

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: P627784 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-722-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627784 (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-SA6B-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

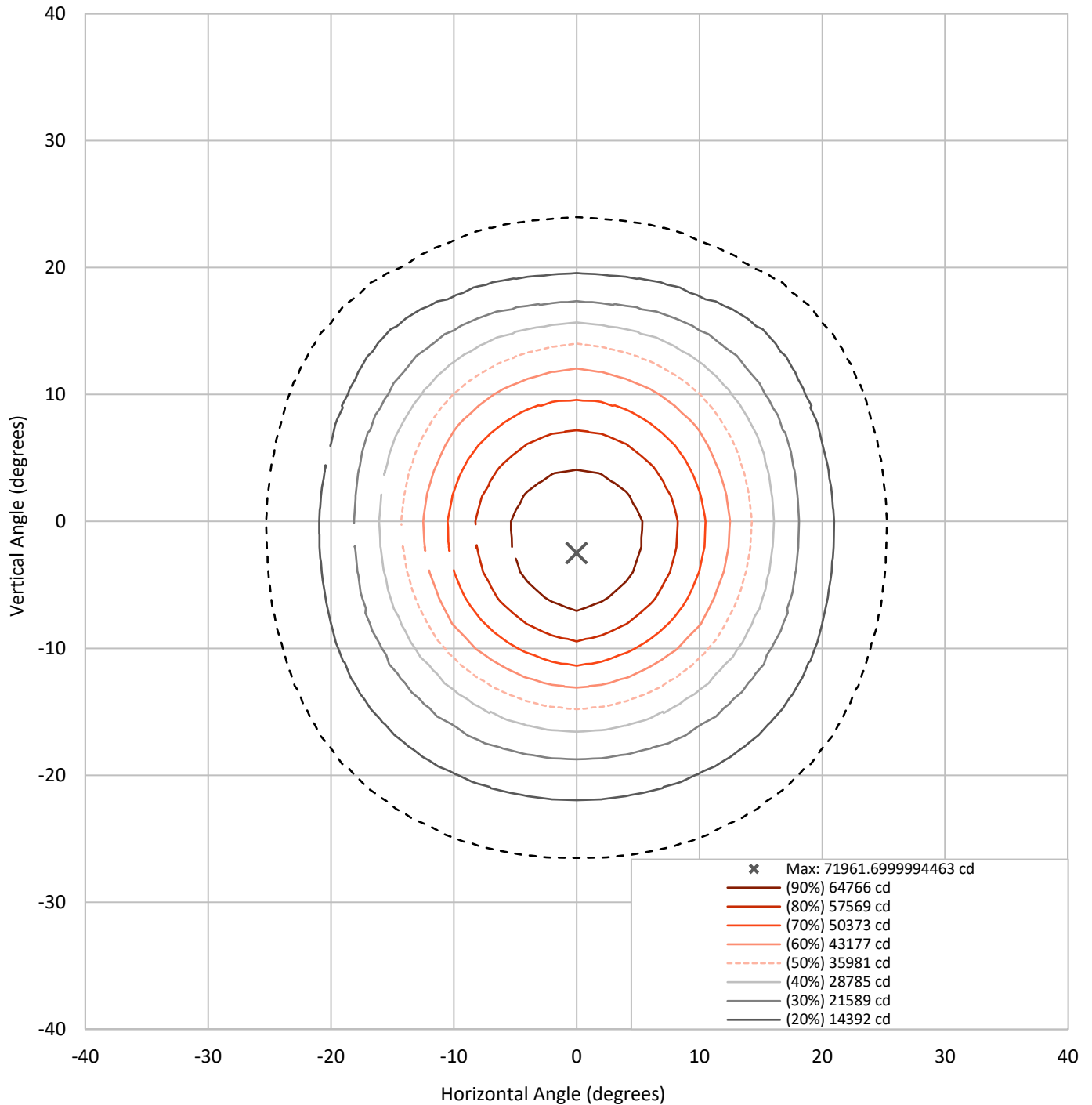
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	20409.9 lumens	Max Intensity:	71961.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	107.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.2°H x 28.7°V	Field Angle (10%):	50.2°H x 50.4°V
Beam Lumens:	10205.2 lumens	Field Lumens:	17535.9 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
Input Watts (W):	190.6		
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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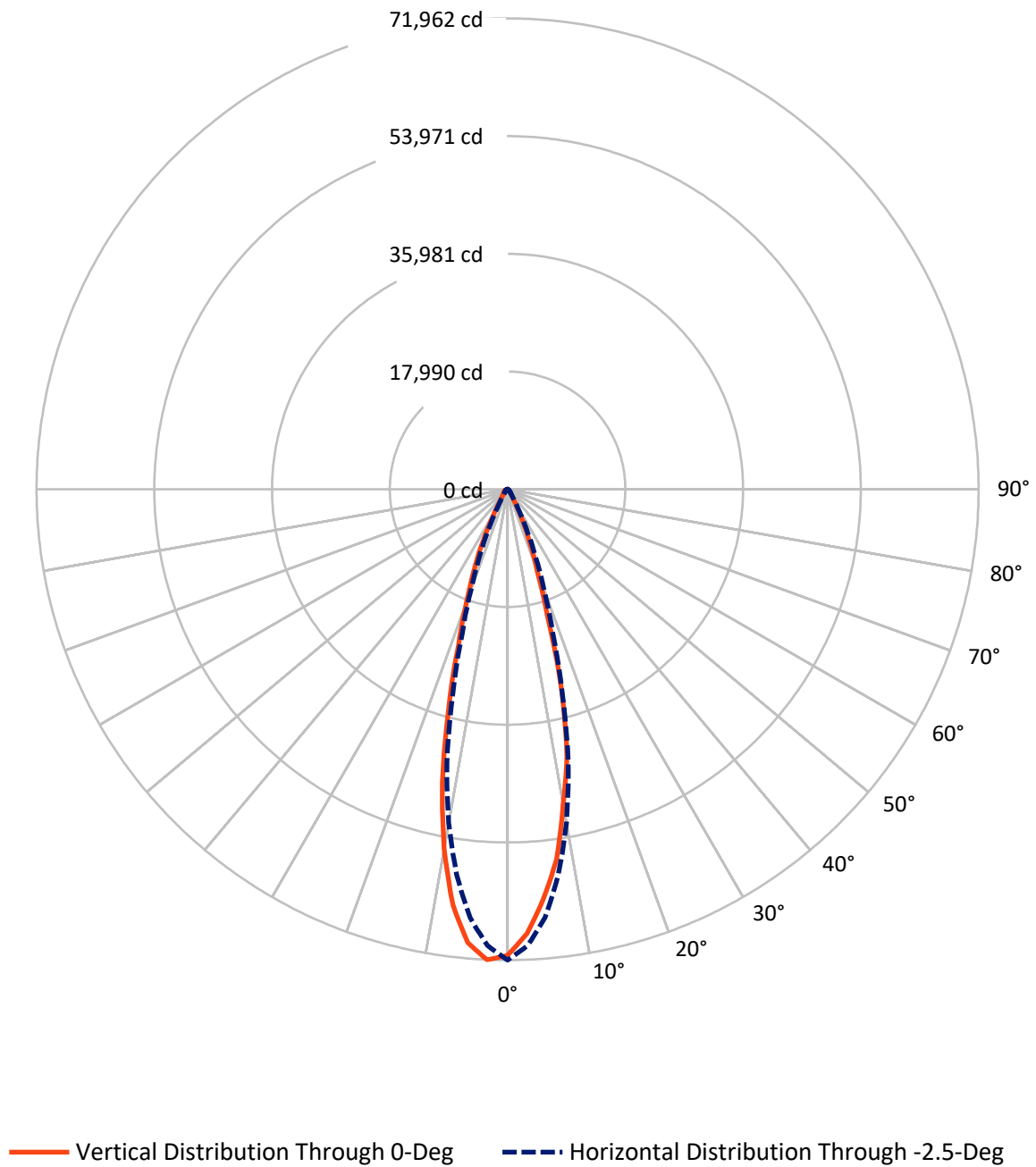
CATALOG NUMBER: GFLD-SA6B-722-U-MR-VSR-XX

Lumen Table

90	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	0.0	0.0
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	0.0	0.0
70	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		
60		0.0	0.1	0.6	1.4	2.3	3.2	3.9	3.9	3.2	2.3	1.4	0.6	0.1		0.0	
50	0.1	0.1	0.7	2.2	4.3	6.6	9.3	10.9	10.9	9.3	6.6	4.3	2.2	0.7	0.1		
40		0.3	1.7	4.4	8.0	13.2	22.0	29.4	29.4	22.0	13.2	8.0	4.4	1.7		0.3	
30	0.1	0.6	2.8	6.7	12.7	30.8	96.9	177.7	177.7	96.9	30.8	12.7	6.7	2.8	0.1		
20		1.0	3.8	9.1	21.7	106.3	432.2	846.3	846.3	432.2	106.3	21.7	9.1	3.8		1.0	
10	0.3	1.3	4.6	10.8	31.1	202.6	872.7	1710.6	1710.6	872.7	202.6	31.1	10.8	4.6	0.3		
0		1.5	5.0	11.4	33.3	212.3	895.5	1813.9	1813.9	895.5	212.3	33.3	11.4	5.0		1.5	
-10	0.4	1.6	5.1	11.1	27.4	130.3	495.2	959.9	959.9	495.2	130.3	27.4	11.1	5.1	0.4		
-20		1.5	4.9	10.2	20.1	50.6	153.4	273.6	273.6	153.4	50.6	20.1	10.2	4.9		1.5	
-30	0.4	1.3	4.3	8.8	15.2	25.0	40.8	54.6	54.6	40.8	25.0	15.2	8.8	4.3	0.4		
-40		1.1	3.6	7.3	12.0	17.2	22.7	25.4	25.4	22.7	17.2	12.0	7.3	3.6		1.1	
-50	0.2	0.8	2.7	5.7	9.4	13.1	16.3	17.8	17.8	16.3	13.1	9.4	5.7	2.7	0.2		
-60		0.5	1.7	3.7	6.3	8.9	11.2	12.3	12.3	11.2	8.9	6.3	3.7	1.7		0.5	
-70	0.1	0.8	2.7	5.7	9.4	13.1	16.3	17.8	17.8	16.3	13.1	9.4	5.7	2.7	0.2		
-80		0.5	1.7	3.7	6.3	8.9	11.2	12.3	12.3	11.2	8.9	6.3	3.7	1.7		0.5	
-90	0.1	1.3	6.0	13.0	16.5	13.0	6.0	1.3	0.1								

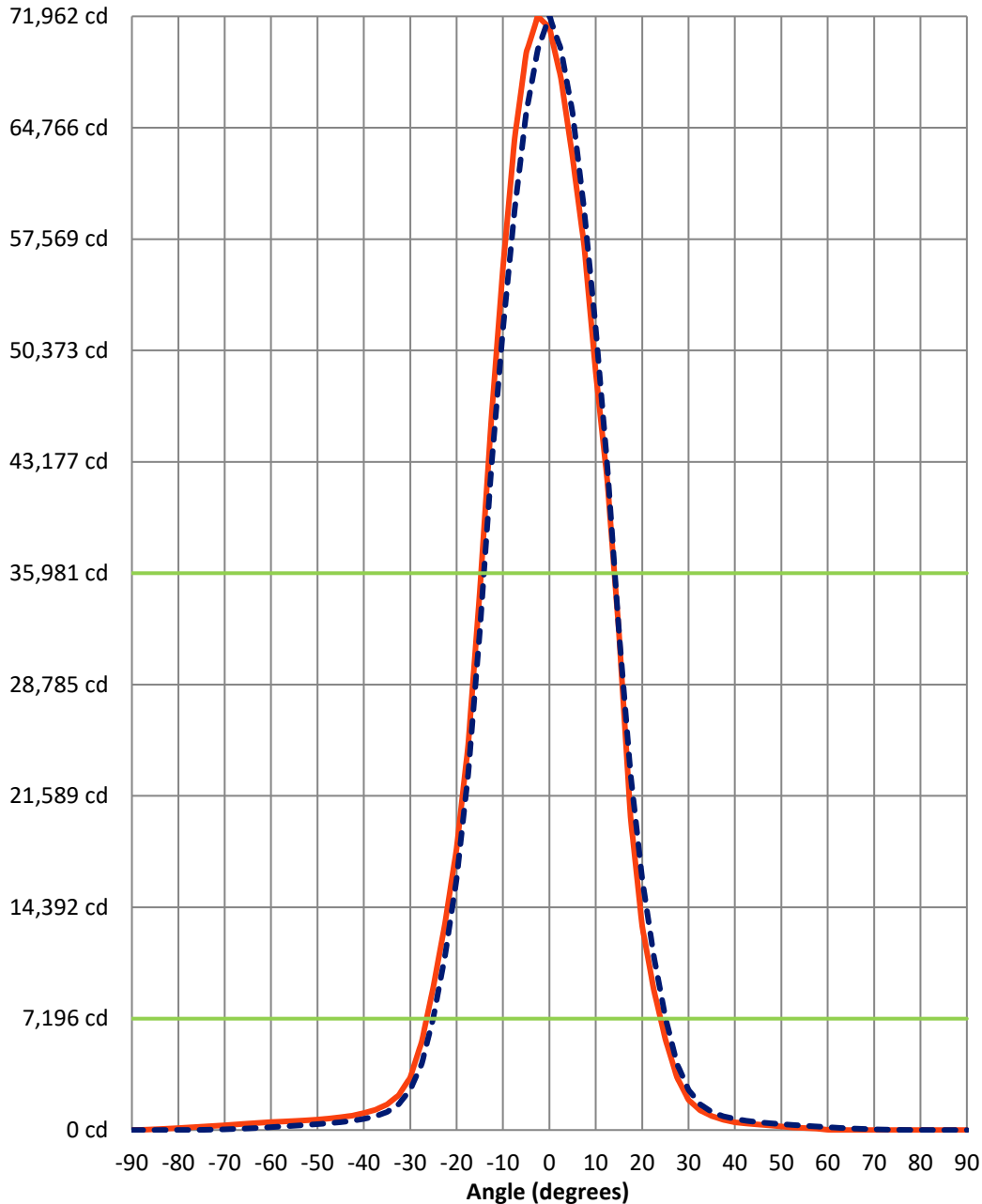
REPORT NUMBER: P627784 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6B-722-U-MR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 10205.2
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 17535.9
 Efficiency: 85.9%

Spill:
 Lumens: 2874
 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	1	1
57.5°	0	0	0	0	0	0	0	0	1	2	2
55°	0	0	0	0	0	0	0	0	2	3	2
52.5°	0	0	0	0	0	0	1	1	3	3	2
50°	0	0	0	0	0	0	1	2	4	3	3
47.5°	0	0	0	0	0	1	2	3	4	4	4
45°	0	0	0	0	0	1	2	4	5	4	4
42.5°	0	0	0	0	0	2	3	5	5	4	7
40°	0	0	0	0	0	3	4	5	5	5	11
37.5°	0	0	0	0	1	3	4	5	6	7	15
35°	0	0	0	0	1	4	4	5	7	11	20
32.5°	0	0	0	0	2	4	5	5	8	15	25
30°	0	0	0	0	2	4	5	5	10	19	30
27.5°	0	0	0	0	2	4	5	6	13	23	36
25°	0	0	0	0	3	4	5	8	16	27	42
22.5°	0	0	0	0	3	5	5	9	19	32	51
20°	0	0	0	0	3	5	5	11	22	37	58
17.5°	0	0	0	0	4	5	5	13	25	43	65
15°	0	0	0	0	4	5	5	15	27	48	72
12.5°	0	0	0	0	4	5	6	18	30	52	77
10°	0	0	0	0	4	5	6	20	32	57	83
7.5°	0	0	0	0	4	5	7	22	35	62	88
5°	0	0	0	0	4	5	8	24	37	66	92
2.5°	0	0	0	0	4	5	8	26	39	69	96
0°	0	0	0	0	5	5	9	27	41	72	100
-2.5°	0	0	0	0	4	5	11	28	45	75	103
-5°	0	0	0	1	4	5	13	28	48	77	105
-7.5°	0	0	0	1	4	6	14	28	51	79	107
-10°	0	0	0	1	4	6	15	29	54	80	108
-12.5°	0	0	0	1	4	7	17	29	55	81	110
-15°	0	0	0	2	4	7	17	29	56	83	112
-17.5°	0	0	0	2	4	7	18	30	55	83	113
-20°	0	0	0	2	4	7	18	32	54	83	113

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REPORT NUMBER: P627784 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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	4	7	19	33	53	82	112
-25°	0	0	0	2	4	8	19	33	52	80	109
-27.5°	0	0	0	2	4	8	19	34	50	78	106
-30°	0	0	0	2	5	9	19	34	49	75	103
-32.5°	0	0	0	2	5	9	18	34	49	72	99
-35°	0	0	0	2	5	9	18	33	49	69	94
-37.5°	0	0	0	2	6	9	18	32	48	67	91
-40°	0	0	0	1	6	10	18	31	46	64	89
-42.5°	0	0	0	1	6	10	18	30	44	62	86
-45°	0	0	0	1	6	10	17	29	43	60	82
-47.5°	0	0	0	1	5	10	16	27	41	56	77
-50°	0	0	0	1	5	10	15	26	39	53	72
-52.5°	0	0	0	1	5	9	15	24	36	50	66
-55°	0	0	0	1	4	9	14	22	33	46	61
-57.5°	0	0	0	1	4	8	13	20	30	42	56
-60°	0	0	0	1	3	8	12	18	27	38	50
-62.5°	0	0	0	1	3	7	11	16	24	33	45
-65°	0	0	0	1	3	6	10	14	21	30	39
-67.5°	0	0	0	1	3	6	9	13	19	26	34
-70°	0	0	0	1	3	5	8	12	16	22	30
-72.5°	0	0	0	1	2	5	8	10	14	19	25
-75°	0	0	0	1	2	4	7	9	11	15	20
-77.5°	0	0	0	1	2	3	6	7	9	11	15
-80°	0	0	0	1	2	3	5	6	7	9	11
-82.5°	0	0	0	0	1	2	3	4	5	6	7
-85°	0	0	0	0	1	1	2	3	3	3	4
-87.5°	0	0	0	0	0	1	1	1	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627784 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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	2
60°	0	0	1	1	1	2	3	4	4	4	9
57.5°	1	1	2	2	3	5	7	8	14	21	25
55°	1	3	4	4	7	11	15	23	30	40	48
52.5°	3	5	4	7	13	20	29	40	52	61	68
50°	4	5	6	14	23	33	47	62	72	81	94
47.5°	6	7	14	23	35	50	69	81	91	108	126
45°	9	13	22	34	50	71	87	99	117	136	155
42.5°	12	20	32	45	70	90	106	123	142	163	184
40°	18	27	43	64	89	108	128	147	167	192	214
37.5°	23	37	56	81	106	128	150	172	197	223	249
35°	29	48	70	97	123	149	174	199	229	258	287
32.5°	36	59	84	112	140	169	196	229	260	292	328
30°	46	70	96	127	156	187	222	258	289	325	364
27.5°	57	80	109	141	171	205	247	283	317	355	398
25°	66	92	122	153	187	226	270	307	343	386	436
22.5°	75	102	136	165	202	247	292	334	375	417	475
20°	84	114	148	181	217	267	315	361	408	461	527
17.5°	93	125	161	197	237	286	337	389	441	506	587
15°	101	135	173	212	255	306	359	416	477	553	646
12.5°	108	145	186	226	272	324	379	438	509	600	715
10°	115	153	197	239	286	339	396	457	534	632	767
7.5°	122	161	207	251	298	353	410	474	554	658	808
5°	127	169	215	260	308	364	422	488	571	679	841
2.5°	132	175	222	266	316	371	430	497	582	699	867
0°	136	181	227	272	322	376	435	503	589	716	883
-2.5°	140	187	232	278	328	381	440	508	597	721	888
-5°	144	192	236	282	332	384	443	511	601	721	890
-7.5°	146	195	239	285	336	387	445	513	603	720	889
-10°	148	197	241	288	338	389	445	512	600	713	874
-12.5°	150	198	242	289	339	390	443	508	591	699	846
-15°	152	198	242	288	338	389	440	500	578	681	809
-17.5°	153	197	241	286	336	387	435	492	565	662	784
-20°	153	196	239	282	332	382	430	486	554	639	749

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CATALOG NUMBER: GFLD-SA6B-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°	151	195	236	277	326	375	424	476	539	611	710
-25°	149	192	233	274	319	366	415	463	523	592	676
-27.5°	146	189	229	269	311	356	404	452	506	569	641
-30°	140	183	223	263	304	347	391	438	487	546	612
-32.5°	133	177	216	255	296	337	377	422	470	520	580
-35°	128	169	208	245	287	326	364	404	450	498	548
-37.5°	124	160	199	235	274	313	349	387	428	474	520
-40°	119	152	190	225	260	299	335	369	406	451	494
-42.5°	113	146	180	215	248	283	320	352	388	428	470
-45°	109	139	170	204	237	269	302	337	371	407	446
-47.5°	103	131	162	192	224	256	286	319	354	388	422
-50°	96	123	151	179	210	242	272	301	332	367	400
-52.5°	88	114	140	166	194	225	256	285	312	342	374
-55°	80	104	128	152	178	206	235	265	294	320	348
-57.5°	72	92	116	139	162	186	214	243	270	297	325
-60°	65	82	102	124	147	169	193	219	246	271	297
-62.5°	57	72	89	108	130	152	174	197	221	243	265
-65°	50	62	77	94	112	131	152	174	195	213	230
-67.5°	43	54	65	79	95	111	127	146	166	183	198
-70°	37	45	54	66	78	92	106	121	136	151	166
-72.5°	31	38	45	52	63	75	87	99	111	124	137
-75°	25	31	36	43	51	60	70	81	91	101	111
-77.5°	19	24	29	34	39	46	54	63	71	80	88
-80°	14	18	22	26	30	35	40	45	51	58	65
-82.5°	9	12	15	19	21	24	26	30	34	39	44
-85°	5	7	9	11	12	14	15	17	19	22	25
-87.5°	3	3	4	5	6	6	6	6	8	9	10
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627784 (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	4	5	5	5	6	6	6	6	6
60°	12	11	17	21	20	16	22	26	24	21	21
57.5°	32	40	46	48	54	63	66	65	66	69	77
55°	56	62	66	75	85	93	100	105	110	116	123
52.5°	76	86	93	103	115	122	126	138	150	158	163
50°	108	119	131	143	155	166	175	187	202	218	228
47.5°	141	155	171	189	202	213	224	242	262	280	292
45°	173	189	208	226	241	255	273	294	315	333	348
42.5°	201	219	239	260	273	296	320	342	368	391	409
40°	234	251	281	302	320	344	380	411	442	471	489
37.5°	273	303	334	360	384	414	464	512	551	590	617
35°	319	355	395	423	459	514	576	643	711	765	814
32.5°	363	403	444	488	543	622	700	808	908	1010	1106
30°	403	448	497	554	643	753	880	1044	1224	1403	1606
27.5°	445	495	553	644	778	928	1162	1422	1793	2091	2572
25°	491	547	626	771	957	1220	1628	2092	2859	3515	4254
22.5°	546	632	745	926	1237	1710	2344	3356	4534	5628	6672
20°	615	730	923	1212	1657	2386	3589	5123	6761	8362	9911
17.5°	705	889	1164	1575	2206	3738	5528	7719	10525	12632	14630
15°	787	1019	1436	2101	3290	5261	7762	11118	14895	18071	21663
12.5°	884	1165	1667	2529	4229	6834	10023	14025	18496	23316	28943
10°	969	1314	1961	3147	5209	8240	11814	16512	22254	29075	36187
7.5°	1034	1439	2206	3610	6034	9394	13657	19371	26643	34615	42725
5°	1085	1535	2398	3973	6736	10331	15002	21633	29922	39072	47137
2.5°	1125	1603	2525	4196	7211	10970	15922	22836	31928	41982	50450
0°	1155	1645	2596	4354	7431	11273	16348	23321	32868	43407	52116
-2.5°	1166	1666	2600	4299	7297	11255	16248	23023	32219	42841	51762
-5°	1170	1655	2534	4185	7059	10851	15598	21892	30239	40202	49242
-7.5°	1161	1611	2401	3905	6525	10139	14689	20214	27056	35840	45184
-10°	1130	1534	2221	3524	5790	9026	13275	17943	23408	30579	38152
-12.5°	1073	1418	1973	2954	4925	7767	11530	15657	19916	24629	30857
-15°	1006	1300	1770	2609	4124	6445	9492	12977	16512	20121	23921
-17.5°	954	1197	1562	2148	3166	5043	7480	10281	13149	16014	18573
-20°	889	1074	1359	1815	2554	3665	5498	7677	9820	12157	14118

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627784 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	831	988	1202	1489	1986	2768	3813	5347	6975	8672	10283
-25°	776	895	1064	1295	1592	2057	2747	3549	4692	5736	6931
-27.5°	729	829	944	1115	1340	1595	2018	2486	3085	3583	4381
-30°	685	764	859	969	1134	1328	1555	1839	2132	2426	2809
-32.5°	643	710	784	873	975	1120	1262	1443	1604	1781	1963
-35°	602	661	723	793	871	967	1073	1194	1300	1407	1502
-37.5°	567	616	670	725	788	855	938	1023	1095	1164	1223
-40°	537	578	622	669	719	773	838	900	949	994	1031
-42.5°	510	546	581	620	662	711	762	810	843	874	899
-45°	484	515	547	579	614	657	700	737	763	787	805
-47.5°	456	485	513	543	576	610	645	673	696	716	729
-50°	429	457	483	508	537	568	598	621	642	659	669
-52.5°	403	430	456	481	505	529	552	575	596	614	620
-55°	377	403	427	450	474	496	518	537	556	573	578
-57.5°	352	379	404	423	442	463	483	502	520	536	542
-60°	323	350	372	391	410	429	446	464	482	497	504
-62.5°	289	314	333	351	369	386	402	418	433	446	453
-65°	249	270	289	307	323	338	353	367	380	390	396
-67.5°	214	229	246	262	278	292	306	318	330	339	344
-70°	180	194	209	223	237	251	262	274	284	292	297
-72.5°	149	162	175	188	201	212	222	232	241	248	253
-75°	122	132	143	154	165	174	182	190	198	204	208
-77.5°	97	105	113	121	129	136	143	150	156	160	164
-80°	71	78	84	90	96	101	106	111	116	121	124
-82.5°	48	53	58	63	68	71	73	76	78	81	84
-85°	28	31	34	37	40	42	44	46	48	49	51
-87.5°	11	12	14	15	16	17	17	17	17	19	20
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627784 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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°	5	5	4	4	4	5	5	6	6	6	6
60°	20	18	18	18	18	18	20	21	21	24	26
57.5°	84	91	94	95	94	91	84	77	69	66	65
55°	128	133	134	131	134	133	128	123	116	110	105
52.5°	166	167	165	163	165	167	166	163	158	150	138
50°	230	230	230	231	230	230	230	228	218	202	187
47.5°	296	300	301	299	301	300	296	292	280	262	242
45°	354	358	360	358	360	358	354	348	333	315	294
42.5°	416	419	420	421	420	419	416	409	391	368	342
40°	498	500	500	498	500	500	498	489	471	442	411
37.5°	636	645	650	662	650	645	636	617	590	551	512
35°	851	874	887	906	887	874	851	814	765	711	643
32.5°	1176	1223	1248	1273	1248	1223	1176	1106	1010	908	808
30°	1748	1841	1879	1948	1879	1841	1748	1606	1403	1224	1044
27.5°	2925	3147	3234	3416	3234	3147	2925	2572	2091	1793	1422
25°	4927	5405	5668	5877	5668	5405	4927	4254	3515	2859	2092
22.5°	7725	8425	8799	9076	8799	8425	7725	6672	5628	4534	3356
20°	11314	12238	12790	13190	12790	12238	11314	9911	8362	6761	5123
17.5°	17196	18648	19497	20227	19497	18648	17196	14630	12632	10525	7719
15°	25671	28589	30857	32120	30857	28589	25671	21663	18071	14895	11118
12.5°	33917	38191	40730	41898	40730	38191	33917	28943	23316	18496	14025
10°	42071	46101	48517	48944	48517	46101	42071	36187	29075	22254	16512
7.5°	48314	52746	55956	57123	55956	52746	48314	42725	34615	26643	19371
5°	53828	59017	62415	62845	62415	59017	53828	47137	39072	29922	21633
2.5°	57884	63525	66819	67952	66819	63525	57884	50450	41982	31928	22836
0°	59846	65922	69587	71237	69587	65922	59846	52116	43407	32868	23321
-2.5°	59433	65717	69809	71962	69809	65717	59433	51762	42841	32219	23023
-5°	57173	63476	67291	69578	67291	63476	57173	49242	40202	30239	21892
-7.5°	51962	57856	61917	64028	61917	57856	51962	45184	35840	27056	20214
-10°	45247	50235	53937	55736	53937	50235	45247	38152	30579	23408	17943
-12.5°	36521	41360	44700	45972	44700	41360	36521	30857	24629	19916	15657
-15°	27982	31675	34047	34798	34047	31675	27982	23921	20121	16512	12977
-17.5°	21220	23208	24543	24903	24543	23208	21220	18573	16014	13149	10281
-20°	15898	17130	17996	18201	17996	17130	15898	14118	12157	9820	7677

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REPORT NUMBER: P627784 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	11584	12510	13209	13348	13209	12510	11584	10283	8672	6975	5347
-25°	7990	8765	9239	9275	9239	8765	7990	6931	5736	4692	3549
-27.5°	5009	5435	5654	5732	5654	5435	5009	4381	3583	3085	2486
-30°	3096	3292	3395	3398	3395	3292	3096	2809	2426	2132	1839
-32.5°	2101	2196	2248	2247	2248	2196	2101	1963	1781	1604	1443
-35°	1574	1623	1651	1654	1651	1623	1574	1502	1407	1300	1194
-37.5°	1266	1293	1307	1310	1307	1293	1266	1223	1164	1095	1023
-40°	1058	1077	1089	1096	1089	1077	1058	1031	994	949	900
-42.5°	915	928	933	929	933	928	915	899	874	843	810
-45°	815	823	827	829	827	823	815	805	787	763	737
-47.5°	736	740	742	743	742	740	736	729	716	696	673
-50°	673	676	677	675	677	676	673	669	659	642	621
-52.5°	623	624	625	625	625	624	623	620	614	596	575
-55°	582	583	584	585	584	583	582	578	573	556	537
-57.5°	547	550	550	548	550	550	547	542	536	520	502
-60°	509	514	516	517	516	514	509	504	497	482	464
-62.5°	459	464	466	467	466	464	459	453	446	433	418
-65°	401	405	411	417	411	405	401	396	390	380	367
-67.5°	348	352	357	362	357	352	348	344	339	330	318
-70°	302	306	308	308	308	306	302	297	292	284	274
-72.5°	257	261	262	263	262	261	257	253	248	241	232
-75°	213	216	217	218	217	216	213	208	204	198	190
-77.5°	168	171	172	172	172	171	168	164	160	156	150
-80°	128	131	129	127	129	131	128	124	121	116	111
-82.5°	87	90	88	86	88	90	87	84	81	78	76
-85°	53	54	52	50	52	54	53	51	49	48	46
-87.5°	21	23	20	18	20	23	21	20	19	17	17
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627784 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	6	5	5	5	4	2	1	2	1	0	1
60°	22	16	20	21	17	11	12	9	4	4	4
57.5°	66	63	54	48	46	40	32	25	21	14	8
55°	100	93	85	75	66	62	56	48	40	30	23
52.5°	126	122	115	103	93	86	76	68	61	52	40
50°	175	166	155	143	131	119	108	94	81	72	62
47.5°	224	213	202	189	171	155	141	126	108	91	81
45°	273	255	241	226	208	189	173	155	136	117	99
42.5°	320	296	273	260	239	219	201	184	163	142	123
40°	380	344	320	302	281	251	234	214	192	167	147
37.5°	464	414	384	360	334	303	273	249	223	197	172
35°	576	514	459	423	395	355	319	287	258	229	199
32.5°	700	622	543	488	444	403	363	328	292	260	229
30°	880	753	643	554	497	448	403	364	325	289	258
27.5°	1162	928	778	644	553	495	445	398	355	317	283
25°	1628	1220	957	771	626	547	491	436	386	343	307
22.5°	2344	1710	1237	926	745	632	546	475	417	375	334
20°	3589	2386	1657	1212	923	730	615	527	461	408	361
17.5°	5528	3738	2206	1575	1164	889	705	587	506	441	389
15°	7762	5261	3290	2101	1436	1019	787	646	553	477	416
12.5°	10023	6834	4229	2529	1667	1165	884	715	600	509	438
10°	11814	8240	5209	3147	1961	1314	969	767	632	534	457
7.5°	13657	9394	6034	3610	2206	1439	1034	808	658	554	474
5°	15002	10331	6736	3973	2398	1535	1085	841	679	571	488
2.5°	15922	10970	7211	4196	2525	1603	1125	867	699	582	497
0°	16348	11273	7431	4354	2596	1645	1155	883	716	589	503
-2.5°	16248	11255	7297	4299	2600	1666	1166	888	721	597	508
-5°	15598	10851	7059	4185	2534	1655	1170	890	721	601	511
-7.5°	14689	10139	6525	3905	2401	1611	1161	889	720	603	513
-10°	13275	9026	5790	3524	2221	1534	1130	874	713	600	512
-12.5°	11530	7767	4925	2954	1973	1418	1073	846	699	591	508
-15°	9492	6445	4124	2609	1770	1300	1006	809	681	578	500
-17.5°	7480	5043	3166	2148	1562	1197	954	784	662	565	492
-20°	5498	3665	2554	1815	1359	1074	889	749	639	554	486

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REPORT NUMBER: P627784 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	3813	2768	1986	1489	1202	988	831	710	611	539	476
-25°	2747	2057	1592	1295	1064	895	776	676	592	523	463
-27.5°	2018	1595	1340	1115	944	829	729	641	569	506	452
-30°	1555	1328	1134	969	859	764	685	612	546	487	438
-32.5°	1262	1120	975	873	784	710	643	580	520	470	422
-35°	1073	967	871	793	723	661	602	548	498	450	404
-37.5°	938	855	788	725	670	616	567	520	474	428	387
-40°	838	773	719	669	622	578	537	494	451	406	369
-42.5°	762	711	662	620	581	546	510	470	428	388	352
-45°	700	657	614	579	547	515	484	446	407	371	337
-47.5°	645	610	576	543	513	485	456	422	388	354	319
-50°	598	568	537	508	483	457	429	400	367	332	301
-52.5°	552	529	505	481	456	430	403	374	342	312	285
-55°	518	496	474	450	427	403	377	348	320	294	265
-57.5°	483	463	442	423	404	379	352	325	297	270	243
-60°	446	429	410	391	372	350	323	297	271	246	219
-62.5°	402	386	369	351	333	314	289	265	243	221	197
-65°	353	338	323	307	289	270	249	230	213	195	174
-67.5°	306	292	278	262	246	229	214	198	183	166	146
-70°	262	251	237	223	209	194	180	166	151	136	121
-72.5°	222	212	201	188	175	162	149	137	124	111	99
-75°	182	174	165	154	143	132	122	111	101	91	81
-77.5°	143	136	129	121	113	105	97	88	80	71	63
-80°	106	101	96	90	84	78	71	65	58	51	45
-82.5°	73	71	68	63	58	53	48	44	39	34	30
-85°	44	42	40	37	34	31	28	25	22	19	17
-87.5°	17	17	16	15	14	12	11	10	9	8	6
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627784 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	3	2	1	1	1	0	0	1	1	0	0
57.5°	7	5	3	2	2	1	1	2	2	1	0
55°	15	11	7	4	4	3	1	2	3	2	0
52.5°	29	20	13	7	4	5	3	2	3	3	1
50°	47	33	23	14	6	5	4	3	3	4	2
47.5°	69	50	35	23	14	7	6	4	4	4	3
45°	87	71	50	34	22	13	9	4	4	5	4
42.5°	106	90	70	45	32	20	12	7	4	5	5
40°	128	108	89	64	43	27	18	11	5	5	5
37.5°	150	128	106	81	56	37	23	15	7	6	5
35°	174	149	123	97	70	48	29	20	11	7	5
32.5°	196	169	140	112	84	59	36	25	15	8	5
30°	222	187	156	127	96	70	46	30	19	10	5
27.5°	247	205	171	141	109	80	57	36	23	13	6
25°	270	226	187	153	122	92	66	42	27	16	8
22.5°	292	247	202	165	136	102	75	51	32	19	9
20°	315	267	217	181	148	114	84	58	37	22	11
17.5°	337	286	237	197	161	125	93	65	43	25	13
15°	359	306	255	212	173	135	101	72	48	27	15
12.5°	379	324	272	226	186	145	108	77	52	30	18
10°	396	339	286	239	197	153	115	83	57	32	20
7.5°	410	353	298	251	207	161	122	88	62	35	22
5°	422	364	308	260	215	169	127	92	66	37	24
2.5°	430	371	316	266	222	175	132	96	69	39	26
0°	435	376	322	272	227	181	136	100	72	41	27
-2.5°	440	381	328	278	232	187	140	103	75	45	28
-5°	443	384	332	282	236	192	144	105	77	48	28
-7.5°	445	387	336	285	239	195	146	107	79	51	28
-10°	445	389	338	288	241	197	148	108	80	54	29
-12.5°	443	390	339	289	242	198	150	110	81	55	29
-15°	440	389	338	288	242	198	152	112	83	56	29
-17.5°	435	387	336	286	241	197	153	113	83	55	30
-20°	430	382	332	282	239	196	153	113	83	54	32

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CATALOG NUMBER: GFLD-SA6B-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°	424	375	326	277	236	195	151	112	82	53	33
-25°	415	366	319	274	233	192	149	109	80	52	33
-27.5°	404	356	311	269	229	189	146	106	78	50	34
-30°	391	347	304	263	223	183	140	103	75	49	34
-32.5°	377	337	296	255	216	177	133	99	72	49	34
-35°	364	326	287	245	208	169	128	94	69	49	33
-37.5°	349	313	274	235	199	160	124	91	67	48	32
-40°	335	299	260	225	190	152	119	89	64	46	31
-42.5°	320	283	248	215	180	146	113	86	62	44	30
-45°	302	269	237	204	170	139	109	82	60	43	29
-47.5°	286	256	224	192	162	131	103	77	56	41	27
-50°	272	242	210	179	151	123	96	72	53	39	26
-52.5°	256	225	194	166	140	114	88	66	50	36	24
-55°	235	206	178	152	128	104	80	61	46	33	22
-57.5°	214	186	162	139	116	92	72	56	42	30	20
-60°	193	169	147	124	102	82	65	50	38	27	18
-62.5°	174	152	130	108	89	72	57	45	33	24	16
-65°	152	131	112	94	77	62	50	39	30	21	14
-67.5°	127	111	95	79	65	54	43	34	26	19	13
-70°	106	92	78	66	54	45	37	30	22	16	12
-72.5°	87	75	63	52	45	38	31	25	19	14	10
-75°	70	60	51	43	36	31	25	20	15	11	9
-77.5°	54	46	39	34	29	24	19	15	11	9	7
-80°	40	35	30	26	22	18	14	11	9	7	6
-82.5°	26	24	21	19	15	12	9	7	6	5	4
-85°	15	14	12	11	9	7	5	4	3	3	3
-87.5°	6	6	6	5	4	3	3	2	2	2	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: P627784 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-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°	2	1	0	0	0	0	0
45°	2	1	0	0	0	0	0
42.5°	3	2	0	0	0	0	0
40°	4	3	0	0	0	0	0
37.5°	4	3	1	0	0	0	0
35°	4	4	1	0	0	0	0
32.5°	5	4	2	0	0	0	0
30°	5	4	2	0	0	0	0
27.5°	5	4	2	0	0	0	0
25°	5	4	3	0	0	0	0
22.5°	5	5	3	0	0	0	0
20°	5	5	3	0	0	0	0
17.5°	5	5	4	0	0	0	0
15°	5	5	4	0	0	0	0
12.5°	6	5	4	0	0	0	0
10°	6	5	4	0	0	0	0
7.5°	7	5	4	0	0	0	0
5°	8	5	4	0	0	0	0
2.5°	8	5	4	0	0	0	0
0°	9	5	5	0	0	0	0
-2.5°	11	5	4	0	0	0	0
-5°	13	5	4	1	0	0	0
-7.5°	14	6	4	1	0	0	0
-10°	15	6	4	1	0	0	0
-12.5°	17	7	4	1	0	0	0
-15°	17	7	4	2	0	0	0
-17.5°	18	7	4	2	0	0	0
-20°	18	7	4	2	0	0	0

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REPORT NUMBER: P627784 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-722-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

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