

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: P626964 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-730-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626964 (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-SA2D-730-U-MR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12446.2 lumens
Efficiency: N/A
Efficacy: 114.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 43883.1 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 6223.2 lumens
Beam Efficiency: 50.0%

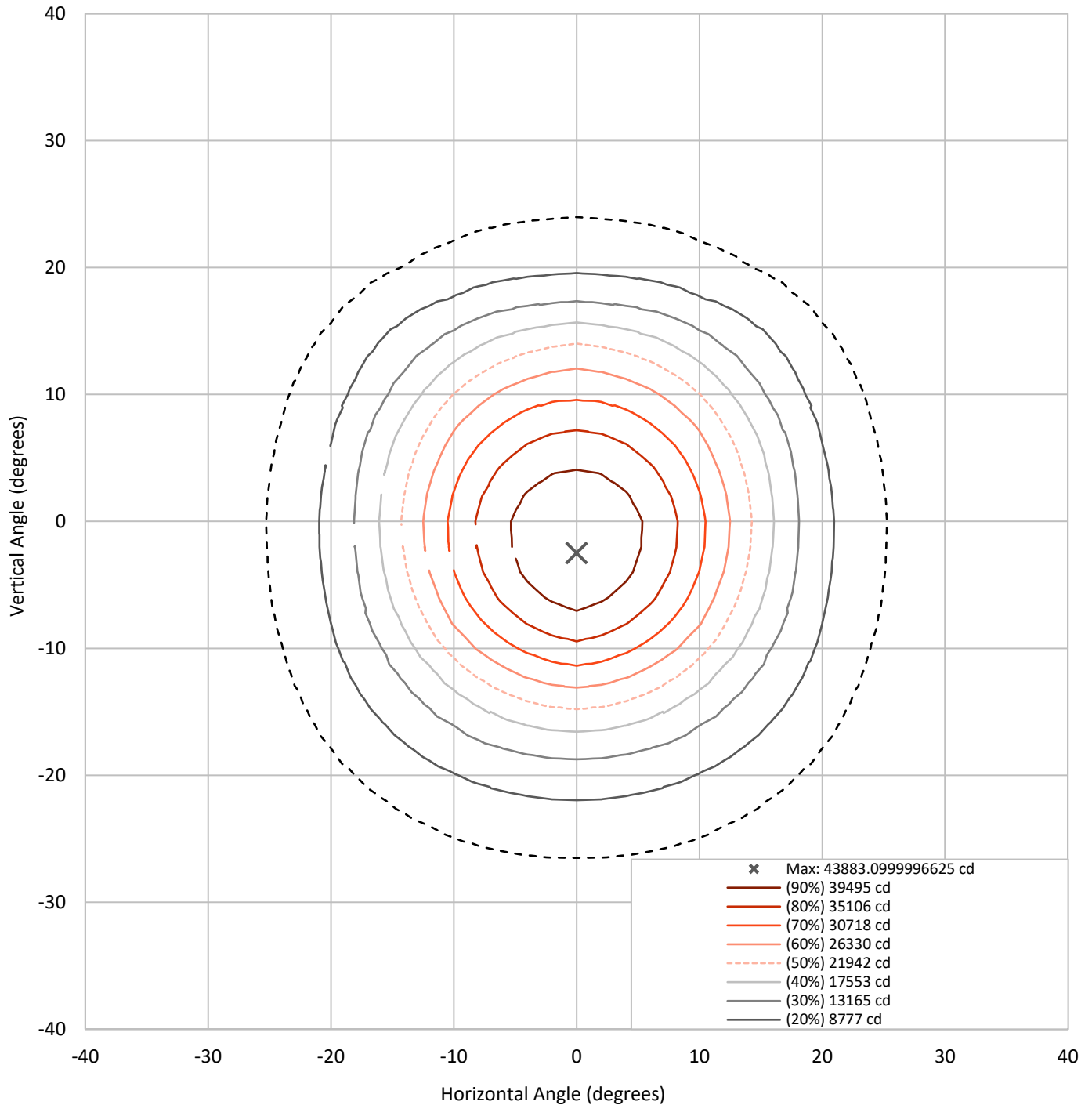
Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 10693.6 lumens
Field Efficiency: 85.9%

Input Watts (W): 108.7
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	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	0.0	0.0		
60		0.0	0.1	0.4	0.8	1.4	2.0	2.4	2.4	2.0	1.4	0.8	0.4	0.1				0.0	
50	0.0	0.1	0.4	1.4	2.6	4.0	5.7	6.6	6.6	5.7	4.0	2.6	1.4	0.4	0.1	0.0	0.0		
40		0.2	1.1	2.7	4.9	8.0	13.4	17.9	17.9	13.4	8.0	4.9	2.7	1.1	0.2				
30	0.1	0.4	1.7	4.1	7.7	18.8	59.1	108.3	108.3	59.1	18.8	7.7	4.1	1.7	0.4	0.1	0.1		
20		0.6	2.3	5.5	13.2	64.8	263.6	516.1	516.1	263.6	64.8	13.2	5.5	2.3	0.6				
10	0.2	0.8	2.8	6.6	19.0	123.6	532.2	1043.2	1043.2	532.2	123.6	19.0	6.6	2.8	0.8	0.2	0.2		
0		0.9	3.1	7.0	20.3	129.4	546.1	1106.1	1106.1	546.1	129.4	20.3	7.0	3.1	0.9				
-10	0.2	1.0	3.1	6.8	16.7	79.5	302.0	585.4	585.4	302.0	79.5	16.7	6.8	3.1	1.0	0.2	0.2		
-20		0.9	3.0	6.2	12.2	30.9	93.5	166.9	166.9	93.5	30.9	12.2	6.2	3.0	0.9				
-30	0.2	0.8	2.6	5.4	9.3	15.2	24.9	33.3	33.3	24.9	15.2	9.3	5.4	2.6	0.8	0.2	0.2		
-40		0.7	2.2	4.4	7.3	10.5	13.8	15.5	15.5	13.8	10.5	7.3	4.4	2.2	0.7				
-50	0.1	0.5	1.7	3.5	5.7	8.0	10.0	10.8	10.8	10.0	8.0	5.7	3.5	1.7	0.5	0.1	0.1		
-60		0.3	1.0	2.3	3.8	5.4	6.8	7.5	7.5	6.8	5.4	3.8	2.3	1.0	0.3				
-70	0.0	0.8	3.7	7.9	10.0	7.9	3.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
-80		0.8	3.7	7.9	10.0	7.9	3.7	0.8											
-90	0.0	0.8	3.7	7.9	10.0	7.9	3.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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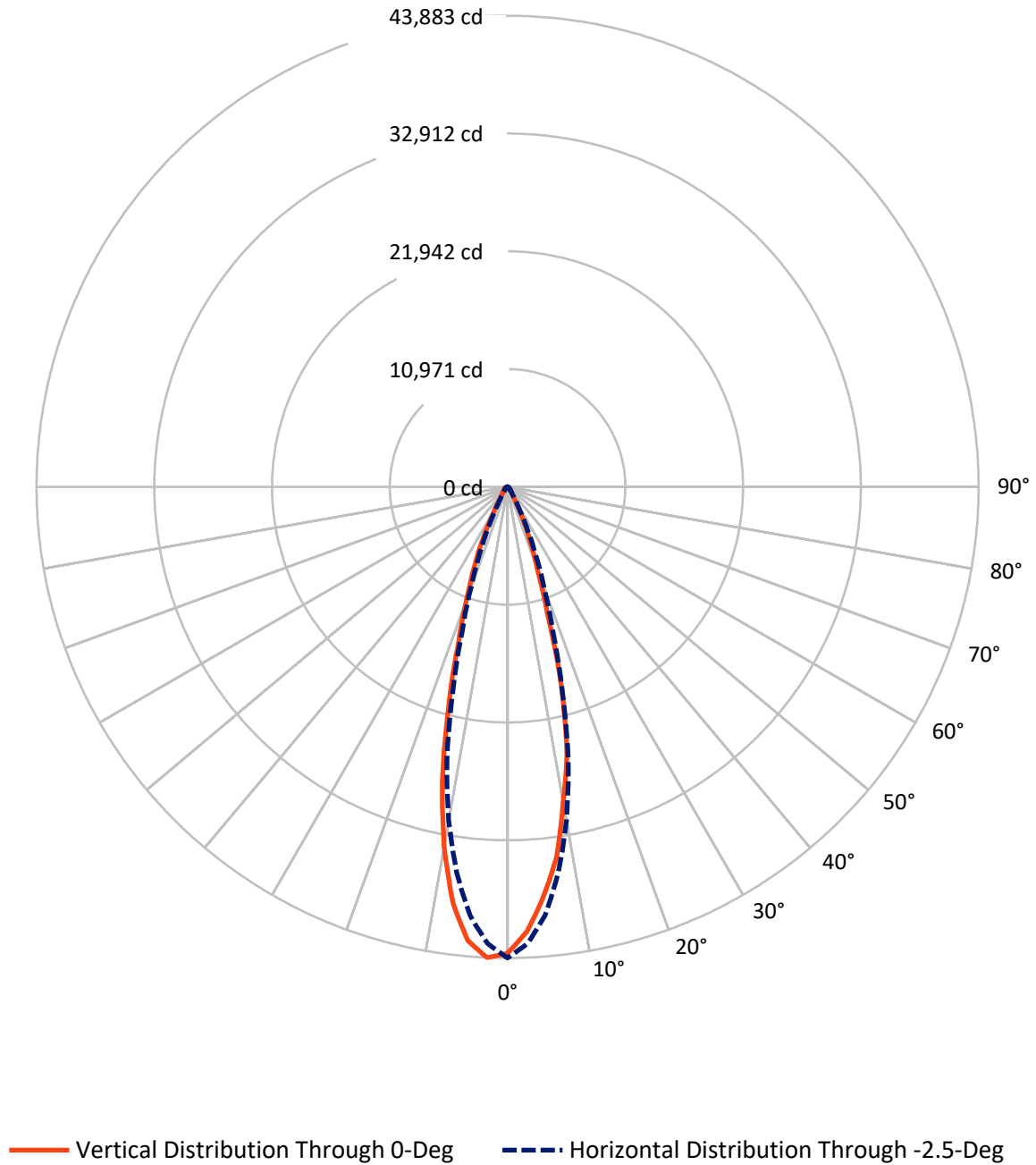
Scaled Data Report



REPORT NUMBER: P626964 (CONVERTED FROM TYPE C PHOTOMETRY)

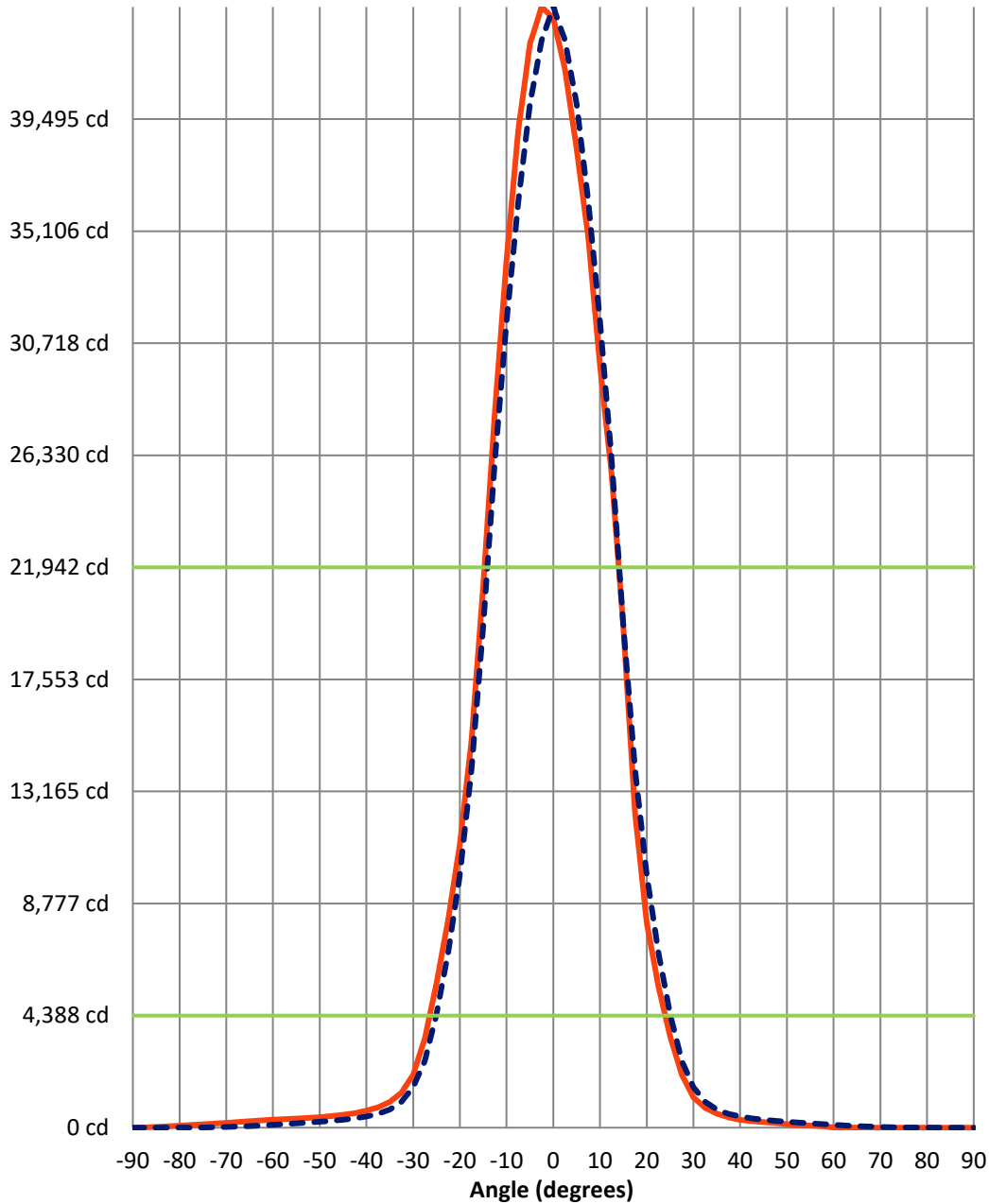
CATALOG NUMBER: GFLD-SA2D-730-U-MR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 6223.2
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 10693.6
 Efficiency: 85.9%

Spill:
 Lumens: 1752.6
 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	1	1
55°	0	0	0	0	0	0	0	0	1	2	1
52.5°	0	0	0	0	0	0	1	1	2	2	1
50°	0	0	0	0	0	0	1	1	3	2	2
47.5°	0	0	0	0	0	1	1	2	3	2	2
45°	0	0	0	0	0	1	2	3	3	3	3
42.5°	0	0	0	0	0	1	2	3	3	3	4
40°	0	0	0	0	0	2	2	3	3	3	7
37.5°	0	0	0	0	0	2	2	3	3	4	9
35°	0	0	0	0	1	2	3	3	4	7	12
32.5°	0	0	0	0	1	2	3	3	5	9	15
30°	0	0	0	0	1	3	3	3	6	12	18
27.5°	0	0	0	0	2	3	3	4	8	14	22
25°	0	0	0	0	2	3	3	5	10	17	26
22.5°	0	0	0	0	2	3	3	6	12	20	31
20°	0	0	0	0	2	3	3	7	13	23	36
17.5°	0	0	0	0	2	3	3	8	15	26	40
15°	0	0	0	0	2	3	3	9	17	29	44
12.5°	0	0	0	0	3	3	4	11	18	32	47
10°	0	0	0	0	3	3	4	12	20	35	50
7.5°	0	0	0	0	3	3	4	13	21	38	54
5°	0	0	0	0	3	3	5	15	23	40	56
2.5°	0	0	0	0	3	3	5	16	24	42	59
0°	0	0	0	0	3	3	5	17	25	44	61
-2.5°	0	0	0	0	3	3	7	17	27	46	63
-5°	0	0	0	0	3	3	8	17	30	47	64
-7.5°	0	0	0	1	3	4	9	17	31	48	65
-10°	0	0	0	1	3	4	9	17	33	49	66
-12.5°	0	0	0	1	3	4	10	18	34	50	67
-15°	0	0	0	1	3	4	11	18	34	50	69
-17.5°	0	0	0	1	3	4	11	18	34	51	69
-20°	0	0	0	1	3	4	11	19	33	50	69

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CATALOG NUMBER: GFLD-SA2D-730-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	0	1	3	4	11	20	32	50	68
-25°	0	0	0	1	3	5	11	20	31	49	66
-27.5°	0	0	0	1	3	5	11	21	30	47	65
-30°	0	0	0	1	3	5	11	21	30	46	63
-32.5°	0	0	0	1	3	6	11	20	30	44	60
-35°	0	0	0	1	3	6	11	20	30	42	57
-37.5°	0	0	0	1	4	6	11	20	29	41	56
-40°	0	0	0	1	4	6	11	19	28	39	54
-42.5°	0	0	0	1	4	6	11	18	27	38	52
-45°	0	0	0	1	3	6	10	17	26	36	50
-47.5°	0	0	0	0	3	6	10	17	25	34	47
-50°	0	0	0	0	3	6	9	16	24	32	44
-52.5°	0	0	0	0	3	6	9	14	22	30	40
-55°	0	0	0	1	3	5	9	13	20	28	37
-57.5°	0	0	0	1	2	5	8	12	18	26	34
-60°	0	0	0	1	2	5	7	11	16	23	31
-62.5°	0	0	0	1	2	4	7	10	15	20	27
-65°	0	0	0	1	2	4	6	9	13	18	24
-67.5°	0	0	0	1	2	3	6	8	11	16	21
-70°	0	0	0	1	2	3	5	7	10	14	18
-72.5°	0	0	0	1	2	3	5	6	8	11	15
-75°	0	0	0	0	1	3	4	5	7	9	12
-77.5°	0	0	0	0	1	2	3	4	6	7	9
-80°	0	0	0	0	1	2	3	3	4	5	6
-82.5°	0	0	0	0	1	1	2	3	3	3	4
-85°	0	0	0	0	0	1	1	2	2	2	2
-87.5°	0	0	0	0	0	0	1	1	1	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626964 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	1	0	1	1
60°	0	0	0	1	1	1	2	2	3	3	6
57.5°	0	1	1	2	2	3	4	5	9	13	15
55°	1	2	2	2	4	7	9	14	18	24	29
52.5°	2	3	3	4	8	12	18	24	31	37	42
50°	3	3	4	9	14	20	29	38	44	49	57
47.5°	4	4	8	14	21	31	42	50	56	66	77
45°	5	8	13	21	30	43	53	61	71	83	95
42.5°	7	12	20	28	42	55	64	75	86	100	112
40°	11	16	26	39	54	66	78	90	102	117	131
37.5°	14	23	34	49	65	78	92	105	120	136	152
35°	17	29	43	59	75	91	106	121	140	157	175
32.5°	22	36	51	68	85	103	120	140	159	178	200
30°	28	43	59	77	95	114	135	157	176	198	222
27.5°	35	49	67	86	104	125	151	173	193	217	243
25°	40	56	74	94	114	138	165	187	209	235	266
22.5°	46	62	83	101	123	150	178	204	228	254	290
20°	51	70	91	110	132	163	192	220	249	281	321
17.5°	57	76	98	120	144	175	205	237	269	309	358
15°	62	83	106	129	156	187	219	254	291	337	394
12.5°	66	88	113	138	166	197	231	267	310	366	436
10°	70	93	120	146	174	207	241	279	325	385	468
7.5°	74	98	127	153	182	215	250	289	338	401	493
5°	78	103	131	158	188	222	257	298	348	414	513
2.5°	80	107	135	162	193	226	262	303	355	427	529
0°	83	110	138	166	196	229	265	307	359	437	539
-2.5°	86	114	141	169	200	232	268	310	364	440	541
-5°	88	117	144	172	203	234	270	311	366	440	543
-7.5°	89	119	146	174	205	236	271	313	368	439	542
-10°	90	120	147	175	206	237	271	312	366	435	533
-12.5°	92	121	148	176	207	238	270	310	360	426	516
-15°	93	121	148	176	206	237	268	305	352	415	494
-17.5°	93	120	147	174	205	236	265	300	345	404	478
-20°	93	120	146	172	202	233	262	296	338	390	457

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CATALOG NUMBER: GFLD-SA2D-730-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°	92	119	144	169	199	229	259	290	329	373	433
-25°	91	117	142	167	194	223	253	283	319	361	412
-27.5°	89	115	139	164	190	217	246	275	309	347	391
-30°	85	112	136	160	186	212	238	267	297	333	373
-32.5°	81	108	132	156	181	206	230	258	287	317	354
-35°	78	103	127	150	175	199	222	246	275	304	334
-37.5°	75	98	122	143	167	191	213	236	261	289	317
-40°	72	93	116	137	159	183	204	225	248	275	302
-42.5°	69	89	110	131	152	173	195	215	236	261	287
-45°	66	85	104	124	145	164	184	205	226	248	272
-47.5°	63	80	99	117	137	156	174	194	216	237	258
-50°	59	75	92	109	128	148	166	183	203	224	244
-52.5°	54	70	85	101	118	137	156	174	191	208	228
-55°	49	63	78	93	108	126	144	162	179	195	212
-57.5°	44	56	70	85	99	113	131	148	165	181	198
-60°	39	50	62	76	90	103	118	134	150	165	181
-62.5°	35	44	54	66	79	93	106	120	135	148	161
-65°	31	38	47	57	68	80	93	106	119	130	140
-67.5°	26	33	40	48	58	68	78	89	101	111	121
-70°	23	27	33	40	48	56	65	74	83	92	101
-72.5°	19	23	27	32	38	46	53	60	68	76	84
-75°	15	19	22	26	31	36	43	49	55	62	68
-77.5°	12	15	18	21	24	28	33	38	43	49	54
-80°	8	11	13	16	18	21	24	28	31	35	39
-82.5°	6	7	9	11	13	14	16	18	21	24	27
-85°	3	4	5	7	7	8	9	10	12	13	15
-87.5°	2	2	3	3	3	4	4	4	5	5	6
-90°	0	0	0	0	0	0	0	0	0	0	0



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 CATALOG NUMBER: GFLD-SA2D-730-U-MR-VSR-XX

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	1	2	3	3	3	4	4	4	4	4
60°	7	7	10	13	12	10	14	16	15	13	13
57.5°	19	24	28	29	33	38	40	40	40	42	47
55°	34	38	40	46	52	57	61	64	67	71	75
52.5°	46	53	57	63	70	75	77	84	91	96	100
50°	66	72	80	87	94	101	107	114	123	133	139
47.5°	86	95	104	115	123	130	137	147	160	171	178
45°	105	115	127	138	147	156	166	179	192	203	212
42.5°	123	134	146	158	166	180	195	209	224	239	249
40°	142	153	171	184	195	209	232	251	270	287	298
37.5°	166	185	204	219	234	252	283	313	336	360	376
35°	195	217	241	258	280	314	351	392	434	467	496
32.5°	222	246	271	298	331	379	427	493	553	616	675
30°	246	273	303	338	392	459	536	637	746	855	980
27.5°	272	302	337	393	475	566	708	867	1093	1275	1569
25°	299	333	382	470	584	744	993	1276	1744	2143	2594
22.5°	333	385	454	565	754	1043	1430	2046	2765	3432	4069
20°	375	445	563	739	1011	1455	2189	3124	4123	5099	6044
17.5°	430	542	710	960	1346	2279	3371	4707	6418	7703	8922
15°	480	622	876	1281	2006	3208	4734	6780	9083	11020	13211
12.5°	539	711	1017	1542	2579	4167	6112	8553	11279	14218	17650
10°	591	801	1196	1919	3176	5025	7204	10069	13571	17730	22067
7.5°	631	878	1345	2201	3680	5729	8328	11813	16247	21109	26054
5°	662	936	1462	2423	4108	6300	9149	13192	18247	23826	28745
2.5°	686	978	1540	2559	4397	6690	9710	13925	19470	25601	30765
0°	705	1003	1583	2655	4531	6874	9969	14221	20043	26470	31781
-2.5°	711	1016	1585	2622	4450	6863	9909	14040	19648	26125	31565
-5°	714	1009	1545	2552	4305	6617	9512	13350	18440	24516	30029
-7.5°	708	982	1464	2381	3979	6183	8958	12327	16499	21856	27554
-10°	689	935	1354	2149	3531	5504	8095	10942	14275	18648	23265
-12.5°	655	865	1203	1802	3003	4737	7031	9548	12145	15019	18817
-15°	613	793	1079	1591	2515	3930	5788	7914	10069	12270	14587
-17.5°	582	730	953	1310	1931	3075	4561	6269	8018	9766	11326
-20°	542	655	829	1107	1558	2235	3353	4681	5988	7413	8609

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P626964 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	507	603	733	908	1211	1688	2325	3260	4254	5288	6270
-25°	473	546	649	789	971	1254	1675	2164	2861	3498	4227
-27.5°	445	506	576	680	817	972	1231	1516	1881	2185	2672
-30°	418	466	524	591	691	810	948	1122	1300	1480	1713
-32.5°	392	433	478	532	594	683	769	880	978	1086	1197
-35°	367	403	441	483	531	590	654	728	793	858	916
-37.5°	346	376	408	442	481	521	572	624	668	710	746
-40°	327	352	380	408	439	471	511	549	579	606	629
-42.5°	311	333	354	378	404	434	464	494	514	533	548
-45°	295	314	334	353	374	400	427	450	465	480	491
-47.5°	278	296	313	331	351	372	393	410	424	437	445
-50°	262	279	295	310	328	346	365	379	391	402	408
-52.5°	246	262	278	293	308	322	337	351	363	374	378
-55°	230	246	260	275	289	303	316	328	339	349	353
-57.5°	215	231	246	258	270	282	295	306	317	327	330
-60°	197	214	227	238	250	262	272	283	294	303	307
-62.5°	176	191	203	214	225	235	245	255	264	272	276
-65°	152	164	176	187	197	206	215	224	232	238	242
-67.5°	130	140	150	160	169	178	186	194	201	206	210
-70°	110	118	127	136	145	153	160	167	173	178	181
-72.5°	91	99	107	115	122	129	135	141	147	151	154
-75°	74	81	87	94	101	106	111	116	121	124	127
-77.5°	59	64	69	74	79	83	87	91	95	98	100
-80°	44	48	51	55	59	62	65	68	71	73	76
-82.5°	29	32	35	38	41	43	45	46	48	50	52
-85°	17	19	21	23	24	26	27	28	29	30	31
-87.5°	7	8	8	9	10	10	10	11	11	11	12
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626964 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	1
62.5°	3	3	3	3	3	3	3	4	4	4	4
60°	12	11	11	11	11	11	12	13	13	15	16
57.5°	52	55	57	58	57	55	52	47	42	40	40
55°	78	81	81	80	81	81	78	75	71	67	64
52.5°	101	102	101	100	101	102	101	100	96	91	84
50°	140	140	140	141	140	140	140	139	133	123	114
47.5°	181	183	183	182	183	183	181	178	171	160	147
45°	216	218	219	218	219	218	216	212	203	192	179
42.5°	254	255	256	257	256	255	254	249	239	224	209
40°	303	305	305	304	305	305	303	298	287	270	251
37.5°	388	394	396	403	396	394	388	376	360	336	313
35°	519	533	541	553	541	533	519	496	467	434	392
32.5°	717	746	761	776	761	746	717	675	616	553	493
30°	1066	1123	1146	1188	1146	1123	1066	980	855	746	637
27.5°	1784	1919	1972	2083	1972	1919	1784	1569	1275	1093	867
25°	3005	3296	3457	3584	3457	3296	3005	2594	2143	1744	1276
22.5°	4711	5138	5366	5534	5366	5138	4711	4069	3432	2765	2046
20°	6900	7463	7799	8043	7799	7463	6900	6044	5099	4123	3124
17.5°	10486	11372	11889	12334	11889	11372	10486	8922	7703	6418	4707
15°	15655	17434	18817	19587	18817	17434	15655	13211	11020	9083	6780
12.5°	20683	23289	24838	25550	24838	23289	20683	17650	14218	11279	8553
10°	25656	28113	29586	29847	29586	28113	25656	22067	17730	13571	10069
7.5°	29462	32165	34123	34834	34123	32165	29462	26054	21109	16247	11813
5°	32825	35989	38061	38324	38061	35989	32825	28745	23826	18247	13192
2.5°	35298	38738	40747	41438	40747	38738	35298	30765	25601	19470	13925
0°	36495	40200	42435	43441	42435	40200	36495	31781	26470	20043	14221
-2.5°	36243	40075	42570	43883	42570	40075	36243	31565	26125	19648	14040
-5°	34865	38708	41035	42430	41035	38708	34865	30029	24516	18440	13350
-7.5°	31687	35281	37758	39045	37758	35281	31687	27554	21856	16499	12327
-10°	27592	30634	32891	33988	32891	30634	27592	23265	18648	14275	10942
-12.5°	22271	25222	27258	28034	27258	25222	22271	18817	15019	12145	9548
-15°	17064	19316	20762	21220	20762	19316	17064	14587	12270	10069	7914
-17.5°	12940	14153	14967	15186	14967	14153	12940	11326	9766	8018	6269
-20°	9695	10446	10974	11099	10974	10446	9695	8609	7413	5988	4681

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REPORT NUMBER: P626964 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	7064	7629	8055	8140	8055	7629	7064	6270	5288	4254	3260
-25°	4873	5345	5634	5656	5634	5345	4873	4227	3498	2861	2164
-27.5°	3055	3314	3448	3495	3448	3314	3055	2672	2185	1881	1516
-30°	1888	2007	2070	2072	2070	2007	1888	1713	1480	1300	1122
-32.5°	1281	1339	1371	1371	1371	1339	1281	1197	1086	978	880
-35°	960	990	1007	1009	1007	990	960	916	858	793	728
-37.5°	772	788	797	799	797	788	772	746	710	668	624
-40°	646	657	664	669	664	657	646	629	606	579	549
-42.5°	558	566	569	566	569	566	558	548	533	514	494
-45°	497	502	504	506	504	502	497	491	480	465	450
-47.5°	449	451	452	453	452	451	449	445	437	424	410
-50°	411	413	413	412	413	413	411	408	402	391	379
-52.5°	380	380	381	381	381	380	380	378	374	363	351
-55°	355	355	356	356	356	355	355	353	349	339	328
-57.5°	333	336	336	334	336	336	333	330	327	317	306
-60°	311	313	315	315	315	313	311	307	303	294	283
-62.5°	280	283	284	285	284	283	280	276	272	264	255
-65°	245	247	251	254	251	247	245	242	238	232	224
-67.5°	212	214	218	221	218	214	212	210	206	201	194
-70°	184	187	188	188	188	187	184	181	178	173	167
-72.5°	157	159	160	160	160	159	157	154	151	147	141
-75°	130	132	132	133	132	132	130	127	124	121	116
-77.5°	102	104	105	105	105	104	102	100	98	95	91
-80°	78	80	79	77	79	80	78	76	73	71	68
-82.5°	53	55	54	53	54	55	53	52	50	48	46
-85°	32	33	32	30	32	33	32	31	30	29	28
-87.5°	13	14	12	11	12	14	13	12	11	11	11
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626964 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-730-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°	4	3	3	3	2	1	1	1	1	0	1
60°	14	10	12	13	10	7	7	6	3	3	2
57.5°	40	38	33	29	28	24	19	15	13	9	5
55°	61	57	52	46	40	38	34	29	24	18	14
52.5°	77	75	70	63	57	53	46	42	37	31	24
50°	107	101	94	87	80	72	66	57	49	44	38
47.5°	137	130	123	115	104	95	86	77	66	56	50
45°	166	156	147	138	127	115	105	95	83	71	61
42.5°	195	180	166	158	146	134	123	112	100	86	75
40°	232	209	195	184	171	153	142	131	117	102	90
37.5°	283	252	234	219	204	185	166	152	136	120	105
35°	351	314	280	258	241	217	195	175	157	140	121
32.5°	427	379	331	298	271	246	222	200	178	159	140
30°	536	459	392	338	303	273	246	222	198	176	157
27.5°	708	566	475	393	337	302	272	243	217	193	173
25°	993	744	584	470	382	333	299	266	235	209	187
22.5°	1430	1043	754	565	454	385	333	290	254	228	204
20°	2189	1455	1011	739	563	445	375	321	281	249	220
17.5°	3371	2279	1346	960	710	542	430	358	309	269	237
15°	4734	3208	2006	1281	876	622	480	394	337	291	254
12.5°	6112	4167	2579	1542	1017	711	539	436	366	310	267
10°	7204	5025	3176	1919	1196	801	591	468	385	325	279
7.5°	8328	5729	3680	2201	1345	878	631	493	401	338	289
5°	9149	6300	4108	2423	1462	936	662	513	414	348	298
2.5°	9710	6690	4397	2559	1540	978	686	529	427	355	303
0°	9969	6874	4531	2655	1583	1003	705	539	437	359	307
-2.5°	9909	6863	4450	2622	1585	1016	711	541	440	364	310
-5°	9512	6617	4305	2552	1545	1009	714	543	440	366	311
-7.5°	8958	6183	3979	2381	1464	982	708	542	439	368	313
-10°	8095	5504	3531	2149	1354	935	689	533	435	366	312
-12.5°	7031	4737	3003	1802	1203	865	655	516	426	360	310
-15°	5788	3930	2515	1591	1079	793	613	494	415	352	305
-17.5°	4561	3075	1931	1310	953	730	582	478	404	345	300
-20°	3353	2235	1558	1107	829	655	542	457	390	338	296

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REPORT NUMBER: P626964 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	2325	1688	1211	908	733	603	507	433	373	329	290
-25°	1675	1254	971	789	649	546	473	412	361	319	283
-27.5°	1231	972	817	680	576	506	445	391	347	309	275
-30°	948	810	691	591	524	466	418	373	333	297	267
-32.5°	769	683	594	532	478	433	392	354	317	287	258
-35°	654	590	531	483	441	403	367	334	304	275	246
-37.5°	572	521	481	442	408	376	346	317	289	261	236
-40°	511	471	439	408	380	352	327	302	275	248	225
-42.5°	464	434	404	378	354	333	311	287	261	236	215
-45°	427	400	374	353	334	314	295	272	248	226	205
-47.5°	393	372	351	331	313	296	278	258	237	216	194
-50°	365	346	328	310	295	279	262	244	224	203	183
-52.5°	337	322	308	293	278	262	246	228	208	191	174
-55°	316	303	289	275	260	246	230	212	195	179	162
-57.5°	295	282	270	258	246	231	215	198	181	165	148
-60°	272	262	250	238	227	214	197	181	165	150	134
-62.5°	245	235	225	214	203	191	176	161	148	135	120
-65°	215	206	197	187	176	164	152	140	130	119	106
-67.5°	186	178	169	160	150	140	130	121	111	101	89
-70°	160	153	145	136	127	118	110	101	92	83	74
-72.5°	135	129	122	115	107	99	91	84	76	68	60
-75°	111	106	101	94	87	81	74	68	62	55	49
-77.5°	87	83	79	74	69	64	59	54	49	43	38
-80°	65	62	59	55	51	48	44	39	35	31	28
-82.5°	45	43	41	38	35	32	29	27	24	21	18
-85°	27	26	24	23	21	19	17	15	13	12	10
-87.5°	10	10	10	9	8	8	7	6	5	5	4
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626964 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-730-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
60°	2	1	1	1	0	0	0	1	1	0	0
57.5°	4	3	2	2	1	1	0	1	1	1	0
55°	9	7	4	2	2	2	1	1	2	1	0
52.5°	18	12	8	4	3	3	2	1	2	2	1
50°	29	20	14	9	4	3	3	2	2	3	1
47.5°	42	31	21	14	8	4	4	2	2	3	2
45°	53	43	30	21	13	8	5	3	3	3	3
42.5°	64	55	42	28	20	12	7	4	3	3	3
40°	78	66	54	39	26	16	11	7	3	3	3
37.5°	92	78	65	49	34	23	14	9	4	3	3
35°	106	91	75	59	43	29	17	12	7	4	3
32.5°	120	103	85	68	51	36	22	15	9	5	3
30°	135	114	95	77	59	43	28	18	12	6	3
27.5°	151	125	104	86	67	49	35	22	14	8	4
25°	165	138	114	94	74	56	40	26	17	10	5
22.5°	178	150	123	101	83	62	46	31	20	12	6
20°	192	163	132	110	91	70	51	36	23	13	7
17.5°	205	175	144	120	98	76	57	40	26	15	8
15°	219	187	156	129	106	83	62	44	29	17	9
12.5°	231	197	166	138	113	88	66	47	32	18	11
10°	241	207	174	146	120	93	70	50	35	20	12
7.5°	250	215	182	153	127	98	74	54	38	21	13
5°	257	222	188	158	131	103	78	56	40	23	15
2.5°	262	226	193	162	135	107	80	59	42	24	16
0°	265	229	196	166	138	110	83	61	44	25	17
-2.5°	268	232	200	169	141	114	86	63	46	27	17
-5°	270	234	203	172	144	117	88	64	47	30	17
-7.5°	271	236	205	174	146	119	89	65	48	31	17
-10°	271	237	206	175	147	120	90	66	49	33	17
-12.5°	270	238	207	176	148	121	92	67	50	34	18
-15°	268	237	206	176	148	121	93	69	50	34	18
-17.5°	265	236	205	174	147	120	93	69	51	34	18
-20°	262	233	202	172	146	120	93	69	50	33	19

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REPORT NUMBER: P626964 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	259	229	199	169	144	119	92	68	50	32	20
-25°	253	223	194	167	142	117	91	66	49	31	20
-27.5°	246	217	190	164	139	115	89	65	47	30	21
-30°	238	212	186	160	136	112	85	63	46	30	21
-32.5°	230	206	181	156	132	108	81	60	44	30	20
-35°	222	199	175	150	127	103	78	57	42	30	20
-37.5°	213	191	167	143	122	98	75	56	41	29	20
-40°	204	183	159	137	116	93	72	54	39	28	19
-42.5°	195	173	152	131	110	89	69	52	38	27	18
-45°	184	164	145	124	104	85	66	50	36	26	17
-47.5°	174	156	137	117	99	80	63	47	34	25	17
-50°	166	148	128	109	92	75	59	44	32	24	16
-52.5°	156	137	118	101	85	70	54	40	30	22	14
-55°	144	126	108	93	78	63	49	37	28	20	13
-57.5°	131	113	99	85	70	56	44	34	26	18	12
-60°	118	103	90	76	62	50	39	31	23	16	11
-62.5°	106	93	79	66	54	44	35	27	20	15	10
-65°	93	80	68	57	47	38	31	24	18	13	9
-67.5°	78	68	58	48	40	33	26	21	16	11	8
-70°	65	56	48	40	33	27	23	18	14	10	7
-72.5°	53	46	38	32	27	23	19	15	11	8	6
-75°	43	36	31	26	22	19	15	12	9	7	5
-77.5°	33	28	24	21	18	15	12	9	7	6	4
-80°	24	21	18	16	13	11	8	6	5	4	3
-82.5°	16	14	13	11	9	7	6	4	3	3	3
-85°	9	8	7	7	5	4	3	2	2	2	2
-87.5°	4	4	3	3	3	2	2	1	1	1	1
-90°	0	0	0	0	0	0	0	0	0	0	0

Classified

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

Scaled Data Report



REPORT NUMBER: P626964 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-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°	2	1	0	0	0	0	0
40°	2	2	0	0	0	0	0
37.5°	2	2	0	0	0	0	0
35°	3	2	1	0	0	0	0
32.5°	3	2	1	0	0	0	0
30°	3	3	1	0	0	0	0
27.5°	3	3	2	0	0	0	0
25°	3	3	2	0	0	0	0
22.5°	3	3	2	0	0	0	0
20°	3	3	2	0	0	0	0
17.5°	3	3	2	0	0	0	0
15°	3	3	2	0	0	0	0
12.5°	4	3	3	0	0	0	0
10°	4	3	3	0	0	0	0
7.5°	4	3	3	0	0	0	0
5°	5	3	3	0	0	0	0
2.5°	5	3	3	0	0	0	0
0°	5	3	3	0	0	0	0
-2.5°	7	3	3	0	0	0	0
-5°	8	3	3	0	0	0	0
-7.5°	9	4	3	1	0	0	0
-10°	9	4	3	1	0	0	0
-12.5°	10	4	3	1	0	0	0
-15°	11	4	3	1	0	0	0
-17.5°	11	4	3	1	0	0	0
-20°	11	4	3	1	0	0	0

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REPORT NUMBER: P626964 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-730-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)