

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: P640292 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-08PR-500PL-RGB-4S_BLUE ONLY**

Issue Date: 2/13/2023

Test Information

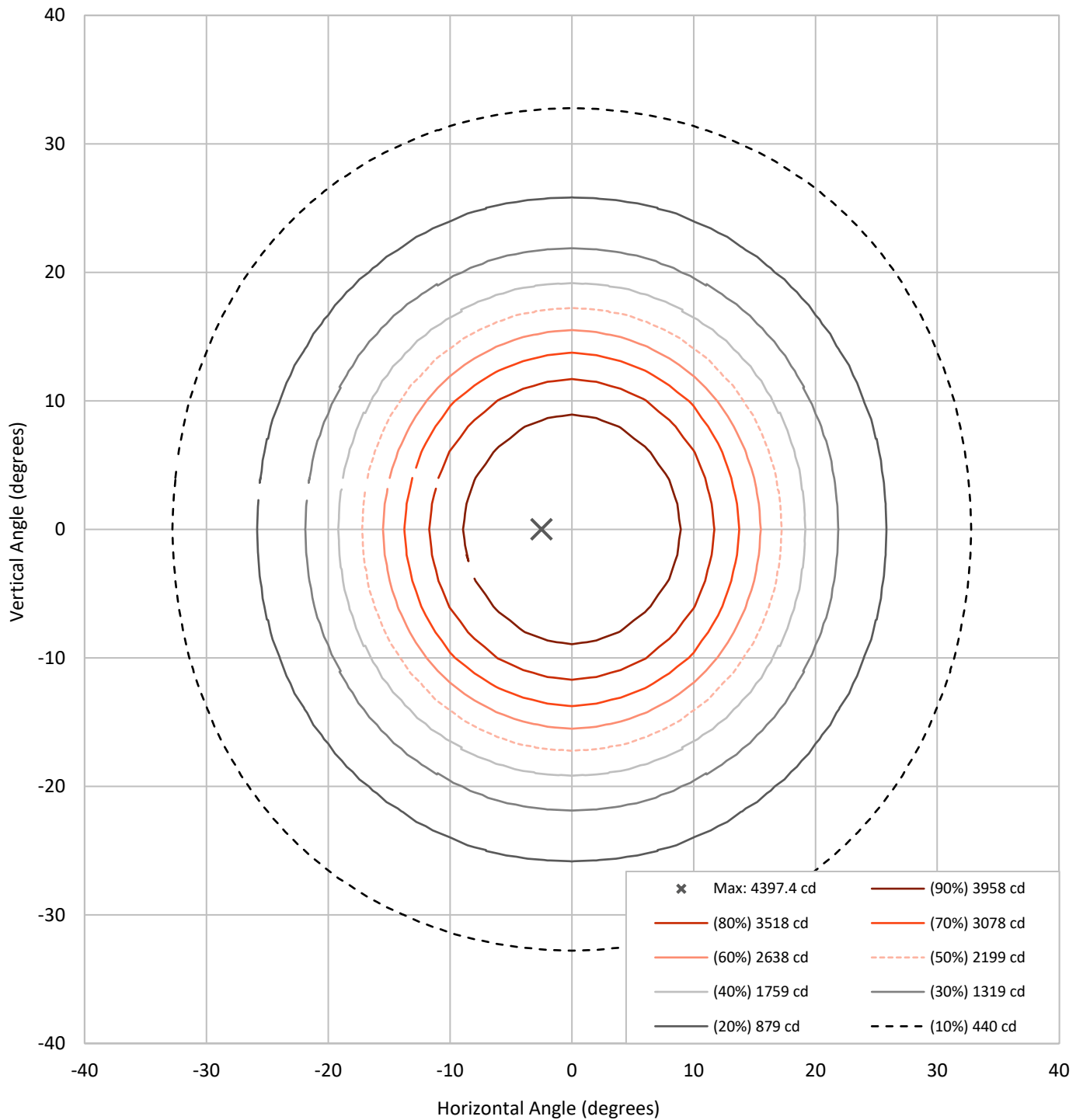
Test Method: LM-79-08
Report Number: P640292 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-885-11)
Test Lab: INNOVATION CENTER
Issue Date: 2/13/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-LS-08PR-500PL-RGB-4S_BLUE ONLY
Description: LUMASPORT 8 PRISM RGB
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1914.8 lumens	Max Intensity:	4397.4 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	13.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	34.3°H x 34°V	Field Angle (10%):	65.5°H x 65.4°V
Beam Lumens:	945.5 lumens	Field Lumens:	1665.4 lumens
Beam Efficiency:	49.4%	Field Efficiency:	87.0%
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: P640292 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_BLUE ONLY

Iso-Candela Plot





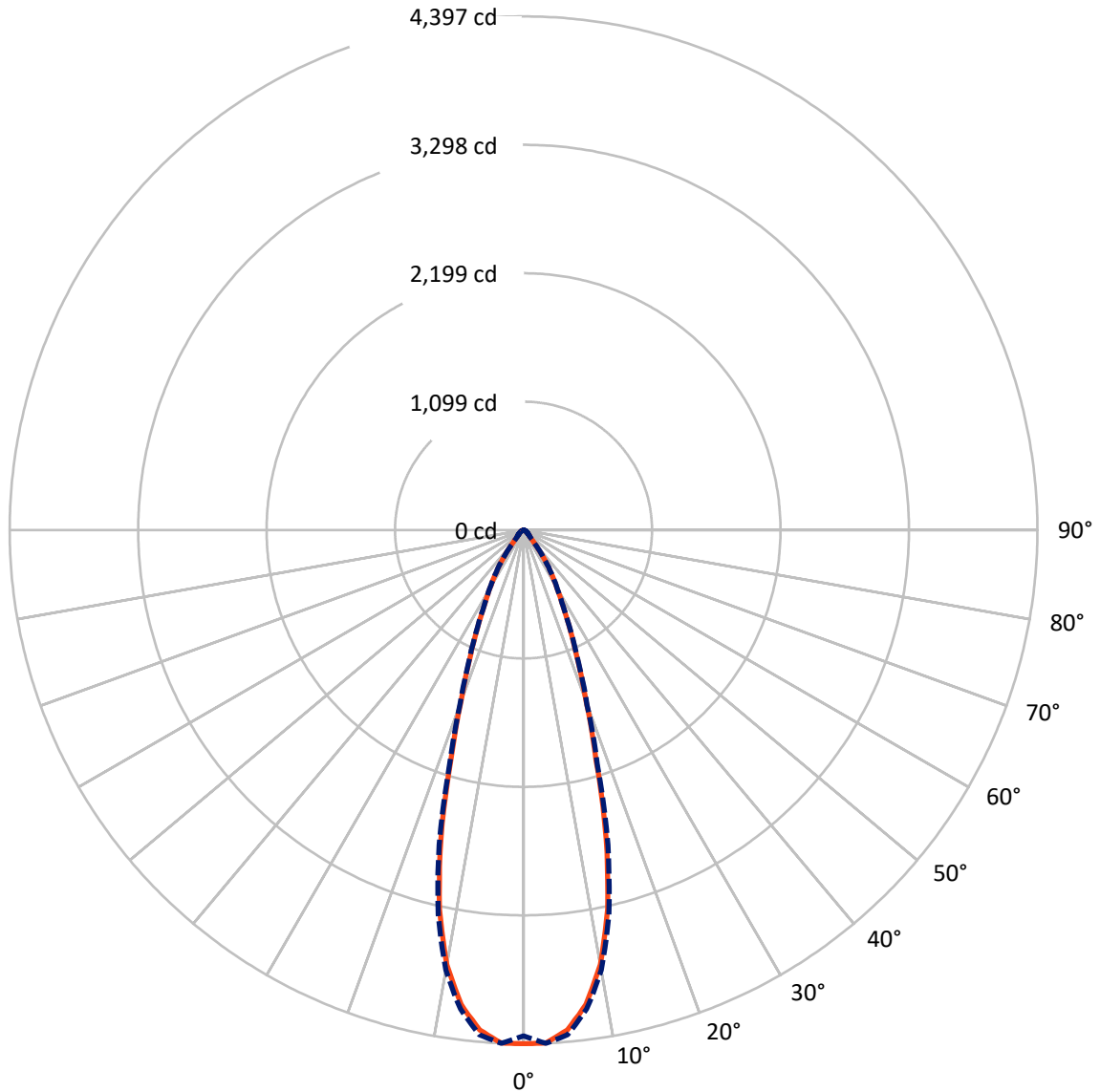
REPORT NUMBER: P640292 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_BLUE ONLY

Lumen Table

90																			
80	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.1	0.0	0.0									
70	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.6	0.6	0.5	0.4	0.3	0.1	0.0	0.0	0.0			
60		0.0	0.1	0.4	0.7	0.9	1.1	1.2	1.2	1.1	0.9	0.7	0.4	0.1	0.0				
50	0.0	0.1	0.3	0.7	1.0	1.5	1.9	2.3	2.3	1.9	1.5	1.0	0.7	0.3	0.1	0.0			
40		0.1	0.5	0.9	1.5	3.1	6.8	9.8	9.8	6.8	3.1	1.5	0.9	0.5	0.1				
30	0.0	0.2	0.6	1.2	2.9	9.6	19.5	28.5	28.5	19.5	9.6	2.9	1.2	0.6	0.2	0.0			
20		0.2	0.7	1.4	5.8	18.4	43.6	76.0	76.0	43.6	18.4	5.8	1.4	0.7	0.2				
10	0.1	0.3	0.7	1.6	8.2	26.1	73.9	122.1	122.1	73.9	26.1	8.2	1.6	0.7	0.3	0.1			
0		0.3	0.7	1.6	8.2	26.1	73.9	122.1	122.1	73.9	26.1	8.2	1.6	0.7	0.3				
-10	0.0	0.2	0.7	1.4	5.8	18.4	43.6	76.0	76.0	43.6	18.4	5.8	1.4	0.7	0.2	0.0			
-20		0.2	0.6	1.2	2.9	9.6	19.5	28.5	28.5	19.5	9.6	2.9	1.2	0.6	0.2				
-30	0.0	0.1	0.5	0.9	1.5	3.1	6.8	9.8	9.8	6.8	3.1	1.5	0.9	0.5	0.1	0.0			
-40		0.1	0.3	0.7	1.0	1.5	1.9	2.3	2.3	1.9	1.5	1.0	0.7	0.3	0.1				
-50	0.0	0.0	0.1	0.4	0.7	0.9	1.1	1.2	1.2	1.1	0.9	0.7	0.4	0.1	0.0	0.0			
-60		0.0	0.0	0.1	0.3	0.4	0.5	0.6	0.6	0.5	0.4	0.3	0.1	0.0	0.0				
-70																			
-80	0.0	0.0	0.1	0.2	0.2	0.2	0.1	0.0	0.0										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P640292 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_BLUE ONLY

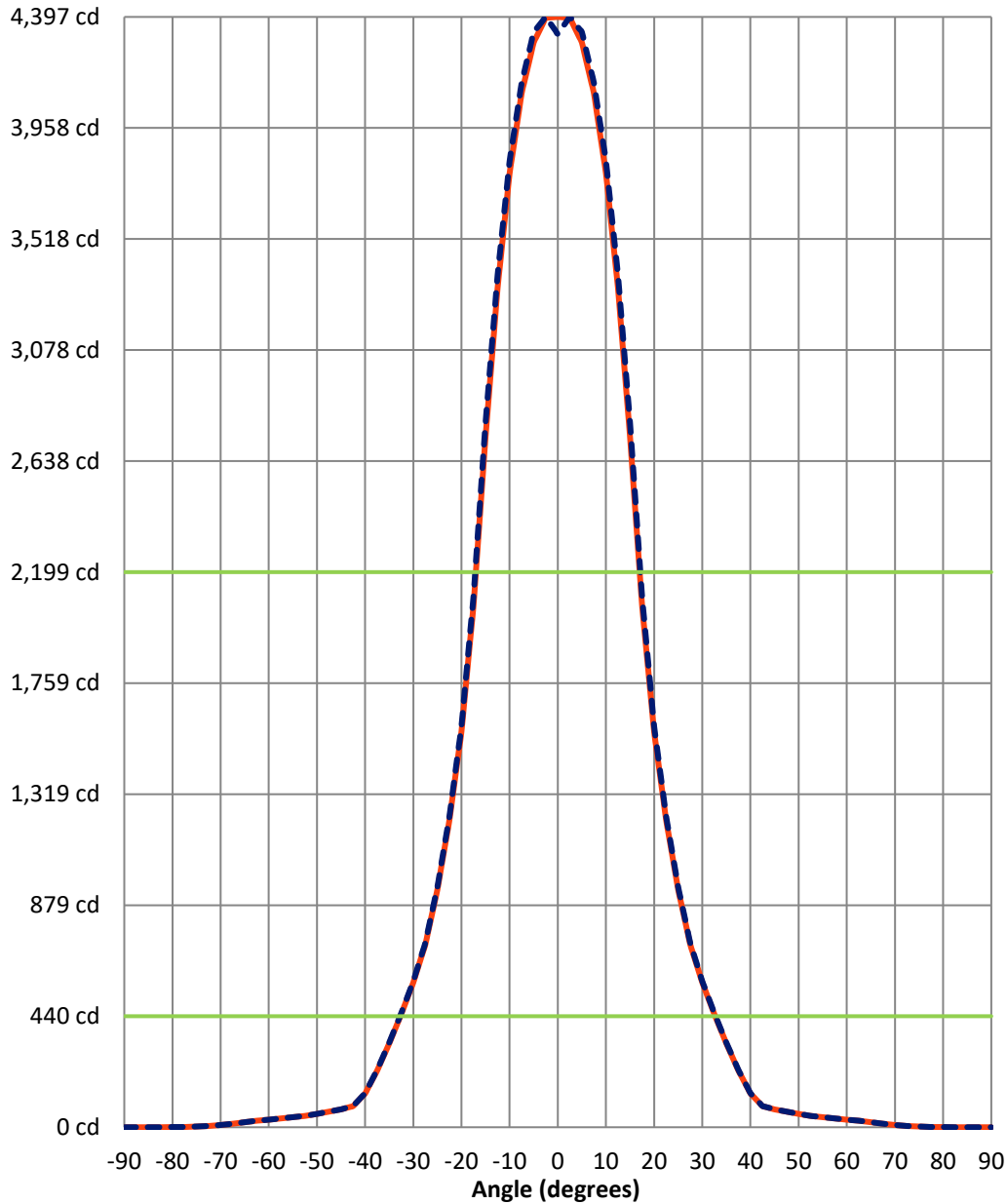
Luminous Intensity Polar Plot



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

REPORT NUMBER: P640292 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_BLUE ONLY

Luminous Intensity Plot



Beam:
 H Angle: 34.3°
 V Angle: 34°
 Lumens: 945.5
 Efficiency: 49.4%

Field:
 H Angle: 65.5°
 V Angle: 65.4°
 Lumens: 1665.4
 Efficiency: 87.0%

Spill:
 Lumens: 249.3
 Efficiency: 13.0%

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



REPORT NUMBER: P640292 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_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	1
60°	0	0	0	0	0	0	0	0	1	1	1
57.5°	0	0	0	0	0	0	0	1	1	1	1
55°	0	0	0	0	0	0	0	1	1	1	2
52.5°	0	0	0	0	0	0	1	1	1	2	3
50°	0	0	0	0	0	0	1	1	1	2	4
47.5°	0	0	0	0	0	0	1	1	2	3	4
45°	0	0	0	0	0	1	1	1	2	4	5
42.5°	0	0	0	0	0	1	1	1	3	4	6
40°	0	0	0	0	0	1	1	2	3	5	7
37.5°	0	0	0	0	0	1	1	2	4	5	8
35°	0	0	0	0	0	1	1	2	4	6	10
32.5°	0	0	0	0	0	1	1	3	4	7	11
30°	0	0	0	0	0	1	1	3	5	8	12
27.5°	0	0	0	0	1	1	2	3	5	9	13
25°	0	0	0	0	1	1	2	4	6	10	14
22.5°	0	0	0	0	1	1	2	4	6	10	15
20°	0	0	0	0	1	1	2	4	7	11	16
17.5°	0	0	0	0	1	1	2	4	7	12	17
15°	0	0	0	0	1	1	3	5	8	12	18
12.5°	0	0	0	0	1	1	3	5	8	13	18
10°	0	0	0	0	1	1	3	5	8	13	19
7.5°	0	0	0	0	1	1	3	5	9	14	19
5°	0	0	0	0	1	1	3	5	9	14	20
2.5°	0	0	0	0	1	1	3	5	9	14	20
0°	0	0	0	0	1	1	3	5	9	14	20
-2.5°	0	0	0	0	1	1	3	5	9	14	20
-5°	0	0	0	0	1	1	3	5	9	14	20
-7.5°	0	0	0	0	1	1	3	5	9	14	19
-10°	0	0	0	0	1	1	3	5	8	13	19
-12.5°	0	0	0	0	1	1	3	5	8	13	18
-15°	0	0	0	0	1	1	3	5	8	12	18
-17.5°	0	0	0	0	1	1	2	4	7	12	17
-20°	0	0	0	0	1	1	2	4	7	11	16



REPORT NUMBER: P640292 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_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	1	2	4	6	10	15
-25°	0	0	0	0	1	1	2	4	6	10	14
-27.5°	0	0	0	0	1	1	2	3	5	9	13
-30°	0	0	0	0	0	1	1	3	5	8	12
-32.5°	0	0	0	0	0	1	1	3	4	7	11
-35°	0	0	0	0	0	1	1	2	4	6	10
-37.5°	0	0	0	0	0	1	1	2	4	5	8
-40°	0	0	0	0	0	1	1	2	3	5	7
-42.5°	0	0	0	0	0	1	1	1	3	4	6
-45°	0	0	0	0	0	1	1	1	2	4	5
-47.5°	0	0	0	0	0	0	1	1	2	3	4
-50°	0	0	0	0	0	0	1	1	1	2	4
-52.5°	0	0	0	0	0	0	1	1	1	2	3
-55°	0	0	0	0	0	0	0	1	1	1	2
-57.5°	0	0	0	0	0	0	0	1	1	1	1
-60°	0	0	0	0	0	0	0	0	1	1	1
-62.5°	0	0	0	0	0	0	0	0	1	1	1
-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: P640292 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_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	1	1
72.5°	0	0	1	1	1	1	1	1	1	2	2
70°	1	1	1	1	1	1	2	2	3	3	4
67.5°	1	1	1	1	2	2	3	4	4	5	5
65°	1	1	1	2	3	4	4	5	6	7	8
62.5°	1	2	2	3	4	5	6	7	9	10	12
60°	2	3	3	4	5	7	9	10	12	14	16
57.5°	2	3	4	6	8	9	12	14	16	18	21
55°	3	4	6	8	10	12	15	17	20	23	25
52.5°	4	5	8	10	13	15	18	21	24	26	28
50°	5	7	9	12	15	19	22	25	27	29	31
47.5°	6	9	12	15	18	22	25	28	30	32	35
45°	7	10	14	17	21	25	28	30	33	36	38
42.5°	9	12	16	20	24	27	30	33	36	39	42
40°	10	14	18	23	26	29	32	36	39	42	45
37.5°	12	16	21	25	28	31	35	38	42	45	50
35°	13	18	23	27	30	34	37	41	44	49	55
32.5°	15	20	25	28	32	36	39	43	48	54	60
30°	17	22	26	30	34	38	42	46	52	59	65
27.5°	18	23	28	31	35	40	44	49	56	63	70
25°	19	25	29	33	37	41	46	53	60	67	76
22.5°	21	26	30	34	38	43	49	56	64	71	82
20°	22	27	31	35	40	44	51	59	67	76	98
17.5°	23	28	32	36	41	46	53	62	70	81	118
15°	24	28	33	37	42	48	56	64	73	89	136
12.5°	24	29	33	38	43	49	58	66	76	103	163
10°	25	29	34	39	44	51	59	68	79	114	186
7.5°	25	30	34	39	44	52	60	69	81	123	204
5°	26	30	35	40	45	52	61	70	83	130	217
2.5°	26	30	35	40	45	53	62	71	84	134	224
0°	26	30	35	40	45	53	62	71	84	135	227
-2.5°	26	30	35	40	45	53	62	71	84	134	224
-5°	26	30	35	40	45	52	61	70	83	130	217
-7.5°	25	30	34	39	44	52	60	69	81	123	204
-10°	25	29	34	39	44	51	59	68	79	114	186
-12.5°	24	29	33	38	43	49	58	66	76	103	163
-15°	24	28	33	37	42	48	56	64	73	89	136
-17.5°	23	28	32	36	41	46	53	62	70	81	118
-20°	22	27	31	35	40	44	51	59	67	76	98



REPORT NUMBER: P640292 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_BLUE ONLY

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	21	26	30	34	38	43	49	56	64	71	82
-25°	19	25	29	33	37	41	46	53	60	67	76
-27.5°	18	23	28	31	35	40	44	49	56	63	70
-30°	17	22	26	30	34	38	42	46	52	59	65
-32.5°	15	20	25	28	32	36	39	43	48	54	60
-35°	13	18	23	27	30	34	37	41	44	49	55
-37.5°	12	16	21	25	28	31	35	38	42	45	50
-40°	10	14	18	23	26	29	32	36	39	42	45
-42.5°	9	12	16	20	24	27	30	33	36	39	42
-45°	7	10	14	17	21	25	28	30	33	36	38
-47.5°	6	9	12	15	18	22	25	28	30	32	35
-50°	5	7	9	12	15	19	22	25	27	29	31
-52.5°	4	5	8	10	13	15	18	21	24	26	28
-55°	3	4	6	8	10	12	15	17	20	23	25
-57.5°	2	3	4	6	8	9	12	14	16	18	21
-60°	2	3	3	4	5	7	9	10	12	14	16
-62.5°	1	2	2	3	4	5	6	7	9	10	12
-65°	1	1	1	2	3	4	4	5	6	7	8
-67.5°	1	1	1	1	2	2	3	4	4	5	5
-70°	1	1	1	1	1	1	2	2	3	3	4
-72.5°	0	0	1	1	1	1	1	1	1	2	2
-75°	0	0	0	0	1	1	1	1	1	1	1
-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: P640292 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_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	1	1	1	1	1	1	1
75°	1	1	1	2	2	2	2	2	3	3	3
72.5°	2	3	3	3	4	4	4	4	5	5	5
70°	4	4	5	5	6	6	7	7	8	8	8
67.5°	6	7	8	9	10	10	11	12	12	13	13
65°	10	11	12	13	14	15	16	17	18	18	19
62.5°	13	15	17	18	19	21	22	23	24	24	25
60°	18	20	22	23	25	26	27	28	28	29	29
57.5°	23	25	26	28	29	30	31	32	33	33	34
55°	27	28	30	31	33	34	35	36	37	38	39
52.5°	30	32	34	35	37	38	40	41	42	43	44
50°	34	36	38	40	41	43	44	46	48	49	51
47.5°	37	39	42	44	46	49	51	53	56	58	59
45°	41	43	46	49	53	56	59	62	64	66	68
42.5°	44	48	52	56	60	64	67	70	73	76	79
40°	49	54	59	63	67	71	76	81	89	103	114
37.5°	55	60	65	70	76	82	98	118	136	163	186
35°	61	66	72	79	93	118	147	186	220	253	282
32.5°	66	73	81	103	132	179	224	272	316	355	389
30°	72	81	106	142	198	255	312	367	418	463	504
27.5°	79	103	142	204	270	337	403	466	526	578	631
25°	93	132	198	270	346	422	497	569	645	714	791
22.5°	118	179	255	337	422	507	593	686	790	900	1005
20°	147	224	312	403	497	593	700	833	972	1125	1264
17.5°	186	272	367	466	569	686	833	1001	1187	1389	1577
15°	220	316	418	526	645	790	972	1187	1432	1705	2007
12.5°	253	355	463	578	714	900	1125	1389	1705	2080	2526
10°	282	389	504	631	791	1005	1264	1577	2007	2526	3020
7.5°	305	416	536	674	860	1102	1402	1795	2313	2906	3379
5°	322	436	559	705	910	1173	1504	1963	2571	3170	3636
2.5°	332	448	573	724	941	1216	1567	2067	2734	3323	3778
0°	335	452	578	730	951	1231	1588	2102	2789	3374	3826
-2.5°	332	448	573	724	941	1216	1567	2067	2734	3323	3778
-5°	322	436	559	705	910	1173	1504	1963	2571	3170	3636
-7.5°	305	416	536	674	860	1102	1402	1795	2313	2906	3379
-10°	282	389	504	631	791	1005	1264	1577	2007	2526	3020
-12.5°	253	355	463	578	714	900	1125	1389	1705	2080	2526
-15°	220	316	418	526	645	790	972	1187	1432	1705	2007
-17.5°	186	272	367	466	569	686	833	1001	1187	1389	1577
-20°	147	224	312	403	497	593	700	833	972	1125	1264



REPORT NUMBER: P640292 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_BLUE ONLY

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	118	179	255	337	422	507	593	686	790	900	1005
-25°	93	132	198	270	346	422	497	569	645	714	791
-27.5°	79	103	142	204	270	337	403	466	526	578	631
-30°	72	81	106	142	198	255	312	367	418	463	504
-32.5°	66	73	81	103	132	179	224	272	316	355	389
-35°	61	66	72	79	93	118	147	186	220	253	282
-37.5°	55	60	65	70	76	82	98	118	136	163	186
-40°	49	54	59	63	67	71	76	81	89	103	114
-42.5°	44	48	52	56	60	64	67	70	73	76	79
-45°	41	43	46	49	53	56	59	62	64	66	68
-47.5°	37	39	42	44	46	49	51	53	56	58	59
-50°	34	36	38	40	41	43	44	46	48	49	51
-52.5°	30	32	34	35	37	38	40	41	42	43	44
-55°	27	28	30	31	33	34	35	36	37	38	39
-57.5°	23	25	26	28	29	30	31	32	33	33	34
-60°	18	20	22	23	25	26	27	28	28	29	29
-62.5°	13	15	17	18	19	21	22	23	24	24	25
-65°	10	11	12	13	14	15	16	17	18	18	19
-67.5°	6	7	8	9	10	10	11	12	12	13	13
-70°	4	4	5	5	6	6	7	7	8	8	8
-72.5°	2	3	3	3	4	4	4	4	5	5	5
-75°	1	1	1	2	2	2	2	2	3	3	3
-77.5°	1	1	1	1	1	1	1	1	1	1	1
-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: P640292 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_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°	1	1	1	1	1	1	1	1	1	1	1
75°	3	3	3	3	3	3	3	3	3	3	2
72.5°	5	5	5	5	5	5	5	5	5	5	4
70°	9	9	9	9	9	9	9	8	8	8	7
67.5°	14	14	14	14	14	14	14	13	13	12	12
65°	19	20	20	20	20	20	19	19	18	18	17
62.5°	25	26	26	26	26	26	25	25	24	24	23
60°	30	30	30	30	30	30	30	29	29	28	28
57.5°	34	35	35	35	35	35	34	34	33	33	32
55°	39	40	40	40	40	40	39	39	38	37	36
52.5°	44	45	45	45	45	45	44	44	43	42	41
50°	52	52	53	53	53	52	52	51	49	48	46
47.5°	60	61	62	62	62	61	60	59	58	56	53
45°	69	70	71	71	71	70	69	68	66	64	62
42.5°	81	83	84	84	84	83	81	79	76	73	70
40°	123	130	134	135	134	130	123	114	103	89	81
37.5°	204	217	224	227	224	217	204	186	163	136	118
35°	305	322	332	335	332	322	305	282	253	220	186
32.5°	416	436	448	452	448	436	416	389	355	316	272
30°	536	559	573	578	573	559	536	504	463	418	367
27.5°	674	705	724	730	724	705	674	631	578	526	466
25°	860	910	941	951	941	910	860	791	714	645	569
22.5°	1102	1173	1216	1231	1216	1173	1102	1005	900	790	686
20°	1402	1504	1567	1588	1567	1504	1402	1264	1125	972	833
17.5°	1795	1963	2067	2102	2067	1963	1795	1577	1389	1187	1001
15°	2313	2571	2734	2789	2734	2571	2313	2007	1705	1432	1187
12.5°	2906	3170	3323	3374	3323	3170	2906	2526	2080	1705	1389
10°	3379	3636	3778	3826	3778	3636	3379	3020	2526	2007	1577
7.5°	3732	3960	4095	4136	4095	3960	3732	3379	2906	2313	1795
5°	3960	4181	4296	4337	4296	4181	3960	3636	3170	2571	1963
2.5°	4095	4296	4394	4397	4394	4296	4095	3778	3323	2734	2067
0°	4136	4337	4397	4330	4397	4337	4136	3826	3374	2789	2102
-2.5°	4095	4296	4394	4397	4394	4296	4095	3778	3323	2734	2067
-5°	3960	4181	4296	4337	4296	4181	3960	3636	3170	2571	1963
-7.5°	3732	3960	4095	4136	4095	3960	3732	3379	2906	2313	1795
-10°	3379	3636	3778	3826	3778	3636	3379	3020	2526	2007	1577
-12.5°	2906	3170	3323	3374	3323	3170	2906	2526	2080	1705	1389
-15°	2313	2571	2734	2789	2734	2571	2313	2007	1705	1432	1187
-17.5°	1795	1963	2067	2102	2067	1963	1795	1577	1389	1187	1001
-20°	1402	1504	1567	1588	1567	1504	1402	1264	1125	972	833



REPORT NUMBER: P640292 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_BLUE ONLY

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1102	1173	1216	1231	1216	1173	1102	1005	900	790	686
-25°	860	910	941	951	941	910	860	791	714	645	569
-27.5°	674	705	724	730	724	705	674	631	578	526	466
-30°	536	559	573	578	573	559	536	504	463	418	367
-32.5°	416	436	448	452	448	436	416	389	355	316	272
-35°	305	322	332	335	332	322	305	282	253	220	186
-37.5°	204	217	224	227	224	217	204	186	163	136	118
-40°	123	130	134	135	134	130	123	114	103	89	81
-42.5°	81	83	84	84	84	83	81	79	76	73	70
-45°	69	70	71	71	71	70	69	68	66	64	62
-47.5°	60	61	62	62	62	61	60	59	58	56	53
-50°	52	52	53	53	53	52	52	51	49	48	46
-52.5°	44	45	45	45	45	45	44	44	43	42	41
-55°	39	40	40	40	40	40	39	39	38	37	36
-57.5°	34	35	35	35	35	35	34	34	33	33	32
-60°	30	30	30	30	30	30	30	29	29	28	28
-62.5°	25	26	26	26	26	26	25	25	24	24	23
-65°	19	20	20	20	20	20	19	19	18	18	17
-67.5°	14	14	14	14	14	14	14	13	13	12	12
-70°	9	9	9	9	9	9	9	8	8	8	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	2
-77.5°	1	1	1	1	1	1	1	1	1	1	1
-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: P640292 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_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°	1	1	1	1	1	1	1	1	1	1	1
75°	2	2	2	2	1	1	1	1	1	1	1
72.5°	4	4	4	3	3	3	2	2	2	1	1
70°	7	6	6	5	5	4	4	4	3	3	2
67.5°	11	10	10	9	8	7	6	5	5	4	4
65°	16	15	14	13	12	11	10	8	7	6	5
62.5°	22	21	19	18	17	15	13	12	10	9	7
60°	27	26	25	23	22	20	18	16	14	12	10
57.5°	31	30	29	28	26	25	23	21	18	16	14
55°	35	34	33	31	30	28	27	25	23	20	17
52.5°	40	38	37	35	34	32	30	28	26	24	21
50°	44	43	41	40	38	36	34	31	29	27	25
47.5°	51	49	46	44	42	39	37	35	32	30	28
45°	59	56	53	49	46	43	41	38	36	33	30
42.5°	67	64	60	56	52	48	44	42	39	36	33
40°	76	71	67	63	59	54	49	45	42	39	36
37.5°	98	82	76	70	65	60	55	50	45	42	38
35°	147	118	93	79	72	66	61	55	49	44	41
32.5°	224	179	132	103	81	73	66	60	54	48	43
30°	312	255	198	142	106	81	72	65	59	52	46
27.5°	403	337	270	204	142	103	79	70	63	56	49
25°	497	422	346	270	198	132	93	76	67	60	53
22.5°	593	507	422	337	255	179	118	82	71	64	56
20°	700	593	497	403	312	224	147	98	76	67	59
17.5°	833	686	569	466	367	272	186	118	81	70	62
15°	972	790	645	526	418	316	220	136	89	73	64
12.5°	1125	900	714	578	463	355	253	163	103	76	66
10°	1264	1005	791	631	504	389	282	186	114	79	68
7.5°	1402	1102	860	674	536	416	305	204	123	81	69
5°	1504	1173	910	705	559	436	322	217	130	83	70
2.5°	1567	1216	941	724	573	448	332	224	134	84	71
0°	1588	1231	951	730	578	452	335	227	135	84	71
-2.5°	1567	1216	941	724	573	448	332	224	134	84	71
-5°	1504	1173	910	705	559	436	322	217	130	83	70
-7.5°	1402	1102	860	674	536	416	305	204	123	81	69
-10°	1264	1005	791	631	504	389	282	186	114	79	68
-12.5°	1125	900	714	578	463	355	253	163	103	76	66
-15°	972	790	645	526	418	316	220	136	89	73	64
-17.5°	833	686	569	466	367	272	186	118	81	70	62
-20°	700	593	497	403	312	224	147	98	76	67	59



REPORT NUMBER: P640292 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_BLUE ONLY

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	593	507	422	337	255	179	118	82	71	64	56
-25°	497	422	346	270	198	132	93	76	67	60	53
-27.5°	403	337	270	204	142	103	79	70	63	56	49
-30°	312	255	198	142	106	81	72	65	59	52	46
-32.5°	224	179	132	103	81	73	66	60	54	48	43
-35°	147	118	93	79	72	66	61	55	49	44	41
-37.5°	98	82	76	70	65	60	55	50	45	42	38
-40°	76	71	67	63	59	54	49	45	42	39	36
-42.5°	67	64	60	56	52	48	44	42	39	36	33
-45°	59	56	53	49	46	43	41	38	36	33	30
-47.5°	51	49	46	44	42	39	37	35	32	30	28
-50°	44	43	41	40	38	36	34	31	29	27	25
-52.5°	40	38	37	35	34	32	30	28	26	24	21
-55°	35	34	33	31	30	28	27	25	23	20	17
-57.5°	31	30	29	28	26	25	23	21	18	16	14
-60°	27	26	25	23	22	20	18	16	14	12	10
-62.5°	22	21	19	18	17	15	13	12	10	9	7
-65°	16	15	14	13	12	11	10	8	7	6	5
-67.5°	11	10	10	9	8	7	6	5	5	4	4
-70°	7	6	6	5	5	4	4	4	3	3	2
-72.5°	4	4	4	3	3	3	2	2	2	1	1
-75°	2	2	2	2	1	1	1	1	1	1	1
-77.5°	1	1	1	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: P640292 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_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°	1	1	1	1	1	0	0	0	0	0	0
70°	2	1	1	1	1	1	1	0	0	0	0
67.5°	3	2	2	1	1	1	1	1	0	0	0
65°	4	4	3	2	1	1	1	1	1	0	0
62.5°	6	5	4	3	2	2	1	1	1	1	0
60°	9	7	5	4	3	3	2	1	1	1	0
57.5°	12	9	8	6	4	3	2	1	1	1	1
55°	15	12	10	8	6	4	3	2	1	1	1
52.5°	18	15	13	10	8	5	4	3	2	1	1
50°	22	19	15	12	9	7	5	4	2	1	1
47.5°	25	22	18	15	12	9	6	4	3	2	1
45°	28	25	21	17	14	10	7	5	4	2	1
42.5°	30	27	24	20	16	12	9	6	4	3	1
40°	32	29	26	23	18	14	10	7	5	3	2
37.5°	35	31	28	25	21	16	12	8	5	4	2
35°	37	34	30	27	23	18	13	10	6	4	2
32.5°	39	36	32	28	25	20	15	11	7	4	3
30°	42	38	34	30	26	22	17	12	8	5	3
27.5°	44	40	35	31	28	23	18	13	9	5	3
25°	46	41	37	33	29	25	19	14	10	6	4
22.5°	49	43	38	34	30	26	21	15	10	6	4
20°	51	44	40	35	31	27	22	16	11	7	4
17.5°	53	46	41	36	32	28	23	17	12	7	4
15°	56	48	42	37	33	28	24	18	12	8	5
12.5°	58	49	43	38	33	29	24	18	13	8	5
10°	59	51	44	39	34	29	25	19	13	8	5
7.5°	60	52	44	39	34	30	25	19	14	9	5
5°	61	52	45	40	35	30	26	20	14	9	5
2.5°	62	53	45	40	35	30	26	20	14	9	5
0°	62	53	45	40	35	30	26	20	14	9	5
-2.5°	62	53	45	40	35	30	26	20	14	9	5
-5°	61	52	45	40	35	30	26	20	14	9	5
-7.5°	60	52	44	39	34	30	25	19	14	9	5
-10°	59	51	44	39	34	29	25	19	13	8	5
-12.5°	58	49	43	38	33	29	24	18	13	8	5
-15°	56	48	42	37	33	28	24	18	12	8	5
-17.5°	53	46	41	36	32	28	23	17	12	7	4
-20°	51	44	40	35	31	27	22	16	11	7	4



REPORT NUMBER: P640292 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_BLUE ONLY

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	49	43	38	34	30	26	21	15	10	6	4
-25°	46	41	37	33	29	25	19	14	10	6	4
-27.5°	44	40	35	31	28	23	18	13	9	5	3
-30°	42	38	34	30	26	22	17	12	8	5	3
-32.5°	39	36	32	28	25	20	15	11	7	4	3
-35°	37	34	30	27	23	18	13	10	6	4	2
-37.5°	35	31	28	25	21	16	12	8	5	4	2
-40°	32	29	26	23	18	14	10	7	5	3	2
-42.5°	30	27	24	20	16	12	9	6	4	3	1
-45°	28	25	21	17	14	10	7	5	4	2	1
-47.5°	25	22	18	15	12	9	6	4	3	2	1
-50°	22	19	15	12	9	7	5	4	2	1	1
-52.5°	18	15	13	10	8	5	4	3	2	1	1
-55°	15	12	10	8	6	4	3	2	1	1	1
-57.5°	12	9	8	6	4	3	2	1	1	1	1
-60°	9	7	5	4	3	3	2	1	1	1	0
-62.5°	6	5	4	3	2	2	1	1	1	1	0
-65°	4	4	3	2	1	1	1	1	1	0	0
-67.5°	3	2	2	1	1	1	1	1	0	0	0
-70°	2	1	1	1	1	1	1	0	0	0	0
-72.5°	1	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: P640292 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_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°	1	1	0	0	0	0	0
37.5°	1	1	0	0	0	0	0
35°	1	1	0	0	0	0	0
32.5°	1	1	0	0	0	0	0
30°	1	1	0	0	0	0	0
27.5°	2	1	1	0	0	0	0
25°	2	1	1	0	0	0	0
22.5°	2	1	1	0	0	0	0
20°	2	1	1	0	0	0	0
17.5°	2	1	1	0	0	0	0
15°	3	1	1	0	0	0	0
12.5°	3	1	1	0	0	0	0
10°	3	1	1	0	0	0	0
7.5°	3	1	1	0	0	0	0
5°	3	1	1	0	0	0	0
2.5°	3	1	1	0	0	0	0
0°	3	1	1	0	0	0	0
-2.5°	3	1	1	0	0	0	0
-5°	3	1	1	0	0	0	0
-7.5°	3	1	1	0	0	0	0
-10°	3	1	1	0	0	0	0
-12.5°	3	1	1	0	0	0	0
-15°	3	1	1	0	0	0	0
-17.5°	2	1	1	0	0	0	0
-20°	2	1	1	0	0	0	0



REPORT NUMBER: P640292 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_BLUE ONLY

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	2	1	1	0	0	0	0
-25°	2	1	1	0	0	0	0
-27.5°	2	1	1	0	0	0	0
-30°	1	1	0	0	0	0	0
-32.5°	1	1	0	0	0	0	0
-35°	1	1	0	0	0	0	0
-37.5°	1	1	0	0	0	0	0
-40°	1	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)