

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: EPHESUS

Report Number: P1306238 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-70-3S-CV2-A**

Issue Date: 2/3/2026

Test Information

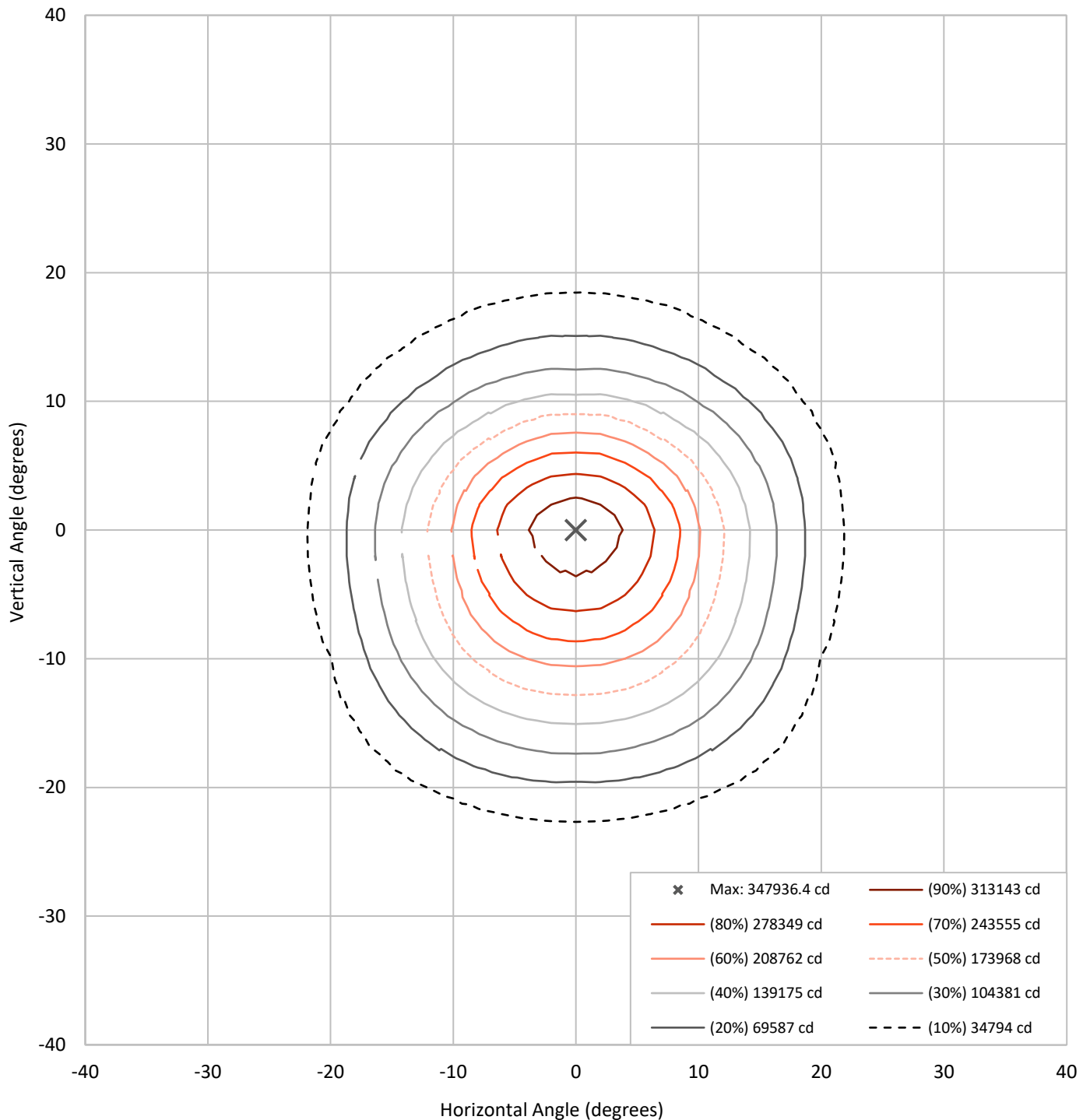
Test Method: LM-79-08
Report Number: P1306238 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-18)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-57-70-3S-CV2-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 3S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	68678.5 lumens	Max Intensity:	347936.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	124.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	24.2°H x 21.8°V	Field Angle (10%):	43.8°H x 40.9°V
Beam Lumens:	31119.2 lumens	Field Lumens:	58890.5 lumens
Beam Efficiency:	45.3%	Field Efficiency:	85.7%
Input Watts (W):	554		
Input Voltage (V):	NR		
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: EPH-08-530N-57-70-3S-CV2-A

Iso-Candela Plot





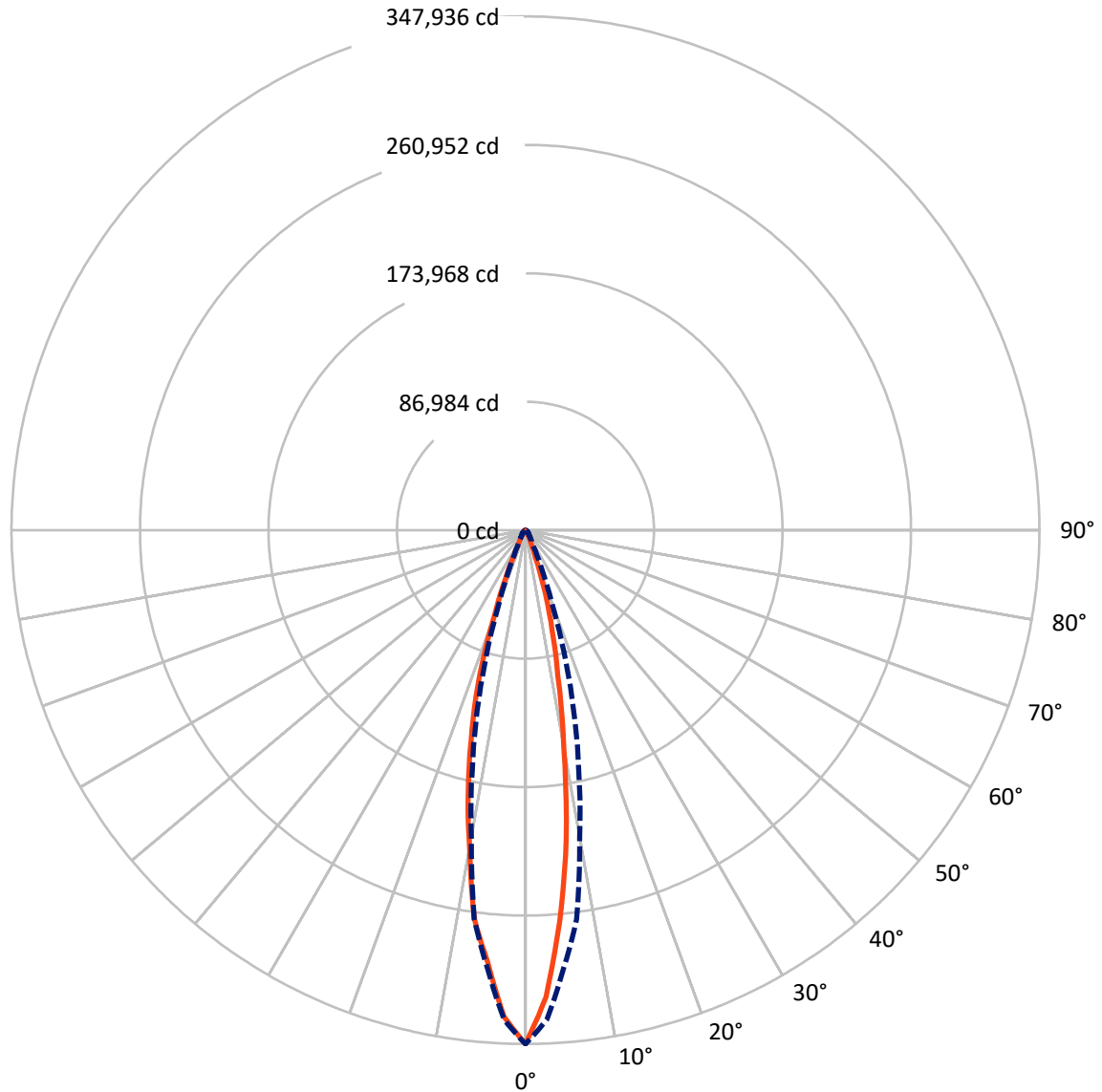
REPORT NUMBER: P1306238 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-3S-CV2-A

Lumen Table

90	0.2	0.5		0.7		0.6		0.5		0.6		0.7		0.5		0.2			
80	0.2	0.5		0.7		0.6		0.5		0.6		0.7		0.5		0.2			
70	0.2	0.1	0.2	0.5	0.7	0.4	0.3	0.3	0.3	0.3	0.4	0.7	0.5	0.2	0.1	0.2			
60		0.1	0.4	0.6	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.6	0.4	0.1				
50	0.2	0.2	0.4	0.5	0.6	0.9	1.1	1.3	1.3	1.1	0.9	0.6	0.5	0.4	0.2	0.2			
40		0.2	0.8	1.9	3.7	5.7	7.3	8.9	8.9	7.3	5.7	3.7	1.9	0.8	0.2				
30	0.3	0.4	2.8	9.1	23.9	41.2	94.4	197.2	197.2	94.4	41.2	23.9	9.1	2.8	0.4	0.3			
20		0.9	6.8	24.3	60.1	164.9	866.7	2034.9	2034.9	866.7	164.9	60.1	24.3	6.8	0.9				
10	0.4	1.8	11.9	45.6	110.1	496.4	2991.5	6843.5	6843.5	2991.5	496.4	110.1	45.6	11.9	1.8	0.4			
0		3.0	15.8	55.1	126.3	535.7	3452.3	7779.6	7779.6	3452.3	535.7	126.3	55.1	15.8	3.0				
-10	0.6	3.5	16.1	52.4	116.0	312.3	1765.2	3864.9	3864.9	1765.2	312.3	116.0	52.4	16.1	3.5	0.6			
-20		3.3	13.4	34.2	79.9	140.9	323.7	659.4	659.4	323.7	140.9	79.9	34.2	13.4	3.3				
-30	0.5	2.8	9.7	21.0	46.4	82.9	114.6	138.7	138.7	114.6	82.9	46.4	21.0	9.7	2.8	0.5			
-40		1.9	6.8	14.7	26.6	45.7	74.3	96.7	96.7	74.3	45.7	26.6	14.7	6.8	1.9				
-50	0.3	1.0	4.2	9.7	17.4	26.2	34.1	39.2	39.2	34.1	26.2	17.4	9.7	4.2	1.0	0.3			
-60		0.3	1.6	4.9	9.8	15.7	21.6	25.2	25.2	21.6	15.7	9.8	4.9	1.6	0.3				
-70	0.2	0.9		3.4		9.5		13.6		9.5		3.4		0.9		0.2			
-80		0.9		3.4		9.5		13.6		9.5		3.4		0.9					
-90	0.2	0.9		3.4		9.5		13.6		9.5		3.4		0.9		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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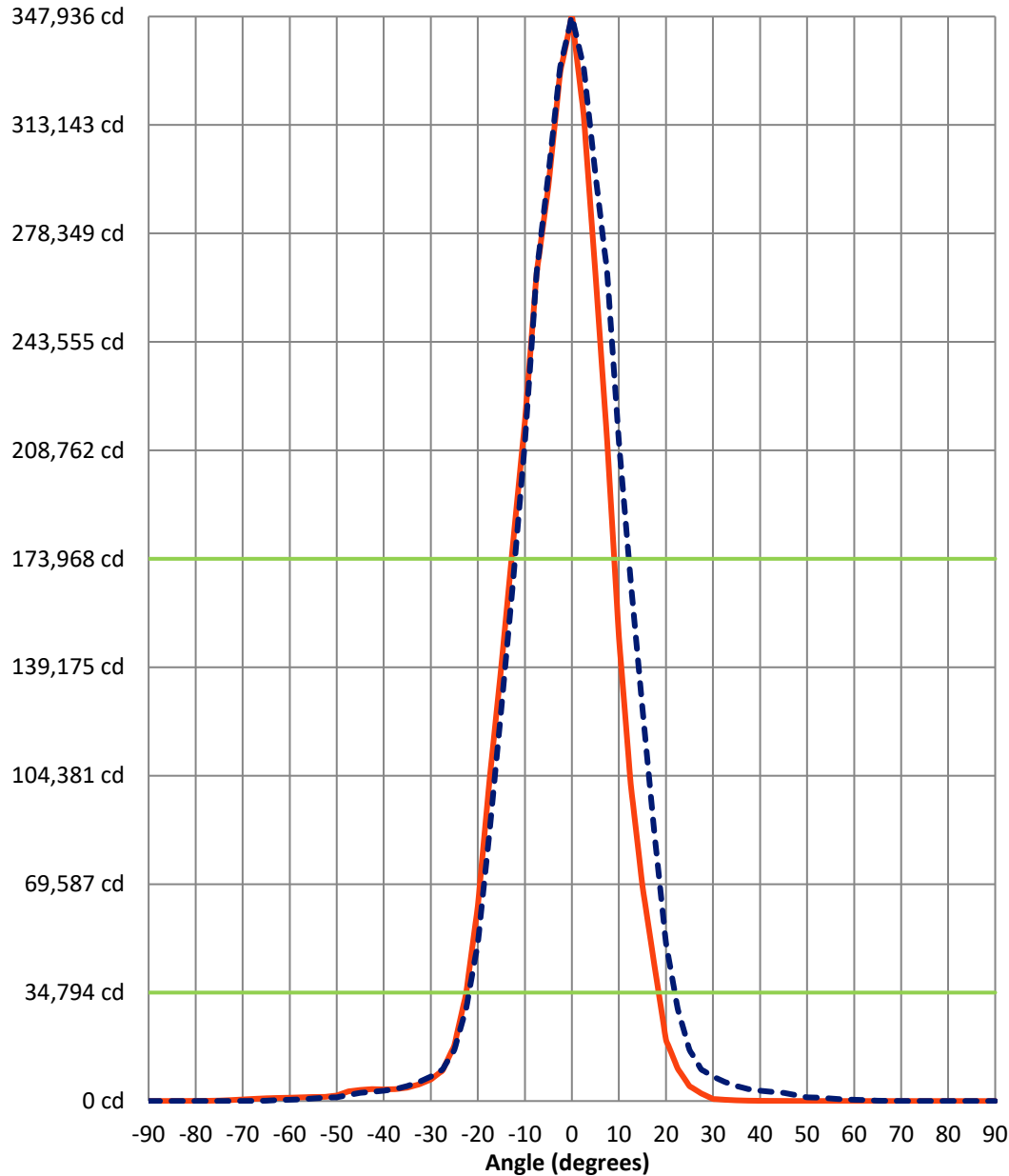
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
H Angle: 24.2°
V Angle: 21.8°
Lumens: 31119.2
Efficiency: 45.3%

Field:
H Angle: 43.8°
V Angle: 40.9°
Lumens: 58890.5
Efficiency: 85.7%

Spill:
Lumens: 9788
Efficiency: 14.3%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-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°	9	9	9	9	9	9	9	9	10	10	11
87.5°	9	9	9	9	9	9	9	9	9	9	9
85°	9	9	9	9	9	9	9	9	9	9	9
82.5°	9	9	9	10	9	9	9	9	9	9	9
80°	9	9	10	10	10	9	9	9	9	9	9
77.5°	9	9	10	10	10	10	10	10	10	9	9
75°	9	9	10	10	10	10	10	10	10	10	9
72.5°	9	9	10	10	10	10	10	10	10	10	9
70°	9	9	10	10	10	10	11	10	10	10	9
67.5°	9	9	10	10	10	11	11	10	10	10	9
65°	9	9	10	10	10	11	11	11	10	10	10
62.5°	9	9	10	11	11	11	11	11	10	10	10
60°	9	9	10	11	11	11	11	11	10	10	11
57.5°	9	9	10	11	11	11	11	11	10	11	11
55°	9	9	10	11	11	11	11	11	11	11	11
52.5°	9	9	10	11	11	11	11	11	11	11	11
50°	9	9	10	11	11	11	11	11	11	11	12
47.5°	9	9	10	11	11	11	11	11	11	11	12
45°	9	9	10	11	11	11	11	11	11	11	13
42.5°	9	9	10	11	11	11	11	11	11	12	14
40°	9	9	10	11	11	11	11	11	11	12	14
37.5°	9	9	10	11	11	11	11	11	12	13	14
35°	9	9	10	11	11	11	12	12	12	14	14
32.5°	9	9	10	11	11	11	12	12	13	14	16
30°	9	9	10	11	11	11	12	12	13	15	17
27.5°	9	9	10	11	11	11	12	12	14	16	19
25°	9	9	11	11	11	12	12	13	15	18	22
22.5°	9	9	11	11	11	12	12	13	15	20	27
20°	9	9	11	11	11	12	12	13	16	22	31
17.5°	9	9	11	11	11	12	13	14	17	24	36
15°	9	9	11	11	11	12	13	14	18	26	40
12.5°	9	9	11	11	11	12	13	14	20	28	44
10°	9	9	11	11	11	12	13	15	22	32	51
7.5°	9	9	11	11	11	12	14	15	24	37	65
5°	9	9	11	11	11	12	14	15	26	41	80
2.5°	9	9	11	11	11	12	14	16	28	46	95
0°	9	9	11	11	11	13	14	16	30	50	109
-2.5°	9	9	11	11	11	12	16	21	40	67	133
-5°	9	9	11	11	11	12	17	27	50	82	155
-7.5°	9	9	11	11	11	12	18	31	59	97	175
-10°	9	9	11	11	11	12	19	36	67	111	192
-12.5°	9	9	11	11	11	12	20	39	74	122	205
-15°	9	9	11	11	11	12	21	42	80	132	213
-17.5°	9	9	11	11	11	12	21	45	86	140	219
-20°	9	9	10	11	11	12	21	47	90	146	223



REPORT NUMBER: P1306238 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	9	9	10	11	11	12	22	48	92	151	224
-25°	9	9	10	11	11	12	22	48	93	154	222
-27.5°	9	9	10	11	11	12	21	47	92	154	224
-30°	9	9	10	11	11	12	20	44	90	153	224
-32.5°	9	9	10	11	11	12	18	42	87	149	221
-35°	9	9	10	11	11	12	17	40	82	142	216
-37.5°	9	9	10	11	11	12	17	37	75	132	200
-40°	9	9	10	11	11	12	17	32	66	122	182
-42.5°	9	9	10	11	11	12	16	27	58	107	162
-45°	9	9	10	11	11	12	15	23	51	91	142
-47.5°	9	9	10	11	11	13	14	21	42	74	122
-50°	9	9	9	11	11	13	14	20	31	62	101
-52.5°	9	9	9	11	11	13	14	18	26	48	80
-55°	9	9	9	10	11	12	14	16	23	34	63
-57.5°	9	9	9	10	11	12	14	16	20	28	46
-60°	9	9	9	10	11	12	14	15	17	24	33
-62.5°	9	9	9	10	11	12	13	15	17	20	28
-65°	9	9	9	10	11	12	13	14	16	18	22
-67.5°	9	9	9	10	11	12	13	14	15	17	19
-70°	9	9	9	9	10	11	12	13	14	15	17
-72.5°	9	9	9	9	10	11	12	13	13	14	16
-75°	9	9	9	9	10	11	12	12	13	13	14
-77.5°	9	9	9	9	10	10	11	12	12	12	13
-80°	9	9	9	9	10	10	11	11	11	12	12
-82.5°	9	9	9	9	9	10	10	11	11	11	11
-85°	9	9	9	9	9	10	10	10	10	11	11
-87.5°	9	9	9	9	9	9	9	10	10	10	11
-90°	9	9	9	9	9	9	9	9	9	9	9



REPORT NUMBER: P1306238 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	10	10	9	9	9	9	9	9	9	8	8
87.5°	9	8	8	7	7	7	7	7	7	6	6
85°	9	8	8	7	7	7	7	7	7	6	6
82.5°	9	9	8	9	8	8	8	7	7	6	6
80°	9	9	9	9	9	8	8	7	7	6	6
77.5°	9	9	9	9	9	8	8	7	7	6	6
75°	9	9	9	9	9	8	8	8	8	8	7
72.5°	9	9	9	9	9	9	9	9	9	9	9
70°	9	9	9	9	9	9	10	11	12	13	15
67.5°	9	9	10	9	10	11	12	16	22	25	26
65°	10	10	10	10	11	14	19	26	34	36	35
62.5°	11	10	11	12	14	19	26	34	43	41	36
60°	11	11	12	15	18	25	33	37	40	40	33
57.5°	11	12	14	18	23	29	31	33	35	36	28
55°	11	13	16	22	26	25	26	28	29	27	20
52.5°	12	15	19	24	24	22	21	22	21	18	15
50°	13	17	21	24	23	20	17	18	17	15	13
47.5°	15	18	23	24	22	20	17	17	16	17	16
45°	16	19	24	24	22	21	20	18	20	21	21
42.5°	17	20	24	23	24	25	25	26	27	30	31
40°	17	21	25	28	28	31	34	37	38	41	44
37.5°	17	23	29	35	35	40	45	55	58	54	61
35°	17	26	38	48	49	51	66	80	89	81	89
32.5°	19	30	51	64	74	76	91	121	136	138	139
30°	24	41	66	84	106	123	137	172	197	258	308
27.5°	29	55	85	113	146	178	211	239	319	435	564
25°	35	76	105	149	199	246	291	328	485	722	880
22.5°	46	100	135	189	257	320	374	473	692	1043	1214
20°	64	125	171	237	323	396	460	625	945	1274	1486
17.5°	84	151	211	298	407	488	553	773	1190	1504	1720
15°	105	179	250	364	500	600	733	1002	1406	1730	1995
12.5°	126	206	289	434	598	713	952	1342	1703	1985	2381
10°	147	234	326	505	700	826	1192	1678	2027	2317	2773
7.5°	189	272	366	576	803	938	1445	2006	2330	2626	3106
5°	233	322	428	665	904	1040	1679	2317	2615	2912	3388
2.5°	277	370	488	751	1000	1122	1819	2491	2799	3135	3628
0°	317	416	545	829	1087	1198	1933	2637	2954	3321	3839
-2.5°	350	460	598	874	1118	1242	1956	2691	3034	3427	3940
-5°	377	502	647	911	1141	1281	1952	2710	3101	3508	4032
-7.5°	398	539	692	938	1153	1299	1946	2735	3175	3563	4107
-10°	410	555	701	934	1150	1303	1903	2720	3235	3602	4130
-12.5°	397	550	699	922	1142	1302	1811	2661	3283	3630	4086
-15°	383	542	689	902	1130	1297	1663	2556	3259	3530	3956
-17.5°	367	531	672	874	1113	1286	1447	2291	3013	3361	3816
-20°	351	516	647	838	1090	1237	1346	1955	2661	3151	3571



REPORT NUMBER: P1306238 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	335	499	619	804	1006	1155	1271	1613	2296	2892	3205
-25°	326	473	596	743	916	1071	1184	1305	1915	2488	2882
-27.5°	322	450	563	681	831	982	1090	1205	1540	2081	2554
-30°	315	419	527	625	759	890	995	1114	1248	1686	2122
-32.5°	297	387	490	585	691	806	922	1038	1154	1313	1713
-35°	277	360	453	543	628	738	854	968	1066	1168	1389
-37.5°	260	332	417	502	582	676	783	894	994	1086	1212
-40°	242	301	382	463	538	619	714	814	918	1025	1124
-42.5°	222	278	347	424	495	569	646	738	840	953	1055
-45°	199	255	311	382	450	518	590	663	763	864	972
-47.5°	174	229	283	340	404	467	533	607	686	779	873
-50°	149	201	253	305	360	417	475	550	625	698	779
-52.5°	124	172	222	272	321	372	427	494	564	632	699
-55°	98	142	189	236	283	329	383	442	503	568	631
-57.5°	75	111	154	199	243	288	341	392	447	504	561
-60°	55	82	117	158	201	246	298	348	396	441	494
-62.5°	36	58	84	115	154	198	245	295	348	390	432
-65°	30	37	54	79	105	143	185	231	278	319	363
-67.5°	23	30	36	45	67	92	119	157	198	233	268
-70°	20	23	28	34	39	49	71	95	118	140	169
-72.5°	18	20	23	26	31	35	40	46	59	76	92
-75°	16	17	20	22	25	27	30	34	38	42	46
-77.5°	14	15	17	19	20	22	24	26	28	30	32
-80°	13	13	14	16	17	17	19	20	21	22	23
-82.5°	12	12	13	13	13	13	13	14	14	15	16
-85°	11	11	11	11	11	11	11	11	11	11	11
-87.5°	10	10	10	10	10	10	10	10	10	9	9
-90°	9	8	8	7	7	7	7	7	7	6	6



REPORT NUMBER: P1306238 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	7	7	7	7	7	8	8	9	9	10	12
87.5°	5	5	5	4	4	3	3	2	2	2	2
85°	5	5	5	4	4	3	3	2	2	2	2
82.5°	5	5	5	5	5	5	4	4	3	3	3
80°	5	5	5	5	5	5	5	4	4	3	3
77.5°	6	6	6	6	5	5	5	4	4	3	3
75°	7	7	7	6	6	5	5	4	4	4	4
72.5°	9	8	8	8	8	8	8	7	7	7	7
70°	16	17	17	16	15	13	12	11	9	9	9
67.5°	26	25	23	21	18	16	14	12	11	10	10
65°	33	27	23	20	18	16	14	12	10	9	9
62.5°	30	23	19	17	15	14	12	10	9	8	8
60°	26	19	14	13	11	9	8	8	7	7	7
57.5°	20	14	11	10	9	8	7	8	7	7	7
55°	15	12	11	10	10	9	9	9	9	8	9
52.5°	12	12	12	12	12	11	11	11	11	11	12
50°	13	14	14	14	13	13	12	13	14	14	15
47.5°	16	16	17	16	16	17	16	17	19	21	22
45°	20	23	24	24	25	26	27	28	33	35	35
42.5°	31	34	37	39	39	45	52	57	57	56	57
40°	48	51	58	64	72	80	80	73	74	82	83
37.5°	71	81	96	112	116	111	114	120	125	133	142
35°	114	147	154	166	174	166	169	184	184	209	223
32.5°	202	253	269	258	279	292	252	302	312	338	370
30°	329	436	469	453	511	530	495	596	655	654	804
27.5°	625	679	740	835	847	879	1078	1232	1427	1612	1852
25°	957	987	1164	1281	1339	1549	1844	2085	2500	2887	3694
22.5°	1262	1375	1591	1778	1988	2327	2734	3181	4283	5640	7342
20°	1562	1710	1968	2304	2640	3101	3642	5057	7225	10512	14063
17.5°	1900	2043	2395	2869	3379	4070	5730	8435	13039	19468	25669
15°	2339	2585	2974	3675	4651	6280	8986	15657	24849	34846	45564
12.5°	2852	3258	3892	4798	6203	10051	16852	27563	41300	55341	72957
10°	3350	4027	4997	6425	9221	15286	25418	40877	61925	83634	103088
7.5°	3786	4683	5988	7989	12428	21193	35769	57311	83545	110372	136533
5°	4232	5298	6820	9161	14383	25469	44179	72355	104052	136544	170688
2.5°	4599	5815	7514	10132	15539	27767	49393	82834	119457	156655	199142
0°	4819	6135	7857	10163	16447	29577	50682	86543	125960	166859	211326
-2.5°	4826	6069	7690	10066	16252	29082	50771	86451	125611	165000	208882
-5°	4811	5917	7439	9720	15090	26501	46876	80849	119421	156698	196666
-7.5°	4788	5715	7083	9167	13602	23384	42390	73490	109882	144603	180382
-10°	4761	5507	6755	8693	12254	19678	34100	62423	95806	127847	157187
-12.5°	4738	5422	6491	8040	10615	16489	28789	51013	78048	105102	131093
-15°	4651	5309	6275	7554	9643	13751	21491	36853	59052	80424	101055
-17.5°	4472	5147	5756	6751	8258	10937	16008	25265	39518	56224	70780
-20°	4121	4584	5089	5934	7094	8504	10817	16091	22868	33766	41397



REPORT NUMBER: P1306238 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3600	3990	4414	4977	5793	6788	8022	9972	13509	17709	22351
-25°	3125	3405	3798	4282	4719	5368	6233	6989	8517	9752	12305
-27.5°	2765	2997	3354	3729	4051	4399	5001	5536	6279	6928	7966
-30°	2504	2743	3029	3314	3620	3914	4184	4589	5035	5458	6007
-32.5°	2183	2559	2766	3007	3279	3537	3742	3999	4244	4525	4826
-35°	1847	2258	2576	2761	2963	3210	3420	3595	3758	3932	4091
-37.5°	1451	1906	2268	2542	2726	2898	3124	3293	3400	3545	3653
-40°	1247	1429	1841	2213	2451	2722	2932	3111	3308	3461	3550
-42.5°	1148	1253	1363	1667	2039	2364	2635	2929	3192	3402	3596
-45°	1071	1146	1224	1325	1429	1734	2067	2411	2718	3005	3252
-47.5°	969	1056	1128	1191	1255	1349	1449	1588	1884	2183	2469
-50°	863	944	1022	1096	1156	1204	1241	1303	1392	1480	1567
-52.5°	764	839	910	982	1052	1114	1169	1213	1248	1279	1299
-55°	693	751	807	875	943	1005	1063	1117	1165	1210	1240
-57.5°	619	676	734	791	847	901	955	1008	1057	1102	1133
-60°	545	595	652	711	767	819	869	916	960	998	1023
-62.5°	476	523	572	626	682	737	787	835	880	917	941
-65°	406	446	488	532	577	624	672	721	770	810	836
-67.5°	305	345	386	429	468	504	538	574	610	640	663
-70°	199	228	257	286	318	351	382	412	439	461	478
-72.5°	107	122	137	160	182	203	225	245	264	278	289
-75°	50	56	68	80	90	100	111	120	128	135	139
-77.5°	35	38	41	44	47	51	55	59	63	67	71
-80°	25	26	28	30	31	33	36	38	41	43	46
-82.5°	17	18	19	20	21	22	23	25	26	28	30
-85°	11	12	12	13	13	14	15	16	18	19	20
-87.5°	9	9	9	9	9	10	11	11	12	14	15
-90°	5	5	5	4	4	3	3	2	2	1	1



REPORT NUMBER: P1306238 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	13	14	15	16	15	14	13	12	10	9	9
87.5°	2	2	1	0	1	2	2	2	2	2	2
85°	2	2	1	0	1	2	2	2	2	2	2
82.5°	2	2	2	2	2	2	2	3	3	3	4
80°	2	2	2	2	2	2	2	3	3	4	4
77.5°	2	2	2	2	2	2	2	3	3	4	4
75°	4	4	4	4	4	4	4	4	4	4	4
72.5°	7	7	7	7	7	7	7	7	7	7	7
70°	9	9	9	9	9	9	9	9	9	9	11
67.5°	11	11	11	11	11	11	11	10	10	11	12
65°	9	9	9	9	9	9	9	9	9	10	12
62.5°	8	9	9	9	9	9	8	8	8	9	10
60°	7	7	7	7	7	7	7	7	7	7	8
57.5°	7	7	8	9	8	7	7	7	7	7	8
55°	9	9	10	11	10	9	9	9	8	9	9
52.5°	12	12	12	13	12	12	12	12	11	11	11
50°	16	16	16	16	16	16	16	15	14	14	13
47.5°	23	23	23	23	23	23	23	22	21	19	17
45°	37	37	37	38	37	37	37	35	35	33	28
42.5°	59	60	60	59	60	60	59	57	56	57	57
40°	84	84	83	82	83	84	84	83	82	74	73
37.5°	146	141	132	127	132	141	146	142	133	125	120
35°	227	230	231	229	231	230	227	223	209	184	184
32.5°	379	397	403	414	403	397	379	370	338	312	302
30°	780	774	707	677	707	774	780	804	654	655	596
27.5°	2101	2343	2458	2449	2458	2343	2101	1852	1612	1427	1232
25°	4327	4716	4974	4805	4974	4716	4327	3694	2887	2500	2085
22.5°	8928	9775	10237	10403	10237	9775	8928	7342	5640	4283	3181
20°	17891	19491	20659	19684	20659	19491	17891	14063	10512	7225	5057
17.5°	33214	38191	42595	43971	42595	38191	33214	25669	19468	13039	8435
15°	55897	64304	69300	69009	69300	64304	55897	45564	34846	24849	15657
12.5°	86005	96378	103300	101761	103300	96378	86005	72957	55341	41300	27563
10°	122181	137893	149310	148784	149310	137893	122181	103088	83634	61925	40877
7.5°	159687	185482	207871	211638	207871	185482	159687	136533	110372	83545	57311
5°	208055	242053	264287	265558	264287	242053	208055	170688	136544	104052	72355
2.5°	247289	286291	305055	316423	305055	286291	247289	199142	156655	119457	82834
0°	265670	297377	331682	347936	331682	297377	265670	211326	166859	125960	86543
-2.5°	258129	292105	312689	329915	312689	292105	258129	208882	165000	125611	86451
-5°	241027	274691	291959	293570	291959	274691	241027	196666	156698	119421	80849
-7.5°	213106	241652	259781	265422	259781	241652	213106	180382	144603	109882	73490
-10°	183434	203963	215679	217926	215679	203963	183434	157187	127847	95806	62423
-12.5°	152585	169392	177477	179243	177477	169392	152585	131093	105102	78048	51013
-15°	118412	131059	138338	139605	138338	131059	118412	101055	80424	59052	36853
-17.5°	84520	94797	102171	103151	102171	94797	84520	70780	56224	39518	25265
-20°	51921	58913	63227	62594	63227	58913	51921	41397	33766	22868	16091



REPORT NUMBER: P1306238 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	27953	31722	33545	34487	33545	31722	27953	22351	17709	13509	9972
-25°	14776	16372	17191	17833	17191	16372	14776	12305	9752	8517	6989
-27.5°	8792	9341	9646	9813	9646	9341	8792	7966	6928	6279	5536
-30°	6445	6708	6847	6916	6847	6708	6445	6007	5458	5035	4589
-32.5°	5067	5224	5320	5354	5320	5224	5067	4826	4525	4244	3999
-35°	4204	4256	4275	4308	4275	4256	4204	4091	3932	3758	3595
-37.5°	3736	3785	3809	3828	3809	3785	3736	3653	3545	3400	3293
-40°	3591	3642	3695	3733	3695	3642	3591	3550	3461	3308	3111
-42.5°	3682	3766	3824	3832	3824	3766	3682	3596	3402	3192	2929
-45°	3392	3488	3540	3558	3540	3488	3392	3252	3005	2718	2411
-47.5°	2722	2941	3072	3101	3072	2941	2722	2469	2183	1884	1588
-50°	1652	1730	1773	1779	1773	1730	1652	1567	1480	1392	1303
-52.5°	1316	1330	1338	1343	1338	1330	1316	1299	1279	1248	1213
-55°	1267	1290	1303	1309	1303	1290	1267	1240	1210	1165	1117
-57.5°	1160	1183	1194	1197	1194	1183	1160	1133	1102	1057	1008
-60°	1045	1065	1071	1071	1071	1065	1045	1023	998	960	916
-62.5°	963	984	994	1000	994	984	963	941	917	880	835
-65°	858	878	886	888	886	878	858	836	810	770	721
-67.5°	684	703	708	708	708	703	684	663	640	610	574
-70°	493	505	507	505	507	505	493	478	461	439	412
-72.5°	298	305	308	308	308	305	298	289	278	264	245
-75°	143	145	147	149	147	145	143	139	135	128	120
-77.5°	75	78	80	81	80	78	75	71	67	63	59
-80°	48	50	50	50	50	50	48	46	43	41	38
-82.5°	32	34	34	34	34	34	32	30	28	26	25
-85°	22	23	24	25	24	23	22	20	19	18	16
-87.5°	17	18	18	18	18	18	17	15	14	12	11
-90°	0	0	0	0	0	0	0	1	1	2	2



REPORT NUMBER: P1306238 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	8	8	7	7	7	7	7	8	8	9	9
87.5°	3	3	4	4	5	5	5	6	6	7	7
85°	3	3	4	4	5	5	5	6	6	7	7
82.5°	4	5	5	5	5	5	5	6	6	7	7
80°	5	5	5	5	5	5	5	6	6	7	7
77.5°	5	5	5	6	6	6	6	6	6	7	7
75°	5	5	6	6	7	7	7	7	8	8	8
72.5°	8	8	8	8	8	8	9	9	9	9	9
70°	12	13	15	16	17	17	16	15	13	12	11
67.5°	14	16	18	21	23	25	26	26	25	22	16
65°	14	16	18	20	23	27	33	35	36	34	26
62.5°	12	14	15	17	19	23	30	36	41	43	34
60°	8	9	11	13	14	19	26	33	40	40	37
57.5°	7	8	9	10	11	14	20	28	36	35	33
55°	9	9	10	10	11	12	15	20	27	29	28
52.5°	11	11	12	12	12	12	12	15	18	21	22
50°	12	13	13	14	14	14	13	13	15	17	18
47.5°	16	17	16	16	17	16	16	16	17	16	17
45°	27	26	25	24	24	23	20	21	21	20	18
42.5°	52	45	39	39	37	34	31	31	30	27	26
40°	80	80	72	64	58	51	48	44	41	38	37
37.5°	114	111	116	112	96	81	71	61	54	58	55
35°	169	166	174	166	154	147	114	89	81	89	80
32.5°	252	292	279	258	269	253	202	139	138	136	121
30°	495	530	511	453	469	436	329	308	258	197	172
27.5°	1078	879	847	835	740	679	625	564	435	319	239
25°	1844	1549	1339	1281	1164	987	957	880	722	485	328
22.5°	2734	2327	1988	1778	1591	1375	1262	1214	1043	692	473
20°	3642	3101	2640	2304	1968	1710	1562	1486	1274	945	625
17.5°	5730	4070	3379	2869	2395	2043	1900	1720	1504	1190	773
15°	8986	6280	4651	3675	2974	2585	2339	1995	1730	1406	1002
12.5°	16852	10051	6203	4798	3892	3258	2852	2381	1985	1703	1342
10°	25418	15286	9221	6425	4997	4027	3350	2773	2317	2027	1678
7.5°	35769	21193	12428	7989	5988	4683	3786	3106	2626	2330	2006
5°	44179	25469	14383	9161	6820	5298	4232	3388	2912	2615	2317
2.5°	49393	27767	15539	10132	7514	5815	4599	3628	3135	2799	2491
0°	50682	29577	16447	10163	7857	6135	4819	3839	3321	2954	2637
-2.5°	50771	29082	16252	10066	7690	6069	4826	3940	3427	3034	2691
-5°	46876	26501	15090	9720	7439	5917	4811	4032	3508	3101	2710
-7.5°	42390	23384	13602	9167	7083	5715	4788	4107	3563	3175	2735
-10°	34100	19678	12254	8693	6755	5507	4761	4130	3602	3235	2720
-12.5°	28789	16489	10615	8040	6491	5422	4738	4086	3630	3283	2661
-15°	21491	13751	9643	7554	6275	5309	4651	3956	3530	3259	2556
-17.5°	16008	10937	8258	6751	5756	5147	4472	3816	3361	3013	2291
-20°	10817	8504	7094	5934	5089	4584	4121	3571	3151	2661	1955



REPORT NUMBER: P1306238 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8022	6788	5793	4977	4414	3990	3600	3205	2892	2296	1613
-25°	6233	5368	4719	4282	3798	3405	3125	2882	2488	1915	1305
-27.5°	5001	4399	4051	3729	3354	2997	2765	2554	2081	1540	1205
-30°	4184	3914	3620	3314	3029	2743	2504	2122	1686	1248	1114
-32.5°	3742	3537	3279	3007	2766	2559	2183	1713	1313	1154	1038
-35°	3420	3210	2963	2761	2576	2258	1847	1389	1168	1066	968
-37.5°	3124	2898	2726	2542	2268	1906	1451	1212	1086	994	894
-40°	2932	2722	2451	2213	1841	1429	1247	1124	1025	918	814
-42.5°	2635	2364	2039	1667	1363	1253	1148	1055	953	840	738
-45°	2067	1734	1429	1325	1224	1146	1071	972	864	763	663
-47.5°	1449	1349	1255	1191	1128	1056	969	873	779	686	607
-50°	1241	1204	1156	1096	1022	944	863	779	698	625	550
-52.5°	1169	1114	1052	982	910	839	764	699	632	564	494
-55°	1063	1005	943	875	807	751	693	631	568	503	442
-57.5°	955	901	847	791	734	676	619	561	504	447	392
-60°	869	819	767	711	652	595	545	494	441	396	348
-62.5°	787	737	682	626	572	523	476	432	390	348	295
-65°	672	624	577	532	488	446	406	363	319	278	231
-67.5°	538	504	468	429	386	345	305	268	233	198	157
-70°	382	351	318	286	257	228	199	169	140	118	95
-72.5°	225	203	182	160	137	122	107	92	76	59	46
-75°	111	100	90	80	68	56	50	46	42	38	34
-77.5°	55	51	47	44	41	38	35	32	30	28	26
-80°	36	33	31	30	28	26	25	23	22	21	20
-82.5°	23	22	21	20	19	18	17	16	15	14	14
-85°	15	14	13	13	12	12	11	11	11	11	11
-87.5°	11	10	9	9	9	9	9	9	9	10	10
-90°	3	3	4	4	5	5	5	6	6	7	7



REPORT NUMBER: P1306238 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	9	9	9	9	9	10	10	11	10	10	9
87.5°	7	7	7	7	8	8	9	9	9	9	9
85°	7	7	7	7	8	8	9	9	9	9	9
82.5°	8	8	8	9	8	9	9	9	9	9	9
80°	8	8	9	9	9	9	9	9	9	9	9
77.5°	8	8	9	9	9	9	9	9	9	10	10
75°	8	8	9	9	9	9	9	9	10	10	10
72.5°	9	9	9	9	9	9	9	9	10	10	10
70°	10	9	9	9	9	9	9	9	10	10	10
67.5°	12	11	10	9	10	9	9	9	10	10	10
65°	19	14	11	10	10	10	10	10	10	10	11
62.5°	26	19	14	12	11	10	11	10	10	10	11
60°	33	25	18	15	12	11	11	11	10	10	11
57.5°	31	29	23	18	14	12	11	11	11	10	11
55°	26	25	26	22	16	13	11	11	11	11	11
52.5°	21	22	24	24	19	15	12	11	11	11	11
50°	17	20	23	24	21	17	13	12	11	11	11
47.5°	17	20	22	24	23	18	15	12	11	11	11
45°	20	21	22	24	24	19	16	13	11	11	11
42.5°	25	25	24	23	24	20	17	14	12	11	11
40°	34	31	28	28	25	21	17	14	12	11	11
37.5°	45	40	35	35	29	23	17	14	13	12	11
35°	66	51	49	48	38	26	17	14	14	12	12
32.5°	91	76	74	64	51	30	19	16	14	13	12
30°	137	123	106	84	66	41	24	17	15	13	12
27.5°	211	178	146	113	85	55	29	19	16	14	12
25°	291	246	199	149	105	76	35	22	18	15	13
22.5°	374	320	257	189	135	100	46	27	20	15	13
20°	460	396	323	237	171	125	64	31	22	16	13
17.5°	553	488	407	298	211	151	84	36	24	17	14
15°	733	600	500	364	250	179	105	40	26	18	14
12.5°	952	713	598	434	289	206	126	44	28	20	14
10°	1192	826	700	505	326	234	147	51	32	22	15
7.5°	1445	938	803	576	366	272	189	65	37	24	15
5°	1679	1040	904	665	428	322	233	80	41	26	15
2.5°	1819	1122	1000	751	488	370	277	95	46	28	16
0°	1933	1198	1087	829	545	416	317	109	50	30	16
-2.5°	1956	1242	1118	874	598	460	350	133	67	40	21
-5°	1952	1281	1141	911	647	502	377	155	82	50	27
-7.5°	1946	1299	1153	938	692	539	398	175	97	59	31
-10°	1903	1303	1150	934	701	555	410	192	111	67	36
-12.5°	1811	1302	1142	922	699	550	397	205	122	74	39
-15°	1663	1297	1130	902	689	542	383	213	132	80	42
-17.5°	1447	1286	1113	874	672	531	367	219	140	86	45
-20°	1346	1237	1090	838	647	516	351	223	146	90	47



REPORT NUMBER: P1306238 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1271	1155	1006	804	619	499	335	224	151	92	48
-25°	1184	1071	916	743	596	473	326	222	154	93	48
-27.5°	1090	982	831	681	563	450	322	224	154	92	47
-30°	995	890	759	625	527	419	315	224	153	90	44
-32.5°	922	806	691	585	490	387	297	221	149	87	42
-35°	854	738	628	543	453	360	277	216	142	82	40
-37.5°	783	676	582	502	417	332	260	200	132	75	37
-40°	714	619	538	463	382	301	242	182	122	66	32
-42.5°	646	569	495	424	347	278	222	162	107	58	27
-45°	590	518	450	382	311	255	199	142	91	51	23
-47.5°	533	467	404	340	283	229	174	122	74	42	21
-50°	475	417	360	305	253	201	149	101	62	31	20
-52.5°	427	372	321	272	222	172	124	80	48	26	18
-55°	383	329	283	236	189	142	98	63	34	23	16
-57.5°	341	288	243	199	154	111	75	46	28	20	16
-60°	298	246	201	158	117	82	55	33	24	17	15
-62.5°	245	198	154	115	84	58	36	28	20	17	15
-65°	185	143	105	79	54	37	30	22	18	16	14
-67.5°	119	92	67	45	36	30	23	19	17	15	14
-70°	71	49	39	34	28	23	20	17	15	14	13
-72.5°	40	35	31	26	23	20	18	16	14	13	13
-75°	30	27	25	22	20	17	16	14	13	13	12
-77.5°	24	22	20	19	17	15	14	13	12	12	12
-80°	19	17	17	16	14	13	13	12	12	11	11
-82.5°	13	13	13	13	13	12	12	11	11	11	11
-85°	11	11	11	11	11	11	11	11	11	10	10
-87.5°	10	10	10	10	10	10	10	11	10	10	10
-90°	7	7	7	7	8	8	9	9	9	9	9



REPORT NUMBER: P1306238 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	9	9	9	9	9	9	9
87.5°	9	9	9	9	9	9	9
85°	9	9	9	9	9	9	9
82.5°	9	9	9	10	9	9	9
80°	9	9	10	10	10	9	9
77.5°	10	10	10	10	10	9	9
75°	10	10	10	10	10	9	9
72.5°	10	10	10	10	10	9	9
70°	11	10	10	10	10	9	9
67.5°	11	11	10	10	10	9	9
65°	11	11	10	10	10	9	9
62.5°	11	11	11	11	10	9	9
60°	11	11	11	11	10	9	9
57.5°	11	11	11	11	10	9	9
55°	11	11	11	11	10	9	9
52.5°	11	11	11	11	10	9	9
50°	11	11	11	11	10	9	9
47.5°	11	11	11	11	10	9	9
45°	11	11	11	11	10	9	9
42.5°	11	11	11	11	10	9	9
40°	11	11	11	11	10	9	9
37.5°	11	11	11	11	10	9	9
35°	12	11	11	11	10	9	9
32.5°	12	11	11	11	10	9	9
30°	12	11	11	11	10	9	9
27.5°	12	11	11	11	10	9	9
25°	12	12	11	11	11	9	9
22.5°	12	12	11	11	11	9	9
20°	12	12	11	11	11	9	9
17.5°	13	12	11	11	11	9	9
15°	13	12	11	11	11	9	9
12.5°	13	12	11	11	11	9	9
10°	13	12	11	11	11	9	9
7.5°	14	12	11	11	11	9	9
5°	14	12	11	11	11	9	9
2.5°	14	12	11	11	11	9	9
0°	14	13	11	11	11	9	9
-2.5°	16	12	11	11	11	9	9
-5°	17	12	11	11	11	9	9
-7.5°	18	12	11	11	11	9	9
-10°	19	12	11	11	11	9	9
-12.5°	20	12	11	11	11	9	9
-15°	21	12	11	11	11	9	9
-17.5°	21	12	11	11	11	9	9
-20°	21	12	11	11	10	9	9



REPORT NUMBER: P1306238 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-3S-CV2-A

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	22	12	11	11	10	9	9
-25°	22	12	11	11	10	9	9
-27.5°	21	12	11	11	10	9	9
-30°	20	12	11	11	10	9	9
-32.5°	18	12	11	11	10	9	9
-35°	17	12	11	11	10	9	9
-37.5°	17	12	11	11	10	9	9
-40°	17	12	11	11	10	9	9
-42.5°	16	12	11	11	10	9	9
-45°	15	12	11	11	10	9	9
-47.5°	14	13	11	11	10	9	9
-50°	14	13	11	11	9	9	9
-52.5°	14	13	11	11	9	9	9
-55°	14	12	11	10	9	9	9
-57.5°	14	12	11	10	9	9	9
-60°	14	12	11	10	9	9	9
-62.5°	13	12	11	10	9	9	9
-65°	13	12	11	10	9	9	9
-67.5°	13	12	11	10	9	9	9
-70°	12	11	10	9	9	9	9
-72.5°	12	11	10	9	9	9	9
-75°	12	11	10	9	9	9	9
-77.5°	11	10	10	9	9	9	9
-80°	11	10	10	9	9	9	9
-82.5°	10	10	9	9	9	9	9
-85°	10	10	9	9	9	9	9
-87.5°	9	9	9	9	9	9	9
-90°	9	9	9	9	9	9	9

(END OF REPORT)