

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: P626664 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-730-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P626664 (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-SA1C-730-U-MR-VSR-XX
 Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
 Light Source: (16) 3000K CCT, 70 CRI LEDS
 Ballast/Driver: -

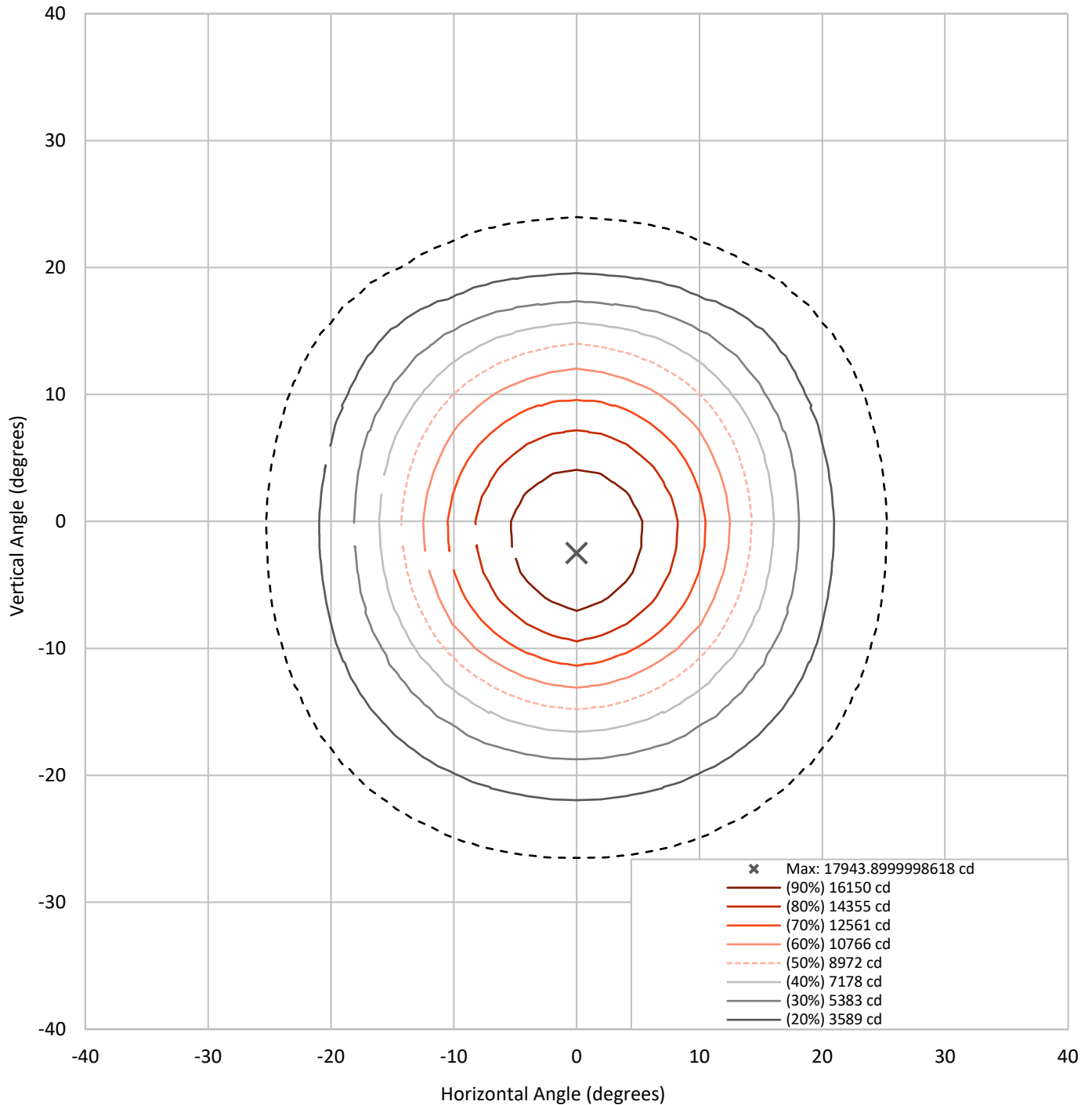
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	5089.3 lumens	Max Intensity:	17943.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -2.5°V
Efficacy:	117.0 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' 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:	2544.7 lumens	Field Lumens:	4372.6 lumens
Beam Efficiency:	50.0%	Field Efficiency:	85.9%
Input Watts (W):	43.5		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P626664 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-730-U-MR-VSR-XX

Iso-Candela Plot





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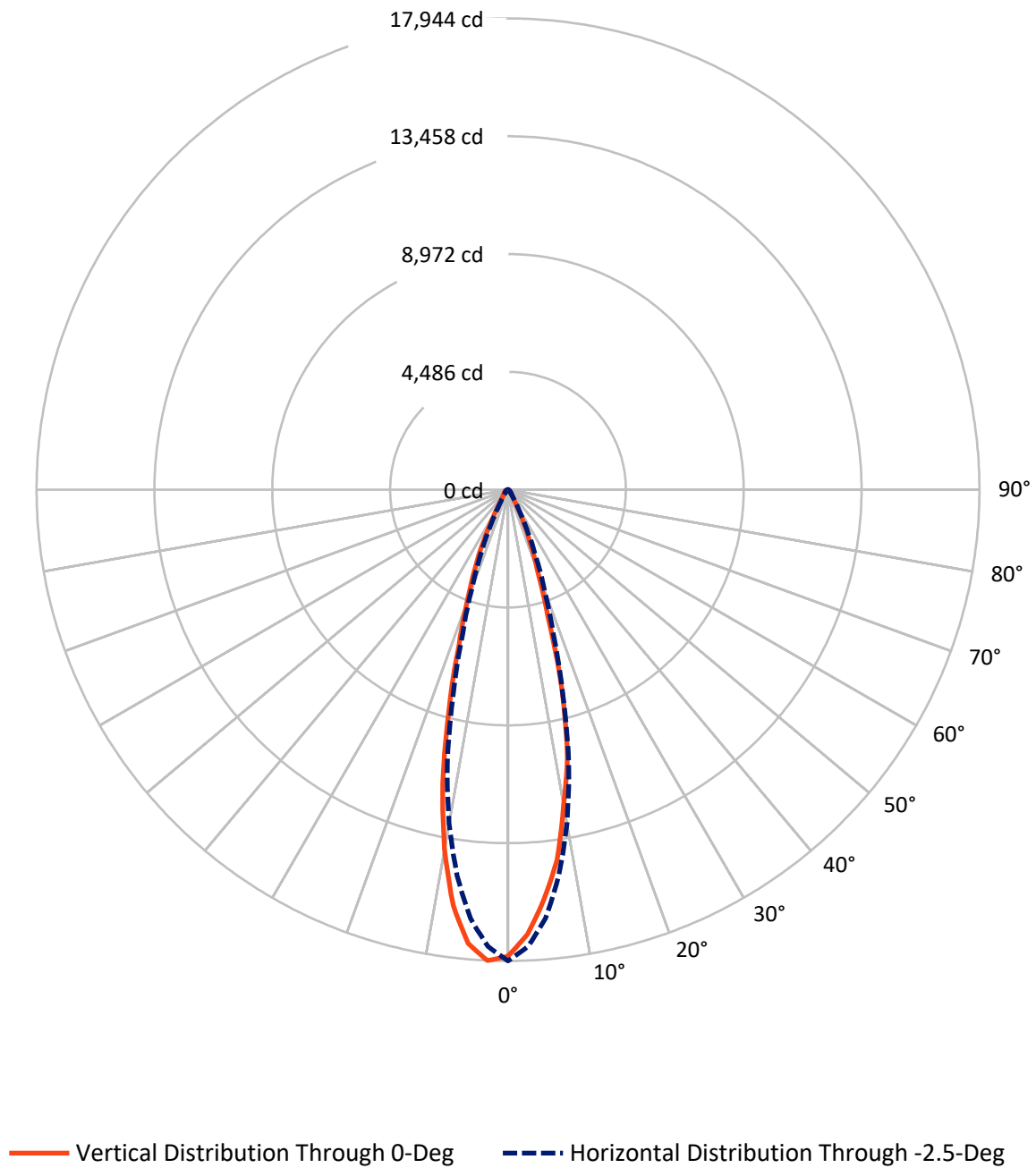
CATALOG NUMBER: GFLD-SA1C-730-U-MR-VSR-XX

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60		0.0	0.0	0.1	0.3	0.6	0.8	1.0	1.0	0.8	0.6	0.3	0.1	0.0	0.0		
50	0.0	0.0	0.2	0.6	1.1	1.6	2.3	2.7	2.7	2.3	1.6	1.1	0.6	0.2	0.0	0.0	
40		0.1	0.4	1.1	2.0	3.3	5.5	7.3	7.3	5.5	3.3	2.0	1.1	0.4	0.1		
30	0.0	0.2	0.7	1.7	3.2	7.7	24.2	44.3	44.3	24.2	7.7	3.2	1.7	0.7	0.2	0.0	
20		0.3	0.9	2.3	5.4	26.5	107.8	211.0	211.0	107.8	26.5	5.4	2.3	0.9	0.3		
10	0.1	0.3	1.2	2.7	7.8	50.5	217.6	426.6	426.6	217.6	50.5	7.8	2.7	1.2	0.3	0.1	
0		0.4	1.3	2.8	8.3	52.9	223.3	452.3	452.3	223.3	52.9	8.3	2.8	1.3	0.4		
-10	0.1	0.4	1.3	2.8	8.3	52.9	223.3	452.3	452.3	223.3	52.9	8.3	2.8	1.3	0.4	0.1	
-20		0.4	1.2	2.5	5.0	12.6	38.2	68.2	68.2	38.2	12.6	5.0	2.5	1.2	0.4		
-30	0.1	0.3	1.1	2.2	3.8	6.2	10.2	13.6	13.6	10.2	6.2	3.8	2.2	1.1	0.3	0.1	
-40		0.3	0.9	1.8	3.0	4.3	5.7	6.3	6.3	5.7	4.3	3.0	1.8	0.9	0.3		
-50	0.1	0.2	0.7	1.4	2.3	3.3	4.1	4.4	4.4	4.1	3.3	2.3	1.4	0.7	0.2	0.1	
-60		0.1	0.4	0.9	1.6	2.2	2.8	3.1	3.1	2.8	2.2	1.6	0.9	0.4	0.1		
-70	0.0	0.3	1.5	3.2	4.1	3.2	1.5	0.3	0.0								
-80		0.3	1.5	3.2	4.1	3.2	1.5	0.3									
-90	0.0	0.3	1.5	3.2	4.1	3.2	1.5	0.3	0.0								

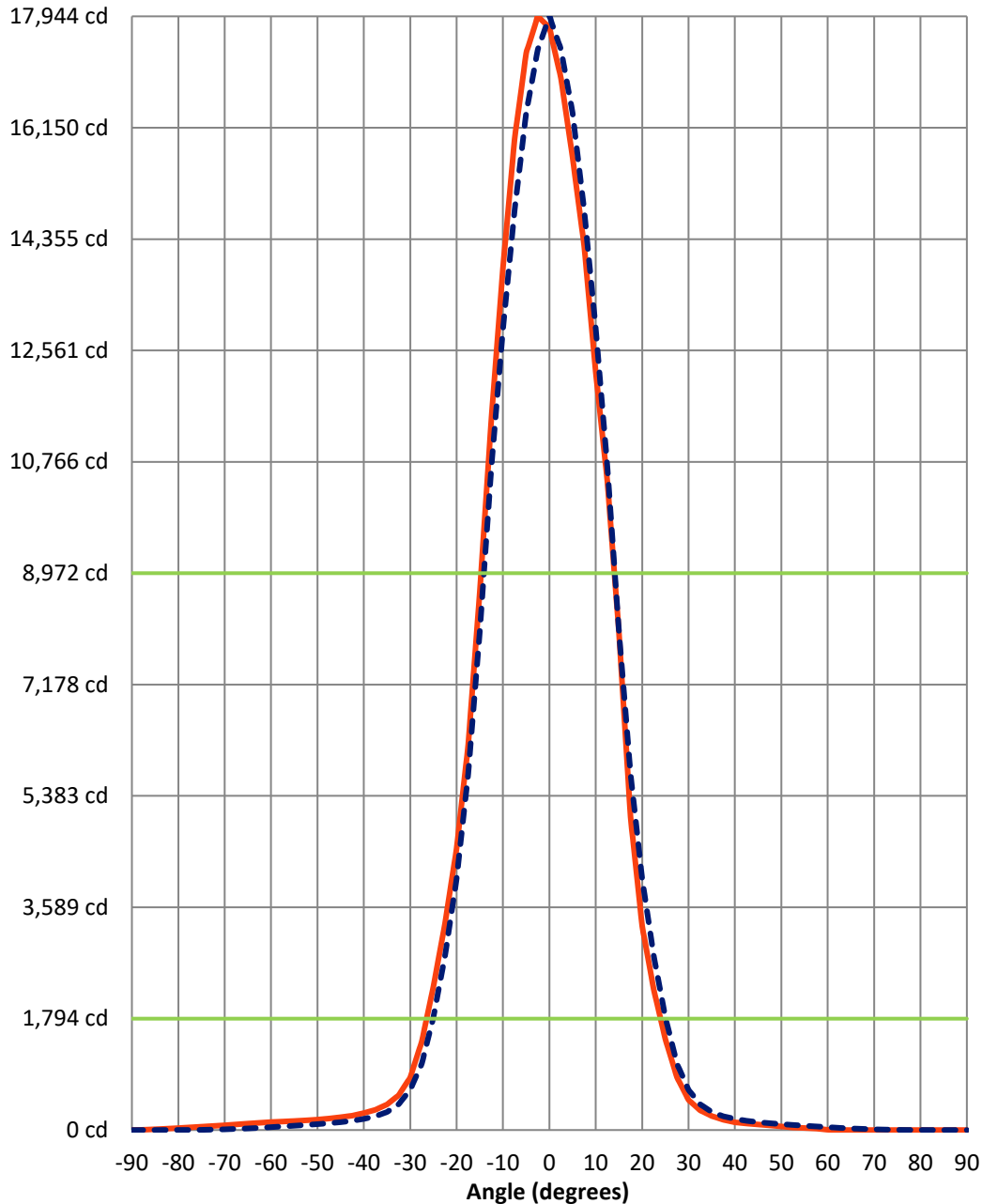
REPORT NUMBER: P626664 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-730-U-MR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 2544.7
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 4372.6
 Efficiency: 85.9%

Spill:
 Lumens: 716.6
 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	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	1	0
52.5°	0	0	0	0	0	0	0	0	1	1	1
50°	0	0	0	0	0	0	0	1	1	1	1
47.5°	0	0	0	0	0	0	0	1	1	1	1
45°	0	0	0	0	0	0	1	1	1	1	1
42.5°	0	0	0	0	0	0	1	1	1	1	2
40°	0	0	0	0	0	1	1	1	1	1	3
37.5°	0	0	0	0	0	1	1	1	1	2	4
35°	0	0	0	0	0	1	1	1	2	3	5
32.5°	0	0	0	0	0	1	1	1	2	4	6
30°	0	0	0	0	1	1	1	1	3	5	8
27.5°	0	0	0	0	1	1	1	2	3	6	9
25°	0	0	0	0	1	1	1	2	4	7	11
22.5°	0	0	0	0	1	1	1	2	5	8	13
20°	0	0	0	0	1	1	1	3	5	9	15
17.5°	0	0	0	0	1	1	1	3	6	11	16
15°	0	0	0	0	1	1	1	4	7	12	18
12.5°	0	0	0	0	1	1	1	4	7	13	19
10°	0	0	0	0	1	1	2	5	8	14	21
7.5°	0	0	0	0	1	1	2	5	9	15	22
5°	0	0	0	0	1	1	2	6	9	16	23
2.5°	0	0	0	0	1	1	2	6	10	17	24
0°	0	0	0	0	1	1	2	7	10	18	25
-2.5°	0	0	0	0	1	1	3	7	11	19	26
-5°	0	0	0	0	1	1	3	7	12	19	26
-7.5°	0	0	0	0	1	1	4	7	13	20	27
-10°	0	0	0	0	1	2	4	7	13	20	27
-12.5°	0	0	0	0	1	2	4	7	14	20	27
-15°	0	0	0	0	1	2	4	7	14	21	28
-17.5°	0	0	0	0	1	2	4	7	14	21	28
-20°	0	0	0	0	1	2	5	8	13	21	28

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REPORT NUMBER: P626664 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-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	0	1	2	5	8	13	20	28
-25°	0	0	0	1	1	2	5	8	13	20	27
-27.5°	0	0	0	1	1	2	5	8	12	19	27
-30°	0	0	0	0	1	2	5	8	12	19	26
-32.5°	0	0	0	0	1	2	5	8	12	18	25
-35°	0	0	0	0	1	2	5	8	12	17	23
-37.5°	0	0	0	0	1	2	5	8	12	17	23
-40°	0	0	0	0	1	2	5	8	11	16	22
-42.5°	0	0	0	0	1	2	4	7	11	16	21
-45°	0	0	0	0	1	2	4	7	11	15	20
-47.5°	0	0	0	0	1	2	4	7	10	14	19
-50°	0	0	0	0	1	2	4	6	10	13	18
-52.5°	0	0	0	0	1	2	4	6	9	12	16
-55°	0	0	0	0	1	2	3	5	8	11	15
-57.5°	0	0	0	0	1	2	3	5	7	10	14
-60°	0	0	0	0	1	2	3	5	7	9	12
-62.5°	0	0	0	0	1	2	3	4	6	8	11
-65°	0	0	0	0	1	2	3	4	5	7	10
-67.5°	0	0	0	0	1	1	2	3	5	6	9
-70°	0	0	0	0	1	1	2	3	4	6	7
-72.5°	0	0	0	0	1	1	2	3	3	5	6
-75°	0	0	0	0	1	1	2	2	3	4	5
-77.5°	0	0	0	0	0	1	1	2	2	3	4
-80°	0	0	0	0	0	1	1	1	2	2	3
-82.5°	0	0	0	0	0	1	1	1	1	1	2
-85°	0	0	0	0	0	0	1	1	1	1	1
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626664 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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	0	0	0	0
60°	0	0	0	0	0	0	1	1	1	1	2
57.5°	0	0	1	1	1	1	2	2	4	5	6
55°	0	1	1	1	2	3	4	6	8	10	12
52.5°	1	1	1	2	3	5	7	10	13	15	17
50°	1	1	1	4	6	8	12	15	18	20	23
47.5°	1	2	3	6	9	13	17	20	23	27	31
45°	2	3	5	9	12	18	22	25	29	34	39
42.5°	3	5	8	11	17	22	26	31	35	41	46
40°	4	7	11	16	22	27	32	37	42	48	53
37.5°	6	9	14	20	26	32	38	43	49	56	62
35°	7	12	18	24	31	37	43	50	57	64	72
32.5°	9	15	21	28	35	42	49	57	65	73	82
30°	12	17	24	32	39	47	55	64	72	81	91
27.5°	14	20	27	35	43	51	62	71	79	89	99
25°	16	23	30	38	47	56	67	77	86	96	109
22.5°	19	25	34	41	50	61	73	83	93	104	118
20°	21	28	37	45	54	66	78	90	102	115	131
17.5°	23	31	40	49	59	71	84	97	110	126	146
15°	25	34	43	53	64	76	90	104	119	138	161
12.5°	27	36	46	56	68	81	94	109	127	150	178
10°	29	38	49	60	71	85	99	114	133	157	191
7.5°	30	40	52	63	74	88	102	118	138	164	201
5°	32	42	54	65	77	91	105	122	142	169	210
2.5°	33	44	55	66	79	93	107	124	145	174	216
0°	34	45	56	68	80	94	108	125	147	178	220
-2.5°	35	47	58	69	82	95	110	127	149	180	221
-5°	36	48	59	70	83	96	110	127	150	180	222
-7.5°	36	49	59	71	84	96	111	128	150	180	222
-10°	37	49	60	72	84	97	111	128	150	178	218
-12.5°	37	49	60	72	85	97	111	127	147	174	211
-15°	38	49	60	72	84	97	110	125	144	170	202
-17.5°	38	49	60	71	84	96	108	123	141	165	195
-20°	38	49	60	70	83	95	107	121	138	159	187

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CATALOG NUMBER: GFLD-SA1C-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°	38	49	59	69	81	94	106	119	134	152	177
-25°	37	48	58	68	80	91	104	116	130	148	169
-27.5°	36	47	57	67	78	89	101	113	126	142	160
-30°	35	46	56	65	76	86	97	109	121	136	153
-32.5°	33	44	54	64	74	84	94	105	117	130	145
-35°	32	42	52	61	71	81	91	101	112	124	137
-37.5°	31	40	50	59	68	78	87	96	107	118	130
-40°	30	38	47	56	65	75	83	92	101	112	123
-42.5°	28	36	45	54	62	71	80	88	97	107	117
-45°	27	35	43	51	59	67	75	84	92	101	111
-47.5°	26	33	40	48	56	64	71	79	88	97	105
-50°	24	31	38	45	52	60	68	75	83	91	100
-52.5°	22	28	35	41	48	56	64	71	78	85	93
-55°	20	26	32	38	44	51	59	66	73	80	87
-57.5°	18	23	29	35	40	46	53	61	67	74	81
-60°	16	20	25	31	37	42	48	55	61	68	74
-62.5°	14	18	22	27	32	38	43	49	55	61	66
-65°	13	16	19	23	28	33	38	43	49	53	57
-67.5°	11	13	16	20	24	28	32	36	41	46	49
-70°	9	11	14	16	19	23	27	30	34	38	41
-72.5°	8	9	11	13	16	19	22	25	28	31	34
-75°	6	8	9	11	13	15	17	20	23	25	28
-77.5°	5	6	7	8	10	12	14	16	18	20	22
-80°	3	4	5	6	7	9	10	11	13	14	16
-82.5°	2	3	4	5	5	6	7	7	9	10	11
-85°	1	2	2	3	3	3	4	4	5	6	6
-87.5°	1	1	1	1	1	1	2	2	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626664 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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	0	0	0	0	0	0
62.5°	0	1	1	1	1	1	1	2	2	2	2
60°	3	3	4	5	5	4	6	6	6	5	5
57.5°	8	10	11	12	13	16	16	16	16	17	19
55°	14	15	16	19	21	23	25	26	27	29	31
52.5°	19	21	23	26	29	31	31	35	37	39	41
50°	27	30	33	36	39	41	44	47	50	54	57
47.5°	35	39	43	47	50	53	56	60	65	70	73
45°	43	47	52	56	60	64	68	73	78	83	87
42.5°	50	55	60	65	68	74	80	85	92	98	102
40°	58	63	70	75	80	86	95	103	110	117	122
37.5°	68	76	83	90	96	103	116	128	137	147	154
35°	80	89	99	105	114	128	144	160	177	191	203
32.5°	91	101	111	122	135	155	174	201	226	252	276
30°	101	112	124	138	160	188	219	260	305	350	401
27.5°	111	123	138	161	194	231	290	355	447	521	641
25°	122	136	156	192	239	304	406	522	713	876	1061
22.5°	136	158	186	231	308	426	585	837	1131	1403	1664
20°	153	182	230	302	413	595	895	1277	1686	2085	2471
17.5°	176	222	290	393	550	932	1378	1925	2624	3150	3648
15°	196	254	358	524	820	1312	1936	2772	3714	4506	5402
12.5°	220	291	416	631	1055	1704	2499	3497	4612	5814	7217
10°	242	328	489	785	1299	2055	2946	4117	5549	7250	9023
7.5°	258	359	550	900	1505	2342	3405	4830	6643	8631	10654
5°	271	383	598	991	1680	2576	3741	5394	7461	9743	11754
2.5°	280	400	630	1046	1798	2736	3970	5694	7961	10468	12580
0°	288	410	647	1086	1853	2811	4076	5815	8196	10824	12995
-2.5°	291	416	648	1072	1819	2806	4052	5741	8034	10683	12907
-5°	292	413	632	1044	1760	2706	3889	5459	7540	10024	12279
-7.5°	290	402	599	974	1627	2528	3663	5041	6746	8937	11267
-10°	282	382	554	879	1444	2251	3310	4474	5837	7625	9513
-12.5°	268	354	492	737	1228	1937	2875	3904	4966	6141	7694
-15°	251	324	441	651	1028	1607	2367	3236	4117	5017	5965
-17.5°	238	299	390	536	790	1258	1865	2563	3279	3993	4631
-20°	222	268	339	453	637	914	1371	1914	2449	3031	3520

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Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626664 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	207	246	300	371	495	690	951	1333	1739	2162	2564
-25°	193	223	265	323	397	513	685	885	1170	1430	1728
-27.5°	182	207	235	278	334	398	503	620	769	893	1092
-30°	171	191	214	242	283	331	388	459	532	605	700
-32.5°	160	177	196	218	243	279	315	360	400	444	489
-35°	150	165	180	198	217	241	268	298	324	351	375
-37.5°	141	154	167	181	197	213	234	255	273	290	305
-40°	134	144	155	167	179	193	209	224	237	248	257
-42.5°	127	136	145	155	165	177	190	202	210	218	224
-45°	121	128	136	144	153	164	175	184	190	196	201
-47.5°	114	121	128	135	144	152	161	168	174	179	182
-50°	107	114	120	127	134	142	149	155	160	164	167
-52.5°	100	107	114	120	126	132	138	143	149	153	155
-55°	94	101	106	112	118	124	129	134	139	143	144
-57.5°	88	94	101	105	110	115	120	125	130	134	135
-60°	81	87	93	97	102	107	111	116	120	124	126
-62.5°	72	78	83	88	92	96	100	104	108	111	113
-65°	62	67	72	76	80	84	88	92	95	97	99
-67.5°	53	57	61	65	69	73	76	79	82	84	86
-70°	45	48	52	56	59	62	65	68	71	73	74
-72.5°	37	40	44	47	50	53	55	58	60	62	63
-75°	30	33	36	38	41	43	46	48	49	51	52
-77.5°	24	26	28	30	32	34	36	37	39	40	41
-80°	18	19	21	23	24	25	27	28	29	30	31
-82.5°	12	13	14	16	17	18	18	19	19	20	21
-85°	7	8	8	9	10	10	11	11	12	12	13
-87.5°	3	3	3	4	4	4	4	4	4	5	5
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626664 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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	0
62.5°	1	1	1	1	1	1	1	2	2	2	2
60°	5	5	4	5	4	5	5	5	5	6	6
57.5°	21	23	23	24	23	23	21	19	17	16	16
55°	32	33	33	33	33	33	32	31	29	27	26
52.5°	41	42	41	41	41	42	41	41	39	37	35
50°	57	57	57	58	57	57	57	57	54	50	47
47.5°	74	75	75	75	75	75	74	73	70	65	60
45°	88	89	90	89	90	89	88	87	83	78	73
42.5°	104	104	105	105	105	104	104	102	98	92	85
40°	124	125	125	124	125	125	124	122	117	110	103
37.5°	159	161	162	165	162	161	159	154	147	137	128
35°	212	218	221	226	221	218	212	203	191	177	160
32.5°	293	305	311	318	311	305	293	276	252	226	201
30°	436	459	468	486	468	459	436	401	350	305	260
27.5°	729	785	806	852	806	785	729	641	521	447	355
25°	1229	1348	1413	1465	1413	1348	1229	1061	876	713	522
22.5°	1926	2101	2194	2263	2194	2101	1926	1664	1403	1131	837
20°	2821	3052	3189	3289	3189	3052	2821	2471	2085	1686	1277
17.5°	4288	4650	4862	5044	4862	4650	4288	3648	3150	2624	1925
15°	6401	7129	7694	8009	7694	7129	6401	5402	4506	3714	2772
12.5°	8457	9523	10156	10448	10156	9523	8457	7217	5814	4612	3497
10°	10491	11496	12098	12204	12098	11496	10491	9023	7250	5549	4117
7.5°	12047	13152	13953	14244	13953	13152	12047	10654	8631	6643	4830
5°	13422	14716	15563	15671	15563	14716	13422	11754	9743	7461	5394
2.5°	14433	15840	16662	16944	16662	15840	14433	12580	10468	7961	5694
0°	14923	16438	17352	17763	17352	16438	14923	12995	10824	8196	5815
-2.5°	14820	16387	17407	17944	17407	16387	14820	12907	10683	8034	5741
-5°	14256	15828	16779	17350	16779	15828	14256	12279	10024	7540	5459
-7.5°	12957	14427	15439	15966	15439	14427	12957	11267	8937	6746	5041
-10°	11282	12526	13449	13898	13449	12526	11282	9513	7625	5837	4474
-12.5°	9107	10313	11146	11463	11146	10313	9107	7694	6141	4966	3904
-15°	6977	7898	8490	8677	8490	7898	6977	5965	5017	4117	3236
-17.5°	5291	5787	6120	6210	6120	5787	5291	4631	3993	3279	2563
-20°	3964	4271	4487	4539	4487	4271	3964	3520	3031	2449	1914

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REPORT NUMBER: P626664 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	2888	3119	3294	3329	3294	3119	2888	2564	2162	1739	1333
-25°	1992	2186	2304	2313	2304	2186	1992	1728	1430	1170	885
-27.5°	1249	1355	1410	1429	1410	1355	1249	1092	893	769	620
-30°	772	821	846	847	846	821	772	700	605	532	459
-32.5°	524	548	560	560	560	548	524	489	444	400	360
-35°	393	405	412	412	412	405	393	375	351	324	298
-37.5°	316	322	326	327	326	322	316	305	290	273	255
-40°	264	269	272	273	272	269	264	257	248	237	224
-42.5°	228	231	233	232	233	231	228	224	218	210	202
-45°	203	205	206	207	206	205	203	201	196	190	184
-47.5°	184	184	185	185	185	184	184	182	179	174	168
-50°	168	169	169	168	169	169	168	167	164	160	155
-52.5°	155	156	156	156	156	156	155	155	153	149	143
-55°	145	145	146	146	146	145	145	144	143	139	134
-57.5°	136	137	137	137	137	137	136	135	134	130	125
-60°	127	128	129	129	129	128	127	126	124	120	116
-62.5°	114	116	116	116	116	116	114	113	111	108	104
-65°	100	101	103	104	103	101	100	99	97	95	92
-67.5°	87	88	89	90	89	88	87	86	84	82	79
-70°	75	76	77	77	77	76	75	74	73	71	68
-72.5°	64	65	65	66	65	65	64	63	62	60	58
-75°	53	54	54	54	54	54	53	52	51	49	48
-77.5°	42	43	43	43	43	43	42	41	40	39	37
-80°	32	33	32	32	32	33	32	31	30	29	28
-82.5°	22	22	22	22	22	22	22	21	20	19	19
-85°	13	14	13	12	13	14	13	13	12	12	11
-87.5°	5	6	5	5	5	6	5	5	5	4	4
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626664 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	0	0	0	0	0	0	0	0	0	0	0
62.5°	1	1	1	1	1	1	0	0	0	0	0
60°	6	4	5	5	4	3	3	2	1	1	1
57.5°	16	16	13	12	11	10	8	6	5	4	2
55°	25	23	21	19	16	15	14	12	10	8	6
52.5°	31	31	29	26	23	21	19	17	15	13	10
50°	44	41	39	36	33	30	27	23	20	18	15
47.5°	56	53	50	47	43	39	35	31	27	23	20
45°	68	64	60	56	52	47	43	39	34	29	25
42.5°	80	74	68	65	60	55	50	46	41	35	31
40°	95	86	80	75	70	63	58	53	48	42	37
37.5°	116	103	96	90	83	76	68	62	56	49	43
35°	144	128	114	105	99	89	80	72	64	57	50
32.5°	174	155	135	122	111	101	91	82	73	65	57
30°	219	188	160	138	124	112	101	91	81	72	64
27.5°	290	231	194	161	138	123	111	99	89	79	71
25°	406	304	239	192	156	136	122	109	96	86	77
22.5°	585	426	308	231	186	158	136	118	104	93	83
20°	895	595	413	302	230	182	153	131	115	102	90
17.5°	1378	932	550	393	290	222	176	146	126	110	97
15°	1936	1312	820	524	358	254	196	161	138	119	104
12.5°	2499	1704	1055	631	416	291	220	178	150	127	109
10°	2946	2055	1299	785	489	328	242	191	157	133	114
7.5°	3405	2342	1505	900	550	359	258	201	164	138	118
5°	3741	2576	1680	991	598	383	271	210	169	142	122
2.5°	3970	2736	1798	1046	630	400	280	216	174	145	124
0°	4076	2811	1853	1086	647	410	288	220	178	147	125
-2.5°	4052	2806	1819	1072	648	416	291	221	180	149	127
-5°	3889	2706	1760	1044	632	413	292	222	180	150	127
-7.5°	3663	2528	1627	974	599	402	290	222	180	150	128
-10°	3310	2251	1444	879	554	382	282	218	178	150	128
-12.5°	2875	1937	1228	737	492	354	268	211	174	147	127
-15°	2367	1607	1028	651	441	324	251	202	170	144	125
-17.5°	1865	1258	790	536	390	299	238	195	165	141	123
-20°	1371	914	637	453	339	268	222	187	159	138	121

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REPORT NUMBER: P626664 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	951	690	495	371	300	246	207	177	152	134	119
-25°	685	513	397	323	265	223	193	169	148	130	116
-27.5°	503	398	334	278	235	207	182	160	142	126	113
-30°	388	331	283	242	214	191	171	153	136	121	109
-32.5°	315	279	243	218	196	177	160	145	130	117	105
-35°	268	241	217	198	180	165	150	137	124	112	101
-37.5°	234	213	197	181	167	154	141	130	118	107	96
-40°	209	193	179	167	155	144	134	123	112	101	92
-42.5°	190	177	165	155	145	136	127	117	107	97	88
-45°	175	164	153	144	136	128	121	111	101	92	84
-47.5°	161	152	144	135	128	121	114	105	97	88	79
-50°	149	142	134	127	120	114	107	100	91	83	75
-52.5°	138	132	126	120	114	107	100	93	85	78	71
-55°	129	124	118	112	106	101	94	87	80	73	66
-57.5°	120	115	110	105	101	94	88	81	74	67	61
-60°	111	107	102	97	93	87	81	74	68	61	55
-62.5°	100	96	92	88	83	78	72	66	61	55	49
-65°	88	84	80	76	72	67	62	57	53	49	43
-67.5°	76	73	69	65	61	57	53	49	46	41	36
-70°	65	62	59	56	52	48	45	41	38	34	30
-72.5°	55	53	50	47	44	40	37	34	31	28	25
-75°	46	43	41	38	36	33	30	28	25	23	20
-77.5°	36	34	32	30	28	26	24	22	20	18	16
-80°	27	25	24	23	21	19	18	16	14	13	11
-82.5°	18	18	17	16	14	13	12	11	10	9	7
-85°	11	10	10	9	8	8	7	6	6	5	4
-87.5°	4	4	4	4	3	3	3	2	2	2	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626664 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	1	0	0	0	0	0	0	0	0	0	0
57.5°	2	1	1	1	1	0	0	0	0	0	0
55°	4	3	2	1	1	1	0	0	1	0	0
52.5°	7	5	3	2	1	1	1	1	1	1	0
50°	12	8	6	4	1	1	1	1	1	1	1
47.5°	17	13	9	6	3	2	1	1	1	1	1
45°	22	18	12	9	5	3	2	1	1	1	1
42.5°	26	22	17	11	8	5	3	2	1	1	1
40°	32	27	22	16	11	7	4	3	1	1	1
37.5°	38	32	26	20	14	9	6	4	2	1	1
35°	43	37	31	24	18	12	7	5	3	2	1
32.5°	49	42	35	28	21	15	9	6	4	2	1
30°	55	47	39	32	24	17	12	8	5	3	1
27.5°	62	51	43	35	27	20	14	9	6	3	2
25°	67	56	47	38	30	23	16	11	7	4	2
22.5°	73	61	50	41	34	25	19	13	8	5	2
20°	78	66	54	45	37	28	21	15	9	5	3
17.5°	84	71	59	49	40	31	23	16	11	6	3
15°	90	76	64	53	43	34	25	18	12	7	4
12.5°	94	81	68	56	46	36	27	19	13	7	4
10°	99	85	71	60	49	38	29	21	14	8	5
7.5°	102	88	74	63	52	40	30	22	15	9	5
5°	105	91	77	65	54	42	32	23	16	9	6
2.5°	107	93	79	66	55	44	33	24	17	10	6
0°	108	94	80	68	56	45	34	25	18	10	7
-2.5°	110	95	82	69	58	47	35	26	19	11	7
-5°	110	96	83	70	59	48	36	26	19	12	7
-7.5°	111	96	84	71	59	49	36	27	20	13	7
-10°	111	97	84	72	60	49	37	27	20	13	7
-12.5°	111	97	85	72	60	49	37	27	20	14	7
-15°	110	97	84	72	60	49	38	28	21	14	7
-17.5°	108	96	84	71	60	49	38	28	21	14	7
-20°	107	95	83	70	60	49	38	28	21	13	8

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REPORT NUMBER: P626664 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	106	94	81	69	59	49	38	28	20	13	8
-25°	104	91	80	68	58	48	37	27	20	13	8
-27.5°	101	89	78	67	57	47	36	27	19	12	8
-30°	97	86	76	65	56	46	35	26	19	12	8
-32.5°	94	84	74	64	54	44	33	25	18	12	8
-35°	91	81	71	61	52	42	32	23	17	12	8
-37.5°	87	78	68	59	50	40	31	23	17	12	8
-40°	83	75	65	56	47	38	30	22	16	11	8
-42.5°	80	71	62	54	45	36	28	21	16	11	7
-45°	75	67	59	51	43	35	27	20	15	11	7
-47.5°	71	64	56	48	40	33	26	19	14	10	7
-50°	68	60	52	45	38	31	24	18	13	10	6
-52.5°	64	56	48	41	35	28	22	16	12	9	6
-55°	59	51	44	38	32	26	20	15	11	8	5
-57.5°	53	46	40	35	29	23	18	14	10	7	5
-60°	48	42	37	31	25	20	16	12	9	7	5
-62.5°	43	38	32	27	22	18	14	11	8	6	4
-65°	38	33	28	23	19	16	13	10	7	5	4
-67.5°	32	28	24	20	16	13	11	9	6	5	3
-70°	27	23	19	16	14	11	9	7	6	4	3
-72.5°	22	19	16	13	11	9	8	6	5	3	3
-75°	17	15	13	11	9	8	6	5	4	3	2
-77.5°	14	12	10	8	7	6	5	4	3	2	2
-80°	10	9	7	6	5	4	3	3	2	2	1
-82.5°	7	6	5	5	4	3	2	2	1	1	1
-85°	4	3	3	3	2	2	1	1	1	1	1
-87.5°	2	1	1	1	1	1	1	0	0	0	0
-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: P626664 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0
45°	1	0	0	0	0	0	0
42.5°	1	0	0	0	0	0	0
40°	1	1	0	0	0	0	0
37.5°	1	1	0	0	0	0	0
35°	1	1	0	0	0	0	0
32.5°	1	1	0	0	0	0	0
30°	1	1	1	0	0	0	0
27.5°	1	1	1	0	0	0	0
25°	1	1	1	0	0	0	0
22.5°	1	1	1	0	0	0	0
20°	1	1	1	0	0	0	0
17.5°	1	1	1	0	0	0	0
15°	1	1	1	0	0	0	0
12.5°	1	1	1	0	0	0	0
10°	2	1	1	0	0	0	0
7.5°	2	1	1	0	0	0	0
5°	2	1	1	0	0	0	0
2.5°	2	1	1	0	0	0	0
0°	2	1	1	0	0	0	0
-2.5°	3	1	1	0	0	0	0
-5°	3	1	1	0	0	0	0
-7.5°	4	1	1	0	0	0	0
-10°	4	2	1	0	0	0	0
-12.5°	4	2	1	0	0	0	0
-15°	4	2	1	0	0	0	0
-17.5°	4	2	1	0	0	0	0
-20°	5	2	1	0	0	0	0

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REPORT NUMBER: P626664 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)