

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: P627046 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-740-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627046 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-16)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2E-740-U-MWR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5 WITH VISOR
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14504.4 lumens
Efficiency: N/A
Efficacy: 115.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 20320.5 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 9715 lumens
Beam Efficiency: 67.0%

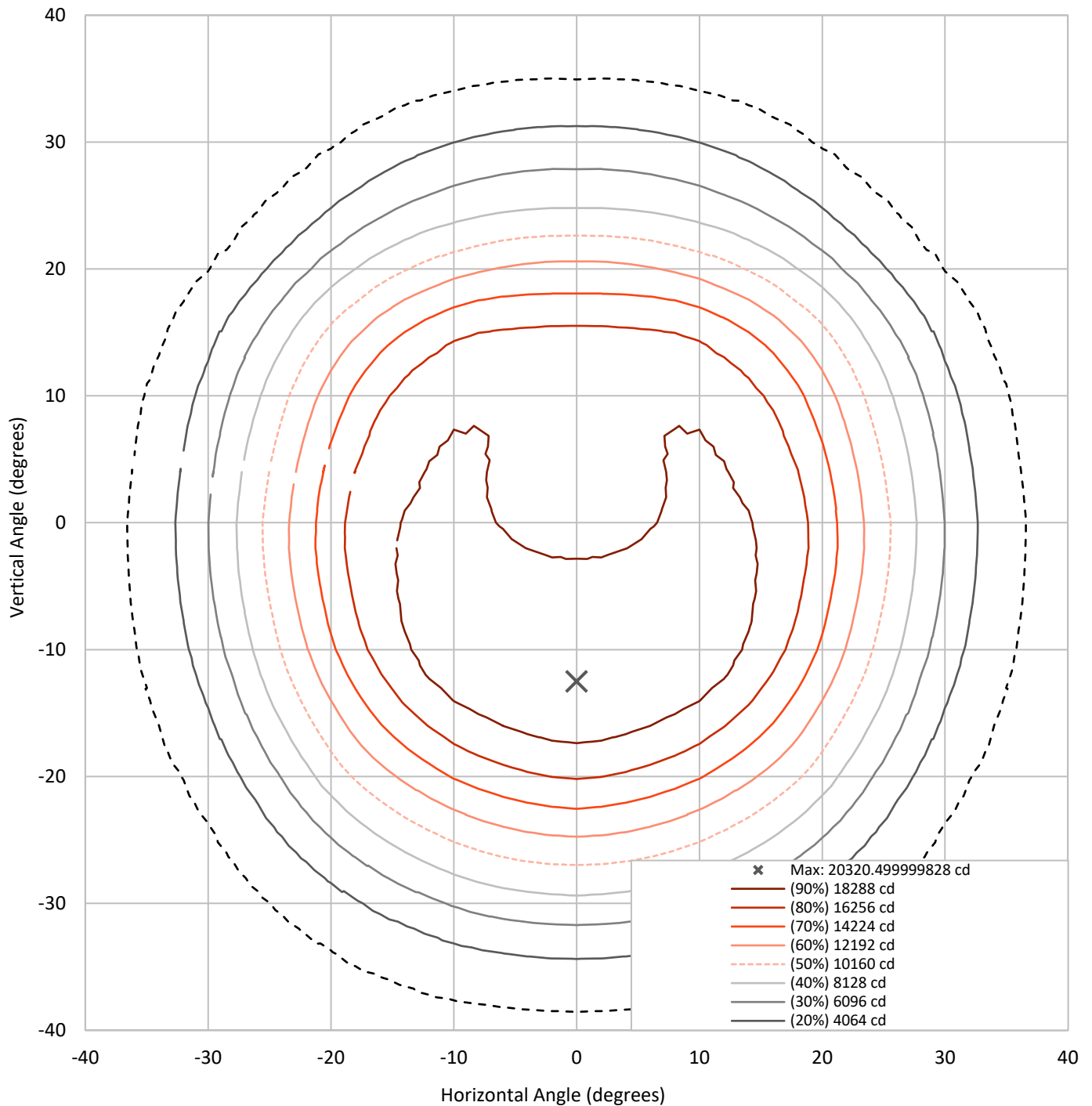
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 13073.5 lumens
Field Efficiency: 90.1%

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



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CATALOG NUMBER: GFLD-SA2E-740-U-MWR-VSR-XX

Iso-Candela Plot





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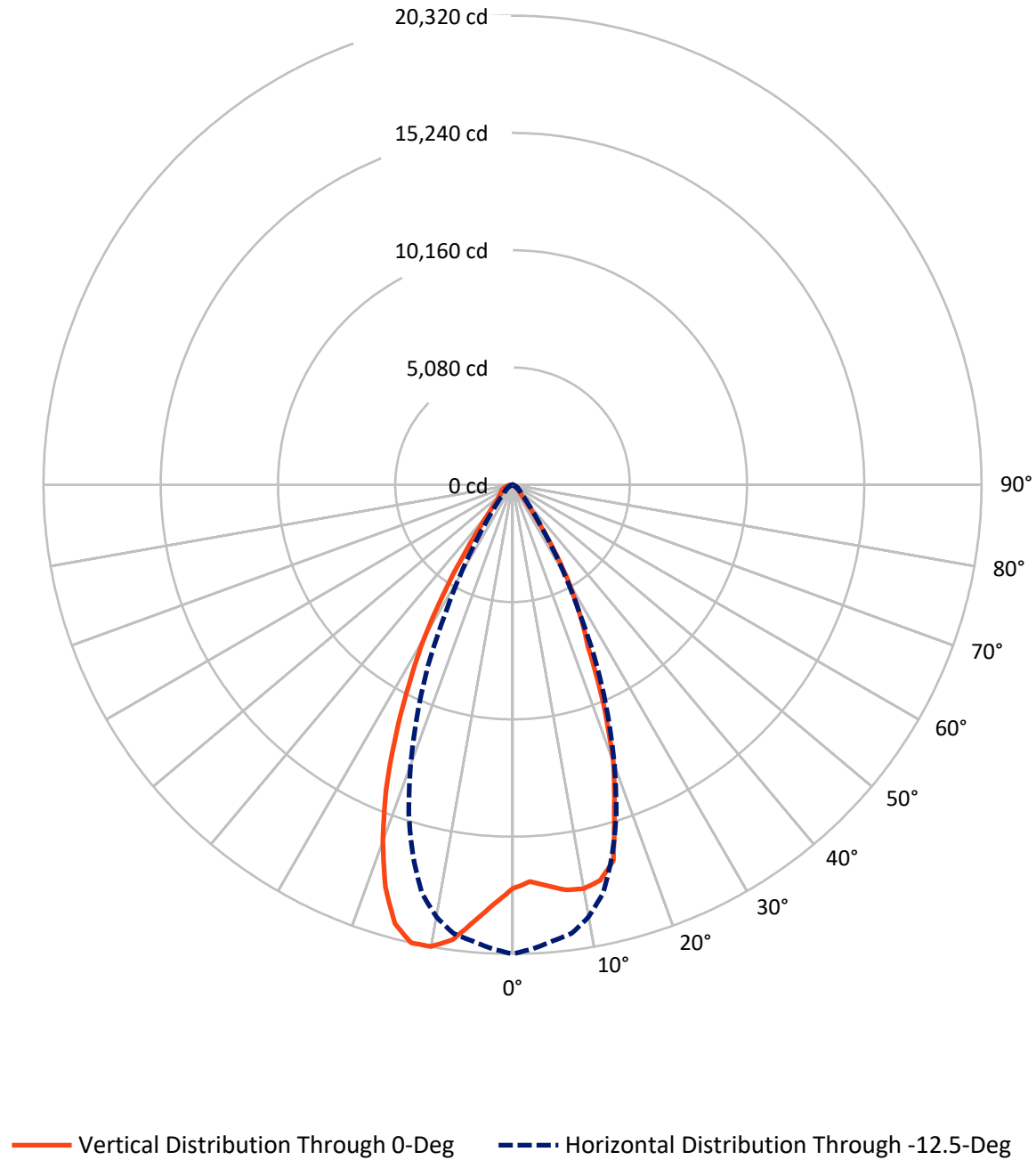
CATALOG NUMBER: GFLD-SA2E-740-U-MWR-VSR-XX

Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
70																			
60	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0				
50		0.0	0.1	0.5	1.2	2.0	2.8	3.2	3.2	2.8	2.0	1.2	0.5	0.1		0.0			
40	0.1	0.1	0.6	2.0	4.1	6.7	9.9	12.2	12.2	9.9	6.7	4.1	2.0	0.6	0.1	0.1			
30		0.3	1.6	4.2	8.7	18.8	42.8	65.4	65.4	42.8	18.8	8.7	4.2	1.6	0.3				
20	0.2	0.6	2.7	6.8	18.2	67.4	173.6	242.7	242.7	173.6	67.4	18.2	6.8	2.7	0.6	0.2			
10		1.0	3.8	10.5	43.3	187.2	390.6	483.6	483.6	390.6	187.2	43.3	10.5	3.8	1.0				
0	0.3	1.3	4.7	13.5	69.0	275.7	503.6	546.0	546.0	503.6	275.7	69.0	13.5	4.7	1.3	0.3			
-10		1.5	5.2	14.5	72.2	284.8	521.8	579.5	579.5	521.8	284.8	72.2	14.5	5.2	1.5				
-20	0.4	1.6	5.2	13.1	51.6	212.0	440.2	562.0	562.0	440.2	212.0	51.6	13.1	5.2	1.6	0.4			
-30		1.5	5.0	10.9	28.9	102.9	245.3	345.1	345.1	245.3	102.9	28.9	10.9	5.0	1.5				
-40	0.4	1.3	4.5	9.1	17.2	36.6	76.6	113.7	113.7	76.6	36.6	17.2	9.1	4.5	1.3	0.4			
-50		1.1	3.7	7.6	12.6	18.6	26.1	31.0	31.0	26.1	18.6	12.6	7.6	3.7	1.1				
-60	0.3	0.9	2.8	5.9	9.9	13.7	17.1	18.7	18.7	17.1	13.7	9.9	5.9	2.8	0.9	0.3			
-70		0.6	1.8	4.1	6.9	9.8	12.4	13.9	13.9	12.4	9.8	6.9	4.1	1.8	0.6				
-80	0.1	1.6	7.3	15.6	19.9	15.6	7.3	1.6	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

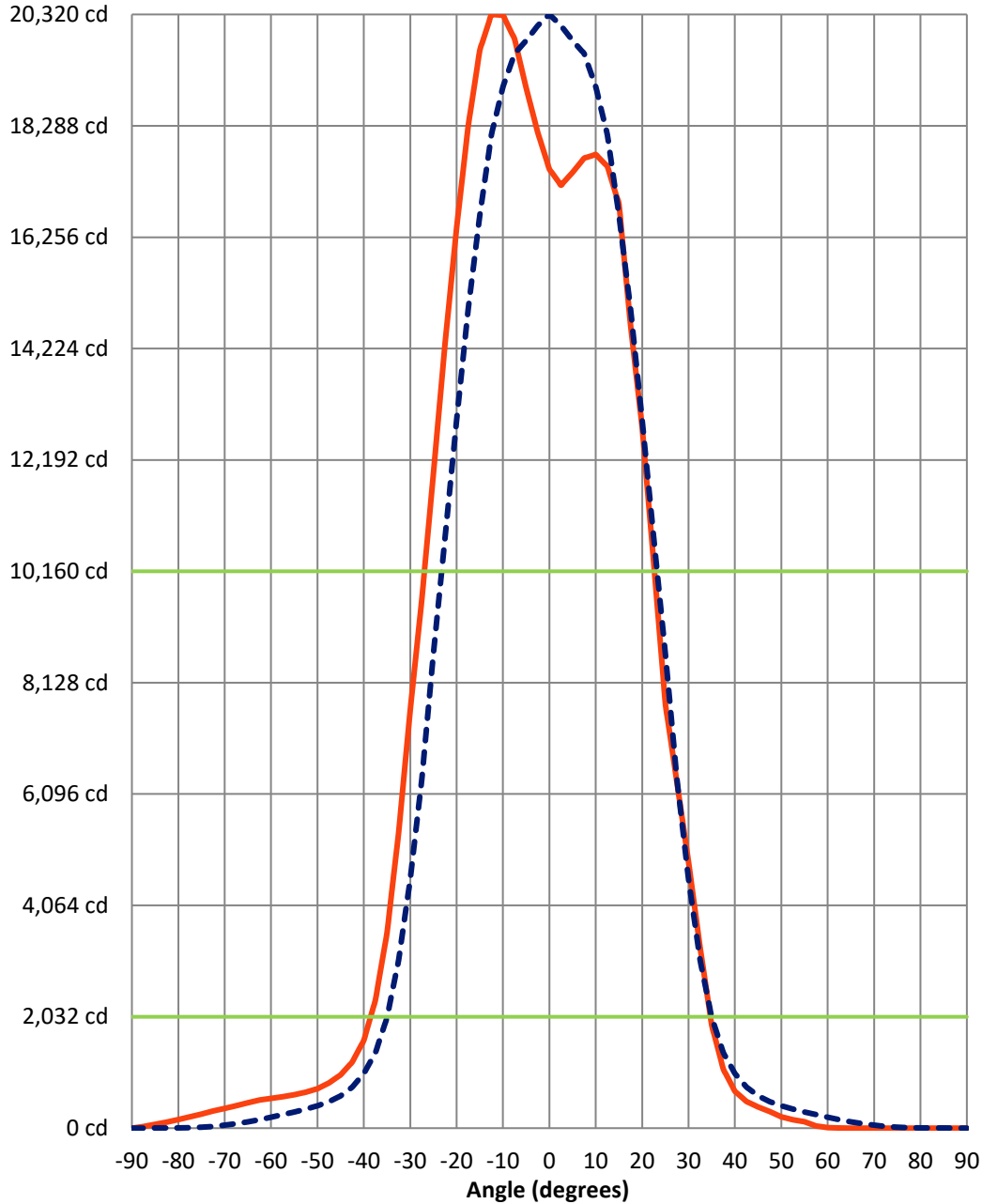
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 9715
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 13073.5
 Efficiency: 90.1%

Spill:
 Lumens: 1430.9
 Efficiency: 9.9%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through -12.5-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	1	1	0	0	0	0	0
67.5°	0	0	0	0	1	1	0	0	0	0	0
65°	0	0	0	1	1	1	0	0	1	1	1
62.5°	0	0	0	1	2	1	1	1	1	2	2
60°	0	0	0	1	2	1	1	1	2	2	3
57.5°	0	0	0	2	2	1	1	2	3	3	3
55°	0	0	0	2	2	2	2	3	3	3	3
52.5°	0	0	1	2	2	2	2	3	3	3	3
50°	0	0	1	3	2	2	3	4	3	3	4
47.5°	0	0	1	3	3	2	3	4	3	3	5
45°	0	0	1	3	3	3	4	4	3	4	5
42.5°	0	0	2	3	3	3	4	4	4	5	7
40°	0	0	2	3	3	3	4	5	4	6	8
37.5°	0	0	2	3	3	3	5	5	5	8	9
35°	0	0	2	3	3	4	5	5	7	9	12
32.5°	0	0	2	3	3	4	6	5	8	12	20
30°	0	0	2	3	3	4	6	6	9	15	27
27.5°	0	0	3	3	3	5	6	7	11	18	33
25°	0	0	3	3	3	5	6	8	13	22	39
22.5°	0	0	3	3	3	5	6	9	16	27	46
20°	0	0	3	3	3	6	7	10	19	32	53
17.5°	0	0	3	3	3	6	7	11	22	36	60
15°	0	0	3	3	3	6	7	12	25	40	67
12.5°	0	0	3	3	3	6	8	15	27	43	74
10°	0	0	3	3	3	6	8	17	30	48	81
7.5°	0	0	3	3	3	7	9	20	32	54	86
5°	0	0	3	3	3	7	9	22	34	59	91
2.5°	0	0	3	3	3	7	10	24	35	65	94
0°	0	0	3	3	3	7	10	27	37	70	97
-2.5°	0	0	3	3	4	7	12	28	41	73	102
-5°	0	0	3	3	4	7	13	28	46	76	106
-7.5°	0	0	3	3	4	8	15	29	50	78	110
-10°	0	0	3	3	4	8	16	29	53	80	113
-12.5°	0	0	3	3	5	8	17	30	55	82	115
-15°	0	0	3	3	5	8	18	30	56	83	116
-17.5°	0	0	3	3	5	8	19	31	56	83	116
-20°	0	1	3	3	5	9	19	33	55	82	115

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REPORT NUMBER: P627046 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	1	3	3	5	9	19	33	54	81	112
-25°	0	1	3	3	5	9	19	34	53	80	107
-27.5°	0	1	3	3	5	10	19	34	52	77	105
-30°	0	1	3	3	5	10	19	33	51	75	102
-32.5°	0	1	3	3	5	11	18	32	50	73	98
-35°	0	1	3	3	5	11	18	32	49	71	93
-37.5°	0	1	3	3	5	11	18	31	47	68	92
-40°	0	1	3	3	5	11	18	29	44	65	90
-42.5°	0	1	3	3	6	11	18	28	42	62	87
-45°	0	1	3	4	6	11	18	27	40	58	83
-47.5°	0	1	3	4	6	11	17	26	38	54	78
-50°	0	1	3	4	6	10	17	25	36	52	72
-52.5°	0	1	3	4	6	10	16	24	35	49	65
-55°	0	1	3	4	6	10	16	22	33	46	62
-57.5°	0	1	3	4	6	10	15	21	31	43	57
-60°	0	1	3	4	6	9	14	20	29	40	53
-62.5°	0	1	3	4	6	9	13	19	27	36	48
-65°	0	1	3	4	6	8	12	17	24	33	43
-67.5°	0	1	2	4	5	7	11	16	22	29	39
-70°	0	1	2	4	5	7	10	14	19	25	33
-72.5°	0	0	2	4	5	7	9	12	16	21	28
-75°	0	0	2	3	5	6	8	10	13	18	23
-77.5°	0	0	1	3	4	6	7	9	12	14	18
-80°	0	0	1	2	3	5	7	8	10	12	14
-82.5°	0	0	1	2	3	4	5	7	8	10	12
-85°	0	0	1	1	2	3	3	5	6	7	8
-87.5°	0	0	0	1	1	1	2	2	3	4	4
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627046 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	1	1	1	0	0	0	0	0	0	0
65°	2	2	2	1	0	1	1	1	0	0	0
62.5°	3	3	2	1	2	2	2	1	0	1	1
60°	3	3	2	3	3	3	2	2	3	3	8
57.5°	3	3	3	4	4	3	4	5	12	20	22
55°	3	3	4	4	5	6	9	19	28	34	37
52.5°	4	4	5	6	8	13	23	34	43	50	59
50°	4	5	7	9	15	26	39	51	62	73	86
47.5°	6	7	10	15	27	42	57	72	86	101	119
45°	7	11	14	26	41	60	79	96	110	127	144
42.5°	8	16	24	37	58	81	102	116	132	151	172
40°	14	23	35	54	77	103	122	138	154	181	207
37.5°	20	32	46	71	99	124	143	161	186	216	247
35°	28	41	62	89	120	144	165	188	221	256	293
32.5°	35	49	77	108	137	163	186	220	255	294	344
30°	43	62	92	126	153	180	212	250	285	332	392
27.5°	51	75	107	140	168	196	239	276	315	369	441
25°	59	88	122	154	183	218	265	304	345	413	510
22.5°	70	101	136	166	196	240	291	340	393	461	580
20°	81	113	148	181	210	262	319	379	451	546	702
17.5°	91	124	160	196	232	286	349	419	509	628	857
15°	100	134	172	210	253	310	379	466	575	722	1007
12.5°	109	143	184	225	272	331	405	500	628	841	1199
10°	116	151	194	239	288	350	428	529	672	926	1342
7.5°	122	159	205	252	302	367	448	552	711	992	1454
5°	128	169	213	262	313	381	464	570	744	1041	1540
2.5°	133	178	221	270	321	392	477	587	775	1082	1613
0°	137	187	227	276	326	400	486	600	800	1109	1669
-2.5°	141	191	234	282	336	406	491	609	808	1113	1658
-5°	145	194	241	286	343	409	492	612	806	1105	1624
-7.5°	148	196	246	289	347	411	493	610	798	1086	1568
-10°	151	198	247	293	348	410	490	603	779	1050	1485
-12.5°	154	200	248	294	348	408	484	589	749	997	1377
-15°	156	201	247	294	346	404	473	570	710	925	1244
-17.5°	157	201	246	292	343	397	459	548	673	862	1149
-20°	157	200	245	287	339	390	450	530	642	802	1033

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CATALOG NUMBER: GFLD-SA2E-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	155	199	243	283	333	383	439	509	603	734	921
-25°	152	197	240	280	326	375	424	486	568	684	840
-27.5°	147	193	235	276	317	365	412	468	540	629	753
-30°	140	187	229	270	311	355	400	447	510	588	688
-32.5°	132	181	221	262	303	345	387	431	485	550	628
-35°	127	173	214	252	293	334	374	415	459	517	584
-37.5°	124	164	206	242	281	321	360	399	440	485	545
-40°	120	156	197	234	268	307	345	382	420	465	511
-42.5°	115	150	188	225	258	294	329	365	403	444	488
-45°	110	143	179	213	247	280	315	348	385	424	465
-47.5°	104	135	169	200	232	266	299	333	365	402	441
-50°	97	126	157	186	216	249	282	316	348	379	413
-52.5°	89	115	145	173	200	228	262	296	328	359	389
-55°	80	105	132	160	186	211	241	275	306	337	368
-57.5°	74	94	119	145	172	197	224	253	285	314	344
-60°	68	84	105	130	156	181	208	235	263	291	318
-62.5°	61	76	93	114	138	163	188	213	240	264	288
-65°	55	67	82	99	118	141	165	189	213	235	255
-67.5°	49	59	71	84	101	120	139	161	183	204	224
-70°	42	51	61	72	85	100	118	136	153	172	191
-72.5°	35	43	52	61	72	85	99	113	128	145	161
-75°	29	35	43	50	59	70	81	94	106	119	132
-77.5°	23	28	34	40	47	55	64	74	84	94	104
-80°	18	21	26	31	36	42	49	55	63	71	80
-82.5°	14	17	19	23	26	30	34	39	45	51	57
-85°	10	12	13	15	17	20	22	25	28	32	36
-87.5°	5	6	7	8	9	10	11	12	14	15	17
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627046 (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	0	0	0	0	0
62.5°	1	1	1	1	1	1	2	2	2	2	3
60°	9	6	8	11	11	8	12	13	12	10	10
57.5°	23	25	29	34	37	39	43	46	49	50	51
55°	43	51	60	65	72	83	92	93	95	97	103
52.5°	69	79	83	91	105	114	119	126	135	143	150
50°	100	108	118	131	144	153	156	170	186	200	208
47.5°	131	142	160	183	194	204	218	236	254	274	289
45°	160	180	203	223	239	256	275	296	325	352	373
42.5°	193	216	239	262	279	308	341	366	408	444	467
40°	231	254	288	316	351	387	444	496	548	609	653
37.5°	278	313	360	406	458	511	612	715	799	917	982
35°	333	387	454	523	606	735	882	1081	1287	1459	1625
32.5°	397	467	559	682	822	1028	1249	1615	1972	2328	2678
30°	460	561	703	871	1101	1428	1844	2410	3022	3559	4044
27.5°	545	687	871	1123	1514	1994	2762	3547	4327	5023	5524
25°	646	838	1098	1514	2079	2875	3904	4867	5782	6465	7040
22.5°	794	1080	1450	1980	3005	4112	5343	6554	7583	8443	9010
20°	975	1363	1981	2942	4148	5532	7117	8391	9657	10625	11490
17.5°	1233	1851	2723	3944	5384	7230	8862	10283	11891	12881	13763
15°	1464	2259	3502	5059	6748	8704	10628	12368	13921	15008	15994
12.5°	1757	2692	4121	5954	7800	9978	11978	13842	15362	16481	17171
10°	2020	3137	4740	6656	8723	10999	13072	15012	16484	17349	17857
7.5°	2231	3506	5242	7258	9440	11731	13920	15845	17254	17978	18325
5°	2396	3780	5634	7751	10018	12361	14596	16480	17667	18265	18459
2.5°	2519	3971	5899	8076	10407	12827	15109	16966	17978	18410	18474
0°	2602	4105	6070	8279	10742	12994	15386	17272	18235	18581	18615
-2.5°	2582	4056	6063	8206	10703	13069	15430	17291	18322	18787	18863
-5°	2530	3942	5862	7996	10399	12768	15020	16985	18250	18953	19265
-7.5°	2429	3745	5518	7594	9906	12277	14574	16613	18068	19057	19667
-10°	2256	3457	5078	7087	9365	11624	13895	16011	17578	18769	19618
-12.5°	2020	3066	4542	6368	8657	10767	12917	14945	16655	18123	19001
-15°	1777	2659	3985	5655	7649	9726	11713	13702	15390	16764	17858
-17.5°	1603	2302	3339	4801	6552	8523	10460	12288	13812	15103	16250
-20°	1384	1903	2724	3954	5495	7218	9074	10700	12061	13272	14368

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627046 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1210	1630	2223	3062	4446	5966	7484	8982	10261	11339	12274
-25°	1051	1346	1810	2492	3392	4704	5984	7248	8429	9431	10274
-27.5°	927	1161	1470	1956	2639	3405	4526	5583	6598	7514	8309
-30°	813	989	1231	1535	1999	2568	3242	4033	4842	5566	6288
-32.5°	732	857	1023	1249	1509	1916	2324	2856	3368	3896	4414
-35°	659	760	873	1023	1202	1440	1708	2033	2307	2652	2971
-37.5°	609	680	766	861	989	1122	1304	1501	1671	1863	2025
-40°	567	623	682	746	833	923	1040	1151	1259	1376	1464
-42.5°	533	577	619	669	721	793	872	941	1006	1075	1132
-45°	505	539	573	611	650	702	758	810	853	891	922
-47.5°	476	506	536	565	599	637	674	706	742	772	794
-50°	447	476	504	529	559	588	617	644	669	691	705
-52.5°	419	449	476	500	524	549	573	596	618	638	647
-55°	397	426	453	474	495	515	537	559	580	599	604
-57.5°	374	402	428	448	467	486	506	526	546	564	570
-60°	347	377	400	418	438	458	476	495	513	529	535
-62.5°	314	341	362	381	398	415	435	455	474	490	499
-65°	276	299	320	338	355	371	390	408	426	439	449
-67.5°	243	261	278	294	311	327	345	362	378	390	398
-70°	209	226	242	257	272	286	301	315	329	340	347
-72.5°	177	192	205	219	232	245	257	270	281	291	298
-75°	146	159	170	182	193	203	213	222	232	239	246
-77.5°	115	125	135	145	155	163	170	178	185	191	197
-80°	88	96	103	110	118	124	129	135	140	145	150
-82.5°	63	68	73	78	83	87	91	95	99	103	106
-85°	40	43	46	48	51	54	56	59	61	63	66
-87.5°	19	20	22	23	24	25	27	28	29	30	31
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627046 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	3	3	3	3	3	3	3	3	2	2	2
60°	10	10	10	10	10	10	10	10	10	12	13
57.5°	50	47	43	40	43	47	50	51	50	49	46
55°	109	115	117	117	117	115	109	103	97	95	93
52.5°	155	158	157	153	157	158	155	150	143	135	126
50°	211	212	210	207	210	212	211	208	200	186	170
47.5°	297	301	304	303	304	301	297	289	274	254	236
45°	381	385	387	387	387	385	381	373	352	325	296
42.5°	479	486	489	486	489	486	479	467	444	408	366
40°	679	687	683	673	683	687	679	653	609	548	496
37.5°	1029	1062	1076	1076	1076	1062	1029	982	917	799	715
35°	1774	1893	1947	1879	1947	1893	1774	1625	1459	1287	1081
32.5°	2963	3173	3292	3292	3292	3173	2963	2678	2328	1972	1615
30°	4411	4675	4823	4854	4823	4675	4411	4044	3559	3022	2410
27.5°	5914	6186	6328	6307	6328	6186	5914	5524	5023	4327	3547
25°	7421	7628	7746	7750	7746	7628	7421	7040	6465	5782	4867
22.5°	9648	10082	10261	10309	10261	10082	9648	9010	8443	7583	6554
20°	12076	12496	12768	12784	12768	12496	12076	11490	10625	9657	8391
17.5°	14388	14597	14636	14653	14636	14597	14388	13763	12881	11891	10283
15°	16569	16642	16835	16859	16835	16642	16569	15994	15008	13921	12368
12.5°	17604	17671	17638	17549	17638	17671	17604	17171	16481	15362	13842
10°	18169	18074	17934	17765	17934	18074	18169	17857	17349	16484	15012
7.5°	18296	18192	17944	17698	17944	18192	18296	18325	17978	17254	15845
5°	18357	18049	17737	17439	17737	18049	18357	18459	18265	17667	16480
2.5°	18321	17955	17526	17205	17526	17955	18321	18474	18410	17978	16966
0°	18438	18068	17618	17499	17618	18068	18438	18615	18581	18235	17272
-2.5°	18763	18464	18229	18165	18229	18464	18763	18863	18787	18322	17291
-5°	19349	19283	18884	18978	18884	19283	19349	19265	18953	18250	16985
-7.5°	19915	19821	19652	19871	19652	19821	19915	19667	19057	18068	16613
-10°	20065	20034	20113	20307	20113	20034	20065	19618	18769	17578	16011
-12.5°	19604	19846	20117	20320	20117	19846	19604	19001	18123	16655	14945
-15°	18576	19070	19475	19667	19475	19070	18576	17858	16764	15390	13702
-17.5°	17062	17668	18148	18285	18148	17668	17062	16250	15103	13812	12288
-20°	15198	15815	16251	16426	16251	15815	15198	14368	13272	12061	10700

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REPORT NUMBER: P627046 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13101	13702	14098	14307	14098	13702	13101	12274	11339	10261	8982
-25°	10972	11501	11852	11944	11852	11501	10972	10274	9431	8429	7248
-27.5°	8936	9361	9620	9649	9620	9361	8936	8309	7514	6598	5583
-30°	6888	7283	7507	7626	7507	7283	6888	6288	5566	4842	4033
-32.5°	4838	5151	5341	5391	5341	5151	4838	4414	3896	3368	2856
-35°	3225	3420	3541	3565	3541	3420	3225	2971	2652	2307	2033
-37.5°	2157	2252	2310	2339	2310	2252	2157	2025	1863	1671	1501
-40°	1528	1573	1597	1603	1597	1573	1528	1464	1376	1259	1151
-42.5°	1169	1191	1203	1206	1203	1191	1169	1132	1075	1006	941
-45°	944	960	970	973	970	960	944	922	891	853	810
-47.5°	808	818	824	826	824	818	808	794	772	742	706
-50°	713	718	721	720	721	718	713	705	691	669	644
-52.5°	653	657	658	656	658	657	653	647	638	618	596
-55°	608	611	611	610	611	611	608	604	599	580	559
-57.5°	574	578	577	573	577	578	574	570	564	546	526
-60°	540	544	545	543	545	544	540	535	529	513	495
-62.5°	507	513	514	513	514	513	507	499	490	474	455
-65°	458	466	466	463	466	466	458	449	439	426	408
-67.5°	405	411	411	410	411	411	405	398	390	378	362
-70°	355	361	361	360	361	361	355	347	340	329	315
-72.5°	305	311	313	313	313	311	305	298	291	281	270
-75°	253	258	258	257	258	258	253	246	239	232	222
-77.5°	203	209	208	207	208	209	203	197	191	185	178
-80°	155	159	158	157	158	159	155	150	145	140	135
-82.5°	110	113	111	110	111	113	110	106	103	99	95
-85°	68	70	70	70	70	70	68	66	63	61	59
-87.5°	32	33	32	30	32	33	32	31	30	29	28
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627046 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	1
62.5°	2	1	1	1	1	1	1	1	1	0	1
60°	12	8	11	11	8	6	9	8	3	3	2
57.5°	43	39	37	34	29	25	23	22	20	12	5
55°	92	83	72	65	60	51	43	37	34	28	19
52.5°	119	114	105	91	83	79	69	59	50	43	34
50°	156	153	144	131	118	108	100	86	73	62	51
47.5°	218	204	194	183	160	142	131	119	101	86	72
45°	275	256	239	223	203	180	160	144	127	110	96
42.5°	341	308	279	262	239	216	193	172	151	132	116
40°	444	387	351	316	288	254	231	207	181	154	138
37.5°	612	511	458	406	360	313	278	247	216	186	161
35°	882	735	606	523	454	387	333	293	256	221	188
32.5°	1249	1028	822	682	559	467	397	344	294	255	220
30°	1844	1428	1101	871	703	561	460	392	332	285	250
27.5°	2762	1994	1514	1123	871	687	545	441	369	315	276
25°	3904	2875	2079	1514	1098	838	646	510	413	345	304
22.5°	5343	4112	3005	1980	1450	1080	794	580	461	393	340
20°	7117	5532	4148	2942	1981	1363	975	702	546	451	379
17.5°	8862	7230	5384	3944	2723	1851	1233	857	628	509	419
15°	10628	8704	6748	5059	3502	2259	1464	1007	722	575	466
12.5°	11978	9978	7800	5954	4121	2692	1757	1199	841	628	500
10°	13072	10999	8723	6656	4740	3137	2020	1342	926	672	529
7.5°	13920	11731	9440	7258	5242	3506	2231	1454	992	711	552
5°	14596	12361	10018	7751	5634	3780	2396	1540	1041	744	570
2.5°	15109	12827	10407	8076	5899	3971	2519	1613	1082	775	587
0°	15386	12994	10742	8279	6070	4105	2602	1669	1109	800	600
-2.5°	15430	13069	10703	8206	6063	4056	2582	1658	1113	808	609
-5°	15020	12768	10399	7996	5862	3942	2530	1624	1105	806	612
-7.5°	14574	12277	9906	7594	5518	3745	2429	1568	1086	798	610
-10°	13895	11624	9365	7087	5078	3457	2256	1485	1050	779	603
-12.5°	12917	10767	8657	6368	4542	3066	2020	1377	997	749	589
-15°	11713	9726	7649	5655	3985	2659	1777	1244	925	710	570
-17.5°	10460	8523	6552	4801	3339	2302	1603	1149	862	673	548
-20°	9074	7218	5495	3954	2724	1903	1384	1033	802	642	530

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REPORT NUMBER: P627046 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7484	5966	4446	3062	2223	1630	1210	921	734	603	509
-25°	5984	4704	3392	2492	1810	1346	1051	840	684	568	486
-27.5°	4526	3405	2639	1956	1470	1161	927	753	629	540	468
-30°	3242	2568	1999	1535	1231	989	813	688	588	510	447
-32.5°	2324	1916	1509	1249	1023	857	732	628	550	485	431
-35°	1708	1440	1202	1023	873	760	659	584	517	459	415
-37.5°	1304	1122	989	861	766	680	609	545	485	440	399
-40°	1040	923	833	746	682	623	567	511	465	420	382
-42.5°	872	793	721	669	619	577	533	488	444	403	365
-45°	758	702	650	611	573	539	505	465	424	385	348
-47.5°	674	637	599	565	536	506	476	441	402	365	333
-50°	617	588	559	529	504	476	447	413	379	348	316
-52.5°	573	549	524	500	476	449	419	389	359	328	296
-55°	537	515	495	474	453	426	397	368	337	306	275
-57.5°	506	486	467	448	428	402	374	344	314	285	253
-60°	476	458	438	418	400	377	347	318	291	263	235
-62.5°	435	415	398	381	362	341	314	288	264	240	213
-65°	390	371	355	338	320	299	276	255	235	213	189
-67.5°	345	327	311	294	278	261	243	224	204	183	161
-70°	301	286	272	257	242	226	209	191	172	153	136
-72.5°	257	245	232	219	205	192	177	161	145	128	113
-75°	213	203	193	182	170	159	146	132	119	106	94
-77.5°	170	163	155	145	135	125	115	104	94	84	74
-80°	129	124	118	110	103	96	88	80	71	63	55
-82.5°	91	87	83	78	73	68	63	57	51	45	39
-85°	56	54	51	48	46	43	40	36	32	28	25
-87.5°	27	25	24	23	22	20	19	17	15	14	12
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P627046 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	1	1	1	0	0	0	0	0
65°	1	1	0	1	2	2	2	1	1	1	0
62.5°	2	2	2	1	2	3	3	2	2	1	1
60°	2	3	3	3	2	3	3	3	2	2	1
57.5°	4	3	4	4	3	3	3	3	3	3	2
55°	9	6	5	4	4	3	3	3	3	3	3
52.5°	23	13	8	6	5	4	4	3	3	3	3
50°	39	26	15	9	7	5	4	4	3	3	4
47.5°	57	42	27	15	10	7	6	5	3	3	4
45°	79	60	41	26	14	11	7	5	4	3	4
42.5°	102	81	58	37	24	16	8	7	5	4	4
40°	122	103	77	54	35	23	14	8	6	4	5
37.5°	143	124	99	71	46	32	20	9	8	5	5
35°	165	144	120	89	62	41	28	12	9	7	5
32.5°	186	163	137	108	77	49	35	20	12	8	5
30°	212	180	153	126	92	62	43	27	15	9	6
27.5°	239	196	168	140	107	75	51	33	18	11	7
25°	265	218	183	154	122	88	59	39	22	13	8
22.5°	291	240	196	166	136	101	70	46	27	16	9
20°	319	262	210	181	148	113	81	53	32	19	10
17.5°	349	286	232	196	160	124	91	60	36	22	11
15°	379	310	253	210	172	134	100	67	40	25	12
12.5°	405	331	272	225	184	143	109	74	43	27	15
10°	428	350	288	239	194	151	116	81	48	30	17
7.5°	448	367	302	252	205	159	122	86	54	32	20
5°	464	381	313	262	213	169	128	91	59	34	22
2.5°	477	392	321	270	221	178	133	94	65	35	24
0°	486	400	326	276	227	187	137	97	70	37	27
-2.5°	491	406	336	282	234	191	141	102	73	41	28
-5°	492	409	343	286	241	194	145	106	76	46	28
-7.5°	493	411	347	289	246	196	148	110	78	50	29
-10°	490	410	348	293	247	198	151	113	80	53	29
-12.5°	484	408	348	294	248	200	154	115	82	55	30
-15°	473	404	346	294	247	201	156	116	83	56	30
-17.5°	459	397	343	292	246	201	157	116	83	56	31
-20°	450	390	339	287	245	200	157	115	82	55	33

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REPORT NUMBER: P627046 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	439	383	333	283	243	199	155	112	81	54	33
-25°	424	375	326	280	240	197	152	107	80	53	34
-27.5°	412	365	317	276	235	193	147	105	77	52	34
-30°	400	355	311	270	229	187	140	102	75	51	33
-32.5°	387	345	303	262	221	181	132	98	73	50	32
-35°	374	334	293	252	214	173	127	93	71	49	32
-37.5°	360	321	281	242	206	164	124	92	68	47	31
-40°	345	307	268	234	197	156	120	90	65	44	29
-42.5°	329	294	258	225	188	150	115	87	62	42	28
-45°	315	280	247	213	179	143	110	83	58	40	27
-47.5°	299	266	232	200	169	135	104	78	54	38	26
-50°	282	249	216	186	157	126	97	72	52	36	25
-52.5°	262	228	200	173	145	115	89	65	49	35	24
-55°	241	211	186	160	132	105	80	62	46	33	22
-57.5°	224	197	172	145	119	94	74	57	43	31	21
-60°	208	181	156	130	105	84	68	53	40	29	20
-62.5°	188	163	138	114	93	76	61	48	36	27	19
-65°	165	141	118	99	82	67	55	43	33	24	17
-67.5°	139	120	101	84	71	59	49	39	29	22	16
-70°	118	100	85	72	61	51	42	33	25	19	14
-72.5°	99	85	72	61	52	43	35	28	21	16	12
-75°	81	70	59	50	43	35	29	23	18	13	10
-77.5°	64	55	47	40	34	28	23	18	14	12	9
-80°	49	42	36	31	26	21	18	14	12	10	8
-82.5°	34	30	26	23	19	17	14	12	10	8	7
-85°	22	20	17	15	13	12	10	8	7	6	5
-87.5°	11	10	9	8	7	6	5	4	4	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: P627046 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0
70°	0	1	1	0	0	0	0
67.5°	0	1	1	0	0	0	0
65°	0	1	1	1	0	0	0
62.5°	1	1	2	1	0	0	0
60°	1	1	2	1	0	0	0
57.5°	1	1	2	2	0	0	0
55°	2	2	2	2	0	0	0
52.5°	2	2	2	2	1	0	0
50°	3	2	2	3	1	0	0
47.5°	3	2	3	3	1	0	0
45°	4	3	3	3	1	0	0
42.5°	4	3	3	3	2	0	0
40°	4	3	3	3	2	0	0
37.5°	5	3	3	3	2	0	0
35°	5	4	3	3	2	0	0
32.5°	6	4	3	3	2	0	0
30°	6	4	3	3	2	0	0
27.5°	6	5	3	3	3	0	0
25°	6	5	3	3	3	0	0
22.5°	6	5	3	3	3	0	0
20°	7	6	3	3	3	0	0
17.5°	7	6	3	3	3	0	0
15°	7	6	3	3	3	0	0
12.5°	8	6	3	3	3	0	0
10°	8	6	3	3	3	0	0
7.5°	9	7	3	3	3	0	0
5°	9	7	3	3	3	0	0
2.5°	10	7	3	3	3	0	0
0°	10	7	3	3	3	0	0
-2.5°	12	7	4	3	3	0	0
-5°	13	7	4	3	3	0	0
-7.5°	15	8	4	3	3	0	0
-10°	16	8	4	3	3	0	0
-12.5°	17	8	5	3	3	0	0
-15°	18	8	5	3	3	0	0
-17.5°	19	8	5	3	3	0	0
-20°	19	9	5	3	3	1	0

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REPORT NUMBER: P627046 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-740-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)