

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: P640296 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-08PR-500PL-RGB-5S_BLUE ONLY**

Issue Date: 2/13/2023

Test Information

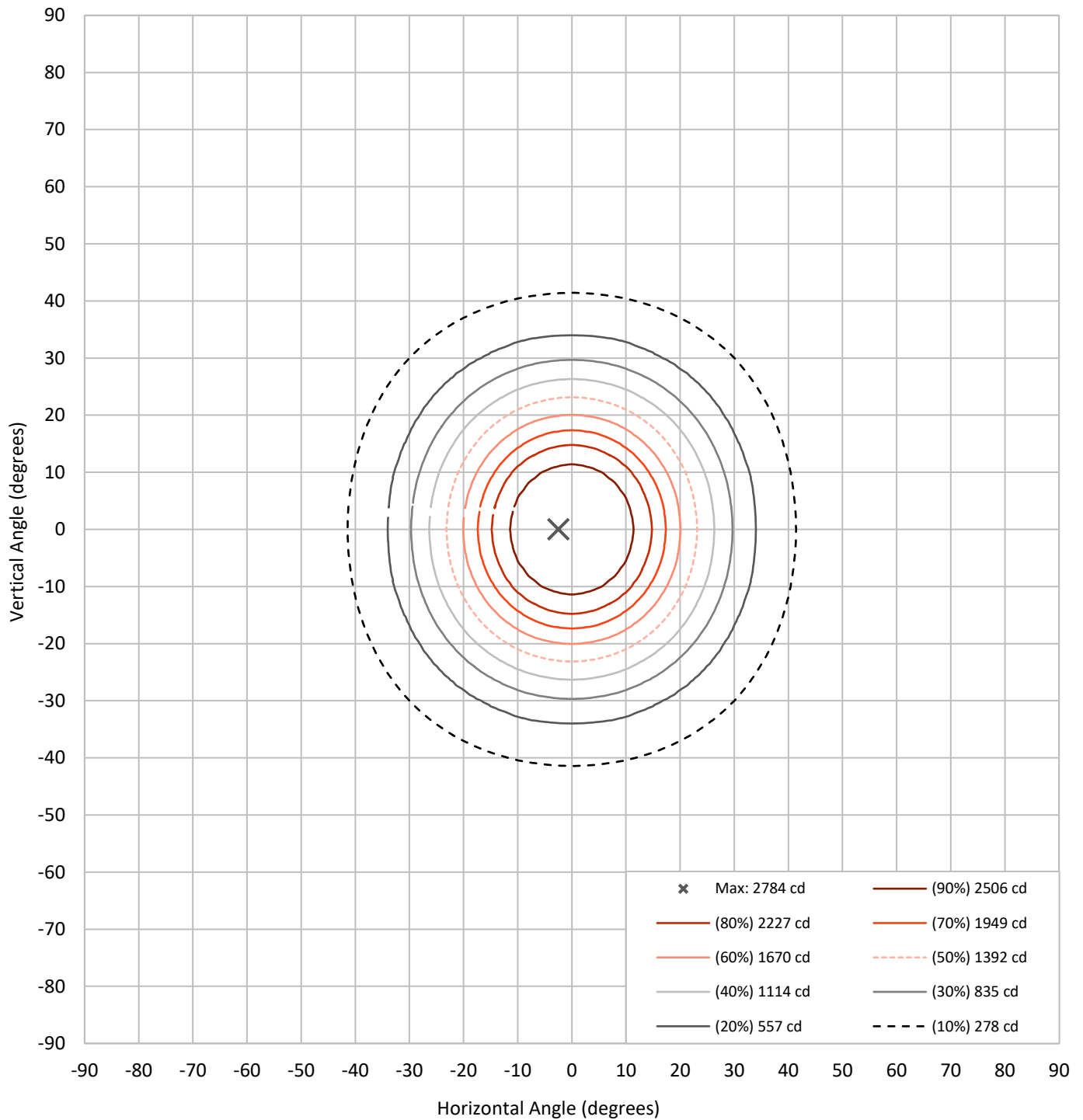
Test Method: LM-79-08
Report Number: P640296 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-885-15)
Test Lab: INNOVATION CENTER
Issue Date: 2/13/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-LS-08PR-500PL-RGB-5S_BLUE ONLY
Description: LUMASPORT 8 PRISM RGB
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	1932 lumens	Max Intensity:	2784 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	13.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	46.3°H x 46°V	Field Angle (10%):	82.9°H x 82.7°V
Beam Lumens:	1065.3 lumens	Field Lumens:	1775.5 lumens
Beam Efficiency:	55.1%	Field Efficiency:	91.9%
Input Watts (W):	140.9		
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		

REPORT NUMBER: P640296 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-5S_BLUE ONLY

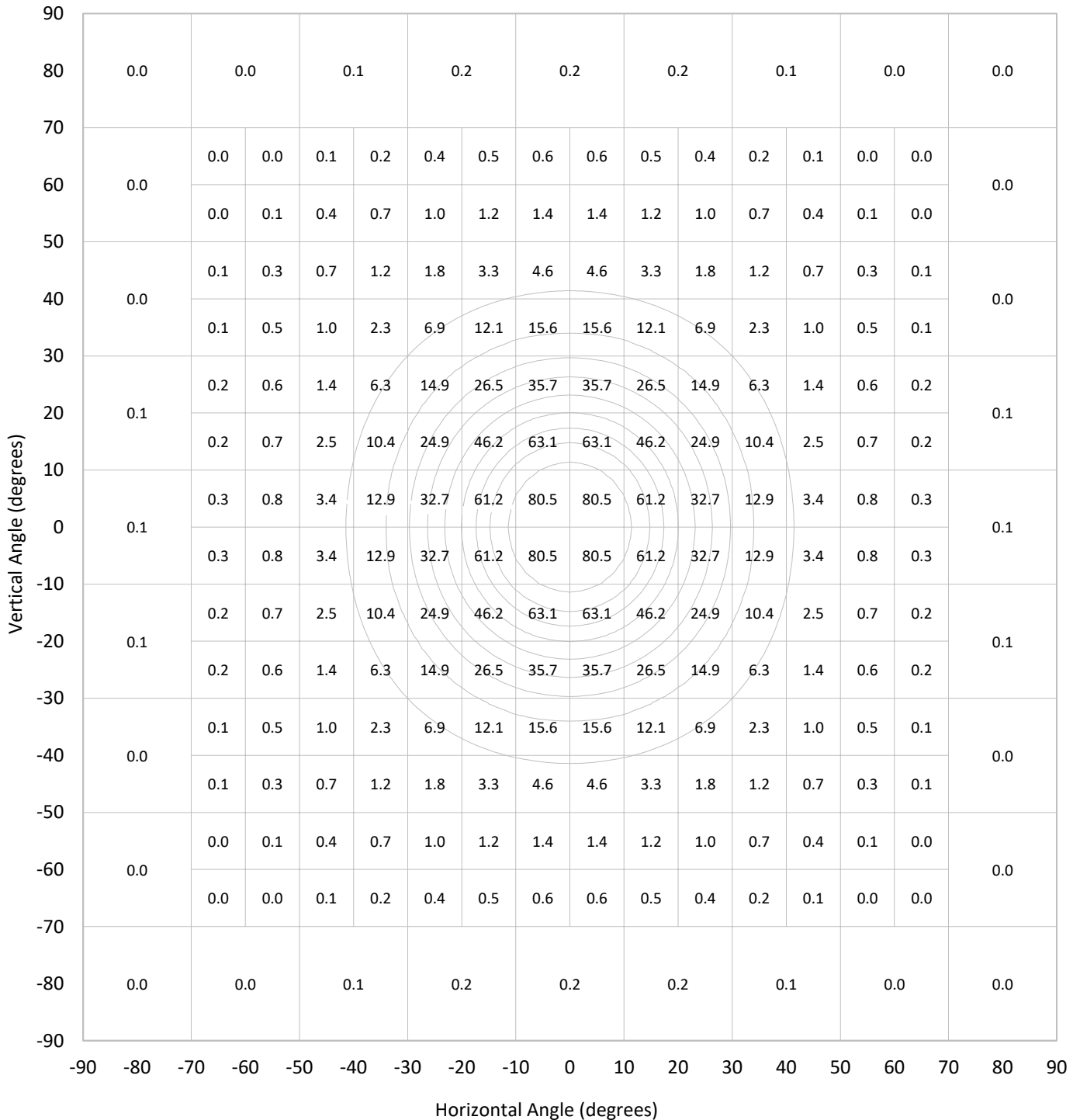
Iso-Candela Plot





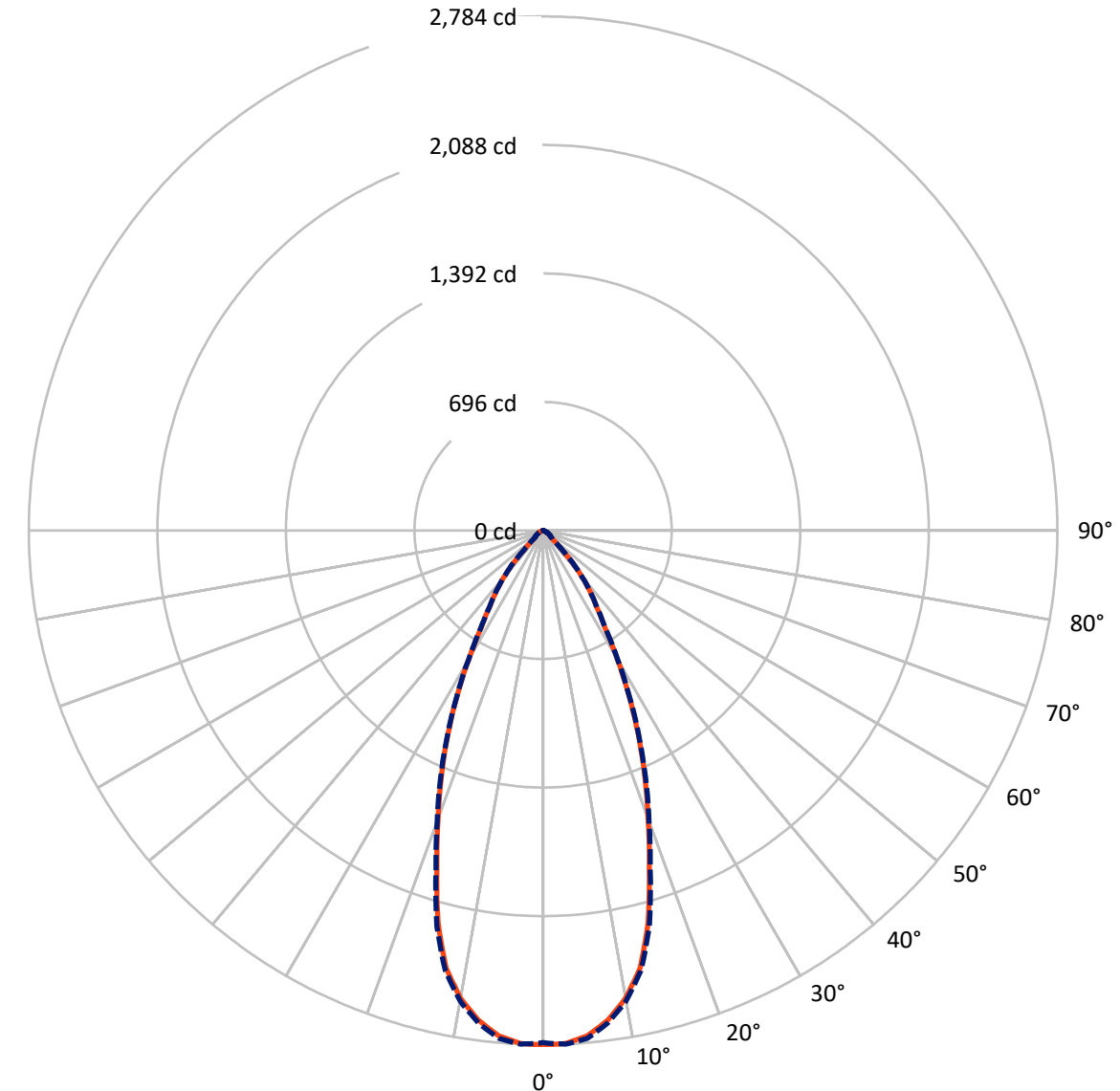
REPORT NUMBER: P640296 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-5S_BLUE ONLY

Lumen Table



REPORT NUMBER: P640296 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-5S_BLUE ONLY

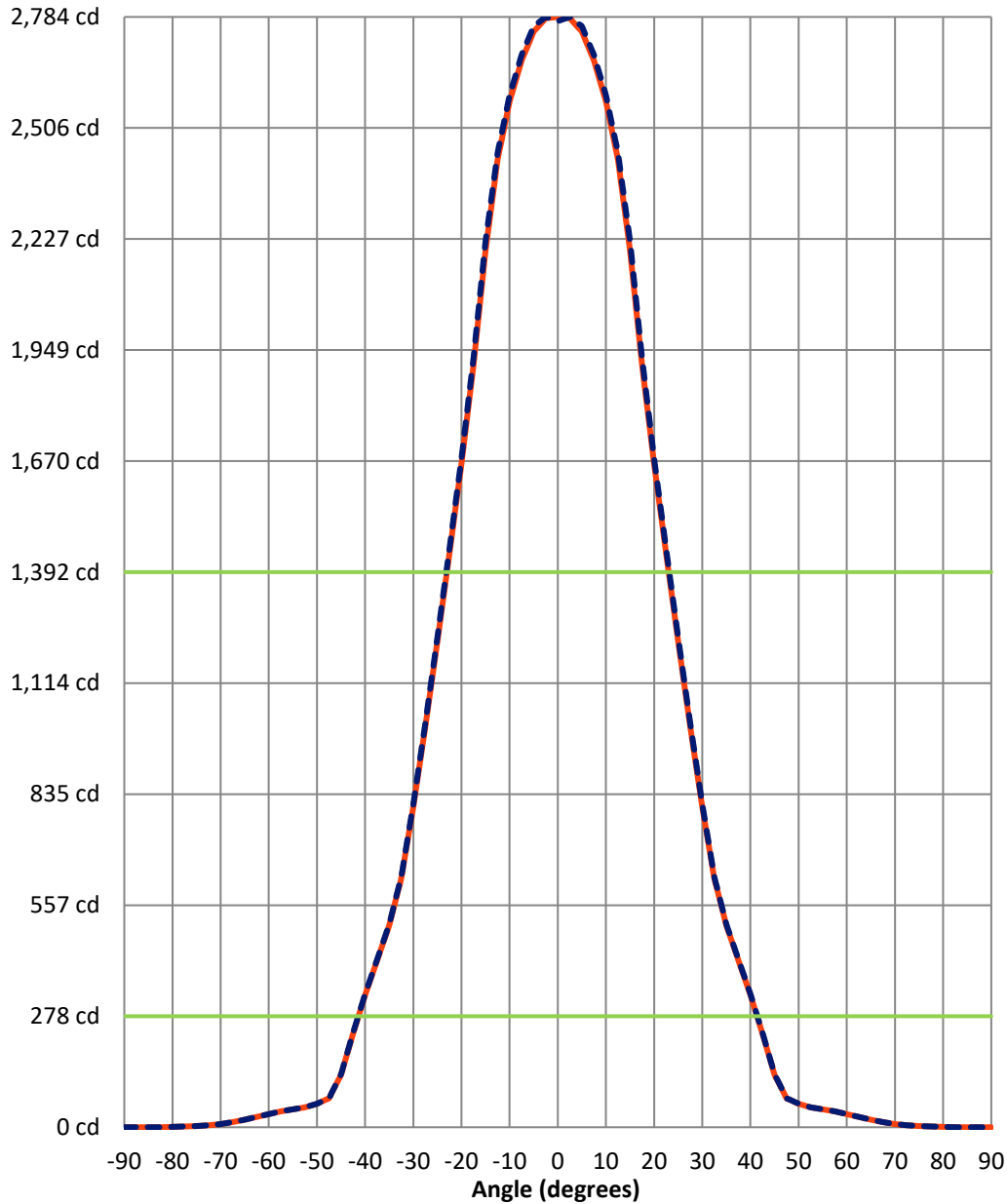
Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg - - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P640296 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-5S_BLUE ONLY

Luminous Intensity Plot



Beam:
 H Angle: 46.3°
 V Angle: 46°
 Lumens: 1065.3
 Efficiency: 55.1%

Field:
 H Angle: 82.9°
 V Angle: 82.7°
 Lumens: 1775.5
 Efficiency: 91.9%

Spill:
 Lumens: 156.5
 Efficiency: 8.1%

— Vertical Distribution through -2.5-Deg
 - - Horizontal Distribution through 0-Deg



REPORT NUMBER: P640296 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-5S_BLUE ONLY

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	1
65°	0	0	0	0	0	0	0	0	0	1	1
62.5°	0	0	0	0	0	0	0	0	1	1	2
60°	0	0	0	0	0	0	0	0	1	1	2
57.5°	0	0	0	0	0	0	0	1	1	2	2
55°	0	0	0	0	0	0	0	1	2	2	3
52.5°	0	0	0	0	0	0	1	1	2	2	3
50°	0	0	0	0	0	0	1	1	2	3	4
47.5°	0	0	0	0	0	0	1	2	2	3	4
45°	0	0	0	0	0	1	1	2	3	4	5
42.5°	0	0	0	0	0	1	1	2	3	4	6
40°	0	0	0	0	0	1	2	2	3	5	7
37.5°	0	0	0	0	0	1	2	3	4	5	8
35°	0	0	0	0	0	1	2	3	4	6	9
32.5°	0	0	0	0	0	1	2	3	4	7	10
30°	0	0	0	0	0	1	2	3	5	7	11
27.5°	0	0	0	0	1	1	2	3	5	8	12
25°	0	0	0	0	1	2	2	4	6	9	13
22.5°	0	0	0	0	1	2	3	4	6	9	14
20°	0	0	0	0	1	2	3	4	6	10	15
17.5°	0	0	0	0	1	2	3	4	7	11	16
15°	0	0	0	0	1	2	3	5	7	11	17
12.5°	0	0	0	0	1	2	3	5	7	12	17
10°	0	0	0	0	1	2	3	5	8	12	18
7.5°	0	0	0	0	1	2	3	5	8	13	18
5°	0	0	0	0	1	2	3	5	8	13	19
2.5°	0	0	0	0	1	2	3	5	8	13	19
0°	0	0	0	0	1	2	3	5	8	13	19
-2.5°	0	0	0	0	1	2	3	5	8	13	19
-5°	0	0	0	0	1	2	3	5	8	13	19
-7.5°	0	0	0	0	1	2	3	5	8	13	18
-10°	0	0	0	0	1	2	3	5	8	12	18
-12.5°	0	0	0	0	1	2	3	5	7	12	17
-15°	0	0	0	0	1	2	3	5	7	11	17
-17.5°	0	0	0	0	1	2	3	4	7	11	16
-20°	0	0	0	0	1	2	3	4	6	10	15



REPORT NUMBER: P640296 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-5S_BLUE ONLY

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	0	0	1	2	3	4	6	9	14
-25°	0	0	0	0	1	2	2	4	6	9	13
-27.5°	0	0	0	0	1	1	2	3	5	8	12
-30°	0	0	0	0	0	1	2	3	5	7	11
-32.5°	0	0	0	0	0	1	2	3	4	7	10
-35°	0	0	0	0	0	1	2	3	4	6	9
-37.5°	0	0	0	0	0	1	2	3	4	5	8
-40°	0	0	0	0	0	1	2	2	3	5	7
-42.5°	0	0	0	0	0	1	1	2	3	4	6
-45°	0	0	0	0	0	1	1	2	3	4	5
-47.5°	0	0	0	0	0	0	1	2	2	3	4
-50°	0	0	0	0	0	0	1	1	2	3	4
-52.5°	0	0	0	0	0	0	1	1	2	2	3
-55°	0	0	0	0	0	0	0	1	2	2	3
-57.5°	0	0	0	0	0	0	0	1	1	2	2
-60°	0	0	0	0	0	0	0	0	1	1	2
-62.5°	0	0	0	0	0	0	0	0	1	1	2
-65°	0	0	0	0	0	0	0	0	0	1	1
-67.5°	0	0	0	0	0	0	0	0	0	0	1
-70°	0	0	0	0	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P640296 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-5S_BLUE ONLY

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	1	1	1	1
75°	0	0	0	0	1	1	1	1	1	2	2
72.5°	0	0	1	1	1	1	2	2	2	2	3
70°	1	1	1	2	2	2	2	3	3	3	4
67.5°	1	1	2	2	2	3	3	4	4	5	5
65°	2	2	2	3	3	4	4	5	6	7	8
62.5°	2	2	3	3	4	5	6	7	8	9	11
60°	2	3	3	4	5	6	8	9	11	13	15
57.5°	3	3	4	6	7	8	11	13	15	17	20
55°	3	4	6	7	9	11	14	16	19	22	25
52.5°	4	5	7	9	12	14	17	20	24	27	30
50°	5	6	8	11	14	18	21	25	28	32	35
47.5°	6	8	11	14	17	21	25	29	33	36	40
45°	7	9	13	16	20	25	29	33	37	41	43
42.5°	8	11	15	19	24	28	33	37	41	44	47
40°	9	13	17	22	27	32	36	41	44	47	50
37.5°	11	15	20	25	30	35	40	43	47	50	55
35°	12	17	22	27	33	38	42	46	49	55	62
32.5°	14	19	24	30	35	41	44	48	53	60	70
30°	16	21	27	32	38	43	47	51	58	68	95
27.5°	17	23	29	35	40	45	49	55	64	80	126
25°	18	24	31	37	42	46	51	58	70	108	174
22.5°	20	26	32	39	43	48	54	63	83	135	222
20°	21	27	34	40	45	49	57	68	105	176	264
17.5°	22	29	35	41	46	51	60	72	125	214	302
15°	23	30	37	42	47	53	63	87	150	246	335
12.5°	24	31	38	43	48	55	66	101	176	272	360
10°	25	32	38	44	49	56	69	112	198	294	382
7.5°	25	32	39	44	49	58	70	121	215	311	399
5°	26	33	40	45	50	58	72	128	227	324	411
2.5°	26	33	40	45	50	59	73	132	235	331	418
0°	26	33	40	45	50	59	73	133	237	334	421
-2.5°	26	33	40	45	50	59	73	132	235	331	418
-5°	26	33	40	45	50	58	72	128	227	324	411
-7.5°	25	32	39	44	49	58	70	121	215	311	399
-10°	25	32	38	44	49	56	69	112	198	294	382
-12.5°	24	31	38	43	48	55	66	101	176	272	360
-15°	23	30	37	42	47	53	63	87	150	246	335
-17.5°	22	29	35	41	46	51	60	72	125	214	302
-20°	21	27	34	40	45	49	57	68	105	176	264



REPORT NUMBER: P640296 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-5S_BLUE ONLY

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	20	26	32	39	43	48	54	63	83	135	222
-25°	18	24	31	37	42	46	51	58	70	108	174
-27.5°	17	23	29	35	40	45	49	55	64	80	126
-30°	16	21	27	32	38	43	47	51	58	68	95
-32.5°	14	19	24	30	35	41	44	48	53	60	70
-35°	12	17	22	27	33	38	42	46	49	55	62
-37.5°	11	15	20	25	30	35	40	43	47	50	55
-40°	9	13	17	22	27	32	36	41	44	47	50
-42.5°	8	11	15	19	24	28	33	37	41	44	47
-45°	7	9	13	16	20	25	29	33	37	41	43
-47.5°	6	8	11	14	17	21	25	29	33	36	40
-50°	5	6	8	11	14	18	21	25	28	32	35
-52.5°	4	5	7	9	12	14	17	20	24	27	30
-55°	3	4	6	7	9	11	14	16	19	22	25
-57.5°	3	3	4	6	7	8	11	13	15	17	20
-60°	2	3	3	4	5	6	8	9	11	13	15
-62.5°	2	2	3	3	4	5	6	7	8	9	11
-65°	2	2	2	3	3	4	4	5	6	7	8
-67.5°	1	1	2	2	2	3	3	4	4	5	5
-70°	1	1	1	2	2	2	2	3	3	3	4
-72.5°	0	0	1	1	1	1	2	2	2	2	3
-75°	0	0	0	0	1	1	1	1	1	2	2
-77.5°	0	0	0	0	0	0	0	1	1	1	1
-80°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P640296 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-5S_BLUE ONLY

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	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	2	2	2	2	2	2	2
75°	2	2	2	2	2	3	3	3	3	3	3
72.5°	3	3	3	3	4	4	4	4	5	5	5
70°	4	4	5	5	6	6	6	7	7	7	8
67.5°	6	7	7	8	9	9	10	11	11	12	12
65°	9	10	11	12	13	14	15	16	17	17	18
62.5°	12	14	16	17	18	20	21	22	23	24	25
60°	17	19	21	23	24	26	27	29	30	31	32
57.5°	22	24	27	29	31	32	34	35	37	38	38
55°	27	30	32	35	37	39	40	41	42	43	44
52.5°	33	35	38	40	42	43	45	46	47	48	49
50°	38	41	43	45	46	48	49	51	53	55	56
47.5°	42	44	47	49	51	54	57	60	63	66	69
45°	46	48	51	55	58	63	68	72	87	101	112
42.5°	49	53	58	64	70	83	105	125	150	176	198
40°	55	60	68	80	108	135	176	214	246	272	294
37.5°	62	70	95	126	174	222	264	302	335	360	382
35°	71	102	141	200	254	302	345	382	414	442	466
32.5°	102	147	213	273	328	375	418	458	493	529	564
30°	141	213	279	341	393	443	490	541	593	644	702
27.5°	200	273	341	400	456	511	578	648	734	809	881
25°	254	328	393	456	520	597	693	796	899	991	1072
22.5°	302	375	443	511	597	708	830	954	1071	1178	1271
20°	345	418	490	578	693	830	973	1113	1244	1366	1471
17.5°	382	458	541	648	796	954	1113	1267	1415	1550	1670
15°	414	493	593	734	899	1071	1244	1415	1578	1734	1882
12.5°	442	529	644	809	991	1178	1366	1550	1734	1918	2109
10°	466	564	702	881	1072	1271	1471	1670	1882	2109	2311
7.5°	484	592	749	938	1139	1347	1558	1778	2019	2267	2444
5°	498	612	782	979	1188	1403	1623	1860	2129	2369	2527
2.5°	506	624	803	1004	1218	1438	1663	1911	2198	2425	2572
0°	509	628	810	1013	1228	1450	1677	1929	2222	2443	2588
-2.5°	506	624	803	1004	1218	1438	1663	1911	2198	2425	2572
-5°	498	612	782	979	1188	1403	1623	1860	2129	2369	2527
-7.5°	484	592	749	938	1139	1347	1558	1778	2019	2267	2444
-10°	466	564	702	881	1072	1271	1471	1670	1882	2109	2311
-12.5°	442	529	644	809	991	1178	1366	1550	1734	1918	2109
-15°	414	493	593	734	899	1071	1244	1415	1578	1734	1882
-17.5°	382	458	541	648	796	954	1113	1267	1415	1550	1670
-20°	345	418	490	578	693	830	973	1113	1244	1366	1471



REPORT NUMBER: P640296 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-5S_BLUE ONLY

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	302	375	443	511	597	708	830	954	1071	1178	1271
-25°	254	328	393	456	520	597	693	796	899	991	1072
-27.5°	200	273	341	400	456	511	578	648	734	809	881
-30°	141	213	279	341	393	443	490	541	593	644	702
-32.5°	102	147	213	273	328	375	418	458	493	529	564
-35°	71	102	141	200	254	302	345	382	414	442	466
-37.5°	62	70	95	126	174	222	264	302	335	360	382
-40°	55	60	68	80	108	135	176	214	246	272	294
-42.5°	49	53	58	64	70	83	105	125	150	176	198
-45°	46	48	51	55	58	63	68	72	87	101	112
-47.5°	42	44	47	49	51	54	57	60	63	66	69
-50°	38	41	43	45	46	48	49	51	53	55	56
-52.5°	33	35	38	40	42	43	45	46	47	48	49
-55°	27	30	32	35	37	39	40	41	42	43	44
-57.5°	22	24	27	29	31	32	34	35	37	38	38
-60°	17	19	21	23	24	26	27	29	30	31	32
-62.5°	12	14	16	17	18	20	21	22	23	24	25
-65°	9	10	11	12	13	14	15	16	17	17	18
-67.5°	6	7	7	8	9	9	10	11	11	12	12
-70°	4	4	5	5	6	6	6	7	7	7	8
-72.5°	3	3	3	3	4	4	4	4	5	5	5
-75°	2	2	2	2	2	3	3	3	3	3	3
-77.5°	1	1	1	1	2	2	2	2	2	2	2
-80°	0	0	0	1	1	1	1	1	1	1	1
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P640296 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-5S_BLUE ONLY

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°	1	1	1	1	1	1	1	1	1	1	1
77.5°	2	2	2	2	2	2	2	2	2	2	2
75°	3	3	3	3	3	3	3	3	3	3	3
72.5°	5	5	5	5	5	5	5	5	5	5	4
70°	8	8	8	8	8	8	8	8	7	7	7
67.5°	13	13	13	13	13	13	13	12	12	11	11
65°	18	19	19	19	19	19	18	18	17	17	16
62.5°	25	26	26	26	26	26	25	25	24	23	22
60°	32	33	33	33	33	33	32	32	31	30	29
57.5°	39	40	40	40	40	40	39	38	38	37	35
55°	44	45	45	45	45	45	44	44	43	42	41
52.5°	49	50	50	50	50	50	49	49	48	47	46
50°	58	58	59	59	59	58	58	56	55	53	51
47.5°	70	72	73	73	73	72	70	69	66	63	60
45°	121	128	132	133	132	128	121	112	101	87	72
42.5°	215	227	235	237	235	227	215	198	176	150	125
40°	311	324	331	334	331	324	311	294	272	246	214
37.5°	399	411	418	421	418	411	399	382	360	335	302
35°	484	498	506	509	506	498	484	466	442	414	382
32.5°	592	612	624	628	624	612	592	564	529	493	458
30°	749	782	803	810	803	782	749	702	644	593	541
27.5°	938	979	1004	1013	1004	979	938	881	809	734	648
25°	1139	1188	1218	1228	1218	1188	1139	1072	991	899	796
22.5°	1347	1403	1438	1450	1438	1403	1347	1271	1178	1071	954
20°	1558	1623	1663	1677	1663	1623	1558	1471	1366	1244	1113
17.5°	1778	1860	1911	1929	1911	1860	1778	1670	1550	1415	1267
15°	2019	2129	2198	2222	2198	2129	2019	1882	1734	1578	1415
12.5°	2267	2369	2425	2443	2425	2369	2267	2109	1918	1734	1550
10°	2444	2527	2572	2588	2572	2527	2444	2311	2109	1882	1670
7.5°	2557	2630	2675	2689	2675	2630	2557	2444	2267	2019	1778
5°	2630	2704	2747	2761	2747	2704	2630	2527	2369	2129	1860
2.5°	2675	2747	2781	2784	2781	2747	2675	2572	2425	2198	1911
0°	2689	2761	2784	2774	2784	2761	2689	2588	2443	2222	1929
-2.5°	2675	2747	2781	2784	2781	2747	2675	2572	2425	2198	1911
-5°	2630	2704	2747	2761	2747	2704	2630	2527	2369	2129	1860
-7.5°	2557	2630	2675	2689	2675	2630	2557	2444	2267	2019	1778
-10°	2444	2527	2572	2588	2572	2527	2444	2311	2109	1882	1670
-12.5°	2267	2369	2425	2443	2425	2369	2267	2109	1918	1734	1550
-15°	2019	2129	2198	2222	2198	2129	2019	1882	1734	1578	1415
-17.5°	1778	1860	1911	1929	1911	1860	1778	1670	1550	1415	1267
-20°	1558	1623	1663	1677	1663	1623	1558	1471	1366	1244	1113



REPORT NUMBER: P640296 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-5S_BLUE ONLY

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1347	1403	1438	1450	1438	1403	1347	1271	1178	1071	954
-25°	1139	1188	1218	1228	1218	1188	1139	1072	991	899	796
-27.5°	938	979	1004	1013	1004	979	938	881	809	734	648
-30°	749	782	803	810	803	782	749	702	644	593	541
-32.5°	592	612	624	628	624	612	592	564	529	493	458
-35°	484	498	506	509	506	498	484	466	442	414	382
-37.5°	399	411	418	421	418	411	399	382	360	335	302
-40°	311	324	331	334	331	324	311	294	272	246	214
-42.5°	215	227	235	237	235	227	215	198	176	150	125
-45°	121	128	132	133	132	128	121	112	101	87	72
-47.5°	70	72	73	73	73	72	70	69	66	63	60
-50°	58	58	59	59	59	58	58	56	55	53	51
-52.5°	49	50	50	50	50	49	49	49	48	47	46
-55°	44	45	45	45	45	44	44	44	43	42	41
-57.5°	39	40	40	40	40	39	38	38	38	37	35
-60°	32	33	33	33	33	32	32	32	31	30	29
-62.5°	25	26	26	26	26	25	25	25	24	23	22
-65°	18	19	19	19	19	18	18	18	17	17	16
-67.5°	13	13	13	13	13	13	13	12	12	11	11
-70°	8	8	8	8	8	8	8	8	7	7	7
-72.5°	5	5	5	5	5	5	5	5	5	5	4
-75°	3	3	3	3	3	3	3	3	3	3	3
-77.5°	2	2	2	2	2	2	2	2	2	2	2
-80°	1	1	1	1	1	1	1	1	1	1	1
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P640296 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-5S_BLUE ONLY

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°	1	1	1	1	0	0	0	0	0	0	0
77.5°	2	2	2	1	1	1	1	1	1	1	1
75°	3	3	2	2	2	2	2	2	2	1	1
72.5°	4	4	4	3	3	3	3	3	2	2	2
70°	6	6	6	5	5	4	4	4	3	3	3
67.5°	10	9	9	8	7	7	6	5	5	4	4
65°	15	14	13	12	11	10	9	8	7	6	5
62.5°	21	20	18	17	16	14	12	11	9	8	7
60°	27	26	24	23	21	19	17	15	13	11	9
57.5°	34	32	31	29	27	24	22	20	17	15	13
55°	40	39	37	35	32	30	27	25	22	19	16
52.5°	45	43	42	40	38	35	33	30	27	24	20
50°	49	48	46	45	43	41	38	35	32	28	25
47.5°	57	54	51	49	47	44	42	40	36	33	29
45°	68	63	58	55	51	48	46	43	41	37	33
42.5°	105	83	70	64	58	53	49	47	44	41	37
40°	176	135	108	80	68	60	55	50	47	44	41
37.5°	264	222	174	126	95	70	62	55	50	47	43
35°	345	302	254	200	141	102	71	62	55	49	46
32.5°	418	375	328	273	213	147	102	70	60	53	48
30°	490	443	393	341	279	213	141	95	68	58	51
27.5°	578	511	456	400	341	273	200	126	80	64	55
25°	693	597	520	456	393	328	254	174	108	70	58
22.5°	830	708	597	511	443	375	302	222	135	83	63
20°	973	830	693	578	490	418	345	264	176	105	68
17.5°	1113	954	796	648	541	458	382	302	214	125	72
15°	1244	1071	899	734	593	493	414	335	246	150	87
12.5°	1366	1178	991	809	644	529	442	360	272	176	101
10°	1471	1271	1072	881	702	564	466	382	294	198	112
7.5°	1558	1347	1139	938	749	592	484	399	311	215	121
5°	1623	1403	1188	979	782	612	498	411	324	227	128
2.5°	1663	1438	1218	1004	803	624	506	418	331	235	132
0°	1677	1450	1228	1013	810	628	509	421	334	237	133
-2.5°	1663	1438	1218	1004	803	624	506	418	331	235	132
-5°	1623	1403	1188	979	782	612	498	411	324	227	128
-7.5°	1558	1347	1139	938	749	592	484	399	311	215	121
-10°	1471	1271	1072	881	702	564	466	382	294	198	112
-12.5°	1366	1178	991	809	644	529	442	360	272	176	101
-15°	1244	1071	899	734	593	493	414	335	246	150	87
-17.5°	1113	954	796	648	541	458	382	302	214	125	72
-20°	973	830	693	578	490	418	345	264	176	105	68



REPORT NUMBER: P640296 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-5S_BLUE ONLY

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	830	708	597	511	443	375	302	222	135	83	63
-25°	693	597	520	456	393	328	254	174	108	70	58
-27.5°	578	511	456	400	341	273	200	126	80	64	55
-30°	490	443	393	341	279	213	141	95	68	58	51
-32.5°	418	375	328	273	213	147	102	70	60	53	48
-35°	345	302	254	200	141	102	71	62	55	49	46
-37.5°	264	222	174	126	95	70	62	55	50	47	43
-40°	176	135	108	80	68	60	55	50	47	44	41
-42.5°	105	83	70	64	58	53	49	47	44	41	37
-45°	68	63	58	55	51	48	46	43	41	37	33
-47.5°	57	54	51	49	47	44	42	40	36	33	29
-50°	49	48	46	45	43	41	38	35	32	28	25
-52.5°	45	43	42	40	38	35	33	30	27	24	20
-55°	40	39	37	35	32	30	27	25	22	19	16
-57.5°	34	32	31	29	27	24	22	20	17	15	13
-60°	27	26	24	23	21	19	17	15	13	11	9
-62.5°	21	20	18	17	16	14	12	11	9	8	7
-65°	15	14	13	12	11	10	9	8	7	6	5
-67.5°	10	9	9	8	7	7	6	5	5	4	4
-70°	6	6	6	5	5	4	4	4	3	3	3
-72.5°	4	4	4	3	3	3	3	3	2	2	2
-75°	3	3	2	2	2	2	2	2	2	1	1
-77.5°	2	2	2	1	1	1	1	1	1	1	1
-80°	1	1	1	1	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P640296 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-5S_BLUE ONLY

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°	1	1	1	0	0	0	0	0	0	0	0
72.5°	2	1	1	1	1	0	0	0	0	0	0
70°	2	2	2	2	1	1	1	0	0	0	0
67.5°	3	3	2	2	2	1	1	1	0	0	0
65°	4	4	3	3	2	2	2	1	1	0	0
62.5°	6	5	4	3	3	2	2	2	1	1	0
60°	8	6	5	4	3	3	2	2	1	1	0
57.5°	11	8	7	6	4	3	3	2	2	1	1
55°	14	11	9	7	6	4	3	3	2	2	1
52.5°	17	14	12	9	7	5	4	3	2	2	1
50°	21	18	14	11	8	6	5	4	3	2	1
47.5°	25	21	17	14	11	8	6	4	3	2	2
45°	29	25	20	16	13	9	7	5	4	3	2
42.5°	33	28	24	19	15	11	8	6	4	3	2
40°	36	32	27	22	17	13	9	7	5	3	2
37.5°	40	35	30	25	20	15	11	8	5	4	3
35°	42	38	33	27	22	17	12	9	6	4	3
32.5°	44	41	35	30	24	19	14	10	7	4	3
30°	47	43	38	32	27	21	16	11	7	5	3
27.5°	49	45	40	35	29	23	17	12	8	5	3
25°	51	46	42	37	31	24	18	13	9	6	4
22.5°	54	48	43	39	32	26	20	14	9	6	4
20°	57	49	45	40	34	27	21	15	10	6	4
17.5°	60	51	46	41	35	29	22	16	11	7	4
15°	63	53	47	42	37	30	23	17	11	7	5
12.5°	66	55	48	43	38	31	24	17	12	7	5
10°	69	56	49	44	38	32	25	18	12	8	5
7.5°	70	58	49	44	39	32	25	18	13	8	5
5°	72	58	50	45	40	33	26	19	13	8	5
2.5°	73	59	50	45	40	33	26	19	13	8	5
0°	73	59	50	45	40	33	26	19	13	8	5
-2.5°	73	59	50	45	40	33	26	19	13	8	5
-5°	72	58	50	45	40	33	26	19	13	8	5
-7.5°	70	58	49	44	39	32	25	18	13	8	5
-10°	69	56	49	44	38	32	25	18	12	8	5
-12.5°	66	55	48	43	38	31	24	17	12	7	5
-15°	63	53	47	42	37	30	23	17	11	7	5
-17.5°	60	51	46	41	35	29	22	16	11	7	4
-20°	57	49	45	40	34	27	21	15	10	6	4



REPORT NUMBER: P640296 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-5S_BLUE ONLY

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	54	48	43	39	32	26	20	14	9	6	4
-25°	51	46	42	37	31	24	18	13	9	6	4
-27.5°	49	45	40	35	29	23	17	12	8	5	3
-30°	47	43	38	32	27	21	16	11	7	5	3
-32.5°	44	41	35	30	24	19	14	10	7	4	3
-35°	42	38	33	27	22	17	12	9	6	4	3
-37.5°	40	35	30	25	20	15	11	8	5	4	3
-40°	36	32	27	22	17	13	9	7	5	3	2
-42.5°	33	28	24	19	15	11	8	6	4	3	2
-45°	29	25	20	16	13	9	7	5	4	3	2
-47.5°	25	21	17	14	11	8	6	4	3	2	2
-50°	21	18	14	11	8	6	5	4	3	2	1
-52.5°	17	14	12	9	7	5	4	3	2	2	1
-55°	14	11	9	7	6	4	3	3	2	2	1
-57.5°	11	8	7	6	4	3	3	2	2	1	1
-60°	8	6	5	4	3	3	2	2	1	1	0
-62.5°	6	5	4	3	3	2	2	2	1	1	0
-65°	4	4	3	3	2	2	2	1	1	0	0
-67.5°	3	3	2	2	2	1	1	1	0	0	0
-70°	2	2	2	2	1	1	1	0	0	0	0
-72.5°	2	1	1	1	1	0	0	0	0	0	0
-75°	1	1	1	0	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P640296 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-5S_BLUE ONLY

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



REPORT NUMBER: P640296 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-5S_BLUE ONLY

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)