

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: P626666 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P626666 (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-SA1C-730-U-MWR-VSR-XX
 Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
 WITH VISOR
 Light Source: (16) 3000K CCT, 70 CRI LEDS
 Ballast/Driver: -

Summary

Lumens per Lamp: N/A	NEMA Type: 4H x 5V
Luminaire Lumens: 4919 lumens	Max Intensity: 6891.5 candela
Efficiency: N/A	Max Intensity Angle: 0°H x -12.5°V
Efficacy: 113.1 lumens/watt	
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')	
Beam Angle (50%): 46.4°H x 49.6°V	Field Angle (10%): 69.9°H x 73.3°V
Beam Lumens: 3294.7 lumens	Field Lumens: 4433.7 lumens
Beam Efficiency: 67.0%	Field Efficiency: 90.1%

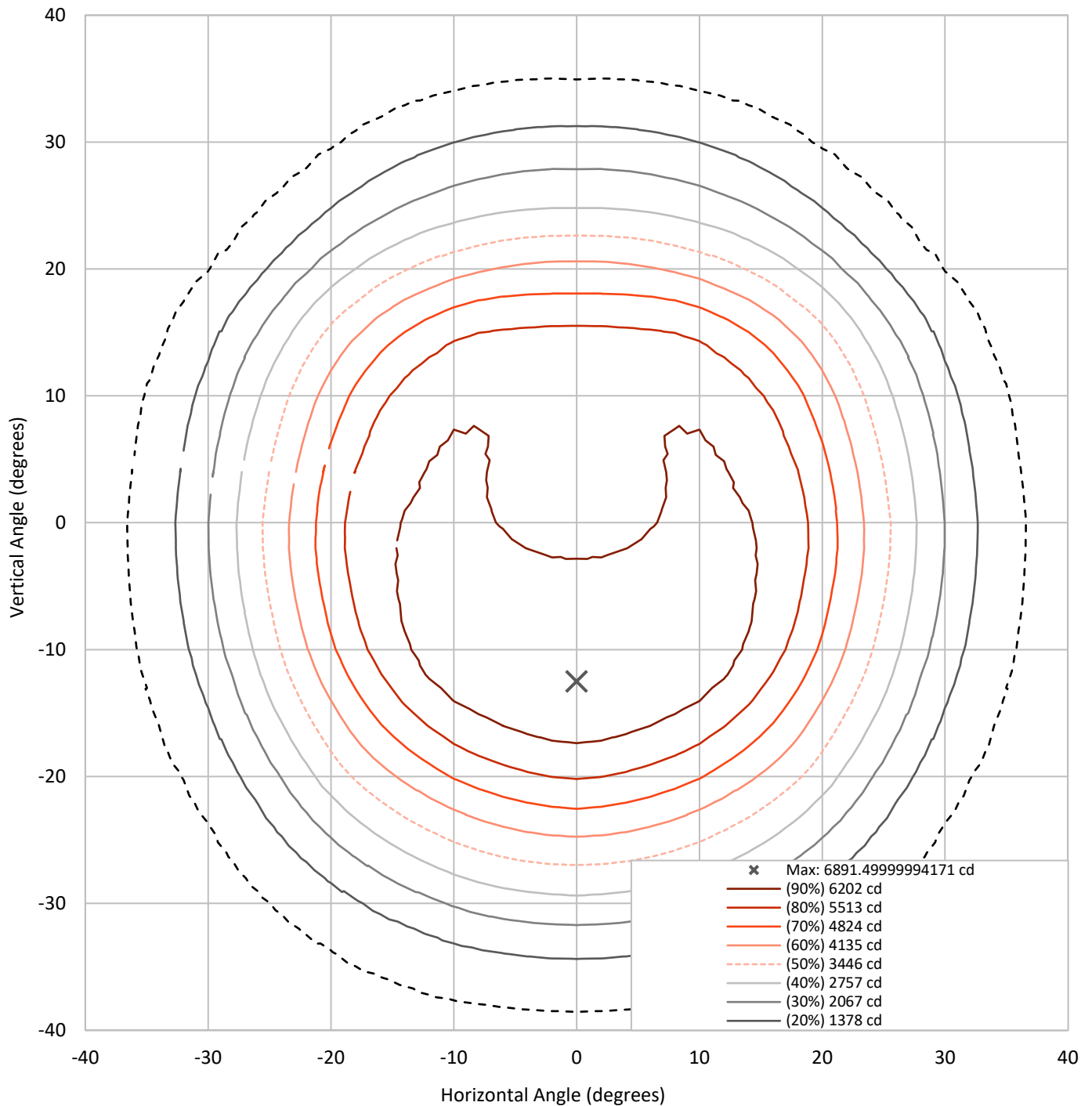
Input Watts (W): 43.5
 Input Voltage (V): 120
 Input Current (A_{in}): NR
 Voltage Rise (V): NR
 Power Factor: NR
 Total Harmonic Distortion (THDi): NR
 Frequency (hertz): 60
 Stabilization Time: NR
 Operation Time: NR
 Ambient Temperature (°C): NR
 Test Distance: 25 FT



REPORT NUMBER: P626666 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Iso-Candela Plot





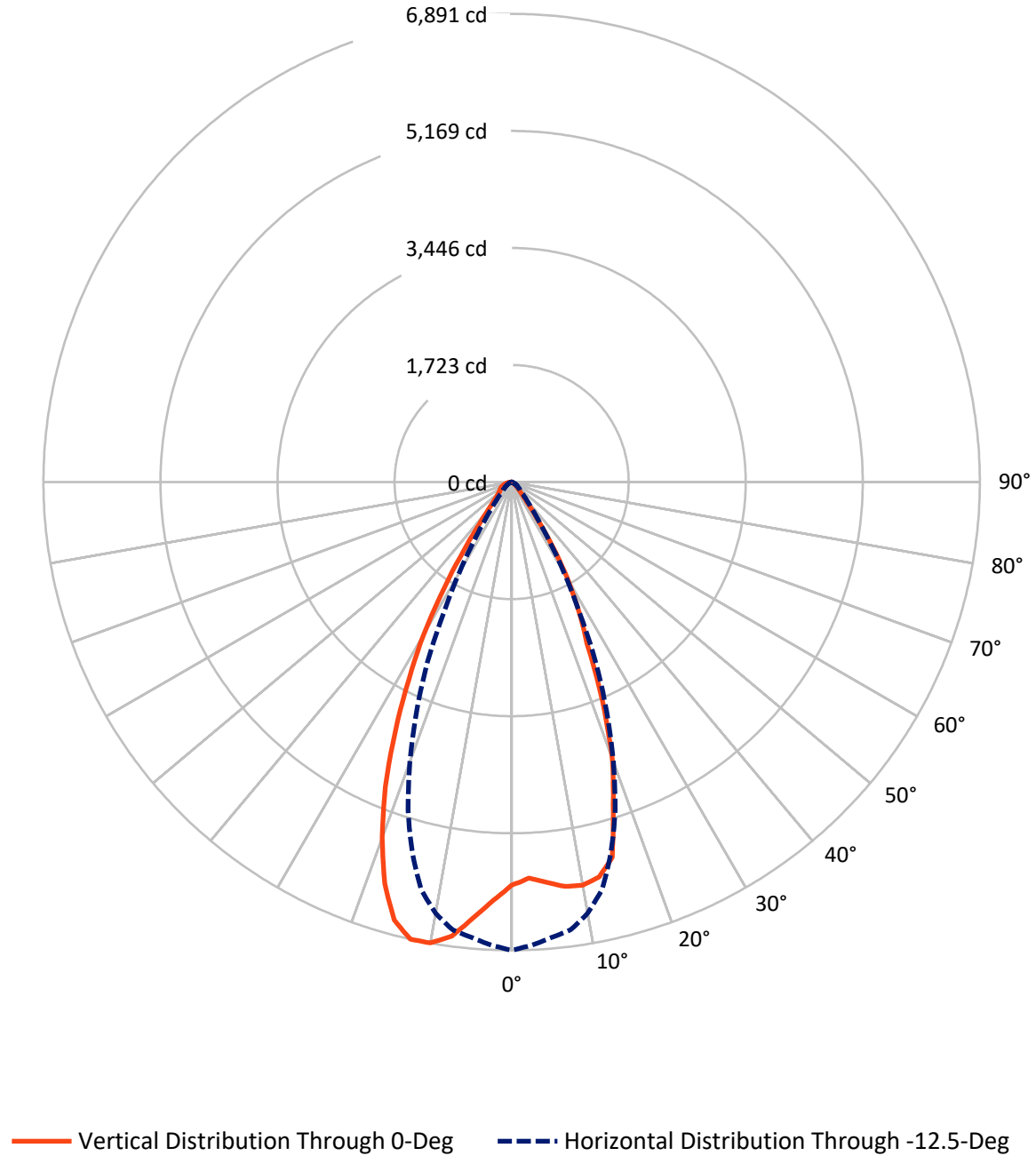
REPORT NUMBER: P626666 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90																							
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
70																							
60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0								
50		0.0	0.0	0.2	0.4	0.7	0.9	1.1	1.1	0.9	0.7	0.4	0.2	0.0		0.0							
40	0.0	0.0	0.2	0.7	1.4	2.3	3.4	4.1	4.1	3.4	2.3	1.4	0.7	0.2	0.0	0.0							
30		0.1	0.5	1.4	3.0	6.4	14.5	22.2	22.2	14.5	6.4	3.0	1.4	0.5	0.1								
20	0.1	0.2	0.9	2.3	6.2	22.9	58.9	82.3	82.3	58.9	22.9	6.2	2.3	0.9	0.2	0.1							
10		0.3	1.3	3.6	14.7	63.5	132.5	164.0	164.0	132.5	63.5	14.7	3.6	1.3	0.3								
0	0.1	0.4	1.6	4.6	23.4	93.5	170.8	185.2	185.2	170.8	93.5	23.4	4.6	1.6	0.4	0.1							
-10		0.5	1.7	4.9	24.5	96.6	177.0	196.5	196.5	177.0	96.6	24.5	4.9	1.7	0.5								
-20	0.1	0.5	1.8	4.5	17.5	71.9	149.3	190.6	190.6	149.3	71.9	17.5	4.5	1.8	0.5	0.1							
-30		0.5	1.7	3.7	9.8	34.9	83.2	117.0	117.0	83.2	34.9	9.8	3.7	1.7	0.5								
-40	0.1	0.5	1.5	3.1	5.8	12.4	26.0	38.6	38.6	26.0	12.4	5.8	3.1	1.5	0.5	0.1							
-50		0.4	1.3	2.6	4.3	6.3	8.9	10.5	10.5	8.9	6.3	4.3	2.6	1.3	0.4								
-60	0.1	0.3	1.0	2.0	3.4	4.6	5.8	6.3	6.3	5.8	4.6	3.4	2.0	1.0	0.3	0.1							
-70		0.2	0.6	1.4	2.4	3.3	4.2	4.7	4.7	4.2	3.3	2.4	1.4	0.6	0.2								
-80	0.0	0.5	2.5	5.3	6.8	5.3	2.5	0.5	0.0														
-90																							
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90				

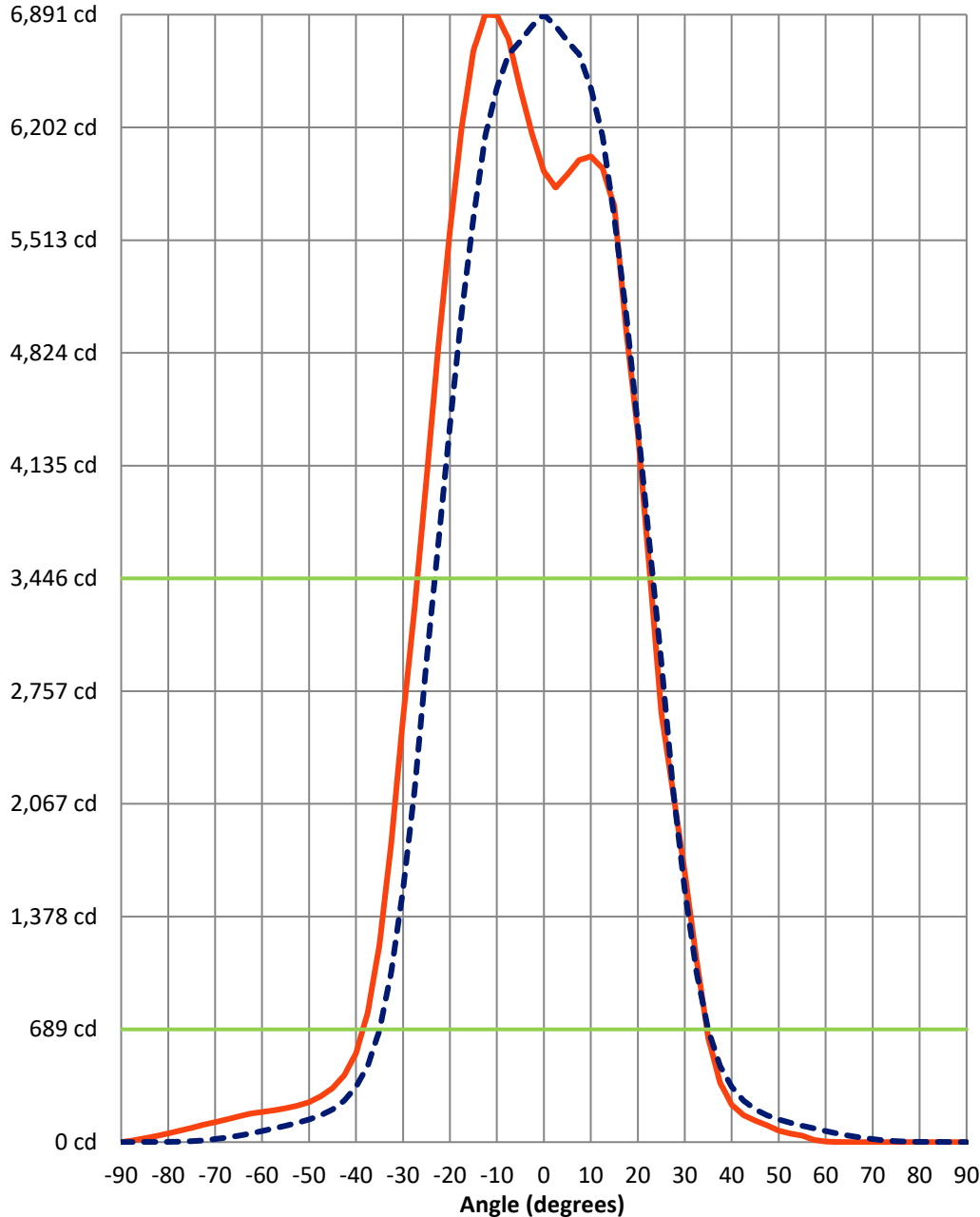
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 3294.7
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 4433.7
 Efficiency: 90.1%

Spill:
 Lumens: 485.3
 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	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	1	0	0	0	0	1	1
60°	0	0	0	0	1	0	0	0	1	1	1
57.5°	0	0	0	1	1	0	0	1	1	1	1
55°	0	0	0	1	1	1	1	1	1	1	1
52.5°	0	0	0	1	1	1	1	1	1	1	1
50°	0	0	0	1	1	1	1	1	1	1	1
47.5°	0	0	0	1	1	1	1	1	1	1	2
45°	0	0	0	1	1	1	1	1	1	1	2
42.5°	0	0	1	1	1	1	1	1	1	2	2
40°	0	0	1	1	1	1	1	2	1	2	3
37.5°	0	0	1	1	1	1	2	2	2	3	3
35°	0	0	1	1	1	1	2	2	2	3	4
32.5°	0	0	1	1	1	1	2	2	3	4	7
30°	0	0	1	1	1	1	2	2	3	5	9
27.5°	0	0	1	1	1	2	2	2	4	6	11
25°	0	0	1	1	1	2	2	3	5	8	13
22.5°	0	0	1	1	1	2	2	3	5	9	15
20°	0	0	1	1	1	2	2	3	6	11	18
17.5°	0	0	1	1	1	2	2	4	7	12	20
15°	0	0	1	1	1	2	2	4	8	13	23
12.5°	0	0	1	1	1	2	3	5	9	14	25
10°	0	0	1	1	1	2	3	6	10	16	28
7.5°	0	0	1	1	1	2	3	7	11	18	29
5°	0	0	1	1	1	2	3	7	11	20	31
2.5°	0	0	1	1	1	2	3	8	12	22	32
0°	0	0	1	1	1	2	3	9	12	24	33
-2.5°	0	0	1	1	1	2	4	9	14	25	35
-5°	0	0	1	1	1	3	5	10	16	26	36
-7.5°	0	0	1	1	1	3	5	10	17	26	37
-10°	0	0	1	1	1	3	6	10	18	27	38
-12.5°	0	0	1	1	2	3	6	10	19	28	39
-15°	0	0	1	1	2	3	6	10	19	28	39
-17.5°	0	0	1	1	2	3	6	11	19	28	39
-20°	0	0	1	1	2	3	6	11	19	28	39

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Scaled Data Report



REPORT NUMBER: P626666 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-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	0	1	1	2	3	6	11	18	28	38
-25°	0	0	1	1	2	3	6	11	18	27	36
-27.5°	0	0	1	1	2	3	6	11	17	26	36
-30°	0	0	1	1	2	3	6	11	17	25	35
-32.5°	0	0	1	1	2	4	6	11	17	25	33
-35°	0	0	1	1	2	4	6	11	17	24	32
-37.5°	0	0	1	1	2	4	6	10	16	23	31
-40°	0	0	1	1	2	4	6	10	15	22	30
-42.5°	0	0	1	1	2	4	6	10	14	21	30
-45°	0	0	1	1	2	4	6	9	14	20	28
-47.5°	0	0	1	1	2	4	6	9	13	18	26
-50°	0	0	1	1	2	4	6	9	12	17	24
-52.5°	0	0	1	1	2	3	5	8	12	17	22
-55°	0	0	1	1	2	3	5	8	11	15	21
-57.5°	0	0	1	1	2	3	5	7	10	15	19
-60°	0	0	1	1	2	3	5	7	10	13	18
-62.5°	0	0	1	1	2	3	4	6	9	12	16
-65°	0	0	1	1	2	3	4	6	8	11	15
-67.5°	0	0	1	1	2	3	4	5	7	10	13
-70°	0	0	1	1	2	2	3	5	6	9	11
-72.5°	0	0	1	1	2	2	3	4	5	7	9
-75°	0	0	1	1	2	2	3	4	4	6	8
-77.5°	0	0	0	1	1	2	3	3	4	5	6
-80°	0	0	0	1	1	2	2	3	3	4	5
-82.5°	0	0	0	1	1	1	2	2	3	3	4
-85°	0	0	0	0	1	1	1	2	2	2	3
-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



REPORT NUMBER: P626666 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-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	0	0	0	0	0	0	0	0	0	0
65°	1	1	1	0	0	0	0	0	0	0	0
62.5°	1	1	1	0	1	1	1	0	0	0	0
60°	1	1	1	1	1	1	1	1	1	1	3
57.5°	1	1	1	1	1	1	1	2	4	7	7
55°	1	1	1	2	2	2	3	6	9	12	13
52.5°	1	1	2	2	3	4	8	11	15	17	20
50°	1	2	2	3	5	9	13	17	21	25	29
47.5°	2	2	3	5	9	14	19	25	29	34	40
45°	2	4	5	9	14	20	27	33	37	43	49
42.5°	3	6	8	12	20	27	35	39	45	51	58
40°	5	8	12	18	26	35	42	47	52	61	70
37.5°	7	11	16	24	34	42	48	55	63	73	84
35°	9	14	21	30	41	49	56	64	75	87	99
32.5°	12	17	26	37	47	55	63	75	86	100	117
30°	15	21	31	43	52	61	72	85	97	113	133
27.5°	17	25	36	48	57	66	81	94	107	125	150
25°	20	30	41	52	62	74	90	103	117	140	173
22.5°	24	34	46	56	67	82	99	115	133	156	197
20°	27	38	50	61	71	89	108	128	153	185	238
17.5°	31	42	54	66	79	97	118	142	173	213	291
15°	34	46	58	71	86	105	128	158	195	245	342
12.5°	37	48	62	76	92	112	137	170	213	285	407
10°	39	51	66	81	98	119	145	179	228	314	455
7.5°	42	54	69	85	102	124	152	187	241	337	493
5°	43	57	72	89	106	129	157	193	252	353	522
2.5°	45	60	75	92	109	133	162	199	263	367	547
0°	46	63	77	94	111	136	165	203	271	376	566
-2.5°	48	65	79	96	114	138	166	206	274	378	562
-5°	49	66	82	97	116	139	167	208	274	375	551
-7.5°	50	66	83	98	118	139	167	207	271	368	532
-10°	51	67	84	99	118	139	166	204	264	356	504
-12.5°	52	68	84	100	118	138	164	200	254	338	467
-15°	53	68	84	100	117	137	160	193	241	314	422
-17.5°	53	68	84	99	116	135	156	186	228	292	390
-20°	53	68	83	97	115	132	153	180	218	272	350

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REPORT NUMBER: P626666 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-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°	53	67	82	96	113	130	149	173	205	249	312
-25°	52	67	81	95	110	127	144	165	193	232	285
-27.5°	50	65	80	94	108	124	140	159	183	213	255
-30°	47	63	78	91	105	121	136	152	173	199	233
-32.5°	45	61	75	89	103	117	131	146	164	186	213
-35°	43	59	73	85	99	113	127	141	156	175	198
-37.5°	42	56	70	82	95	109	122	135	149	164	185
-40°	41	53	67	79	91	104	117	130	142	158	173
-42.5°	39	51	64	76	87	100	112	124	137	151	166
-45°	37	48	61	72	84	95	107	118	131	144	158
-47.5°	35	46	57	68	79	90	102	113	124	136	149
-50°	33	43	53	63	73	84	96	107	118	128	140
-52.5°	30	39	49	59	68	77	89	100	111	122	132
-55°	27	35	45	54	63	72	82	93	104	114	125
-57.5°	25	32	40	49	58	67	76	86	97	106	117
-60°	23	29	36	44	53	61	70	80	89	99	108
-62.5°	21	26	32	39	47	55	64	72	81	90	98
-65°	19	23	28	34	40	48	56	64	72	80	87
-67.5°	17	20	24	28	34	41	47	55	62	69	76
-70°	14	17	21	25	29	34	40	46	52	58	65
-72.5°	12	15	18	21	24	29	33	38	44	49	54
-75°	10	12	14	17	20	24	28	32	36	40	45
-77.5°	8	10	12	14	16	19	22	25	29	32	35
-80°	6	7	9	10	12	14	16	19	21	24	27
-82.5°	5	6	7	8	9	10	12	13	15	17	19
-85°	3	4	5	5	6	7	7	8	10	11	12
-87.5°	2	2	2	3	3	3	4	4	5	5	6
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626666 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-MWR-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	0	0	0	0	0	1	1	1	1	1
60°	3	2	3	4	4	3	4	5	4	3	4
57.5°	8	9	10	11	13	13	14	16	16	17	17
55°	15	17	20	22	24	28	31	31	32	33	35
52.5°	23	27	28	31	36	39	40	43	46	48	51
50°	34	37	40	44	49	52	53	58	63	68	71
47.5°	44	48	54	62	66	69	74	80	86	93	98
45°	54	61	69	76	81	87	93	101	110	120	127
42.5°	65	73	81	89	95	104	116	124	138	151	158
40°	78	86	98	107	119	131	150	168	186	206	222
37.5°	94	106	122	138	155	173	208	242	271	311	333
35°	113	131	154	177	206	249	299	366	436	495	551
32.5°	135	158	190	231	279	349	424	548	669	790	908
30°	156	190	238	295	373	484	625	817	1025	1207	1372
27.5°	185	233	295	381	513	676	937	1203	1467	1704	1873
25°	219	284	372	514	705	975	1324	1650	1961	2193	2388
22.5°	269	366	492	671	1019	1395	1812	2223	2572	2863	3056
20°	331	462	672	998	1407	1876	2414	2846	3275	3604	3897
17.5°	418	628	923	1337	1826	2452	3005	3487	4033	4368	4667
15°	497	766	1188	1716	2288	2952	3604	4195	4721	5090	5424
12.5°	596	913	1398	2019	2645	3384	4062	4694	5210	5589	5823
10°	685	1064	1608	2257	2958	3730	4433	5091	5590	5884	6056
7.5°	757	1189	1778	2461	3201	3978	4721	5374	5852	6097	6215
5°	812	1282	1911	2629	3397	4192	4950	5589	5992	6195	6260
2.5°	854	1347	2000	2739	3530	4350	5124	5754	6097	6244	6265
0°	882	1392	2059	2808	3643	4407	5218	5858	6184	6302	6313
-2.5°	876	1376	2056	2783	3630	4432	5233	5864	6214	6372	6397
-5°	858	1337	1988	2712	3527	4330	5094	5760	6189	6428	6533
-7.5°	824	1270	1871	2576	3359	4164	4943	5634	6128	6463	6670
-10°	765	1172	1722	2403	3176	3942	4712	5430	5961	6365	6653
-12.5°	685	1040	1540	2160	2936	3652	4381	5068	5648	6146	6444
-15°	603	902	1351	1918	2594	3299	3972	4647	5219	5685	6056
-17.5°	544	781	1132	1628	2222	2890	3548	4167	4684	5122	5511
-20°	469	645	924	1341	1863	2448	3077	3629	4090	4501	4873

Classified

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

Scaled Data Report



REPORT NUMBER: P626666 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-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°	410	553	754	1038	1508	2023	2538	3046	3480	3845	4163
-25°	356	456	614	845	1150	1595	2029	2458	2859	3198	3484
-27.5°	314	394	499	663	895	1155	1535	1893	2238	2548	2818
-30°	276	335	417	520	678	871	1100	1368	1642	1887	2132
-32.5°	248	291	347	423	512	650	788	968	1142	1321	1497
-35°	223	258	296	347	408	488	579	689	782	900	1007
-37.5°	207	231	260	292	335	380	442	509	567	632	687
-40°	192	211	231	253	283	313	353	390	427	467	496
-42.5°	181	196	210	227	244	269	296	319	341	365	384
-45°	171	183	194	207	221	238	257	275	289	302	313
-47.5°	161	172	182	192	203	216	228	240	252	262	269
-50°	151	162	171	180	189	199	209	218	227	234	239
-52.5°	142	152	161	169	178	186	194	202	210	216	219
-55°	135	144	153	161	168	175	182	190	197	203	205
-57.5°	127	137	145	152	158	165	171	178	185	191	193
-60°	118	128	136	142	148	155	162	168	174	179	181
-62.5°	107	116	123	129	135	141	148	154	161	166	169
-65°	94	102	108	115	120	126	132	139	144	149	152
-67.5°	82	88	94	100	105	111	117	123	128	132	135
-70°	71	77	82	87	92	97	102	107	112	115	118
-72.5°	60	65	70	74	79	83	87	91	95	99	101
-75°	50	54	58	62	66	69	72	75	79	81	84
-77.5°	39	43	46	49	53	55	58	60	63	65	67
-80°	30	32	35	37	40	42	44	46	48	49	51
-82.5°	21	23	25	26	28	29	31	32	34	35	36
-85°	14	15	15	16	17	18	19	20	21	21	22
-87.5°	6	7	7	8	8	9	9	9	10	10	11
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626666 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-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°	1	1	1	1	1	1	1	1	1	1	1
60°	3	3	3	3	3	3	3	4	3	4	5
57.5°	17	16	15	14	15	16	17	17	17	16	16
55°	37	39	40	40	40	39	37	35	33	32	31
52.5°	52	53	53	52	53	53	52	51	48	46	43
50°	72	72	71	70	71	72	72	71	68	63	58
47.5°	101	102	103	103	103	102	101	98	93	86	80
45°	129	131	131	131	131	131	129	127	120	110	101
42.5°	163	165	166	165	166	165	163	158	151	138	124
40°	230	233	232	228	232	233	230	222	206	186	168
37.5°	349	360	365	365	365	360	349	333	311	271	242
35°	602	642	660	637	660	642	602	551	495	436	366
32.5°	1005	1076	1116	1116	1116	1076	1005	908	790	669	548
30°	1496	1585	1636	1646	1636	1585	1496	1372	1207	1025	817
27.5°	2006	2098	2146	2139	2146	2098	2006	1873	1704	1467	1203
25°	2517	2587	2627	2628	2627	2587	2517	2388	2193	1961	1650
22.5°	3272	3419	3480	3496	3480	3419	3272	3056	2863	2572	2223
20°	4095	4238	4330	4336	4330	4238	4095	3897	3604	3275	2846
17.5°	4880	4951	4964	4970	4964	4951	4880	4667	4368	4033	3487
15°	5619	5644	5709	5718	5709	5644	5619	5424	5090	4721	4195
12.5°	5970	5993	5982	5951	5982	5993	5970	5823	5589	5210	4694
10°	6162	6130	6082	6025	6082	6130	6162	6056	5884	5590	5091
7.5°	6205	6170	6085	6002	6085	6170	6205	6215	6097	5852	5374
5°	6226	6121	6015	5914	6015	6121	6226	6260	6195	5992	5589
2.5°	6213	6089	5944	5835	5944	6089	6213	6265	6244	6097	5754
0°	6253	6128	5975	5934	5975	6128	6253	6313	6302	6184	5858
-2.5°	6363	6262	6182	6160	6182	6262	6363	6397	6372	6214	5864
-5°	6562	6540	6404	6436	6404	6540	6562	6533	6428	6189	5760
-7.5°	6754	6722	6665	6739	6665	6722	6754	6670	6463	6128	5634
-10°	6805	6794	6821	6887	6821	6794	6805	6653	6365	5961	5430
-12.5°	6649	6730	6822	6891	6822	6730	6649	6444	6146	5648	5068
-15°	6300	6468	6605	6670	6605	6468	6300	6056	5685	5219	4647
-17.5°	5787	5992	6155	6201	6155	5992	5787	5511	5122	4684	4167
-20°	5154	5363	5511	5571	5511	5363	5154	4873	4501	4090	3629

Classified

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

Scaled Data Report



REPORT NUMBER: P626666 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-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°	4443	4647	4781	4852	4781	4647	4443	4163	3845	3480	3046
-25°	3721	3900	4019	4051	4019	3900	3721	3484	3198	2859	2458
-27.5°	3031	3175	3263	3272	3263	3175	3031	2818	2548	2238	1893
-30°	2336	2470	2546	2586	2546	2470	2336	2132	1887	1642	1368
-32.5°	1641	1747	1811	1828	1811	1747	1641	1497	1321	1142	968
-35°	1094	1160	1201	1209	1201	1160	1094	1007	900	782	689
-37.5°	731	764	783	793	783	764	731	687	632	567	509
-40°	518	533	542	544	542	533	518	496	467	427	390
-42.5°	396	404	408	409	408	404	396	384	365	341	319
-45°	320	326	329	330	329	326	320	313	302	289	275
-47.5°	274	277	279	280	279	277	274	269	262	252	240
-50°	242	244	244	244	244	244	242	239	234	227	218
-52.5°	221	223	223	223	223	223	221	219	216	210	202
-55°	206	207	207	207	207	207	206	205	203	197	190
-57.5°	195	196	196	194	196	196	195	193	191	185	178
-60°	183	185	185	184	185	185	183	181	179	174	168
-62.5°	172	174	174	174	174	174	172	169	166	161	154
-65°	155	158	158	157	158	158	155	152	149	144	139
-67.5°	137	139	139	139	139	139	137	135	132	128	123
-70°	120	122	123	122	123	122	120	118	115	112	107
-72.5°	103	106	106	106	106	106	103	101	99	95	91
-75°	86	88	87	87	87	88	86	84	81	79	75
-77.5°	69	71	71	70	71	71	69	67	65	63	60
-80°	52	54	54	53	54	54	52	51	49	48	46
-82.5°	37	38	38	37	38	38	37	36	35	34	32
-85°	23	24	24	24	24	24	23	22	21	21	20
-87.5°	11	11	11	10	11	11	11	11	10	10	9
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626666 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-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	0
62.5°	1	0	0	0	0	0	0	0	0	0	0
60°	4	3	4	4	3	2	3	3	1	1	1
57.5°	14	13	13	11	10	9	8	7	7	4	2
55°	31	28	24	22	20	17	15	13	12	9	6
52.5°	40	39	36	31	28	27	23	20	17	15	11
50°	53	52	49	44	40	37	34	29	25	21	17
47.5°	74	69	66	62	54	48	44	40	34	29	25
45°	93	87	81	76	69	61	54	49	43	37	33
42.5°	116	104	95	89	81	73	65	58	51	45	39
40°	150	131	119	107	98	86	78	70	61	52	47
37.5°	208	173	155	138	122	106	94	84	73	63	55
35°	299	249	206	177	154	131	113	99	87	75	64
32.5°	424	349	279	231	190	158	135	117	100	86	75
30°	625	484	373	295	238	190	156	133	113	97	85
27.5°	937	676	513	381	295	233	185	150	125	107	94
25°	1324	975	705	514	372	284	219	173	140	117	103
22.5°	1812	1395	1019	671	492	366	269	197	156	133	115
20°	2414	1876	1407	998	672	462	331	238	185	153	128
17.5°	3005	2452	1826	1337	923	628	418	291	213	173	142
15°	3604	2952	2288	1716	1188	766	497	342	245	195	158
12.5°	4062	3384	2645	2019	1398	913	596	407	285	213	170
10°	4433	3730	2958	2257	1608	1064	685	455	314	228	179
7.5°	4721	3978	3201	2461	1778	1189	757	493	337	241	187
5°	4950	4192	3397	2629	1911	1282	812	522	353	252	193
2.5°	5124	4350	3530	2739	2000	1347	854	547	367	263	199
0°	5218	4407	3643	2808	2059	1392	882	566	376	271	203
-2.5°	5233	4432	3630	2783	2056	1376	876	562	378	274	206
-5°	5094	4330	3527	2712	1988	1337	858	551	375	274	208
-7.5°	4943	4164	3359	2576	1871	1270	824	532	368	271	207
-10°	4712	3942	3176	2403	1722	1172	765	504	356	264	204
-12.5°	4381	3652	2936	2160	1540	1040	685	467	338	254	200
-15°	3972	3299	2594	1918	1351	902	603	422	314	241	193
-17.5°	3548	2890	2222	1628	1132	781	544	390	292	228	186
-20°	3077	2448	1863	1341	924	645	469	350	272	218	180

Classified

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

Scaled Data Report



REPORT NUMBER: P626666 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-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°	2538	2023	1508	1038	754	553	410	312	249	205	173
-25°	2029	1595	1150	845	614	456	356	285	232	193	165
-27.5°	1535	1155	895	663	499	394	314	255	213	183	159
-30°	1100	871	678	520	417	335	276	233	199	173	152
-32.5°	788	650	512	423	347	291	248	213	186	164	146
-35°	579	488	408	347	296	258	223	198	175	156	141
-37.5°	442	380	335	292	260	231	207	185	164	149	135
-40°	353	313	283	253	231	211	192	173	158	142	130
-42.5°	296	269	244	227	210	196	181	166	151	137	124
-45°	257	238	221	207	194	183	171	158	144	131	118
-47.5°	228	216	203	192	182	172	161	149	136	124	113
-50°	209	199	189	180	171	162	151	140	128	118	107
-52.5°	194	186	178	169	161	152	142	132	122	111	100
-55°	182	175	168	161	153	144	135	125	114	104	93
-57.5°	171	165	158	152	145	137	127	117	106	97	86
-60°	162	155	148	142	136	128	118	108	99	89	80
-62.5°	148	141	135	129	123	116	107	98	90	81	72
-65°	132	126	120	115	108	102	94	87	80	72	64
-67.5°	117	111	105	100	94	88	82	76	69	62	55
-70°	102	97	92	87	82	77	71	65	58	52	46
-72.5°	87	83	79	74	70	65	60	54	49	44	38
-75°	72	69	66	62	58	54	50	45	40	36	32
-77.5°	58	55	53	49	46	43	39	35	32	29	25
-80°	44	42	40	37	35	32	30	27	24	21	19
-82.5°	31	29	28	26	25	23	21	19	17	15	13
-85°	19	18	17	16	15	15	14	12	11	10	8
-87.5°	9	9	8	8	7	7	6	6	5	5	4
-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: P626666 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-730-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	0	0	0	0	0	0	0	0
65°	0	0	0	0	1	1	1	0	0	0	0
62.5°	1	1	1	0	1	1	1	1	1	0	0
60°	1	1	1	1	1	1	1	1	1	1	0
57.5°	1	1	1	1	1	1	1	1	1	1	1
55°	3	2	2	2	1	1	1	1	1	1	1
52.5°	8	4	3	2	2	1	1	1	1	1	1
50°	13	9	5	3	2	2	1	1	1	1	1
47.5°	19	14	9	5	3	2	2	2	1	1	1
45°	27	20	14	9	5	4	2	2	1	1	1
42.5°	35	27	20	12	8	6	3	2	2	1	1
40°	42	35	26	18	12	8	5	3	2	1	2
37.5°	48	42	34	24	16	11	7	3	3	2	2
35°	56	49	41	30	21	14	9	4	3	2	2
32.5°	63	55	47	37	26	17	12	7	4	3	2
30°	72	61	52	43	31	21	15	9	5	3	2
27.5°	81	66	57	48	36	25	17	11	6	4	2
25°	90	74	62	52	41	30	20	13	8	5	3
22.5°	99	82	67	56	46	34	24	15	9	5	3
20°	108	89	71	61	50	38	27	18	11	6	3
17.5°	118	97	79	66	54	42	31	20	12	7	4
15°	128	105	86	71	58	46	34	23	13	8	4
12.5°	137	112	92	76	62	48	37	25	14	9	5
10°	145	119	98	81	66	51	39	28	16	10	6
7.5°	152	124	102	85	69	54	42	29	18	11	7
5°	157	129	106	89	72	57	43	31	20	11	7
2.5°	162	133	109	92	75	60	45	32	22	12	8
0°	165	136	111	94	77	63	46	33	24	12	9
-2.5°	166	138	114	96	79	65	48	35	25	14	9
-5°	167	139	116	97	82	66	49	36	26	16	10
-7.5°	167	139	118	98	83	66	50	37	26	17	10
-10°	166	139	118	99	84	67	51	38	27	18	10
-12.5°	164	138	118	100	84	68	52	39	28	19	10
-15°	160	137	117	100	84	68	53	39	28	19	10
-17.5°	156	135	116	99	84	68	53	39	28	19	11
-20°	153	132	115	97	83	68	53	39	28	19	11

Classified

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

Scaled Data Report



REPORT NUMBER: P626666 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-730-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°	149	130	113	96	82	67	53	38	28	18	11
-25°	144	127	110	95	81	67	52	36	27	18	11
-27.5°	140	124	108	94	80	65	50	36	26	17	11
-30°	136	121	105	91	78	63	47	35	25	17	11
-32.5°	131	117	103	89	75	61	45	33	25	17	11
-35°	127	113	99	85	73	59	43	32	24	17	11
-37.5°	122	109	95	82	70	56	42	31	23	16	10
-40°	117	104	91	79	67	53	41	30	22	15	10
-42.5°	112	100	87	76	64	51	39	30	21	14	10
-45°	107	95	84	72	61	48	37	28	20	14	9
-47.5°	102	90	79	68	57	46	35	26	18	13	9
-50°	96	84	73	63	53	43	33	24	17	12	9
-52.5°	89	77	68	59	49	39	30	22	17	12	8
-55°	82	72	63	54	45	35	27	21	15	11	8
-57.5°	76	67	58	49	40	32	25	19	15	10	7
-60°	70	61	53	44	36	29	23	18	13	10	7
-62.5°	64	55	47	39	32	26	21	16	12	9	6
-65°	56	48	40	34	28	23	19	15	11	8	6
-67.5°	47	41	34	28	24	20	17	13	10	7	5
-70°	40	34	29	25	21	17	14	11	9	6	5
-72.5°	33	29	24	21	18	15	12	9	7	5	4
-75°	28	24	20	17	14	12	10	8	6	4	4
-77.5°	22	19	16	14	12	10	8	6	5	4	3
-80°	16	14	12	10	9	7	6	5	4	3	3
-82.5°	12	10	9	8	7	6	5	4	3	3	2
-85°	7	7	6	5	5	4	3	3	2	2	2
-87.5°	4	3	3	3	2	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: P626666 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-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	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	1	0	0	0	0
60°	0	0	1	0	0	0	0
57.5°	0	0	1	1	0	0	0
55°	1	1	1	1	0	0	0
52.5°	1	1	1	1	0	0	0
50°	1	1	1	1	0	0	0
47.5°	1	1	1	1	0	0	0
45°	1	1	1	1	0	0	0
42.5°	1	1	1	1	1	0	0
40°	1	1	1	1	1	0	0
37.5°	2	1	1	1	1	0	0
35°	2	1	1	1	1	0	0
32.5°	2	1	1	1	1	0	0
30°	2	1	1	1	1	0	0
27.5°	2	2	1	1	1	0	0
25°	2	2	1	1	1	0	0
22.5°	2	2	1	1	1	0	0
20°	2	2	1	1	1	0	0
17.5°	2	2	1	1	1	0	0
15°	2	2	1	1	1	0	0
12.5°	3	2	1	1	1	0	0
10°	3	2	1	1	1	0	0
7.5°	3	2	1	1	1	0	0
5°	3	2	1	1	1	0	0
2.5°	3	2	1	1	1	0	0
0°	3	2	1	1	1	0	0
-2.5°	4	2	1	1	1	0	0
-5°	5	3	1	1	1	0	0
-7.5°	5	3	1	1	1	0	0
-10°	6	3	1	1	1	0	0
-12.5°	6	3	2	1	1	0	0
-15°	6	3	2	1	1	0	0
-17.5°	6	3	2	1	1	0	0
-20°	6	3	2	1	1	0	0

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Scaled Data Report



REPORT NUMBER: P626666 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)