

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: P626726 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-730-U-MWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626726 (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-SA1D-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
Luminaire Lumens: 5909.6 lumens
Efficiency: N/A
Efficacy: 103.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 5V
Max Intensity: 8279.3 candela
Max Intensity Angle: 0°H x -12.5°V

Beam Angle (50%): 46.4°H x 49.6°V
Beam Lumens: 3958.2 lumens
Beam Efficiency: 67.0%

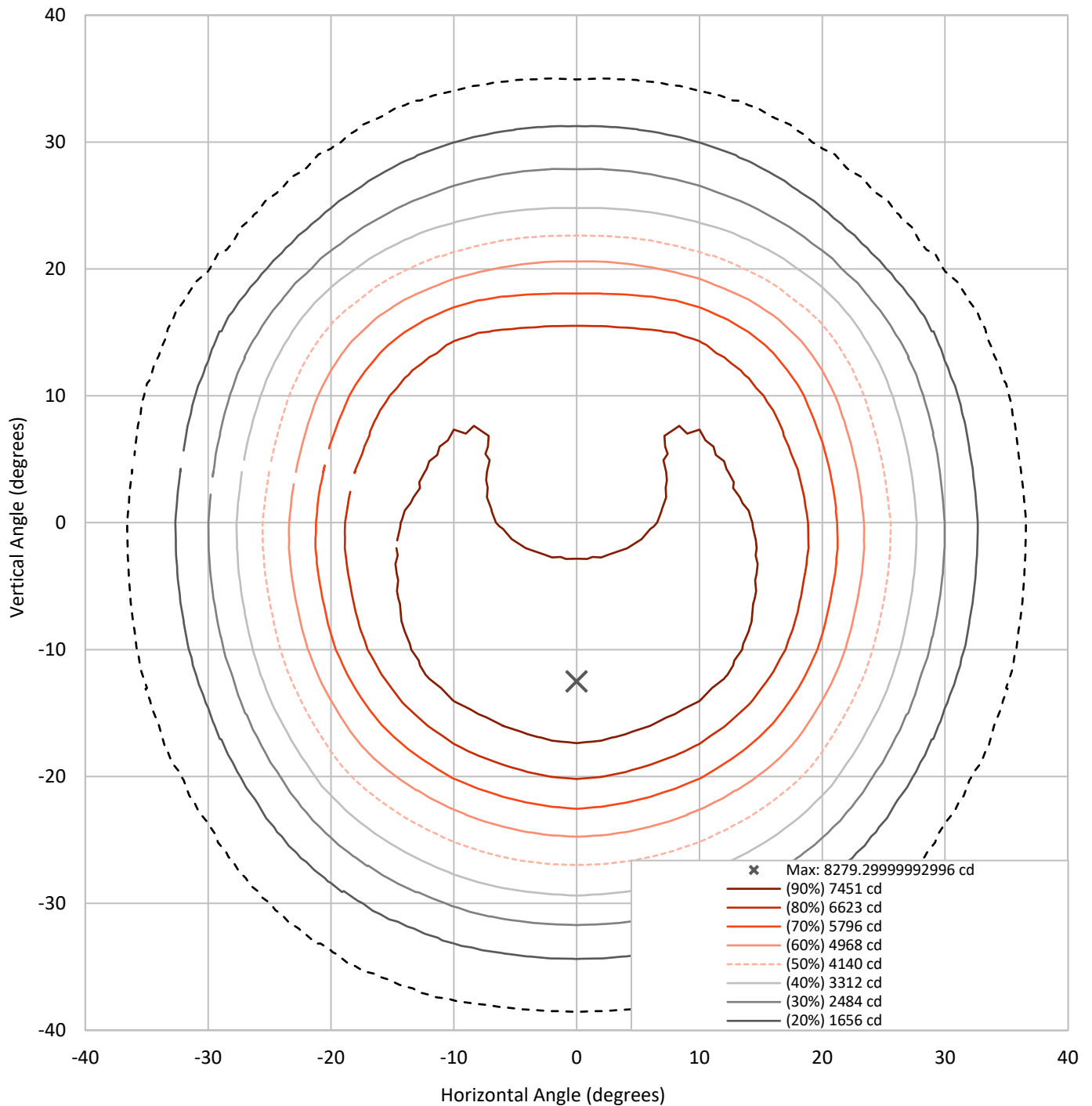
Field Angle (10%): 69.9°H x 73.3°V
Field Lumens: 5326.6 lumens
Field Efficiency: 90.1%

Input Watts (W): 57.3
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: P626726 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





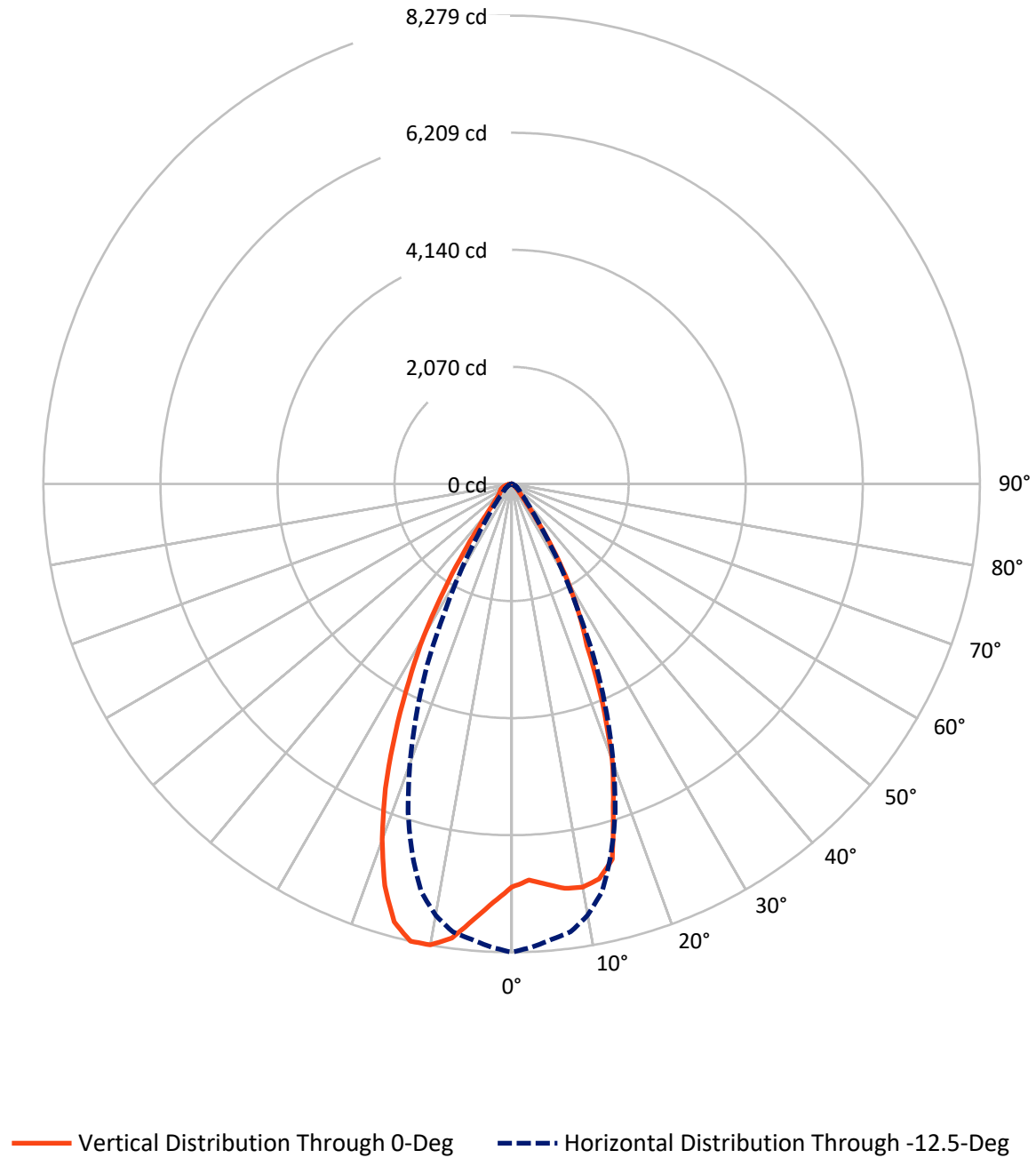
REPORT NUMBER: P626726 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

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	0.5	0.8	1.1	1.3	1.3	1.1	0.8	0.5	0.2	0.0		0.0			
40	0.0	0.0	0.2	0.8	1.7	2.7	4.1	5.0	5.0	4.1	2.7	1.7	0.8	0.2	0.0				
30		0.1	0.7	1.7	3.5	7.7	17.4	26.6	26.6	17.4	7.7	3.5	1.7	0.7	0.1				
20	0.1	0.2	1.1	2.8	7.4	27.5	70.7	98.9	98.9	70.7	27.5	7.4	2.8	1.1	0.2				
10		0.4	1.5	4.3	17.6	76.3	159.1	197.0	197.0	159.1	76.3	17.6	4.3	1.5	0.4				
0	0.1	0.5	1.9	5.5	28.1	112.3	205.2	222.5	222.5	205.2	112.3	28.1	5.5	1.9	0.5				
-10		0.6	2.1	5.9	29.4	116.0	212.6	236.1	236.1	212.6	116.0	29.4	5.9	2.1	0.6				
-20	0.2	0.7	2.1	5.4	21.0	86.4	179.3	229.0	229.0	179.3	86.4	21.0	5.4	2.1	0.7				
-30		0.6	2.0	4.5	11.8	41.9	99.9	140.6	140.6	99.9	41.9	11.8	4.5	2.0	0.6				
-40	0.2	0.5	1.8	3.7	7.0	14.9	31.2	46.3	46.3	31.2	14.9	7.0	3.7	1.8	0.5				
-50		0.5	1.5	3.1	5.1	7.6	10.7	12.6	12.6	10.7	7.6	5.1	3.1	1.5	0.5				
-60	0.1	0.3	1.1	2.4	4.0	5.6	7.0	7.6	7.6	7.0	5.6	4.0	2.4	1.1	0.3				
-70		0.2	0.7	1.7	2.8	4.0	5.1	5.6	5.6	5.1	4.0	2.8	1.7	0.7	0.2				
-80	0.0	0.7	3.0	6.3	8.1	6.3	3.0	0.7	0.0										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

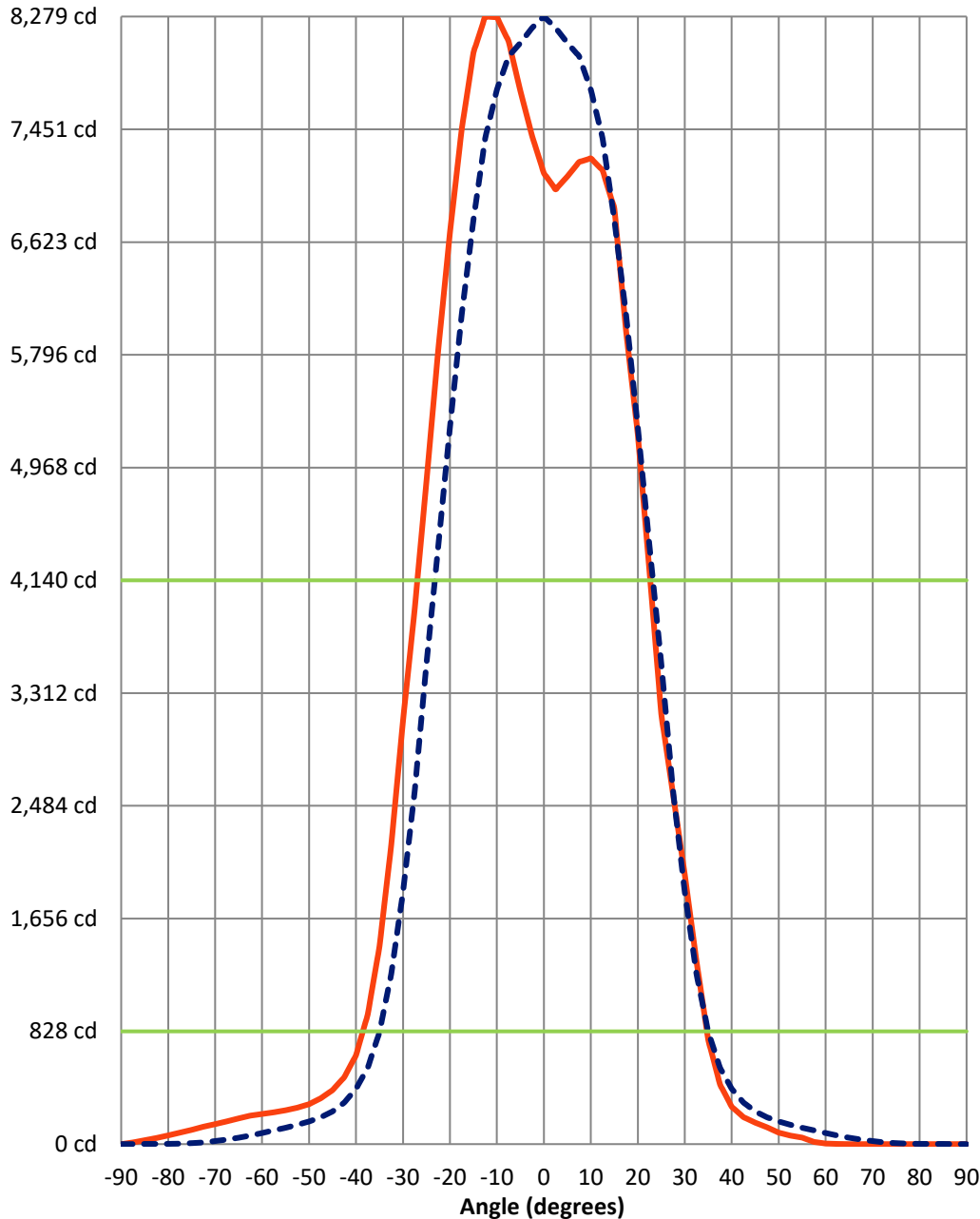
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.4°
 V Angle: 49.6°
 Lumens: 3958.2
 Efficiency: 67.0%

Field:
 H Angle: 69.9°
 V Angle: 73.3°
 Lumens: 5326.6
 Efficiency: 90.1%

Spill:
 Lumens: 583
 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	1	1	0	0	0	0	0
62.5°	0	0	0	0	1	1	0	0	1	1	1
60°	0	0	0	1	1	1	0	1	1	1	1
57.5°	0	0	0	1	1	1	1	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	2
47.5°	0	0	0	1	1	1	1	2	1	1	2
45°	0	0	1	1	1	1	2	2	1	2	2
42.5°	0	0	1	1	1	1	2	2	2	2	3
40°	0	0	1	1	1	1	2	2	2	2	3
37.5°	0	0	1	1	1	1	2	2	2	3	4
35°	0	0	1	1	1	1	2	2	3	4	5
32.5°	0	0	1	1	1	2	2	2	3	5	8
30°	0	0	1	1	1	2	2	2	4	6	11
27.5°	0	0	1	1	1	2	2	3	4	7	13
25°	0	0	1	1	1	2	3	3	5	9	16
22.5°	0	0	1	1	1	2	3	4	7	11	19
20°	0	0	1	1	1	2	3	4	8	13	21
17.5°	0	0	1	1	1	2	3	4	9	15	24
15°	0	0	1	1	1	2	3	5	10	16	27
12.5°	0	0	1	1	1	3	3	6	11	17	30
10°	0	0	1	1	1	3	3	7	12	20	33
7.5°	0	0	1	1	1	3	3	8	13	22	35
5°	0	0	1	1	1	3	4	9	14	24	37
2.5°	0	0	1	1	1	3	4	10	14	26	38
0°	0	0	1	1	1	3	4	11	15	28	39
-2.5°	0	0	1	1	2	3	5	11	17	30	41
-5°	0	0	1	1	2	3	5	12	19	31	43
-7.5°	0	0	1	1	2	3	6	12	20	32	45
-10°	0	0	1	1	2	3	7	12	22	33	46
-12.5°	0	0	1	1	2	3	7	12	22	33	46
-15°	0	0	1	1	2	3	7	12	23	34	47
-17.5°	0	0	1	1	2	3	8	13	23	34	47
-20°	0	0	1	1	2	3	8	13	22	34	47

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REPORT NUMBER: P626726 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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	4	8	14	22	33	46
-25°	0	0	1	1	2	4	8	14	22	32	44
-27.5°	0	0	1	1	2	4	8	14	21	32	43
-30°	0	0	1	1	2	4	8	13	21	31	42
-32.5°	0	0	1	1	2	4	7	13	20	30	40
-35°	0	0	1	1	2	4	7	13	20	29	38
-37.5°	0	0	1	1	2	4	7	12	19	28	37
-40°	0	0	1	1	2	4	7	12	18	27	37
-42.5°	0	0	1	1	2	5	7	11	17	25	35
-45°	0	0	1	1	2	4	7	11	16	24	34
-47.5°	0	0	1	2	3	4	7	11	15	22	32
-50°	0	0	1	2	3	4	7	10	15	21	29
-52.5°	0	0	1	2	3	4	7	10	14	20	27
-55°	0	0	1	2	3	4	6	9	13	19	25
-57.5°	0	0	1	2	2	4	6	9	13	17	23
-60°	0	0	1	2	2	4	6	8	12	16	21
-62.5°	0	0	1	2	2	4	5	8	11	15	20
-65°	0	0	1	2	2	3	5	7	10	13	18
-67.5°	0	0	1	2	2	3	4	6	9	12	16
-70°	0	0	1	2	2	3	4	6	8	10	14
-72.5°	0	0	1	2	2	3	4	5	7	9	11
-75°	0	0	1	1	2	3	3	4	5	7	9
-77.5°	0	0	1	1	2	2	3	4	5	6	7
-80°	0	0	0	1	1	2	3	3	4	5	6
-82.5°	0	0	0	1	1	2	2	3	3	4	5
-85°	0	0	0	0	1	1	1	2	2	3	3
-87.5°	0	0	0	0	0	1	1	1	1	1	2
-90°	0	0	0	0	0	0	0	0	0	0	0

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REPORT NUMBER: P626726 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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	1	1	1	1	0	0	0	0
60°	1	1	1	1	1	1	1	1	1	1	3
57.5°	1	1	1	2	2	1	2	2	5	8	9
55°	1	1	2	2	2	2	4	8	11	14	15
52.5°	2	2	2	3	3	5	9	14	17	20	24
50°	2	2	3	4	6	11	16	21	25	30	35
47.5°	2	3	4	6	11	17	23	30	35	41	49
45°	3	4	6	10	17	24	32	39	45	52	59
42.5°	3	7	10	15	24	33	42	47	54	61	70
40°	6	9	14	22	31	42	50	56	63	74	84
37.5°	8	13	19	29	40	51	58	66	76	88	101
35°	11	17	25	36	49	59	67	76	90	104	119
32.5°	14	20	31	44	56	66	76	90	104	120	140
30°	17	25	38	51	62	73	86	102	116	135	160
27.5°	21	30	44	57	69	80	97	112	129	150	180
25°	24	36	50	63	74	89	108	124	140	168	208
22.5°	28	41	55	68	80	98	118	138	160	188	236
20°	33	46	60	74	85	107	130	154	184	222	286
17.5°	37	51	65	80	95	116	142	171	208	256	349
15°	41	55	70	86	103	126	154	190	234	294	410
12.5°	44	58	75	92	111	135	165	204	256	343	488
10°	47	61	79	97	117	143	175	215	274	377	547
7.5°	50	65	83	103	123	150	183	225	290	404	592
5°	52	69	87	107	127	155	189	232	303	424	627
2.5°	54	73	90	110	131	160	194	239	316	441	657
0°	56	76	92	113	133	163	198	244	326	452	680
-2.5°	58	78	96	115	137	165	200	248	329	454	675
-5°	59	79	98	116	140	167	200	249	329	450	661
-7.5°	60	80	100	118	141	167	201	249	325	443	639
-10°	61	81	101	119	142	167	200	245	317	428	605
-12.5°	63	81	101	120	142	166	197	240	305	406	561
-15°	64	82	101	120	141	164	193	232	289	377	507
-17.5°	64	82	100	119	140	162	187	223	274	351	468
-20°	64	82	100	117	138	159	183	216	262	327	421

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CATALOG NUMBER: GFLD-SA1D-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°	63	81	99	115	136	156	179	207	246	299	375
-25°	62	80	98	114	133	153	173	198	231	279	342
-27.5°	60	78	96	112	129	149	168	191	220	256	307
-30°	57	76	93	110	127	145	163	182	208	240	280
-32.5°	54	74	90	107	123	141	158	176	198	224	256
-35°	52	70	87	103	119	136	152	169	187	210	238
-37.5°	51	67	84	99	114	131	147	162	179	198	222
-40°	49	64	80	95	109	125	141	156	171	189	208
-42.5°	47	61	77	92	105	120	134	149	164	181	199
-45°	45	58	73	87	100	114	128	142	157	173	189
-47.5°	42	55	69	81	95	108	122	135	149	164	180
-50°	39	51	64	76	88	101	115	129	142	154	168
-52.5°	36	47	59	71	82	93	107	121	134	146	158
-55°	33	43	54	65	76	86	98	112	125	137	150
-57.5°	30	38	48	59	70	80	91	103	116	128	140
-60°	28	34	43	53	64	74	85	96	107	119	130
-62.5°	25	31	38	46	56	67	77	87	98	108	117
-65°	23	27	33	40	48	57	67	77	87	96	104
-67.5°	20	24	29	34	41	49	57	66	75	83	91
-70°	17	21	25	29	35	41	48	55	63	70	78
-72.5°	14	18	21	25	29	35	40	46	52	59	65
-75°	12	14	17	20	24	29	33	38	43	48	54
-77.5°	9	12	14	16	19	23	26	30	34	38	43
-80°	7	9	11	13	15	17	20	22	26	29	32
-82.5°	6	7	8	9	11	12	14	16	18	21	23
-85°	4	5	5	6	7	8	9	10	12	13	15
-87.5°	2	2	3	3	3	4	4	5	6	6	7
-90°	0	0	0	0	0	0	0	0	0	0	0



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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°	0	0	0	1	0	0	1	1	1	1	1
60°	4	3	3	4	4	3	5	6	5	4	4
57.5°	10	10	12	14	15	16	17	19	20	20	21
55°	17	21	25	26	29	34	38	38	39	40	42
52.5°	28	32	34	37	43	47	48	51	55	58	61
50°	41	44	48	53	59	62	64	69	76	81	85
47.5°	53	58	65	74	79	83	89	96	104	112	118
45°	65	73	83	91	97	104	112	121	133	144	152
42.5°	79	88	97	107	114	125	139	149	166	181	190
40°	94	104	117	129	143	158	181	202	223	248	266
37.5°	113	127	147	165	187	208	249	291	325	374	400
35°	136	158	185	213	247	299	359	440	524	595	662
32.5°	162	190	228	278	335	419	509	658	803	948	1091
30°	188	229	286	355	449	582	751	982	1231	1450	1648
27.5°	222	280	355	457	617	812	1125	1445	1763	2047	2251
25°	263	341	447	617	847	1171	1591	1983	2356	2634	2868
22.5°	323	440	591	807	1224	1675	2177	2670	3089	3440	3671
20°	397	555	807	1199	1690	2254	2900	3419	3935	4329	4682
17.5°	502	754	1109	1607	2194	2946	3611	4190	4845	5248	5607
15°	597	920	1427	2061	2749	3546	4330	5039	5672	6115	6517
12.5°	716	1097	1679	2426	3178	4065	4880	5640	6259	6715	6996
10°	823	1278	1931	2712	3554	4481	5326	6116	6716	7069	7275
7.5°	909	1428	2136	2957	3846	4779	5672	6456	7030	7325	7466
5°	976	1540	2296	3158	4081	5036	5947	6715	7198	7442	7521
2.5°	1026	1618	2403	3290	4240	5226	6156	6912	7325	7501	7527
0°	1060	1672	2473	3373	4376	5294	6269	7037	7429	7571	7584
-2.5°	1052	1653	2470	3343	4361	5325	6287	7045	7465	7655	7686
-5°	1031	1606	2388	3258	4237	5202	6120	6920	7436	7722	7849
-7.5°	989	1526	2248	3094	4036	5002	5938	6769	7361	7765	8013
-10°	919	1408	2069	2887	3815	4736	5661	6523	7162	7647	7993
-12.5°	823	1249	1851	2594	3527	4387	5263	6089	6786	7384	7742
-15°	724	1083	1623	2304	3116	3963	4772	5583	6271	6830	7276
-17.5°	653	938	1360	1956	2669	3472	4262	5007	5627	6153	6621
-20°	564	775	1110	1611	2239	2941	3697	4360	4914	5407	5854

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P626726 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	493	664	906	1247	1811	2431	3049	3659	4181	4620	5001
-25°	428	548	737	1015	1382	1917	2438	2953	3434	3843	4186
-27.5°	377	473	599	797	1075	1387	1844	2275	2688	3062	3385
-30°	331	403	501	625	814	1046	1321	1643	1973	2268	2562
-32.5°	298	349	417	509	615	781	947	1163	1372	1587	1798
-35°	269	310	356	417	490	587	696	828	940	1081	1210
-37.5°	248	277	312	351	403	457	531	611	681	759	825
-40°	231	254	278	304	340	376	424	469	513	561	596
-42.5°	217	235	252	273	294	323	355	383	410	438	461
-45°	206	219	233	249	265	286	309	330	347	363	376
-47.5°	194	206	218	230	244	260	274	288	302	315	323
-50°	182	194	205	216	228	240	251	262	272	282	287
-52.5°	171	183	194	204	214	224	233	243	252	260	264
-55°	162	173	184	193	202	210	219	228	236	244	246
-57.5°	152	164	175	183	190	198	206	214	222	230	232
-60°	141	154	163	170	178	187	194	202	209	215	218
-62.5°	128	139	148	155	162	169	177	185	193	199	203
-65°	113	122	130	138	145	151	159	166	174	179	183
-67.5°	99	106	113	120	126	133	140	147	154	159	162
-70°	85	92	99	105	111	117	123	128	134	138	142
-72.5°	72	78	84	89	95	100	105	110	115	118	121
-75°	59	65	69	74	79	83	87	91	94	98	100
-77.5°	47	51	55	59	63	66	69	72	75	78	80
-80°	36	39	42	45	48	50	53	55	57	59	61
-82.5°	26	28	30	32	34	35	37	39	40	42	43
-85°	16	18	19	20	21	22	23	24	25	26	27
-87.5°	8	8	9	9	10	10	11	11	12	12	13
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626726 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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°	4	4	4	4	4	4	4	4	4	5	6
57.5°	20	19	18	16	18	19	20	21	20	20	19
55°	44	47	48	48	48	47	44	42	40	39	38
52.5°	63	64	64	62	64	64	63	61	58	55	51
50°	86	86	86	84	86	86	86	85	81	76	69
47.5°	121	123	124	124	124	123	121	118	112	104	96
45°	155	157	158	158	158	157	155	152	144	133	121
42.5°	195	198	199	198	199	198	195	190	181	166	149
40°	277	280	278	274	278	280	277	266	248	223	202
37.5°	419	433	438	439	438	433	419	400	374	325	291
35°	723	771	793	766	793	771	723	662	595	524	440
32.5°	1207	1293	1341	1341	1341	1293	1207	1091	948	803	658
30°	1797	1905	1965	1978	1965	1905	1797	1648	1450	1231	982
27.5°	2409	2520	2578	2570	2578	2520	2409	2251	2047	1763	1445
25°	3024	3108	3156	3158	3156	3108	3024	2868	2634	2356	1983
22.5°	3931	4108	4181	4200	4181	4108	3931	3671	3440	3089	2670
20°	4920	5091	5202	5209	5202	5091	4920	4682	4329	3935	3419
17.5°	5862	5947	5963	5970	5963	5947	5862	5607	5248	4845	4190
15°	6751	6780	6859	6869	6859	6780	6751	6517	6115	5672	5039
12.5°	7173	7200	7186	7150	7186	7200	7173	6996	6715	6259	5640
10°	7403	7364	7307	7238	7307	7364	7403	7275	7069	6716	6116
7.5°	7455	7412	7311	7211	7311	7412	7455	7466	7325	7030	6456
5°	7479	7354	7227	7105	7227	7354	7479	7521	7442	7198	6715
2.5°	7465	7316	7141	7010	7141	7316	7465	7527	7501	7325	6912
0°	7512	7362	7178	7130	7178	7362	7512	7584	7571	7429	7037
-2.5°	7645	7523	7427	7401	7427	7523	7645	7686	7655	7465	7045
-5°	7884	7857	7694	7732	7694	7857	7884	7849	7722	7436	6920
-7.5°	8114	8076	8007	8096	8007	8076	8114	8013	7765	7361	6769
-10°	8175	8163	8195	8274	8195	8163	8175	7993	7647	7162	6523
-12.5°	7987	8086	8196	8279	8196	8086	7987	7742	7384	6786	6089
-15°	7569	7770	7935	8013	7935	7770	7569	7276	6830	6271	5583
-17.5°	6952	7199	7394	7450	7394	7199	6952	6621	6153	5627	5007
-20°	6192	6443	6621	6692	6621	6443	6192	5854	5407	4914	4360

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REPORT NUMBER: P626726 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	5338	5583	5744	5829	5744	5583	5338	5001	4620	4181	3659
-25°	4470	4686	4829	4867	4829	4686	4470	4186	3843	3434	2953
-27.5°	3641	3814	3920	3931	3920	3814	3641	3385	3062	2688	2275
-30°	2806	2967	3059	3107	3059	2967	2806	2562	2268	1973	1643
-32.5°	1971	2099	2176	2196	2176	2099	1971	1798	1587	1372	1163
-35°	1314	1394	1443	1453	1443	1394	1314	1210	1081	940	828
-37.5°	879	917	941	953	941	917	879	825	759	681	611
-40°	623	641	651	653	651	641	623	596	561	513	469
-42.5°	476	485	490	491	490	485	476	461	438	410	383
-45°	385	391	395	396	395	391	385	376	363	347	330
-47.5°	329	333	336	337	336	333	329	323	315	302	288
-50°	290	293	294	293	294	293	290	287	282	272	262
-52.5°	266	268	268	267	268	268	266	264	260	252	243
-55°	248	249	249	248	249	249	248	246	244	236	228
-57.5°	234	235	235	234	235	235	234	232	230	222	214
-60°	220	222	222	221	222	222	220	218	215	209	202
-62.5°	207	209	210	209	210	209	207	203	199	193	185
-65°	187	190	190	189	190	190	187	183	179	174	166
-67.5°	165	167	168	167	168	167	165	162	159	154	147
-70°	145	147	147	147	147	147	145	142	138	134	128
-72.5°	124	127	127	128	127	127	124	121	118	115	110
-75°	103	105	105	105	105	105	103	100	98	94	91
-77.5°	83	85	85	84	85	85	83	80	78	75	72
-80°	63	65	64	64	64	65	63	61	59	57	55
-82.5°	45	46	45	45	45	46	45	43	42	40	39
-85°	28	28	28	29	28	28	28	27	26	25	24
-87.5°	13	14	13	12	13	14	13	13	12	12	11
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626726 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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	1	0	0	0	0	0	0	0
60°	5	3	4	4	3	3	4	3	1	1	1
57.5°	17	16	15	14	12	10	10	9	8	5	2
55°	38	34	29	26	25	21	17	15	14	11	8
52.5°	48	47	43	37	34	32	28	24	20	17	14
50°	64	62	59	53	48	44	41	35	30	25	21
47.5°	89	83	79	74	65	58	53	49	41	35	30
45°	112	104	97	91	83	73	65	59	52	45	39
42.5°	139	125	114	107	97	88	79	70	61	54	47
40°	181	158	143	129	117	104	94	84	74	63	56
37.5°	249	208	187	165	147	127	113	101	88	76	66
35°	359	299	247	213	185	158	136	119	104	90	76
32.5°	509	419	335	278	228	190	162	140	120	104	90
30°	751	582	449	355	286	229	188	160	135	116	102
27.5°	1125	812	617	457	355	280	222	180	150	129	112
25°	1591	1171	847	617	447	341	263	208	168	140	124
22.5°	2177	1675	1224	807	591	440	323	236	188	160	138
20°	2900	2254	1690	1199	807	555	397	286	222	184	154
17.5°	3611	2946	2194	1607	1109	754	502	349	256	208	171
15°	4330	3546	2749	2061	1427	920	597	410	294	234	190
12.5°	4880	4065	3178	2426	1679	1097	716	488	343	256	204
10°	5326	4481	3554	2712	1931	1278	823	547	377	274	215
7.5°	5672	4779	3846	2957	2136	1428	909	592	404	290	225
5°	5947	5036	4081	3158	2296	1540	976	627	424	303	232
2.5°	6156	5226	4240	3290	2403	1618	1026	657	441	316	239
0°	6269	5294	4376	3373	2473	1672	1060	680	452	326	244
-2.5°	6287	5325	4361	3343	2470	1653	1052	675	454	329	248
-5°	6120	5202	4237	3258	2388	1606	1031	661	450	329	249
-7.5°	5938	5002	4036	3094	2248	1526	989	639	443	325	249
-10°	5661	4736	3815	2887	2069	1408	919	605	428	317	245
-12.5°	5263	4387	3527	2594	1851	1249	823	561	406	305	240
-15°	4772	3963	3116	2304	1623	1083	724	507	377	289	232
-17.5°	4262	3472	2669	1956	1360	938	653	468	351	274	223
-20°	3697	2941	2239	1611	1110	775	564	421	327	262	216

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REPORT NUMBER: P626726 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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°	3049	2431	1811	1247	906	664	493	375	299	246	207
-25°	2438	1917	1382	1015	737	548	428	342	279	231	198
-27.5°	1844	1387	1075	797	599	473	377	307	256	220	191
-30°	1321	1046	814	625	501	403	331	280	240	208	182
-32.5°	947	781	615	509	417	349	298	256	224	198	176
-35°	696	587	490	417	356	310	269	238	210	187	169
-37.5°	531	457	403	351	312	277	248	222	198	179	162
-40°	424	376	340	304	278	254	231	208	189	171	156
-42.5°	355	323	294	273	252	235	217	199	181	164	149
-45°	309	286	265	249	233	219	206	189	173	157	142
-47.5°	274	260	244	230	218	206	194	180	164	149	135
-50°	251	240	228	216	205	194	182	168	154	142	129
-52.5°	233	224	214	204	194	183	171	158	146	134	121
-55°	219	210	202	193	184	173	162	150	137	125	112
-57.5°	206	198	190	183	175	164	152	140	128	116	103
-60°	194	187	178	170	163	154	141	130	119	107	96
-62.5°	177	169	162	155	148	139	128	117	108	98	87
-65°	159	151	145	138	130	122	113	104	96	87	77
-67.5°	140	133	126	120	113	106	99	91	83	75	66
-70°	123	117	111	105	99	92	85	78	70	63	55
-72.5°	105	100	95	89	84	78	72	65	59	52	46
-75°	87	83	79	74	69	65	59	54	48	43	38
-77.5°	69	66	63	59	55	51	47	43	38	34	30
-80°	53	50	48	45	42	39	36	32	29	26	22
-82.5°	37	35	34	32	30	28	26	23	21	18	16
-85°	23	22	21	20	19	18	16	15	13	12	10
-87.5°	11	10	10	9	9	8	8	7	6	6	5
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P626726 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-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	1	1	1	1	1	1	1	0
60°	1	1	1	1	1	1	1	1	1	1	1
57.5°	2	1	2	2	1	1	1	1	1	1	1
55°	4	2	2	2	2	1	1	1	1	1	1
52.5°	9	5	3	3	2	2	2	1	1	1	1
50°	16	11	6	4	3	2	2	2	1	1	1
47.5°	23	17	11	6	4	3	2	2	1	1	2
45°	32	24	17	10	6	4	3	2	2	1	2
42.5°	42	33	24	15	10	7	3	3	2	2	2
40°	50	42	31	22	14	9	6	3	2	2	2
37.5°	58	51	40	29	19	13	8	4	3	2	2
35°	67	59	49	36	25	17	11	5	4	3	2
32.5°	76	66	56	44	31	20	14	8	5	3	2
30°	86	73	62	51	38	25	17	11	6	4	2
27.5°	97	80	69	57	44	30	21	13	7	4	3
25°	108	89	74	63	50	36	24	16	9	5	3
22.5°	118	98	80	68	55	41	28	19	11	7	4
20°	130	107	85	74	60	46	33	21	13	8	4
17.5°	142	116	95	80	65	51	37	24	15	9	4
15°	154	126	103	86	70	55	41	27	16	10	5
12.5°	165	135	111	92	75	58	44	30	17	11	6
10°	175	143	117	97	79	61	47	33	20	12	7
7.5°	183	150	123	103	83	65	50	35	22	13	8
5°	189	155	127	107	87	69	52	37	24	14	9
2.5°	194	160	131	110	90	73	54	38	26	14	10
0°	198	163	133	113	92	76	56	39	28	15	11
-2.5°	200	165	137	115	96	78	58	41	30	17	11
-5°	200	167	140	116	98	79	59	43	31	19	12
-7.5°	201	167	141	118	100	80	60	45	32	20	12
-10°	200	167	142	119	101	81	61	46	33	22	12
-12.5°	197	166	142	120	101	81	63	47	33	22	12
-15°	193	164	141	120	101	82	64	47	34	23	12
-17.5°	187	162	140	119	100	82	64	47	34	23	13
-20°	183	159	138	117	100	82	64	47	34	22	13

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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	179	156	136	115	99	81	63	46	33	22	14
-25°	173	153	133	114	98	80	62	44	32	22	14
-27.5°	168	149	129	112	96	78	60	43	32	21	14
-30°	163	145	127	110	93	76	57	42	31	21	13
-32.5°	158	141	123	107	90	74	54	40	30	20	13
-35°	152	136	119	103	87	70	52	38	29	20	13
-37.5°	147	131	114	99	84	67	51	37	28	19	12
-40°	141	125	109	95	80	64	49	37	27	18	12
-42.5°	134	120	105	92	77	61	47	35	25	17	11
-45°	128	114	100	87	73	58	45	34	24	16	11
-47.5°	122	108	95	81	69	55	42	32	22	15	11
-50°	115	101	88	76	64	51	39	29	21	15	10
-52.5°	107	93	82	71	59	47	36	27	20	14	10
-55°	98	86	76	65	54	43	33	25	19	13	9
-57.5°	91	80	70	59	48	38	30	23	17	13	9
-60°	85	74	64	53	43	34	28	21	16	12	8
-62.5°	77	67	56	46	38	31	25	20	15	11	8
-65°	67	57	48	40	33	27	23	18	13	10	7
-67.5°	57	49	41	34	29	24	20	16	12	9	6
-70°	48	41	35	29	25	21	17	14	10	8	6
-72.5°	40	35	29	25	21	18	14	11	9	7	5
-75°	33	29	24	20	17	14	12	9	7	5	4
-77.5°	26	23	19	16	14	12	9	7	6	5	4
-80°	20	17	15	13	11	9	7	6	5	4	3
-82.5°	14	12	11	9	8	7	6	5	4	3	3
-85°	9	8	7	6	5	5	4	3	3	2	2
-87.5°	4	4	3	3	3	2	2	2	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: P626726 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-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	1	1	0	0	0	0
62.5°	0	1	1	0	0	0	0
60°	0	1	1	1	0	0	0
57.5°	1	1	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°	2	1	1	1	1	0	0
42.5°	2	1	1	1	1	0	0
40°	2	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	2	1	1	1	0	0
30°	2	2	1	1	1	0	0
27.5°	2	2	1	1	1	0	0
25°	3	2	1	1	1	0	0
22.5°	3	2	1	1	1	0	0
20°	3	2	1	1	1	0	0
17.5°	3	2	1	1	1	0	0
15°	3	2	1	1	1	0	0
12.5°	3	3	1	1	1	0	0
10°	3	3	1	1	1	0	0
7.5°	3	3	1	1	1	0	0
5°	4	3	1	1	1	0	0
2.5°	4	3	1	1	1	0	0
0°	4	3	1	1	1	0	0
-2.5°	5	3	2	1	1	0	0
-5°	5	3	2	1	1	0	0
-7.5°	6	3	2	1	1	0	0
-10°	7	3	2	1	1	0	0
-12.5°	7	3	2	1	1	0	0
-15°	7	3	2	1	1	0	0
-17.5°	8	3	2	1	1	0	0
-20°	8	3	2	1	1	0	0

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REPORT NUMBER: P626726 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-730-U-MWR-VSR-XX

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)