1334	1084	946	850	754	668	594	532
22.5°	4058	2960	2140	1602	1289	1093	946	822	721	648	578
20°	6212	4130	2869	2097	1598	1264	1064	912	799	706	625
17.5°	9568	6469	3819	2725	2015	1538	1220	1017	876	764	673
15°	13435	9105	5694	3636	2486	1764	1362	1118	957	826	720
12.5°	17348	11828	7320	4377	2886	2017	1530	1238	1038	880	758
10°	20448	14262	9016	5446	3394	2275	1677	1327	1093	924	791
7.5°	23638	16259	10444	6248	3817	2491	1790	1399	1139	959	820
5°	25966	17880	11659	6876	4150	2657	1878	1456	1176	988	845
2.5°	27559	18988	12480	7262	4371	2775	1947	1500	1210	1007	860
0°	28295	19512	12862	7537	4494	2847	2000	1529	1239	1019	870
-2.5°	28123	19480	12629	7441	4500	2884	2018	1536	1248	1033	880
-5°	26997	18781	12218	7244	4386	2865	2025	1540	1249	1040	884
-7.5°	25425	17548	11294	6759	4156	2789	2010	1538	1247	1043	888
-10°	22977	15623	10022	6100	3844	2655	1956	1513	1233	1038	886
-12.5°	19956	13444	8525	5114	3415	2455	1858	1465	1209	1023	879
-15°	16429	11156	7138	4516	3064	2250	1741	1401	1179	1000	865
-17.5°	12946	8729	5480	3717	2704	2072	1652	1357	1145	978	852
-20°	9516	6344	4421	3141	2353	1859	1539	1297	1106	958	841

Classified

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

Scaled Data Report



REPORT NUMBER: P627964 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	6599	4791	3438	2576	2080	1711	1438	1228	1058	933	824
-25°	4754	3560	2755	2241	1842	1549	1343	1170	1025	906	802
-27.5°	3493	2760	2319	1929	1634	1435	1262	1110	985	876	782
-30°	2692	2298	1963	1677	1487	1323	1185	1059	945	843	759
-32.5°	2184	1939	1687	1511	1357	1228	1113	1004	901	814	731
-35°	1857	1674	1508	1372	1251	1144	1042	948	862	780	699
-37.5°	1624	1479	1364	1255	1159	1066	981	900	821	741	669
-40°	1450	1338	1245	1157	1077	1001	929	856	780	703	638
-42.5°	1318	1231	1146	1073	1005	945	882	813	741	671	610
-45°	1211	1136	1062	1002	947	892	838	772	705	642	583
-47.5°	1116	1056	997	940	889	839	789	731	671	613	552
-50°	1035	982	930	879	836	791	743	693	635	575	520
-52.5°	956	915	874	832	789	744	697	647	591	541	493
-55°	896	859	820	780	739	698	652	603	554	509	459
-57.5°	836	801	766	731	699	655	609	563	515	468	420
-60°	773	742	709	676	644	606	559	514	470	426	380
-62.5°	695	667	638	608	577	543	500	458	420	382	341
-65°	611	585	558	531	501	467	430	399	369	338	301
-67.5°	529	506	480	453	425	397	370	343	316	287	253
-70°	454	434	411	386	361	336	312	288	262	236	210
-72.5°	384	367	347	326	303	280	259	237	215	193	171
-75°	316	301	286	267	248	229	210	192	175	157	140
-77.5°	248	236	224	209	195	181	167	152	138	123	109
-80°	184	175	167	156	146	135	124	112	100	89	78
-82.5°	127	123	117	109	101	92	84	75	67	59	51
-85°	76	73	69	64	59	54	48	43	38	33	29
-87.5°	30	29	28	26	24	21	19	17	15	13	11
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627964 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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	1	0	0	0
60°	5	4	2	2	1	0	1	2	2	0	0
57.5°	13	9	6	4	4	2	1	3	3	1	0
55°	25	19	11	7	6	5	2	3	5	3	0
52.5°	50	34	23	12	7	8	5	4	5	6	2
50°	81	57	39	25	10	9	7	5	6	7	4
47.5°	119	87	60	40	24	12	10	7	6	8	6
45°	151	123	86	59	38	23	15	8	7	8	7
42.5°	183	156	120	78	56	35	21	12	8	8	8
40°	221	187	153	110	75	47	31	19	8	8	8
37.5°	260	222	183	140	96	65	41	26	11	10	8
35°	301	259	212	168	122	83	50	34	19	12	8
32.5°	340	293	242	194	145	102	63	43	26	14	8
30°	384	324	270	219	167	121	80	52	33	18	8
27.5°	427	355	296	244	189	139	98	62	40	22	11
25°	468	391	323	266	211	158	114	73	47	28	14
22.5°	506	427	349	285	235	177	130	88	56	33	16
20°	544	461	375	312	257	198	146	101	65	38	20
17.5°	583	496	410	341	279	217	161	113	74	43	23
15°	621	529	442	367	300	234	175	124	82	47	27
12.5°	655	560	470	392	321	250	188	134	91	52	31
10°	685	588	495	414	341	265	200	143	99	56	34
7.5°	710	612	516	435	359	279	211	152	107	60	38
5°	730	630	533	449	373	292	220	160	114	64	41
2.5°	744	643	546	461	383	304	228	167	120	68	44
0°	753	651	557	470	392	314	235	172	125	71	47
-2.5°	762	659	567	480	401	324	243	178	130	77	48
-5°	766	664	575	488	408	332	249	182	133	84	49
-7.5°	770	669	581	493	413	338	253	185	136	89	49
-10°	770	673	586	498	417	341	255	187	139	93	50
-12.5°	768	675	587	500	419	342	260	191	141	96	50
-15°	761	673	586	498	419	343	263	195	143	96	50
-17.5°	753	670	582	494	417	342	265	196	144	95	52
-20°	745	662	574	487	414	340	264	196	143	94	55

Classified

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

Scaled Data Report



REPORT NUMBER: P627964 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	734	649	564	480	408	337	262	193	141	92	56
-25°	719	634	552	474	403	333	258	188	138	89	58
-27.5°	699	617	539	465	396	327	252	184	134	86	59
-30°	676	600	526	455	386	317	242	179	130	86	59
-32.5°	652	583	513	441	373	306	231	171	125	86	58
-35°	629	564	496	425	360	292	221	162	120	85	57
-37.5°	604	543	475	407	345	278	214	158	115	83	56
-40°	579	518	450	390	329	263	205	154	111	80	54
-42.5°	554	491	430	372	312	252	196	148	108	77	52
-45°	524	465	411	353	295	240	188	141	103	74	50
-47.5°	495	444	388	332	280	227	178	134	97	71	47
-50°	472	419	363	310	262	214	166	125	92	67	44
-52.5°	443	389	336	287	242	198	153	114	86	62	41
-55°	408	356	307	264	222	180	138	106	80	57	37
-57.5°	371	322	281	241	200	159	125	97	73	52	34
-60°	334	293	255	215	176	141	112	87	65	46	31
-62.5°	301	263	225	187	154	125	99	77	57	42	28
-65°	263	227	193	162	133	108	87	67	51	37	25
-67.5°	220	192	164	137	113	93	75	59	45	32	23
-70°	184	159	135	114	94	77	64	51	38	28	21
-72.5°	151	130	109	90	77	65	54	43	32	24	18
-75°	121	103	88	74	63	53	44	34	26	20	15
-77.5°	94	80	68	58	50	42	33	25	20	16	13
-80°	69	60	52	45	38	31	24	18	15	12	10
-82.5°	46	41	37	32	27	21	16	12	10	8	7
-85°	26	23	21	19	15	12	9	7	6	5	5
-87.5°	11	10	10	9	7	6	5	3	3	3	2
-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: P627964 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	1	0	0	0	0	0	0
52.5°	1	0	0	0	0	0	0
50°	2	1	0	0	0	0	0
47.5°	3	2	0	0	0	0	0
45°	4	2	0	0	0	0	0
42.5°	5	3	0	0	0	0	0
40°	6	4	0	0	0	0	0
37.5°	7	5	1	0	0	0	0
35°	7	6	2	0	0	0	0
32.5°	8	7	3	0	0	0	0
30°	8	7	4	0	0	0	0
27.5°	8	7	4	0	0	0	0
25°	8	8	5	0	0	0	0
22.5°	8	8	5	0	0	0	0
20°	8	8	6	0	0	0	0
17.5°	8	8	6	0	0	0	0
15°	9	8	7	0	0	0	0
12.5°	10	8	7	0	0	0	0
10°	11	8	7	0	0	0	0
7.5°	12	8	8	0	0	0	0
5°	13	8	8	0	0	0	0
2.5°	15	8	8	0	0	0	0
0°	16	8	8	0	0	0	0
-2.5°	19	9	8	1	0	0	0
-5°	22	10	8	1	0	0	0
-7.5°	24	10	8	1	0	0	0
-10°	27	11	7	2	0	0	0
-12.5°	29	12	7	2	0	0	0
-15°	30	12	7	3	0	0	0
-17.5°	31	12	7	3	0	0	0
-20°	32	13	7	3	0	0	0

Classified

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



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CATALOG NUMBER: GFLD-SA6E-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	32	13	7	3	0	0	0
-25°	33	13	7	4	0	0	0
-27.5°	33	14	8	4	0	0	0
-30°	32	15	8	4	0	0	0
-32.5°	32	16	9	3	0	0	0
-35°	32	16	9	3	0	0	0
-37.5°	32	16	10	3	0	0	0
-40°	32	17	10	2	0	0	0
-42.5°	31	17	10	2	0	0	0
-45°	29	17	10	1	0	0	0
-47.5°	28	17	9	1	0	0	0
-50°	27	17	9	1	0	0	0
-52.5°	26	16	8	1	0	0	0
-55°	24	15	7	2	0	0	0
-57.5°	22	14	7	2	0	0	0
-60°	20	13	6	2	0	0	0
-62.5°	19	12	6	2	0	0	0
-65°	18	11	5	2	0	0	0
-67.5°	16	10	5	2	0	0	0
-70°	15	9	5	2	0	0	0
-72.5°	13	8	4	2	0	0	0
-75°	11	7	4	1	0	0	0
-77.5°	10	6	3	1	0	0	0
-80°	8	5	3	1	0	0	0
-82.5°	6	4	2	1	0	0	0
-85°	4	3	1	1	0	0	0
-87.5°	2	1	1	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)