

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: P627084 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-730-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627084 (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-SA3B-730-U-MR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (48) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11855.4 lumens
Efficiency: N/A
Efficacy: 126.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 41800 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 5927.8 lumens
Beam Efficiency: 50.0%

Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 10186 lumens
Field Efficiency: 85.9%

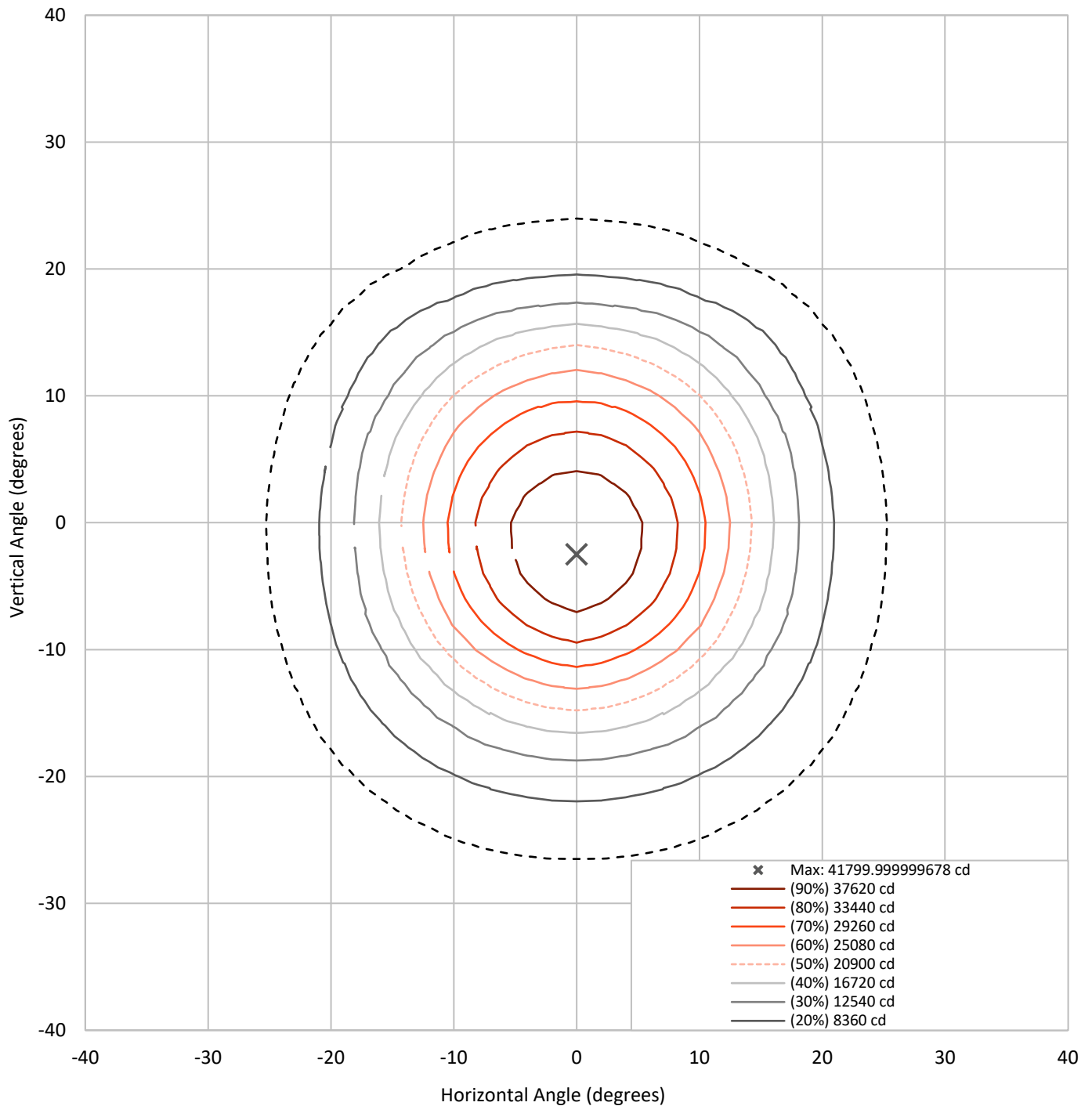
Input Watts (W): 93.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA3B-730-U-MR-VSR-XX

Iso-Candela Plot





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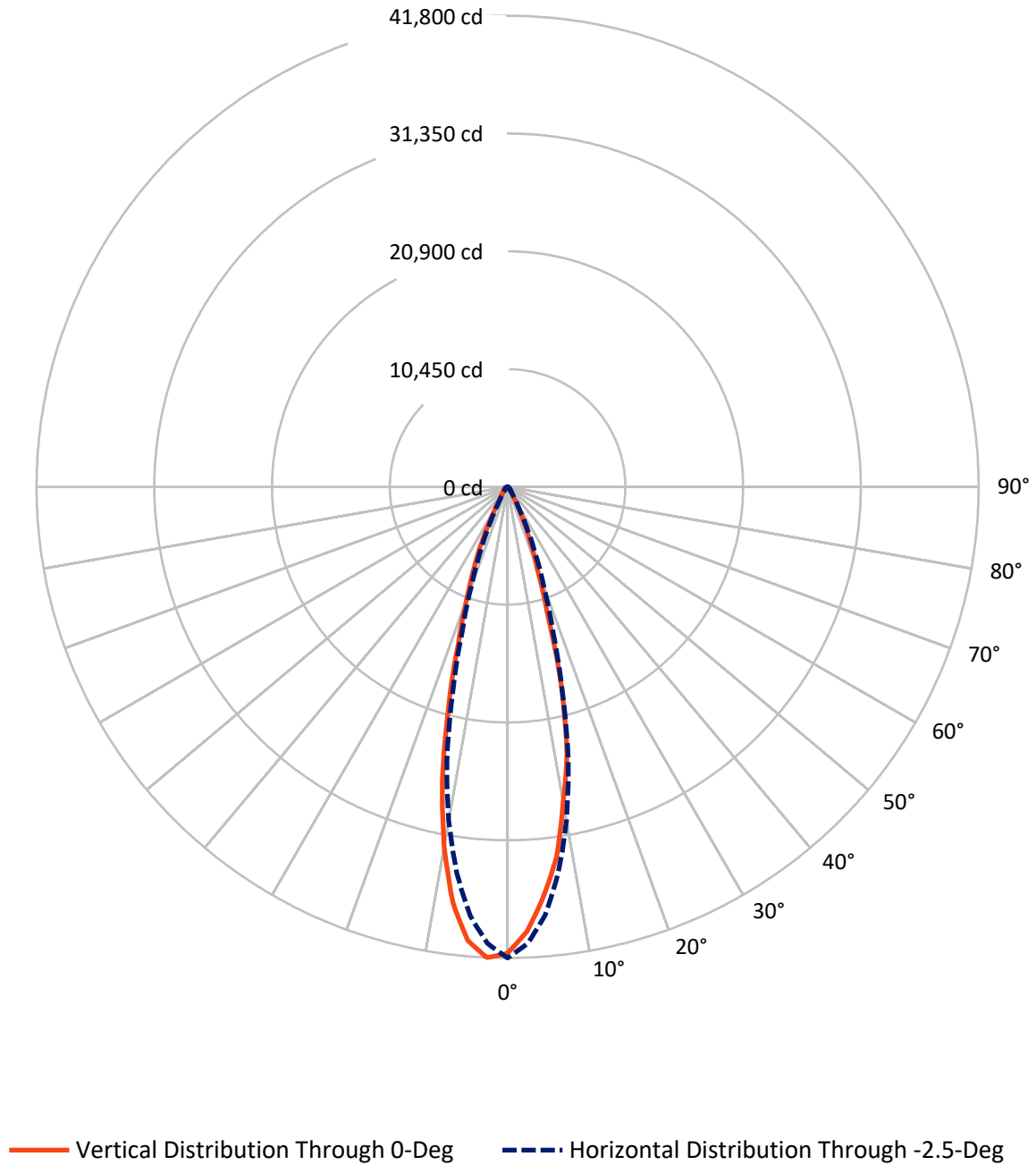
CATALOG NUMBER: GFLD-SA3B-730-U-MR-VSR-XX

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	0.1	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	0.3	0.8	1.4	1.9	2.2	2.2	1.9	1.4	0.8	0.3	0.1				0.0	
50	0.0	0.1	0.4	1.3	2.5	3.8	5.4	6.3	6.3	5.4	3.8	2.5	1.3	0.4	0.1	0.0	0.0		
40		0.2	1.0	2.5	4.7	7.7	12.8	17.1	17.1	12.8	7.7	4.7	2.5	1.0	0.2				
30	0.1	0.4	1.6	3.9	7.4	17.9	56.3	103.2	103.2	56.3	17.9	7.4	3.9	1.6	0.4	0.1	0.1		
20		0.6	2.2	5.3	12.6	61.8	251.1	491.6	491.6	251.1	61.8	12.6	5.3	2.2	0.6				
10	0.2	0.7	2.7	6.3	18.1	117.7	506.9	993.6	993.6	506.9	117.7	18.1	6.3	2.7	0.7	0.2	0.2		
0		0.9	2.9	6.6	19.3	123.3	520.2	1053.6	1053.6	520.2	123.3	19.3	6.6	2.9	0.9				
-10	0.2	0.9	3.0	6.5	15.9	75.7	287.7	557.6	557.6	287.7	75.7	15.9	6.5	3.0	0.9	0.2	0.2		
-20		0.9	2.8	5.9	11.7	29.4	89.1	158.9	158.9	89.1	29.4	11.7	5.9	2.8	0.9				
-30	0.2	0.8	2.5	5.1	8.8	14.5	23.7	31.7	31.7	23.7	14.5	8.8	5.1	2.5	0.8	0.2	0.2		
-40		0.7	2.1	4.2	7.0	10.0	13.2	14.8	14.8	13.2	10.0	7.0	4.2	2.1	0.7				
-50	0.1	0.5	1.6	3.3	5.5	7.6	9.5	10.3	10.3	9.5	7.6	5.5	3.3	1.6	0.5	0.1	0.1		
-60		0.3	1.0	2.2	3.6	5.2	6.5	7.2	7.2	6.5	5.2	3.6	2.2	1.0	0.3				
-70	0.0	0.8	3.5	7.6	9.6	7.6	3.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
-80		0.8	3.5	7.6	9.6	7.6	3.5	0.8											
-90	0.0	0.8	3.5	7.6	9.6	7.6	3.5	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

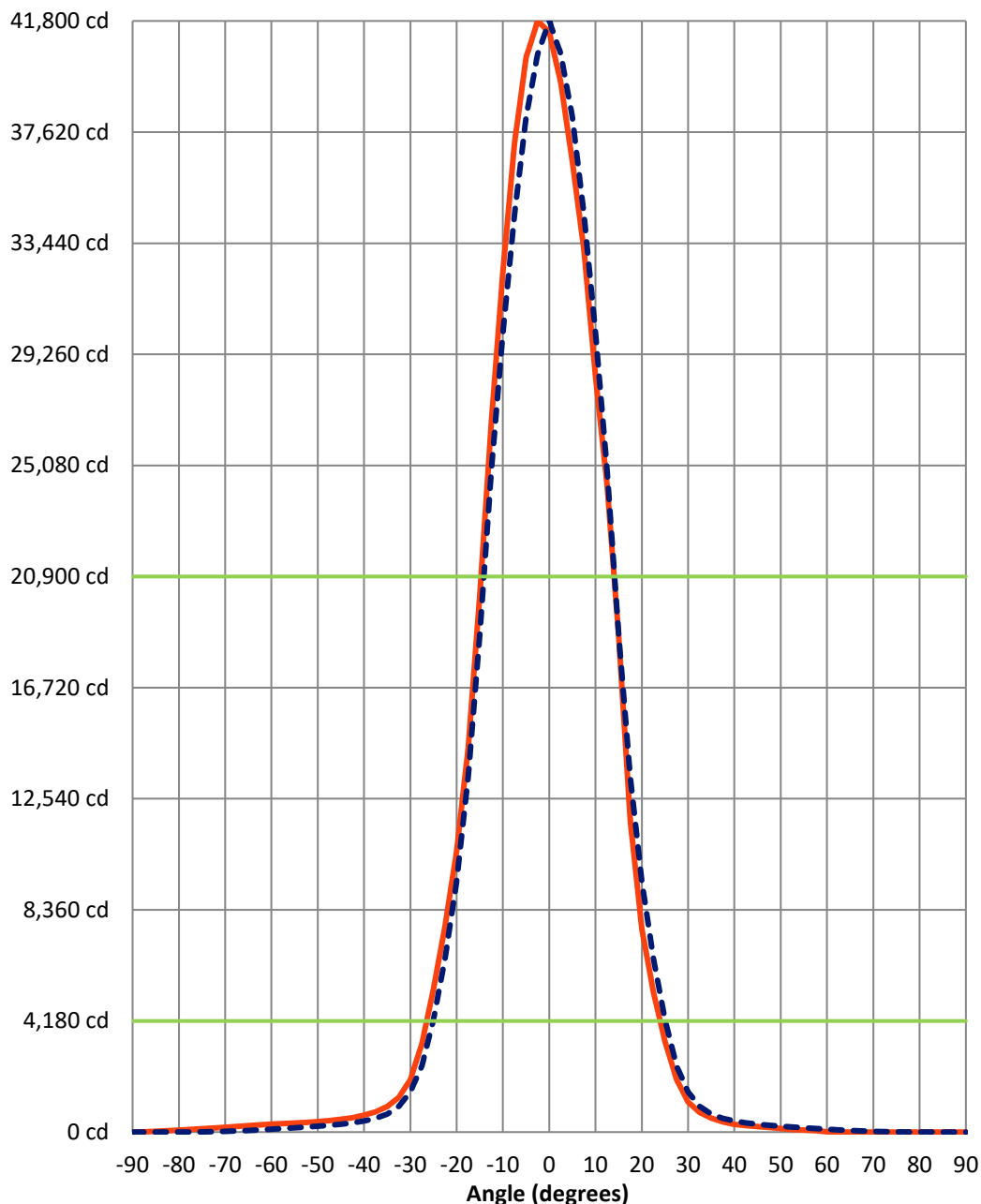
REPORT NUMBER: P627084 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-730-U-MR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 5927.8
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 10186
 Efficiency: 85.9%

Spill:
 Lumens: 1669.4
 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	0	1	1
55°	0	0	0	0	0	0	0	0	1	2	1
52.5°	0	0	0	0	0	0	0	1	2	2	1
50°	0	0	0	0	0	0	1	1	2	2	2
47.5°	0	0	0	0	0	1	1	2	3	2	2
45°	0	0	0	0	0	1	1	2	3	2	3
42.5°	0	0	0	0	0	1	2	3	3	3	4
40°	0	0	0	0	0	1	2	3	3	3	6
37.5°	0	0	0	0	0	2	2	3	3	4	9
35°	0	0	0	0	1	2	2	3	4	6	11
32.5°	0	0	0	0	1	2	3	3	5	9	14
30°	0	0	0	0	1	2	3	3	6	11	17
27.5°	0	0	0	0	1	2	3	4	7	13	21
25°	0	0	0	0	2	3	3	5	9	16	25
22.5°	0	0	0	0	2	3	3	5	11	19	29
20°	0	0	0	0	2	3	3	7	13	22	34
17.5°	0	0	0	0	2	3	3	8	14	25	38
15°	0	0	0	0	2	3	3	9	16	28	42
12.5°	0	0	0	0	2	3	3	10	17	30	45
10°	0	0	0	0	2	3	4	12	19	33	48
7.5°	0	0	0	0	3	3	4	13	20	36	51
5°	0	0	0	0	3	3	5	14	22	38	54
2.5°	0	0	0	0	3	3	5	15	23	40	56
0°	0	0	0	0	3	3	5	16	24	42	58
-2.5°	0	0	0	0	3	3	6	16	26	44	60
-5°	0	0	0	0	3	3	7	16	28	45	61
-7.5°	0	0	0	0	3	3	8	17	30	46	62
-10°	0	0	0	1	2	4	9	17	31	47	63
-12.5°	0	0	0	1	2	4	10	17	32	47	64
-15°	0	0	0	1	2	4	10	17	32	48	65
-17.5°	0	0	0	1	2	4	10	17	32	48	66
-20°	0	0	0	1	2	4	11	18	31	48	66

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CATALOG NUMBER: GFLD-SA3B-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	2	4	11	19	31	47	65
-25°	0	0	0	1	2	4	11	19	30	46	63
-27.5°	0	0	0	1	3	5	11	20	29	45	62
-30°	0	0	0	1	3	5	11	20	29	44	60
-32.5°	0	0	0	1	3	5	11	20	29	42	57
-35°	0	0	0	1	3	5	11	19	28	40	54
-37.5°	0	0	0	1	3	5	11	19	28	39	53
-40°	0	0	0	1	3	6	11	18	27	37	52
-42.5°	0	0	0	1	3	6	10	17	26	36	50
-45°	0	0	0	0	3	6	10	17	25	35	47
-47.5°	0	0	0	0	3	6	9	16	24	33	45
-50°	0	0	0	0	3	6	9	15	23	31	42
-52.5°	0	0	0	0	3	5	9	14	21	29	38
-55°	0	0	0	1	2	5	8	13	19	27	36
-57.5°	0	0	0	1	2	5	8	12	17	24	32
-60°	0	0	0	1	2	4	7	11	15	22	29
-62.5°	0	0	0	1	2	4	6	9	14	19	26
-65°	0	0	0	1	2	4	6	8	12	17	23
-67.5°	0	0	0	1	2	3	5	8	11	15	20
-70°	0	0	0	1	2	3	5	7	10	13	17
-72.5°	0	0	0	1	1	3	4	6	8	11	14
-75°	0	0	0	0	1	2	4	5	7	9	12
-77.5°	0	0	0	0	1	2	3	4	5	7	9
-80°	0	0	0	0	1	2	3	3	4	5	6
-82.5°	0	0	0	0	1	1	2	2	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: P627084 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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	2	2	5
57.5°	0	1	1	1	2	3	4	5	8	12	15
55°	1	2	2	2	4	6	8	13	18	23	28
52.5°	2	3	2	4	8	11	17	23	30	35	40
50°	2	3	3	8	13	19	27	36	42	47	54
47.5°	3	4	8	14	20	29	40	47	53	63	73
45°	5	8	13	20	29	41	51	58	68	79	90
42.5°	7	12	19	26	40	52	61	71	82	95	107
40°	10	16	25	37	51	63	74	85	97	111	124
37.5°	14	22	32	47	62	74	87	100	114	130	144
35°	17	28	41	56	71	87	101	116	133	150	167
32.5°	21	34	49	65	81	98	114	133	151	170	191
30°	27	41	56	74	91	109	129	150	168	189	211
27.5°	33	47	64	82	99	119	143	164	184	206	231
25°	38	53	71	89	108	131	157	179	199	224	253
22.5°	44	59	79	96	117	143	170	194	218	242	276
20°	49	66	86	105	126	155	183	210	237	268	306
17.5°	54	73	94	114	138	166	196	226	256	294	341
15°	59	79	101	123	148	178	209	242	277	321	375
12.5°	63	84	108	131	158	188	220	254	295	348	415
10°	67	89	114	139	166	197	230	266	310	367	445
7.5°	71	93	120	146	173	205	238	275	322	382	469
5°	74	98	125	151	179	212	245	283	332	395	489
2.5°	77	102	129	155	183	216	250	289	338	406	504
0°	79	105	132	158	187	218	253	292	342	416	513
-2.5°	81	109	135	161	190	221	256	295	347	419	516
-5°	83	111	137	164	193	223	257	297	349	419	517
-7.5°	85	113	139	165	195	225	258	298	350	418	516
-10°	86	114	140	167	197	226	259	297	348	414	508
-12.5°	87	115	141	168	197	226	258	295	343	406	492
-15°	88	115	141	167	197	226	256	290	336	396	470
-17.5°	89	115	140	166	195	225	253	286	328	384	455
-20°	89	114	139	163	193	222	250	282	322	371	435

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CATALOG NUMBER: GFLD-SA3B-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°	88	113	137	161	189	218	246	277	313	355	412
-25°	87	112	135	159	185	213	241	269	304	344	393
-27.5°	85	110	133	156	181	207	235	262	294	331	373
-30°	81	106	129	153	177	201	227	255	283	317	355
-32.5°	77	103	125	148	172	196	219	245	273	302	337
-35°	74	98	121	143	167	189	211	235	262	289	318
-37.5°	72	93	116	137	159	182	203	225	249	276	302
-40°	69	88	110	131	151	174	194	214	236	262	287
-42.5°	66	85	105	125	144	165	186	205	225	249	273
-45°	63	81	99	118	138	156	176	196	216	236	259
-47.5°	60	76	94	111	130	149	166	185	206	225	245
-50°	56	72	88	104	122	141	158	175	193	213	232
-52.5°	51	66	81	96	113	130	149	166	181	198	217
-55°	46	60	75	89	103	120	137	154	171	186	202
-57.5°	42	54	67	81	94	108	125	141	157	173	189
-60°	38	47	59	72	86	98	112	127	143	158	172
-62.5°	33	42	52	63	75	88	101	114	128	141	154
-65°	29	36	45	54	65	76	88	101	113	124	134
-67.5°	25	31	38	46	55	64	74	85	96	106	115
-70°	22	26	32	38	45	53	62	71	79	88	97
-72.5°	18	22	26	30	37	44	51	57	65	72	80
-75°	15	18	21	25	29	35	41	47	53	59	65
-77.5°	11	14	17	20	23	27	32	36	41	46	51
-80°	8	10	13	15	18	20	23	26	30	34	37
-82.5°	5	7	9	11	12	14	15	17	20	23	25
-85°	3	4	5	6	7	8	9	10	11	13	15
-87.5°	2	2	2	3	3	3	4	4	4	5	6
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627084 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	1	1	0	0	0
62.5°	1	1	2	3	3	3	3	4	4	4	4
60°	7	7	10	12	12	9	13	15	14	12	12
57.5°	18	23	27	28	31	37	38	38	38	40	45
55°	32	36	38	44	49	54	58	61	64	67	71
52.5°	44	50	54	60	67	71	73	80	87	92	95
50°	63	69	76	83	90	96	102	109	118	127	132
47.5°	82	90	99	110	118	124	130	140	152	163	170
45°	100	110	121	131	140	148	159	171	183	194	202
42.5°	117	127	139	151	159	172	186	199	214	227	238
40°	136	146	163	175	186	200	221	239	257	273	284
37.5°	158	176	194	209	223	240	269	298	320	343	358
35°	185	206	229	245	266	299	335	374	413	445	473
32.5°	211	234	258	284	315	361	406	469	527	587	643
30°	234	260	289	322	374	437	511	607	711	815	933
27.5°	259	287	321	374	452	539	675	826	1041	1215	1494
25°	285	318	364	448	556	709	946	1215	1661	2042	2471
22.5°	317	367	433	538	718	993	1362	1949	2634	3269	3875
20°	357	424	536	704	963	1386	2085	2976	3927	4857	5757
17.5°	409	516	676	915	1282	2171	3211	4484	6113	7338	8498
15°	457	592	834	1220	1911	3056	4509	6458	8652	10497	12583
12.5°	514	677	968	1469	2457	3970	5822	8147	10743	13543	16812
10°	563	763	1139	1828	3026	4786	6862	9591	12926	16888	21019
7.5°	601	836	1281	2097	3505	5457	7933	11252	15476	20107	24818
5°	630	892	1393	2308	3913	6001	8714	12566	17380	22695	27380
2.5°	653	931	1467	2437	4188	6372	9249	13264	18546	24386	29304
0°	671	955	1508	2529	4316	6548	9496	13546	19092	25214	30272
-2.5°	677	968	1510	2497	4238	6538	9438	13373	18715	24885	30067
-5°	680	962	1472	2431	4100	6303	9060	12716	17565	23352	28603
-7.5°	675	936	1395	2268	3790	5889	8533	11742	15716	20818	26246
-10°	656	891	1290	2047	3363	5243	7711	10422	13597	17762	22161
-12.5°	624	824	1146	1716	2861	4512	6697	9094	11568	14306	17924
-15°	584	755	1028	1516	2395	3744	5514	7538	9591	11688	13895
-17.5°	554	695	907	1248	1839	2929	4345	5972	7638	9302	10788
-20°	516	624	790	1054	1484	2129	3193	4459	5704	7061	8201

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627084 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-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°	483	574	698	865	1154	1608	2215	3106	4052	5037	5973
-25°	451	520	618	752	925	1195	1595	2061	2725	3332	4026
-27.5°	424	482	548	647	778	926	1172	1444	1792	2081	2545
-30°	398	444	499	563	659	771	903	1068	1238	1409	1631
-32.5°	373	412	455	507	566	651	733	838	932	1034	1140
-35°	350	384	420	460	506	562	623	693	755	817	873
-37.5°	329	358	389	421	458	496	545	594	636	676	711
-40°	312	336	362	388	418	449	487	523	551	577	599
-42.5°	296	317	337	360	385	413	442	470	490	508	522
-45°	281	299	318	336	356	381	407	428	443	457	468
-47.5°	265	282	298	315	335	354	375	391	404	416	424
-50°	249	266	281	295	312	330	347	361	373	383	388
-52.5°	234	250	265	279	293	307	321	334	346	356	360
-55°	219	234	248	262	275	288	301	312	323	333	336
-57.5°	204	220	234	245	257	269	281	292	302	311	315
-60°	188	203	216	227	238	249	259	270	280	289	293
-62.5°	168	182	194	204	214	224	233	243	252	259	263
-65°	144	157	168	178	187	196	205	213	221	227	230
-67.5°	124	133	143	152	161	170	178	185	192	197	200
-70°	105	113	121	130	138	145	152	159	165	169	173
-72.5°	87	94	102	109	117	123	129	135	140	144	147
-75°	71	77	83	90	96	101	106	111	115	118	121
-77.5°	56	61	65	70	75	79	83	87	90	93	95
-80°	41	45	49	53	56	59	62	65	68	70	72
-82.5°	28	31	34	37	39	41	43	44	45	47	49
-85°	16	18	20	22	23	24	26	27	28	29	30
-87.5°	6	7	8	9	10	10	10	10	10	11	12
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627084 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	11	10	10	11	10	10	11	12	12	14	15
57.5°	49	53	55	55	55	53	49	45	40	38	38
55°	75	77	78	76	78	77	75	71	67	64	61
52.5°	96	97	96	95	96	97	96	95	92	87	80
50°	134	133	134	134	134	133	134	132	127	118	109
47.5°	172	174	175	174	175	174	172	170	163	152	140
45°	206	208	209	208	209	208	206	202	194	183	171
42.5°	242	243	244	245	244	243	242	238	227	214	199
40°	289	291	290	290	290	291	289	284	273	257	239
37.5°	369	375	377	384	377	375	369	358	343	320	298
35°	494	508	515	526	515	508	494	473	445	413	374
32.5°	683	710	725	740	725	710	683	643	587	527	469
30°	1015	1069	1091	1132	1091	1069	1015	933	815	711	607
27.5°	1699	1828	1879	1985	1879	1828	1699	1494	1215	1041	826
25°	2862	3140	3293	3414	3293	3140	2862	2471	2042	1661	1215
22.5°	4487	4894	5111	5272	5111	4894	4487	3875	3269	2634	1949
20°	6572	7109	7429	7662	7429	7109	6572	5757	4857	3927	2976
17.5°	9988	10832	11325	11749	11325	10832	9988	8498	7338	6113	4484
15°	14912	16607	17924	18658	17924	16607	14912	12583	10497	8652	6458
12.5°	19701	22184	23659	24337	23659	22184	19701	16812	13543	10743	8147
10°	24438	26779	28182	28430	28182	26779	24438	21019	16888	12926	9591
7.5°	28064	30638	32503	33181	32503	30638	28064	24818	20107	15476	11252
5°	31267	34281	36254	36505	36254	34281	31267	27380	22695	17380	12566
2.5°	33623	36900	38813	39471	38813	36900	33623	29304	24386	18546	13264
0°	34762	38292	40421	41379	40421	38292	34762	30272	25214	19092	13546
-2.5°	34522	38173	40549	41800	40549	38173	34522	30067	24885	18715	13373
-5°	33210	36871	39087	40416	39087	36871	33210	28603	23352	17565	12716
-7.5°	30183	33607	35966	37191	35966	33607	30183	26246	20818	15716	11742
-10°	26282	29180	31330	32375	31330	29180	26282	22161	17762	13597	10422
-12.5°	21214	24025	25964	26703	25964	24025	21214	17924	14306	11568	9094
-15°	16254	18399	19777	20213	19777	18399	16254	13895	11688	9591	7538
-17.5°	12326	13481	14256	14465	14256	13481	12326	10788	9302	7638	5972
-20°	9235	9950	10453	10572	10453	9950	9235	8201	7061	5704	4459

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REPORT NUMBER: P627084 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	6728	7267	7673	7754	7673	7267	6728	5973	5037	4052	3106
-25°	4641	5091	5367	5388	5367	5091	4641	4026	3332	2725	2061
-27.5°	2910	3157	3284	3329	3284	3157	2910	2545	2081	1792	1444
-30°	1798	1912	1972	1974	1972	1912	1798	1631	1409	1238	1068
-32.5°	1221	1276	1306	1305	1306	1276	1221	1140	1034	932	838
-35°	914	943	959	961	959	943	914	873	817	755	693
-37.5°	735	751	759	761	759	751	735	711	676	636	594
-40°	615	626	633	637	633	626	615	599	577	551	523
-42.5°	532	539	542	540	542	539	532	522	508	490	470
-45°	474	478	481	482	481	478	474	468	457	443	428
-47.5°	427	430	431	432	431	430	427	424	416	404	391
-50°	391	393	393	392	393	393	391	388	383	373	361
-52.5°	362	362	363	363	363	362	362	360	356	346	334
-55°	338	339	339	340	339	339	338	336	333	323	312
-57.5°	317	320	320	319	320	320	317	315	311	302	292
-60°	296	298	300	300	300	298	296	293	289	280	270
-62.5°	267	269	271	271	271	269	267	263	259	252	243
-65°	233	235	239	242	239	235	233	230	227	221	213
-67.5°	202	204	207	211	207	204	202	200	197	192	185
-70°	176	178	179	179	179	178	176	173	169	165	159
-72.5°	150	152	153	153	153	152	150	147	144	140	135
-75°	123	126	126	126	126	126	123	121	118	115	111
-77.5°	98	99	100	100	100	99	98	95	93	90	87
-80°	74	76	75	74	75	76	74	72	70	68	65
-82.5°	51	52	51	50	51	52	51	49	47	45	44
-85°	31	31	30	29	30	31	31	30	29	28	27
-87.5°	12	13	12	11	12	13	12	12	11	10	10
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627084 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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	0	0	0	0	0	0	0	0	0	0
62.5°	3	3	3	3	2	1	1	1	1	0	1
60°	13	9	12	12	10	7	7	5	2	2	2
57.5°	38	37	31	28	27	23	18	15	12	8	5
55°	58	54	49	44	38	36	32	28	23	18	13
52.5°	73	71	67	60	54	50	44	40	35	30	23
50°	102	96	90	83	76	69	63	54	47	42	36
47.5°	130	124	118	110	99	90	82	73	63	53	47
45°	159	148	140	131	121	110	100	90	79	68	58
42.5°	186	172	159	151	139	127	117	107	95	82	71
40°	221	200	186	175	163	146	136	124	111	97	85
37.5°	269	240	223	209	194	176	158	144	130	114	100
35°	335	299	266	245	229	206	185	167	150	133	116
32.5°	406	361	315	284	258	234	211	191	170	151	133
30°	511	437	374	322	289	260	234	211	189	168	150
27.5°	675	539	452	374	321	287	259	231	206	184	164
25°	946	709	556	448	364	318	285	253	224	199	179
22.5°	1362	993	718	538	433	367	317	276	242	218	194
20°	2085	1386	963	704	536	424	357	306	268	237	210
17.5°	3211	2171	1282	915	676	516	409	341	294	256	226
15°	4509	3056	1911	1220	834	592	457	375	321	277	242
12.5°	5822	3970	2457	1469	968	677	514	415	348	295	254
10°	6862	4786	3026	1828	1139	763	563	445	367	310	266
7.5°	7933	5457	3505	2097	1281	836	601	469	382	322	275
5°	8714	6001	3913	2308	1393	892	630	489	395	332	283
2.5°	9249	6372	4188	2437	1467	931	653	504	406	338	289
0°	9496	6548	4316	2529	1508	955	671	513	416	342	292
-2.5°	9438	6538	4238	2497	1510	968	677	516	419	347	295
-5°	9060	6303	4100	2431	1472	962	680	517	419	349	297
-7.5°	8533	5889	3790	2268	1395	936	675	516	418	350	298
-10°	7711	5243	3363	2047	1290	891	656	508	414	348	297
-12.5°	6697	4512	2861	1716	1146	824	624	492	406	343	295
-15°	5514	3744	2395	1516	1028	755	584	470	396	336	290
-17.5°	4345	2929	1839	1248	907	695	554	455	384	328	286
-20°	3193	2129	1484	1054	790	624	516	435	371	322	282

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REPORT NUMBER: P627084 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	2215	1608	1154	865	698	574	483	412	355	313	277
-25°	1595	1195	925	752	618	520	451	393	344	304	269
-27.5°	1172	926	778	647	548	482	424	373	331	294	262
-30°	903	771	659	563	499	444	398	355	317	283	255
-32.5°	733	651	566	507	455	412	373	337	302	273	245
-35°	623	562	506	460	420	384	350	318	289	262	235
-37.5°	545	496	458	421	389	358	329	302	276	249	225
-40°	487	449	418	388	362	336	312	287	262	236	214
-42.5°	442	413	385	360	337	317	296	273	249	225	205
-45°	407	381	356	336	318	299	281	259	236	216	196
-47.5°	375	354	335	315	298	282	265	245	225	206	185
-50°	347	330	312	295	281	266	249	232	213	193	175
-52.5°	321	307	293	279	265	250	234	217	198	181	166
-55°	301	288	275	262	248	234	219	202	186	171	154
-57.5°	281	269	257	245	234	220	204	189	173	157	141
-60°	259	249	238	227	216	203	188	172	158	143	127
-62.5°	233	224	214	204	194	182	168	154	141	128	114
-65°	205	196	187	178	168	157	144	134	124	113	101
-67.5°	178	170	161	152	143	133	124	115	106	96	85
-70°	152	145	138	130	121	113	105	97	88	79	71
-72.5°	129	123	117	109	102	94	87	80	72	65	57
-75°	106	101	96	90	83	77	71	65	59	53	47
-77.5°	83	79	75	70	65	61	56	51	46	41	36
-80°	62	59	56	53	49	45	41	37	34	30	26
-82.5°	43	41	39	37	34	31	28	25	23	20	17
-85°	26	24	23	22	20	18	16	15	13	11	10
-87.5°	10	10	10	9	8	7	6	6	5	4	4
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P627084 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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	1	1	1	0	1	1	0	0
55°	8	6	4	2	2	2	1	1	2	1	0
52.5°	17	11	8	4	2	3	2	1	2	2	1
50°	27	19	13	8	3	3	2	2	2	2	1
47.5°	40	29	20	14	8	4	3	2	2	3	2
45°	51	41	29	20	13	8	5	3	2	3	2
42.5°	61	52	40	26	19	12	7	4	3	3	3
40°	74	63	51	37	25	16	10	6	3	3	3
37.5°	87	74	62	47	32	22	14	9	4	3	3
35°	101	87	71	56	41	28	17	11	6	4	3
32.5°	114	98	81	65	49	34	21	14	9	5	3
30°	129	109	91	74	56	41	27	17	11	6	3
27.5°	143	119	99	82	64	47	33	21	13	7	4
25°	157	131	108	89	71	53	38	25	16	9	5
22.5°	170	143	117	96	79	59	44	29	19	11	5
20°	183	155	126	105	86	66	49	34	22	13	7
17.5°	196	166	138	114	94	73	54	38	25	14	8
15°	209	178	148	123	101	79	59	42	28	16	9
12.5°	220	188	158	131	108	84	63	45	30	17	10
10°	230	197	166	139	114	89	67	48	33	19	12
7.5°	238	205	173	146	120	93	71	51	36	20	13
5°	245	212	179	151	125	98	74	54	38	22	14
2.5°	250	216	183	155	129	102	77	56	40	23	15
0°	253	218	187	158	132	105	79	58	42	24	16
-2.5°	256	221	190	161	135	109	81	60	44	26	16
-5°	257	223	193	164	137	111	83	61	45	28	16
-7.5°	258	225	195	165	139	113	85	62	46	30	17
-10°	259	226	197	167	140	114	86	63	47	31	17
-12.5°	258	226	197	168	141	115	87	64	47	32	17
-15°	256	226	197	167	141	115	88	65	48	32	17
-17.5°	253	225	195	166	140	115	89	66	48	32	17
-20°	250	222	193	163	139	114	89	66	48	31	18

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REPORT NUMBER: P627084 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	246	218	189	161	137	113	88	65	47	31	19
-25°	241	213	185	159	135	112	87	63	46	30	19
-27.5°	235	207	181	156	133	110	85	62	45	29	20
-30°	227	201	177	153	129	106	81	60	44	29	20
-32.5°	219	196	172	148	125	103	77	57	42	29	20
-35°	211	189	167	143	121	98	74	54	40	28	19
-37.5°	203	182	159	137	116	93	72	53	39	28	19
-40°	194	174	151	131	110	88	69	52	37	27	18
-42.5°	186	165	144	125	105	85	66	50	36	26	17
-45°	176	156	138	118	99	81	63	47	35	25	17
-47.5°	166	149	130	111	94	76	60	45	33	24	16
-50°	158	141	122	104	88	72	56	42	31	23	15
-52.5°	149	130	113	96	81	66	51	38	29	21	14
-55°	137	120	103	89	75	60	46	36	27	19	13
-57.5°	125	108	94	81	67	54	42	32	24	17	12
-60°	112	98	86	72	59	47	38	29	22	15	11
-62.5°	101	88	75	63	52	42	33	26	19	14	9
-65°	88	76	65	54	45	36	29	23	17	12	8
-67.5°	74	64	55	46	38	31	25	20	15	11	8
-70°	62	53	45	38	32	26	22	17	13	10	7
-72.5°	51	44	37	30	26	22	18	14	11	8	6
-75°	41	35	29	25	21	18	15	12	9	7	5
-77.5°	32	27	23	20	17	14	11	9	7	5	4
-80°	23	20	18	15	13	10	8	6	5	4	3
-82.5°	15	14	12	11	9	7	5	4	3	3	2
-85°	9	8	7	6	5	4	3	2	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: P627084 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-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°	1	0	0	0	0	0	0
47.5°	1	1	0	0	0	0	0
45°	1	1	0	0	0	0	0
42.5°	2	1	0	0	0	0	0
40°	2	1	0	0	0	0	0
37.5°	2	2	0	0	0	0	0
35°	2	2	1	0	0	0	0
32.5°	3	2	1	0	0	0	0
30°	3	2	1	0	0	0	0
27.5°	3	2	1	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°	3	3	2	0	0	0	0
10°	4	3	2	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°	6	3	3	0	0	0	0
-5°	7	3	3	0	0	0	0
-7.5°	8	3	3	0	0	0	0
-10°	9	4	2	1	0	0	0
-12.5°	10	4	2	1	0	0	0
-15°	10	4	2	1	0	0	0
-17.5°	10	4	2	1	0	0	0
-20°	11	4	2	1	0	0	0

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Scaled Data Report



REPORT NUMBER: P627084 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-730-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

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