

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: P640288 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-08PR-500PL-RGB-2S_BLUE ONLY**

Issue Date: 2/13/2023

Test Information

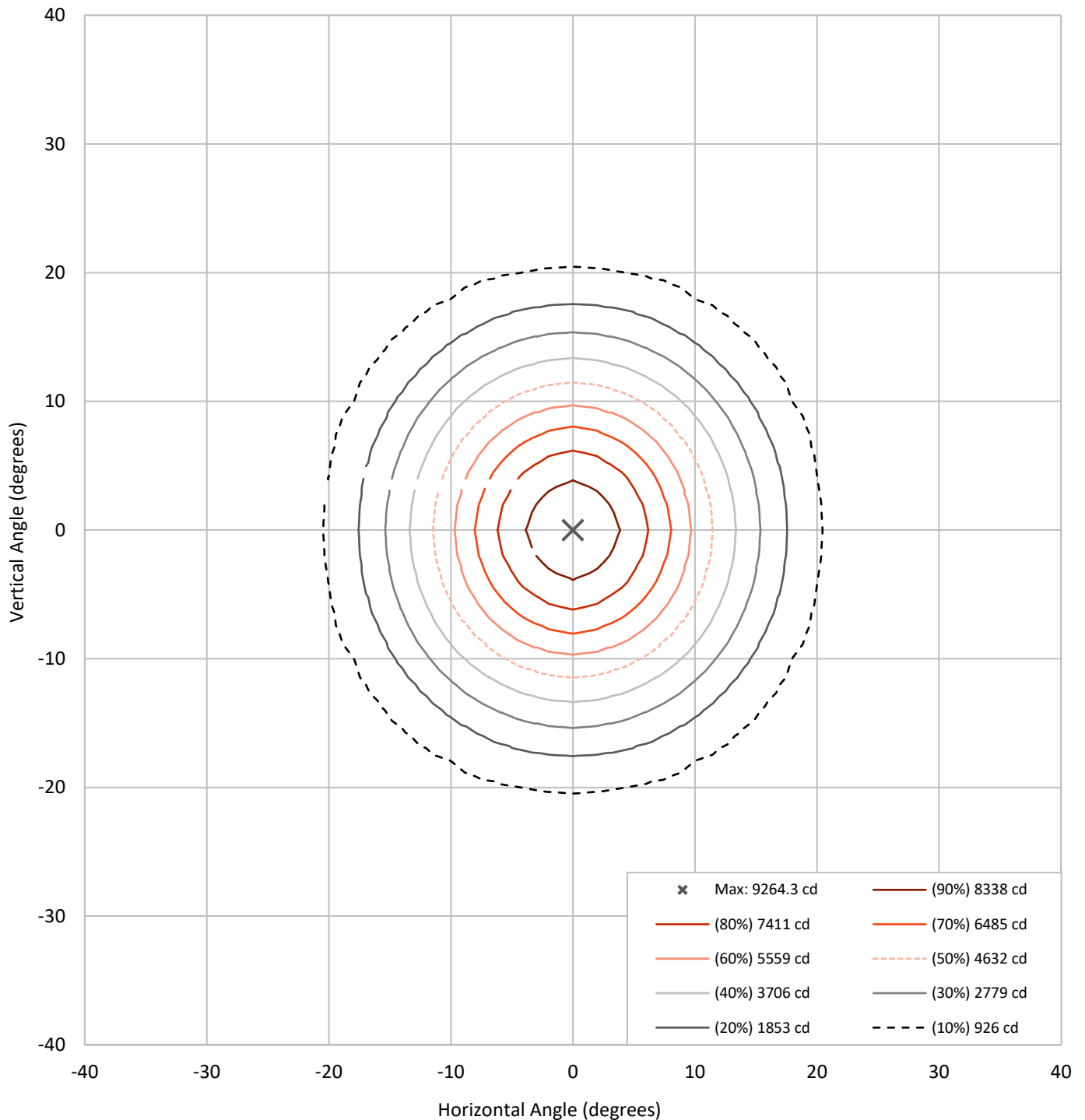
Test Method: LM-79-08
Report Number: P640288 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-885-3)
Test Lab: INNOVATION CENTER
Issue Date: 2/13/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-LS-08PR-500PL-RGB-2S_BLUE ONLY
Description: LUMASPORT 8 PRISM RGB
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	1883.3 lumens	Max Intensity:	9264.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	13.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	23°H x 23°V	Field Angle (10%):	40.9°H x 40.9°V
Beam Lumens:	832.1 lumens	Field Lumens:	1481.7 lumens
Beam Efficiency:	44.2%	Field Efficiency:	78.7%
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		

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CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_BLUE ONLY

Iso-Candela Plot





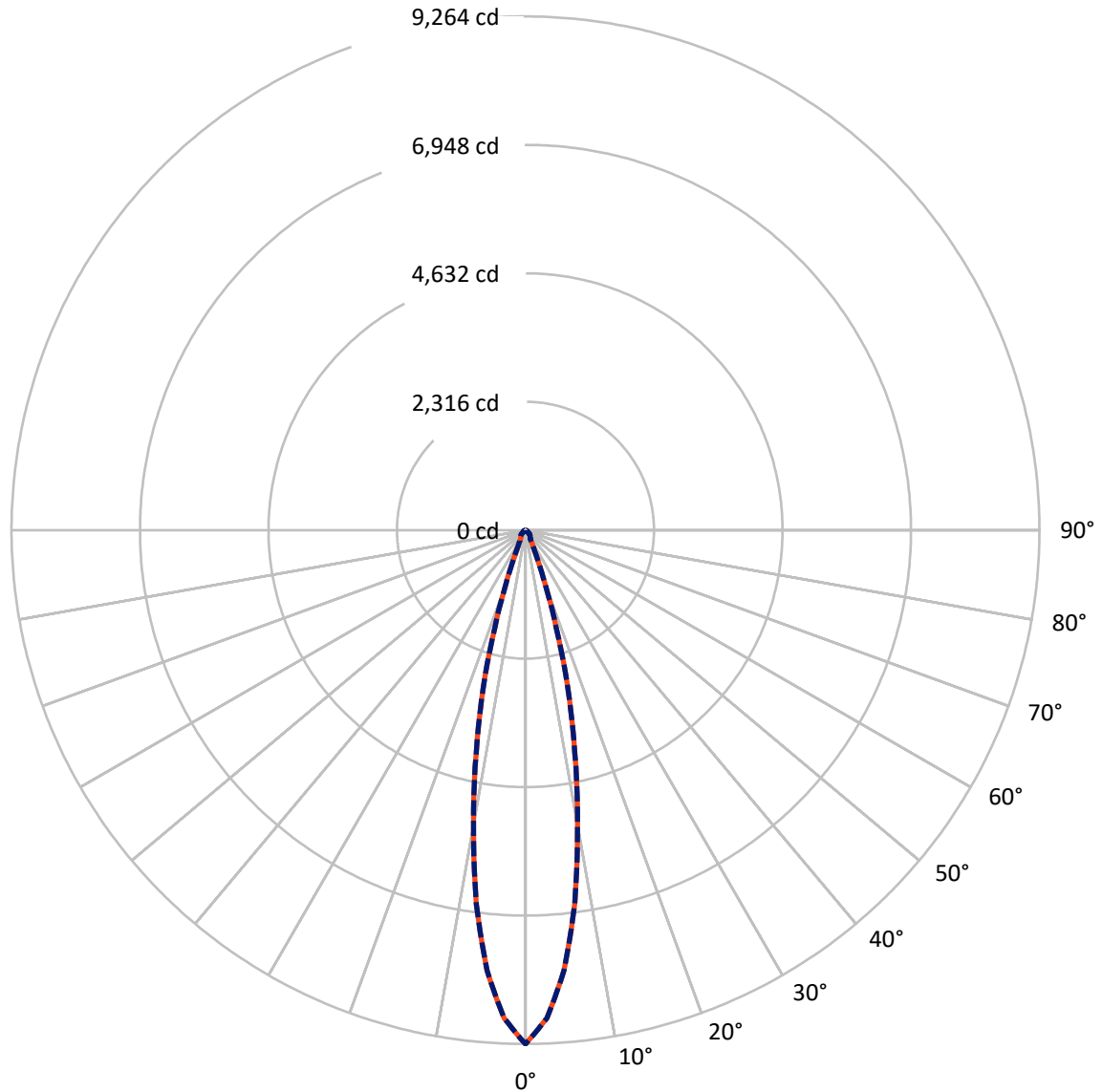
REPORT NUMBER: P640288 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_BLUE ONLY

Lumen Table

90																			
80	0.0	0.0	0.1	0.2	0.3	0.2	0.1	0.0	0.0										
70	0.0	0.0	0.0	0.2	0.3	0.5	0.6	0.7	0.7	0.6	0.5	0.3	0.2	0.0	0.0	0.0			
60		0.0	0.2	0.4	0.8	1.1	1.3	1.4	1.4	1.3	1.1	0.8	0.4	0.2	0.0				
50	0.0	0.1	0.4	0.8	1.2	1.8	2.6	3.0	3.0	2.6	1.8	1.2	0.8	0.4	0.1	0.0			
40		0.2	0.5	1.0	2.0	3.3	4.0	4.4	4.4	4.0	3.3	2.0	1.0	0.5	0.2				
30	0.1	0.2	0.7	1.4	3.0	4.1	6.4	11.4	11.4	6.4	4.1	3.0	1.4	0.7	0.2	0.1			
20		0.3	0.8	1.9	3.4	6.0	28.4	78.1	78.1	28.4	6.0	3.4	1.9	0.8	0.3				
10	0.1	0.3	0.8	2.1	3.6	10.5	76.1	198.2	198.2	76.1	10.5	3.6	2.1	0.8	0.3	0.1			
0		0.3	0.8	2.1	3.6	10.5	76.1	198.2	198.2	76.1	10.5	3.6	2.1	0.8	0.3				
-10	0.1	0.3	0.8	1.9	3.4	6.0	28.4	78.1	78.1	28.4	6.0	3.4	1.9	0.8	0.3	0.1			
-20		0.2	0.7	1.4	3.0	4.1	6.4	11.4	11.4	6.4	4.1	3.0	1.4	0.7	0.2				
-30	0.0	0.2	0.5	1.0	2.0	3.3	4.0	4.4	4.4	4.0	3.3	2.0	1.0	0.5	0.2	0.0			
-40		0.1	0.4	0.8	1.2	1.8	2.6	3.0	3.0	2.6	1.8	1.2	0.8	0.4	0.1				
-50	0.0	0.0	0.2	0.4	0.8	1.1	1.3	1.4	1.4	1.3	1.1	0.8	0.4	0.2	0.0	0.0			
-60		0.0	0.0	0.2	0.3	0.5	0.6	0.7	0.7	0.6	0.5	0.3	0.2	0.0	0.0				
-70																			
-80	0.0	0.0	0.1	0.2	0.3	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

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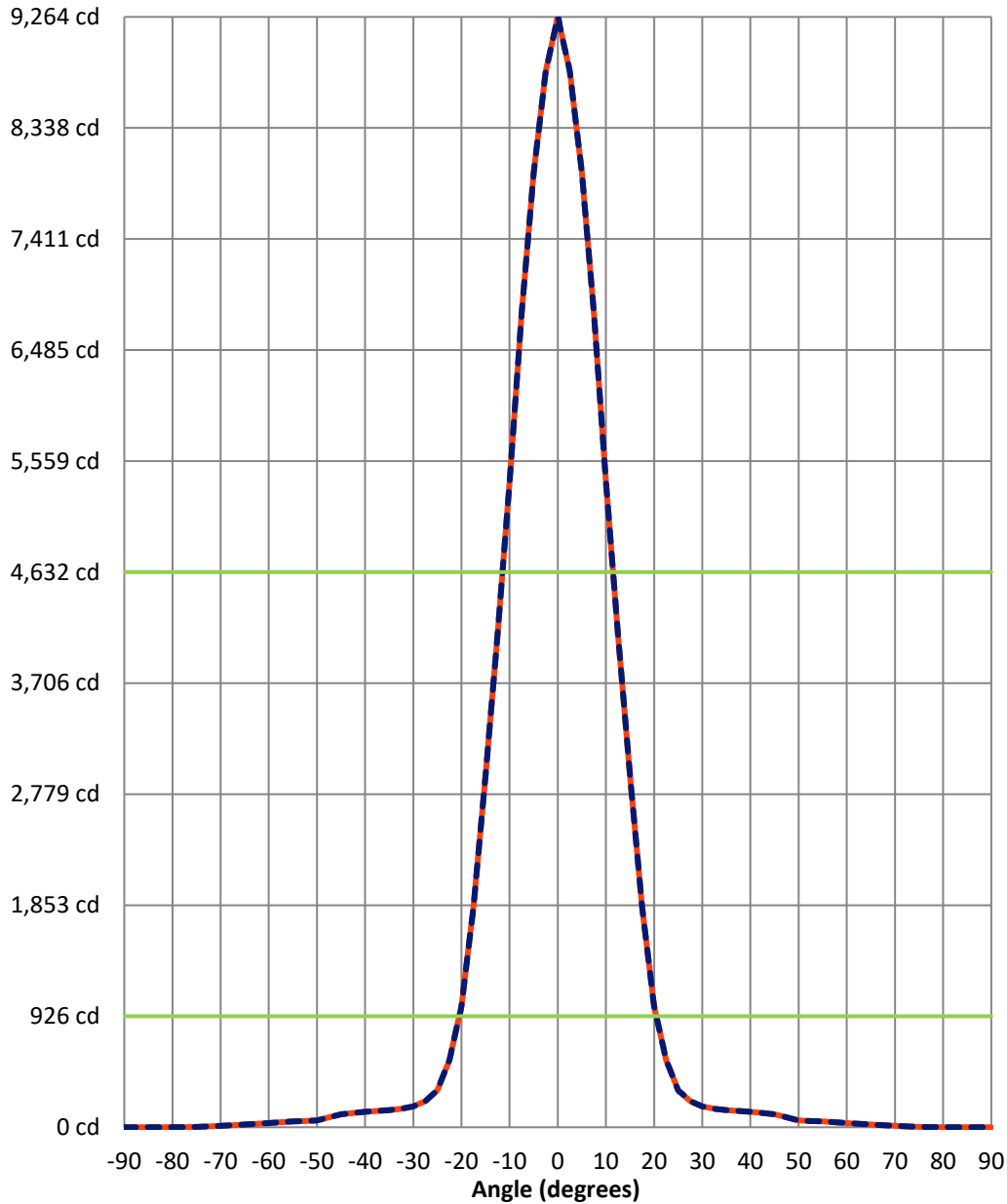
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 23°
 V Angle: 23°
 Lumens: 832.1
 Efficiency: 44.2%

Field:
 H Angle: 40.9°
 V Angle: 40.9°
 Lumens: 1481.7
 Efficiency: 78.7%

Spill:
 Lumens: 401.6
 Efficiency: 21.3%

— 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°	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	6
45°	0	0	0	0	0	1	1	1	2	4	7
42.5°	0	0	0	0	0	1	1	1	3	5	8
40°	0	0	0	0	0	1	1	2	3	6	10
37.5°	0	0	0	0	0	1	1	2	4	7	11
35°	0	0	0	0	0	1	1	2	5	9	13
32.5°	0	0	0	0	0	1	1	3	6	10	14
30°	0	0	0	0	0	1	1	3	7	11	15
27.5°	0	0	0	0	1	1	2	4	7	12	16
25°	0	0	0	0	1	1	2	4	8	13	17
22.5°	0	0	0	0	1	1	2	5	9	13	18
20°	0	0	0	0	1	1	2	5	9	14	19
17.5°	0	0	0	0	1	1	2	6	10	15	20
15°	0	0	0	0	1	1	3	6	11	15	21
12.5°	0	0	0	0	1	1	3	6	11	16	21
10°	0	0	0	0	1	1	3	7	11	16	22
7.5°	0	0	0	0	1	1	3	7	12	17	22
5°	0	0	0	0	1	1	3	7	12	17	23
2.5°	0	0	0	0	1	1	3	7	12	17	23
0°	0	0	0	0	1	1	3	7	12	17	23
-2.5°	0	0	0	0	1	1	3	7	12	17	23
-5°	0	0	0	0	1	1	3	7	12	17	23
-7.5°	0	0	0	0	1	1	3	7	12	17	22
-10°	0	0	0	0	1	1	3	7	11	16	22
-12.5°	0	0	0	0	1	1	3	6	11	16	21
-15°	0	0	0	0	1	1	3	6	11	15	21
-17.5°	0	0	0	0	1	1	2	6	10	15	20
-20°	0	0	0	0	1	1	2	5	9	14	19



REPORT NUMBER: P640288 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_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	5	9	13	18
-25°	0	0	0	0	1	1	2	4	8	13	17
-27.5°	0	0	0	0	1	1	2	4	7	12	16
-30°	0	0	0	0	0	1	1	3	7	11	15
-32.5°	0	0	0	0	0	1	1	3	6	10	14
-35°	0	0	0	0	0	1	1	2	5	9	13
-37.5°	0	0	0	0	0	1	1	2	4	7	11
-40°	0	0	0	0	0	1	1	2	3	6	10
-42.5°	0	0	0	0	0	1	1	1	3	5	8
-45°	0	0	0	0	0	1	1	1	2	4	7
-47.5°	0	0	0	0	0	0	1	1	2	3	6
-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



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 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_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	5	6	7
65°	1	1	1	2	3	4	6	7	8	10	11
62.5°	1	2	2	4	5	7	8	10	12	13	15
60°	2	3	4	6	7	9	11	13	15	17	19
57.5°	2	4	6	8	10	12	15	17	19	21	24
55°	4	6	8	10	13	15	18	20	23	26	28
52.5°	5	7	10	13	16	18	21	24	27	30	32
50°	7	9	12	15	18	22	25	28	31	34	37
47.5°	8	11	15	18	21	25	28	31	35	38	42
45°	10	13	17	20	24	28	31	35	39	43	47
42.5°	12	15	19	23	27	31	35	39	43	47	50
40°	13	17	21	26	30	34	38	43	47	50	52
37.5°	15	19	24	28	32	37	42	47	50	52	55
35°	16	21	26	30	35	40	45	49	52	55	63
32.5°	18	23	28	32	37	43	48	51	54	60	78
30°	20	25	30	34	40	46	50	53	56	73	92
27.5°	21	26	31	37	43	48	51	55	66	86	105
25°	22	28	33	39	45	50	53	57	77	98	112
22.5°	24	29	34	41	47	51	54	65	87	108	117
20°	25	30	36	42	49	52	56	74	97	113	122
17.5°	26	31	37	44	50	53	58	82	105	117	126
15°	27	32	39	45	50	54	65	89	110	120	129
12.5°	27	33	40	46	51	55	70	95	113	123	131
10°	28	34	40	47	51	56	75	99	115	125	133
7.5°	28	34	41	48	52	56	78	103	117	127	134
5°	29	35	42	49	52	57	81	106	118	128	135
2.5°	29	35	42	49	52	57	82	107	119	129	136
0°	29	35	42	49	52	57	83	108	119	129	136
-2.5°	29	35	42	49	52	57	82	107	119	129	136
-5°	29	35	42	49	52	57	81	106	118	128	135
-7.5°	28	34	41	48	52	56	78	103	117	127	134
-10°	28	34	40	47	51	56	75	99	115	125	133
-12.5°	27	33	40	46	51	55	70	95	113	123	131
-15°	27	32	39	45	50	54	65	89	110	120	129
-17.5°	26	31	37	44	50	53	58	82	105	117	126
-20°	25	30	36	42	49	52	56	74	97	113	122



REPORT NUMBER: P640288 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_BLUE ONLY

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	24	29	34	41	47	51	54	65	87	108	117
-25°	22	28	33	39	45	50	53	57	77	98	112
-27.5°	21	26	31	37	43	48	51	55	66	86	105
-30°	20	25	30	34	40	46	50	53	56	73	92
-32.5°	18	23	28	32	37	43	48	51	54	60	78
-35°	16	21	26	30	35	40	45	49	52	55	63
-37.5°	15	19	24	28	32	37	42	47	50	52	55
-40°	13	17	21	26	30	34	38	43	47	50	52
-42.5°	12	15	19	23	27	31	35	39	43	47	50
-45°	10	13	17	20	24	28	31	35	39	43	47
-47.5°	8	11	15	18	21	25	28	31	35	38	42
-50°	7	9	12	15	18	22	25	28	31	34	37
-52.5°	5	7	10	13	16	18	21	24	27	30	32
-55°	4	6	8	10	13	15	18	20	23	26	28
-57.5°	2	4	6	8	10	12	15	17	19	21	24
-60°	2	3	4	6	7	9	11	13	15	17	19
-62.5°	1	2	2	4	5	7	8	10	12	13	15
-65°	1	1	1	2	3	4	6	7	8	10	11
-67.5°	1	1	1	1	2	2	3	4	5	6	7
-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



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 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_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	4	4	5	5	6	6	6	7
70°	5	6	7	7	8	9	9	10	11	11	11
67.5°	9	10	11	12	13	13	14	15	15	16	16
65°	13	14	15	16	17	18	19	20	21	21	22
62.5°	16	18	20	21	22	24	25	26	27	27	28
60°	21	23	25	26	28	29	30	31	32	33	34
57.5°	26	28	30	31	33	34	36	37	39	40	40
55°	30	32	34	37	39	41	42	44	45	46	47
52.5°	35	37	40	43	45	47	49	50	50	51	51
50°	40	43	46	48	50	51	52	53	54	55	56
47.5°	45	48	50	51	53	54	56	58	65	70	75
45°	49	51	53	55	57	65	74	82	89	95	99
42.5°	52	54	56	66	77	87	97	105	110	113	115
40°	55	60	73	86	98	108	113	117	120	123	125
37.5°	63	78	92	105	112	117	122	126	129	131	133
35°	79	95	109	115	121	126	130	133	135	138	140
32.5°	95	110	116	123	128	132	136	139	142	145	148
30°	109	116	123	130	134	138	142	146	151	156	162
27.5°	115	123	130	134	139	143	149	156	166	174	189
25°	121	128	134	139	144	151	161	172	193	213	243
22.5°	126	132	138	143	151	163	178	205	243	288	358
20°	130	136	142	149	161	178	209	260	328	465	602
17.5°	133	139	146	156	172	205	260	354	521	760	996
15°	135	142	151	166	193	243	328	521	814	1198	1687
12.5°	138	145	156	174	213	288	465	760	1198	1805	2515
10°	140	148	162	189	243	358	602	996	1687	2515	3355
7.5°	141	151	167	202	271	444	775	1344	2176	3147	4123
5°	142	153	171	211	292	508	904	1615	2587	3665	4790
2.5°	143	154	173	216	305	548	983	1783	2845	3996	5232
0°	143	154	174	218	309	561	1010	1841	2934	4111	5387
-2.5°	143	154	173	216	305	548	983	1783	2845	3996	5232
-5°	142	153	171	211	292	508	904	1615	2587	3665	4790
-7.5°	141	151	167	202	271	444	775	1344	2176	3147	4123
-10°	140	148	162	189	243	358	602	996	1687	2515	3355
-12.5°	138	145	156	174	213	288	465	760	1198	1805	2515
-15°	135	142	151	166	193	243	328	521	814	1198	1687
-17.5°	133	139	146	156	172	205	260	354	521	760	996
-20°	130	136	142	149	161	178	209	260	328	465	602



REPORT NUMBER: P640288 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_BLUE ONLY

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	126	132	138	143	151	163	178	205	243	288	358
-25°	121	128	134	139	144	151	161	172	193	213	243
-27.5°	115	123	130	134	139	143	149	156	166	174	189
-30°	109	116	123	130	134	138	142	146	151	156	162
-32.5°	95	110	116	123	128	132	136	139	142	145	148
-35°	79	95	109	115	121	126	130	133	135	138	140
-37.5°	63	78	92	105	112	117	122	126	129	131	133
-40°	55	60	73	86	98	108	113	117	120	123	125
-42.5°	52	54	56	66	77	87	97	105	110	113	115
-45°	49	51	53	55	57	65	74	82	89	95	99
-47.5°	45	48	50	51	53	54	56	58	65	70	75
-50°	40	43	46	48	50	51	52	53	54	55	56
-52.5°	35	37	40	43	45	47	49	50	50	51	51
-55°	30	32	34	37	39	41	42	44	45	46	47
-57.5°	26	28	30	31	33	34	36	37	39	40	40
-60°	21	23	25	26	28	29	30	31	32	33	34
-62.5°	16	18	20	21	22	24	25	26	27	27	28
-65°	13	14	15	16	17	18	19	20	21	21	22
-67.5°	9	10	11	12	13	13	14	15	15	16	16
-70°	5	6	7	7	8	9	9	10	11	11	11
-72.5°	2	3	3	4	4	5	5	6	6	6	7
-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: P640288 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_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°	7	7	7	7	7	7	7	7	6	6	6
70°	12	12	12	12	12	12	12	11	11	11	10
67.5°	17	17	17	17	17	17	17	16	16	15	15
65°	22	23	23	23	23	23	22	22	21	21	20
62.5°	28	29	29	29	29	29	28	28	27	27	26
60°	34	35	35	35	35	35	34	34	33	32	31
57.5°	41	42	42	42	42	42	41	40	40	39	37
55°	48	49	49	49	49	49	48	47	46	45	44
52.5°	52	52	52	52	52	52	52	51	51	50	50
50°	56	57	57	57	57	57	56	56	55	54	53
47.5°	78	81	82	83	82	81	78	75	70	65	58
45°	103	106	107	108	107	106	103	99	95	89	82
42.5°	117	118	119	119	119	118	117	115	113	110	105
40°	127	128	129	129	129	128	127	125	123	120	117
37.5°	134	135	136	136	136	135	134	133	131	129	126
35°	141	142	143	143	143	142	141	140	138	135	133
32.5°	151	153	154	154	154	153	151	148	145	142	139
30°	167	171	173	174	173	171	167	162	156	151	146
27.5°	202	211	216	218	216	211	202	189	174	166	156
25°	271	292	305	309	305	292	271	243	213	193	172
22.5°	444	508	548	561	548	508	444	358	288	243	205
20°	775	904	983	1010	983	904	775	602	465	328	260
17.5°	1344	1615	1783	1841	1783	1615	1344	996	760	521	354
15°	2176	2587	2845	2934	2845	2587	2176	1687	1198	814	521
12.5°	3147	3665	3996	4111	3996	3665	3147	2515	1805	1198	760
10°	4123	4790	5232	5387	5232	4790	4123	3355	2515	1687	996
7.5°	5085	5934	6571	6793	6571	5934	5085	4123	3147	2176	1344
5°	5934	7031	7723	7964	7723	7031	5934	4790	3665	2587	1615
2.5°	6571	7723	8455	8808	8455	7723	6571	5232	3996	2845	1783
0°	6793	7964	8808	9264	8808	7964	6793	5387	4111	2934	1841
-2.5°	6571	7723	8455	8808	8455	7723	6571	5232	3996	2845	1783
-5°	5934	7031	7723	7964	7723	7031	5934	4790	3665	2587	1615
-7.5°	5085	5934	6571	6793	6571	5934	5085	4123	3147	2176	1344
-10°	4123	4790	5232	5387	5232	4790	4123	3355	2515	1687	996
-12.5°	3147	3665	3996	4111	3996	3665	3147	2515	1805	1198	760
-15°	2176	2587	2845	2934	2845	2587	2176	1687	1198	814	521
-17.5°	1344	1615	1783	1841	1783	1615	1344	996	760	521	354
-20°	775	904	983	1010	983	904	775	602	465	328	260



REPORT NUMBER: P640288 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_BLUE ONLY

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	444	508	548	561	548	508	444	358	288	243	205
-25°	271	292	305	309	305	292	271	243	213	193	172
-27.5°	202	211	216	218	216	211	202	189	174	166	156
-30°	167	171	173	174	173	171	167	162	156	151	146
-32.5°	151	153	154	154	154	153	151	148	145	142	139
-35°	141	142	143	143	143	142	141	140	138	135	133
-37.5°	134	135	136	136	136	135	134	133	131	129	126
-40°	127	128	129	129	129	128	127	125	123	120	117
-42.5°	117	118	119	119	119	118	117	115	113	110	105
-45°	103	106	107	108	107	106	103	99	95	89	82
-47.5°	78	81	82	83	82	81	78	75	70	65	58
-50°	56	57	57	57	57	57	56	56	55	54	53
-52.5°	52	52	52	52	52	52	52	51	51	50	50
-55°	48	49	49	49	49	49	48	47	46	45	44
-57.5°	41	42	42	42	42	42	41	40	40	39	37
-60°	34	35	35	35	35	35	34	34	33	32	31
-62.5°	28	29	29	29	29	29	28	28	27	27	26
-65°	22	23	23	23	23	23	22	22	21	21	20
-67.5°	17	17	17	17	17	17	17	16	16	15	15
-70°	12	12	12	12	12	12	12	11	11	11	10
-72.5°	7	7	7	7	7	7	7	7	6	6	6
-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: P640288 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_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°	5	5	4	4	3	3	2	2	2	1	1
70°	9	9	8	7	7	6	5	4	3	3	2
67.5°	14	13	13	12	11	10	9	7	6	5	4
65°	19	18	17	16	15	14	13	11	10	8	7
62.5°	25	24	22	21	20	18	16	15	13	12	10
60°	30	29	28	26	25	23	21	19	17	15	13
57.5°	36	34	33	31	30	28	26	24	21	19	17
55°	42	41	39	37	34	32	30	28	26	23	20
52.5°	49	47	45	43	40	37	35	32	30	27	24
50°	52	51	50	48	46	43	40	37	34	31	28
47.5°	56	54	53	51	50	48	45	42	38	35	31
45°	74	65	57	55	53	51	49	47	43	39	35
42.5°	97	87	77	66	56	54	52	50	47	43	39
40°	113	108	98	86	73	60	55	52	50	47	43
37.5°	122	117	112	105	92	78	63	55	52	50	47
35°	130	126	121	115	109	95	79	63	55	52	49
32.5°	136	132	128	123	116	110	95	78	60	54	51
30°	142	138	134	130	123	116	109	92	73	56	53
27.5°	149	143	139	134	130	123	115	105	86	66	55
25°	161	151	144	139	134	128	121	112	98	77	57
22.5°	178	163	151	143	138	132	126	117	108	87	65
20°	209	178	161	149	142	136	130	122	113	97	74
17.5°	260	205	172	156	146	139	133	126	117	105	82
15°	328	243	193	166	151	142	135	129	120	110	89
12.5°	465	288	213	174	156	145	138	131	123	113	95
10°	602	358	243	189	162	148	140	133	125	115	99
7.5°	775	444	271	202	167	151	141	134	127	117	103
5°	904	508	292	211	171	153	142	135	128	118	106
2.5°	983	548	305	216	173	154	143	136	129	119	107
0°	1010	561	309	218	174	154	143	136	129	119	108
-2.5°	983	548	305	216	173	154	143	136	129	119	107
-5°	904	508	292	211	171	153	142	135	128	118	106
-7.5°	775	444	271	202	167	151	141	134	127	117	103
-10°	602	358	243	189	162	148	140	133	125	115	99
-12.5°	465	288	213	174	156	145	138	131	123	113	95
-15°	328	243	193	166	151	142	135	129	120	110	89
-17.5°	260	205	172	156	146	139	133	126	117	105	82
-20°	209	178	161	149	142	136	130	122	113	97	74



REPORT NUMBER: P640288 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_BLUE ONLY

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	178	163	151	143	138	132	126	117	108	87	65
-25°	161	151	144	139	134	128	121	112	98	77	57
-27.5°	149	143	139	134	130	123	115	105	86	66	55
-30°	142	138	134	130	123	116	109	92	73	56	53
-32.5°	136	132	128	123	116	110	95	78	60	54	51
-35°	130	126	121	115	109	95	79	63	55	52	49
-37.5°	122	117	112	105	92	78	63	55	52	50	47
-40°	113	108	98	86	73	60	55	52	50	47	43
-42.5°	97	87	77	66	56	54	52	50	47	43	39
-45°	74	65	57	55	53	51	49	47	43	39	35
-47.5°	56	54	53	51	50	48	45	42	38	35	31
-50°	52	51	50	48	46	43	40	37	34	31	28
-52.5°	49	47	45	43	40	37	35	32	30	27	24
-55°	42	41	39	37	34	32	30	28	26	23	20
-57.5°	36	34	33	31	30	28	26	24	21	19	17
-60°	30	29	28	26	25	23	21	19	17	15	13
-62.5°	25	24	22	21	20	18	16	15	13	12	10
-65°	19	18	17	16	15	14	13	11	10	8	7
-67.5°	14	13	13	12	11	10	9	7	6	5	4
-70°	9	9	8	7	7	6	5	4	3	3	2
-72.5°	5	5	4	4	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: P640288 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_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°	6	4	3	2	1	1	1	1	1	0	0
62.5°	8	7	5	4	2	2	1	1	1	1	0
60°	11	9	7	6	4	3	2	1	1	1	0
57.5°	15	12	10	8	6	4	2	1	1	1	1
55°	18	15	13	10	8	6	4	2	1	1	1
52.5°	21	18	16	13	10	7	5	3	2	1	1
50°	25	22	18	15	12	9	7	4	2	1	1
47.5°	28	25	21	18	15	11	8	6	3	2	1
45°	31	28	24	20	17	13	10	7	4	2	1
42.5°	35	31	27	23	19	15	12	8	5	3	1
40°	38	34	30	26	21	17	13	10	6	3	2
37.5°	42	37	32	28	24	19	15	11	7	4	2
35°	45	40	35	30	26	21	16	13	9	5	2
32.5°	48	43	37	32	28	23	18	14	10	6	3
30°	50	46	40	34	30	25	20	15	11	7	3
27.5°	51	48	43	37	31	26	21	16	12	7	4
25°	53	50	45	39	33	28	22	17	13	8	4
22.5°	54	51	47	41	34	29	24	18	13	9	5
20°	56	52	49	42	36	30	25	19	14	9	5
17.5°	58	53	50	44	37	31	26	20	15	10	6
15°	65	54	50	45	39	32	27	21	15	11	6
12.5°	70	55	51	46	40	33	27	21	16	11	6
10°	75	56	51	47	40	34	28	22	16	11	7
7.5°	78	56	52	48	41	34	28	22	17	12	7
5°	81	57	52	49	42	35	29	23	17	12	7
2.5°	82	57	52	49	42	35	29	23	17	12	7
0°	83	57	52	49	42	35	29	23	17	12	7
-2.5°	82	57	52	49	42	35	29	23	17	12	7
-5°	81	57	52	49	42	35	29	23	17	12	7
-7.5°	78	56	52	48	41	34	28	22	17	12	7
-10°	75	56	51	47	40	34	28	22	16	11	7
-12.5°	70	55	51	46	40	33	27	21	16	11	6
-15°	65	54	50	45	39	32	27	21	15	11	6
-17.5°	58	53	50	44	37	31	26	20	15	10	6
-20°	56	52	49	42	36	30	25	19	14	9	5



REPORT NUMBER: P640288 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_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	51	47	41	34	29	24	18	13	9	5
-25°	53	50	45	39	33	28	22	17	13	8	4
-27.5°	51	48	43	37	31	26	21	16	12	7	4
-30°	50	46	40	34	30	25	20	15	11	7	3
-32.5°	48	43	37	32	28	23	18	14	10	6	3
-35°	45	40	35	30	26	21	16	13	9	5	2
-37.5°	42	37	32	28	24	19	15	11	7	4	2
-40°	38	34	30	26	21	17	13	10	6	3	2
-42.5°	35	31	27	23	19	15	12	8	5	3	1
-45°	31	28	24	20	17	13	10	7	4	2	1
-47.5°	28	25	21	18	15	11	8	6	3	2	1
-50°	25	22	18	15	12	9	7	4	2	1	1
-52.5°	21	18	16	13	10	7	5	3	2	1	1
-55°	18	15	13	10	8	6	4	2	1	1	1
-57.5°	15	12	10	8	6	4	2	1	1	1	1
-60°	11	9	7	6	4	3	2	1	1	1	0
-62.5°	8	7	5	4	2	2	1	1	1	1	0
-65°	6	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: P640288 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_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: P640288 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_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)