

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: P640290 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 2/13/2023

Test Information

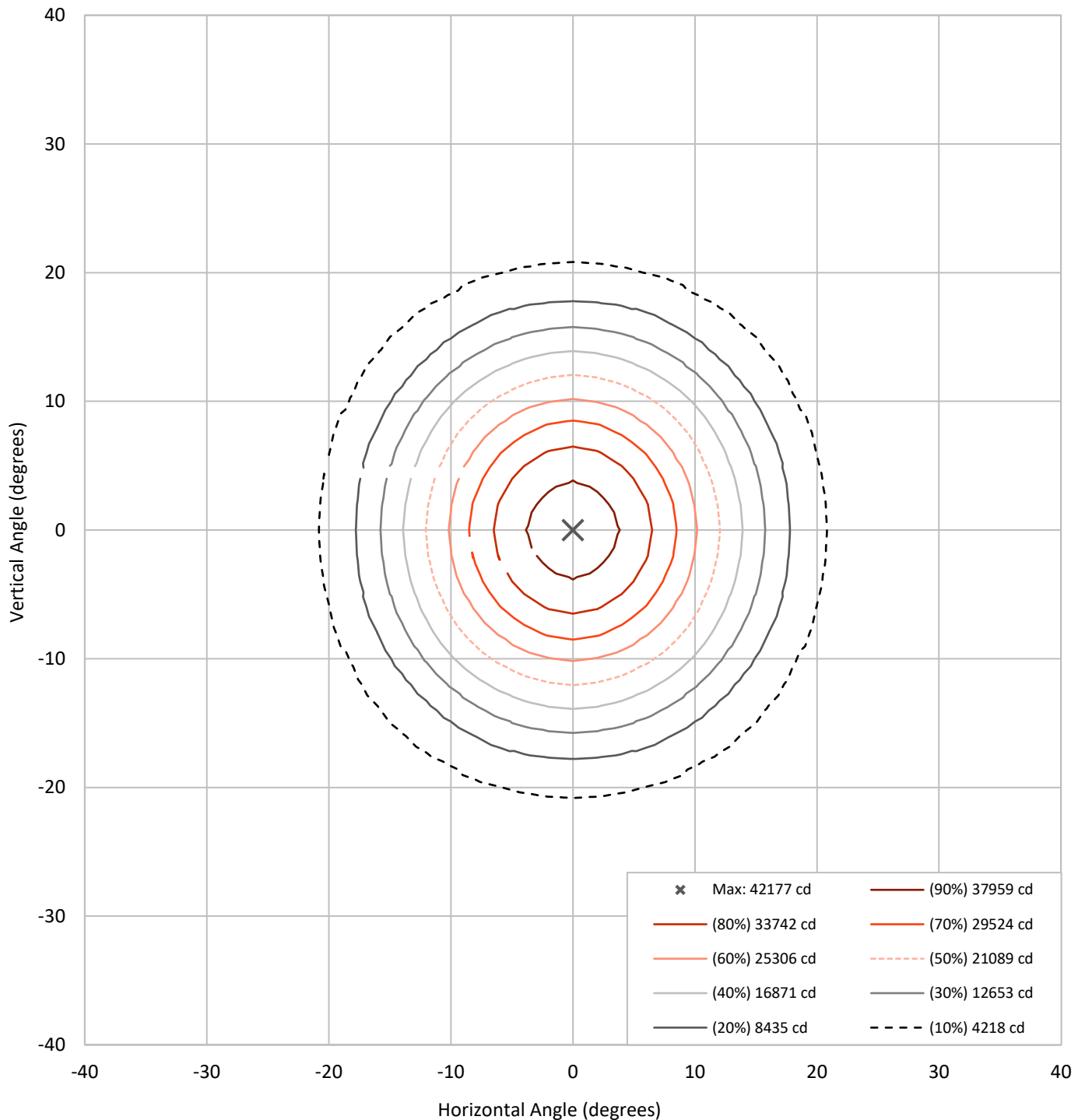
Test Method: LM-79-08
Report Number: P640290 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-885-1)
Test Lab: INNOVATION CENTER
Issue Date: 2/13/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-LS-08PR-500PL-RGB-2S_RED 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:	8724.2 lumens	Max Intensity:	42177 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	36.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	24.1°H x 24.1°V	Field Angle (10%):	41.6°H x 41.6°V
Beam Lumens:	4224.5 lumens	Field Lumens:	7057.4 lumens
Beam Efficiency:	48.4%	Field Efficiency:	80.9%
Input Watts (W):	242.3		
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: P640290 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_RED ONLY

Iso-Candela Plot





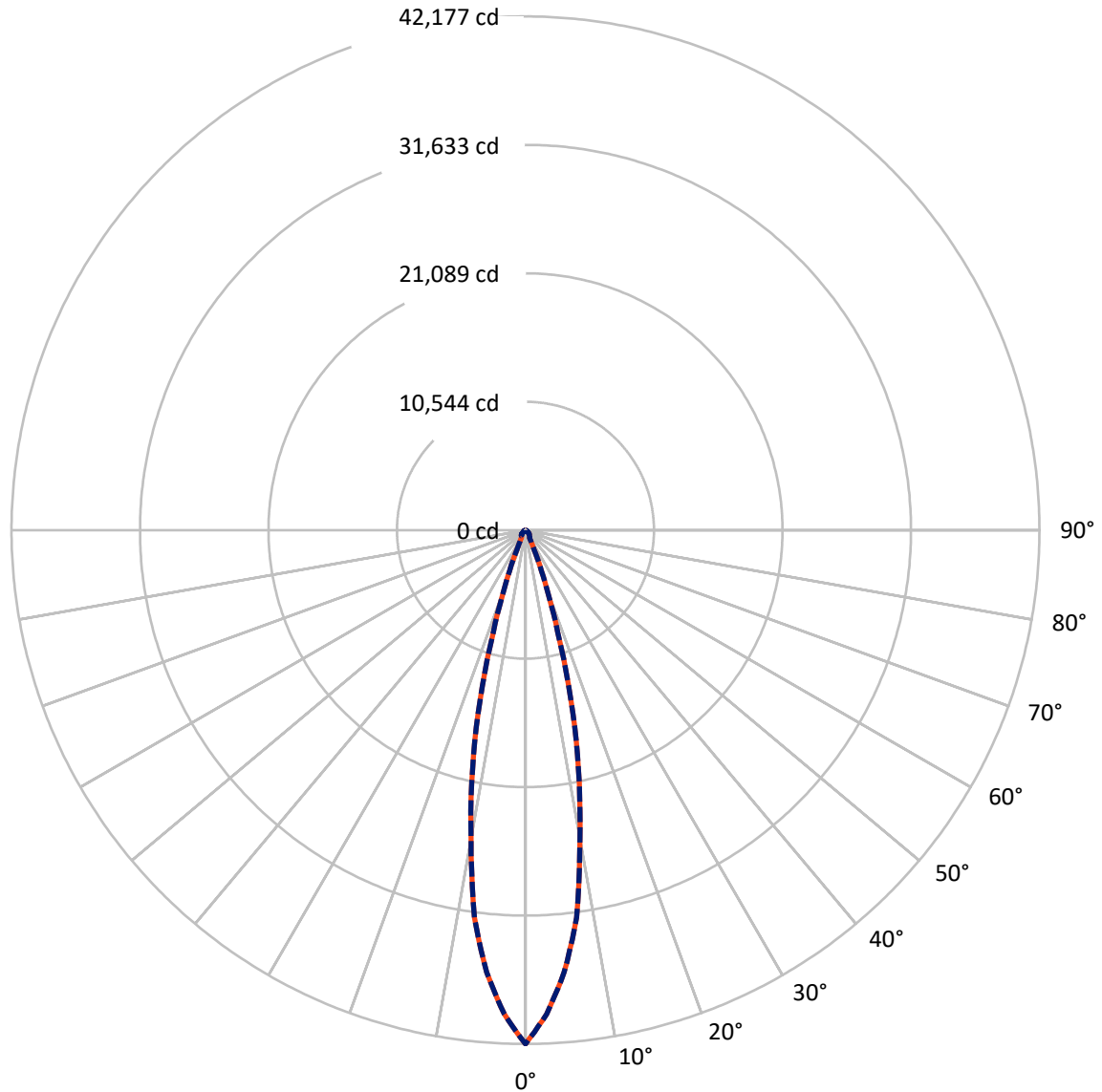
REPORT NUMBER: P640290 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_RED ONLY

Lumen Table

90	0.0		0.2		0.5		1.1		1.4		1.1		0.5		0.2		0.0		
80	0.0		0.2		0.5		1.1		1.4		1.1		0.5		0.2		0.0		
70	0.1	0.1	0.3	0.7	1.3	1.9	2.4	2.7	2.7	2.4	1.9	1.3	0.7	0.3	0.1	0.1	0.1	0.1	
60		0.2	0.8	1.7	3.0	4.2	5.0	5.5	5.5	5.0	4.2	3.0	1.7	0.8	0.2				
50	0.2	0.4	1.4	3.0	4.7	7.2	10.3	12.2	12.2	10.3	7.2	4.7	3.0	1.4	0.4	0.2	0.2	0.2	
40		0.7	2.1	4.1	8.1	13.4	16.1	17.5	17.5	16.1	13.4	8.1	4.1	2.1	0.7				
30	0.3	0.9	2.7	5.6	12.1	16.2	24.9	49.7	49.7	24.9	16.2	12.1	5.6	2.7	0.9	0.3	0.3	0.3	
20		1.1	3.0	7.7	13.7	23.5	135.5	379.1	379.1	135.5	23.5	13.7	7.7	3.0	1.1				
10	0.4	1.2	3.2	8.8	14.4	45.7	369.4	928.5	928.5	369.4	45.7	14.4	8.8	3.2	1.2	0.4	0.4	0.4	
0		1.2	3.2	8.8	14.4	45.7	369.4	928.5	928.5	369.4	45.7	14.4	8.8	3.2	1.2				
-10	0.3	1.1	3.0	7.7	13.7	23.5	135.5	379.1	379.1	135.5	23.5	13.7	7.7	3.0	1.1	0.3	0.3	0.3	
-20		0.9	2.7	5.6	12.1	16.2	24.9	49.7	49.7	24.9	16.2	12.1	5.6	2.7	0.9				
-30	0.2	0.7	2.1	4.1	8.1	13.4	16.1	17.5	17.5	16.1	13.4	8.1	4.1	2.1	0.7	0.2	0.2	0.2	
-40		0.4	1.4	3.0	4.7	7.2	10.3	12.2	12.2	10.3	7.2	4.7	3.0	1.4	0.4				
-50	0.1	0.2	0.8	1.7	3.0	4.2	5.0	5.5	5.5	5.0	4.2	3.0	1.7	0.8	0.2	0.1	0.1	0.1	
-60		0.1	0.3	0.7	1.3	1.9	2.4	2.7	2.7	2.4	1.9	1.3	0.7	0.3	0.1				
-70	0.0	0.2		0.5		1.1		1.4		1.1		0.5		0.2		0.0	0.0	0.0	
-80		0.2		0.5		1.1		1.4		1.1		0.5		0.2					
-90	0.0		0.2		0.5		1.1		1.4		1.1		0.5		0.2		0.0		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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

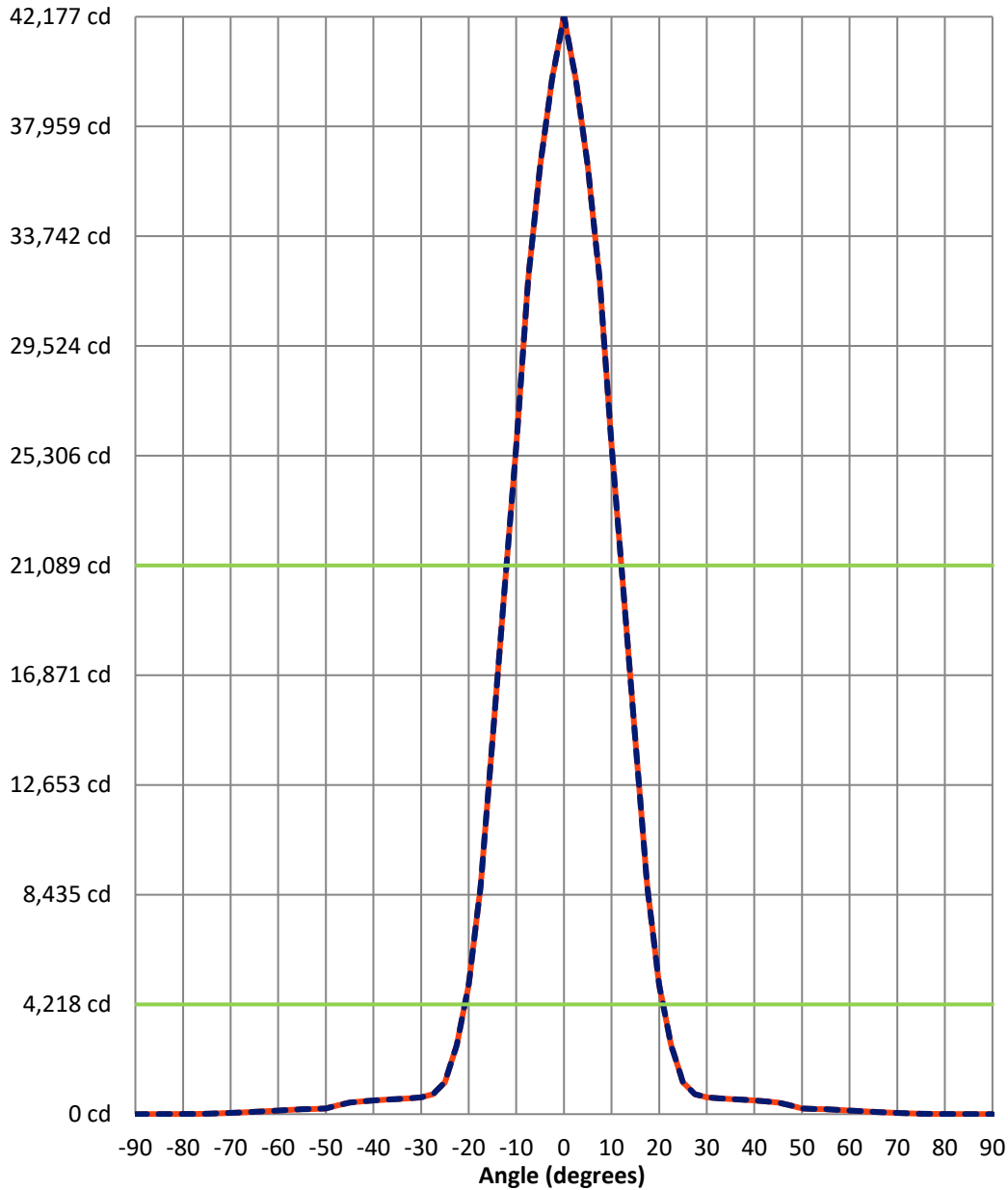
Luminous Intensity Polar Plot



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

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

Luminous Intensity Plot



Beam:
 H Angle: 24.1°
 V Angle: 24.1°
 Lumens: 4224.5
 Efficiency: 48.4%

Field:
 H Angle: 41.6°
 V Angle: 41.6°
 Lumens: 7057.4
 Efficiency: 80.9%

Spill:
 Lumens: 1666.9
 Efficiency: 19.1%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg



REPORT NUMBER: P640290 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_RED 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	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
85°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
82.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.1	2.3
80°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.2	2.4	2.5	2.7
77.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.3	2.5	2.7	2.9	3.1
75°	0.0	0.5	1.0	1.5	2.0	2.3	2.5	2.8	3.0	3.3	3.5
72.5°	0.0	0.6	1.2	1.8	2.2	2.5	2.8	3.1	3.4	3.6	3.9
70°	0.0	0.7	1.4	2.0	2.4	2.7	3.0	3.4	3.7	4.0	4.6
67.5°	0.0	0.8	1.5	2.1	2.5	2.9	3.3	3.6	4.0	4.7	5.4
65°	0.0	0.8	1.7	2.3	2.7	3.1	3.5	3.9	4.6	5.4	6.3
62.5°	0.0	0.9	1.8	2.4	2.8	3.3	3.7	4.4	5.3	6.2	7.5
60°	0.0	1.0	2.0	2.5	3.0	3.5	4.0	4.9	5.9	7.2	8.6
57.5°	0.0	1.1	2.1	2.6	3.1	3.7	4.4	5.4	6.7	8.2	10.7
55°	0.0	1.1	2.1	2.7	3.3	3.9	4.8	5.9	7.6	9.5	13.3
52.5°	0.0	1.2	2.2	2.8	3.4	4.1	5.3	6.7	8.4	11.7	15.7
50°	0.0	1.3	2.3	2.9	3.6	4.4	5.7	7.4	9.6	13.9	20.6
47.5°	0.0	1.4	2.4	3.0	3.7	4.7	6.1	8.1	11.4	16.0	25.5
45°	0.0	1.4	2.4	3.1	3.8	5.0	6.7	8.7	13.2	20.2	30.3
42.5°	0.0	1.5	2.5	3.2	3.9	5.3	7.2	9.9	14.9	24.3	35.5
40°	0.0	1.5	2.5	3.3	4.1	5.6	7.7	11.3	17.1	28.3	40.4
37.5°	0.0	1.6	2.6	3.4	4.3	5.9	8.2	12.6	20.5	32.2	45.2
35°	0.0	1.6	2.6	3.5	4.5	6.3	8.7	13.9	23.6	36.2	49.9
32.5°	0.0	1.7	2.7	3.5	4.7	6.6	9.3	15.1	26.6	40.0	54.7
30°	0.0	1.7	2.7	3.6	4.9	7.0	10.3	16.6	29.4	43.6	59.2
27.5°	0.0	1.8	2.8	3.7	5.1	7.3	11.2	18.8	32.1	46.9	63.3
25°	0.0	1.8	2.8	3.7	5.2	7.6	12.0	20.9	34.8	50.2	67.2
22.5°	0.0	1.8	2.8	3.8	5.4	7.8	12.7	22.8	37.3	53.4	71.4
20°	0.0	1.9	2.9	3.8	5.5	8.1	13.4	24.5	39.5	56.2	75.3
17.5°	0.0	1.9	2.9	3.9	5.6	8.3	14.0	26.0	41.5	58.7	78.7
15°	0.0	1.9	2.9	3.9	5.7	8.5	14.5	27.3	43.2	60.9	81.7
12.5°	0.0	2.0	3.0	3.9	5.8	8.6	15.0	28.4	44.6	62.7	84.2
10°	0.0	2.0	3.0	4.0	5.9	8.8	15.3	29.4	45.8	64.3	86.3
7.5°	0.0	2.0	3.0	4.0	5.9	8.9	15.6	30.1	46.8	65.5	87.9
5°	0.0	2.0	3.0	4.0	6.0	8.9	15.8	30.6	47.5	66.3	89.1
2.5°	0.0	2.0	3.0	4.0	6.0	9.0	16.0	30.9	47.9	66.8	89.8
0°	0.0	2.0	3.0	4.0	6.0	9.0	16.0	31.0	48.0	67.0	90.0
-2.5°	0.0	2.0	3.0	4.0	6.0	9.0	16.0	30.9	47.9	66.8	89.8
-5°	0.0	2.0	3.0	4.0	6.0	8.9	15.8	30.6	47.5	66.3	89.1
-7.5°	0.0	2.0	3.0	4.0	5.9	8.9	15.6	30.1	46.8	65.5	87.9
-10°	0.0	2.0	3.0	4.0	5.9	8.8	15.3	29.4	45.8	64.3	86.3
-12.5°	0.0	2.0	3.0	3.9	5.8	8.6	15.0	28.4	44.6	62.7	84.2
-15°	0.0	1.9	2.9	3.9	5.7	8.5	14.5	27.3	43.2	60.9	81.7
-17.5°	0.0	1.9	2.9	3.9	5.6	8.3	14.0	26.0	41.5	58.7	78.7
-20°	0.0	1.9	2.9	3.8	5.5	8.1	13.4	24.5	39.5	56.2	75.3



REPORT NUMBER: P640290 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_RED ONLY

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.8	2.8	3.8	5.4	7.8	12.7	22.8	37.3	53.4	71.4
-25°	0.0	1.8	2.8	3.7	5.2	7.6	12.0	20.9	34.8	50.2	67.2
-27.5°	0.0	1.8	2.8	3.7	5.1	7.3	11.2	18.8	32.1	46.9	63.3
-30°	0.0	1.7	2.7	3.6	4.9	7.0	10.3	16.6	29.4	43.6	59.2
-32.5°	0.0	1.7	2.7	3.5	4.7	6.6	9.3	15.1	26.6	40.0	54.7
-35°	0.0	1.6	2.6	3.5	4.5	6.3	8.7	13.9	23.6	36.2	49.9
-37.5°	0.0	1.6	2.6	3.4	4.3	5.9	8.2	12.6	20.5	32.2	45.2
-40°	0.0	1.5	2.5	3.3	4.1	5.6	7.7	11.3	17.1	28.3	40.4
-42.5°	0.0	1.5	2.5	3.2	3.9	5.3	7.2	9.9	14.9	24.3	35.5
-45°	0.0	1.4	2.4	3.1	3.8	5.0	6.7	8.7	13.2	20.2	30.3
-47.5°	0.0	1.4	2.4	3.0	3.7	4.7	6.1	8.1	11.4	16.0	25.5
-50°	0.0	1.3	2.3	2.9	3.6	4.4	5.7	7.4	9.6	13.9	20.6
-52.5°	0.0	1.2	2.2	2.8	3.4	4.1	5.3	6.7	8.4	11.7	15.7
-55°	0.0	1.1	2.1	2.7	3.3	3.9	4.8	5.9	7.6	9.5	13.3
-57.5°	0.0	1.1	2.1	2.6	3.1	3.7	4.4	5.4	6.7	8.2	10.7
-60°	0.0	1.0	2.0	2.5	3.0	3.5	4.0	4.9	5.9	7.2	8.6
-62.5°	0.0	0.9	1.8	2.4	2.8	3.3	3.7	4.4	5.3	6.2	7.5
-65°	0.0	0.8	1.7	2.3	2.7	3.1	3.5	3.9	4.6	5.4	6.3
-67.5°	0.0	0.8	1.5	2.1	2.5	2.9	3.3	3.6	4.0	4.7	5.4
-70°	0.0	0.7	1.4	2.0	2.4	2.7	3.0	3.4	3.7	4.0	4.6
-72.5°	0.0	0.6	1.2	1.8	2.2	2.5	2.8	3.1	3.4	3.6	3.9
-75°	0.0	0.5	1.0	1.5	2.0	2.3	2.5	2.8	3.0	3.3	3.5
-77.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.3	2.5	2.7	2.9	3.1
-80°	0.0	0.3	0.7	1.0	1.4	1.7	2.0	2.2	2.4	2.5	2.7
-82.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.1	2.3
-85°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
-87.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P640290 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_RED 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	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.5	1.6
85°	1.8	2.0	2.1	2.1	2.2	2.3	2.4	2.4	2.5	2.5	2.6
82.5°	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4
80°	2.8	3.0	3.1	3.3	3.4	3.6	3.7	3.8	3.9	4.1	4.3
77.5°	3.3	3.5	3.7	3.9	4.1	4.4	4.7	5.0	5.3	5.6	5.9
75°	3.7	4.0	4.4	4.8	5.3	5.7	6.1	6.7	7.2	7.7	8.2
72.5°	4.4	4.9	5.4	5.9	6.7	7.4	8.1	8.7	9.9	11.3	12.6
70°	5.3	5.9	6.7	7.6	8.4	9.6	11.4	13.2	14.9	17.1	20.5
67.5°	6.2	7.2	8.2	9.5	11.7	13.9	16.0	20.2	24.3	28.3	32.2
65°	7.5	8.6	10.7	13.3	15.7	20.6	25.5	30.3	35.5	40.4	45.2
62.5°	8.8	11.4	14.2	18.1	24.0	29.6	35.6	41.6	47.3	53.4	59.3
60°	11.4	14.5	19.5	26.0	32.5	39.5	46.2	53.4	60.4	67.2	75.0
57.5°	14.2	19.5	26.7	34.1	41.8	49.6	57.8	65.7	74.7	83.6	92.2
55°	18.1	26.0	34.1	42.6	51.3	60.4	69.8	80.1	90.2	100.2	109.9
52.5°	24.0	32.5	41.8	51.3	61.3	71.9	83.4	94.8	106.0	116.8	127.2
50°	29.6	39.5	49.6	60.4	71.9	84.5	97.1	109.5	121.6	133.2	144.9
47.5°	35.6	46.2	57.8	69.8	83.4	97.1	110.7	123.9	136.8	150.1	163.1
45°	41.6	53.4	65.7	80.1	94.8	109.5	123.9	138.0	152.8	167.1	180.9
42.5°	47.3	60.4	74.7	90.2	106.0	121.6	136.8	152.8	168.4	183.6	192.9
40°	53.4	67.2	83.6	100.2	116.8	133.2	150.1	167.1	183.6	193.4	198.7
37.5°	59.3	75.0	92.2	109.9	127.2	144.9	163.1	180.9	192.9	198.7	211.1
35°	64.9	82.4	100.7	119.0	137.2	156.4	175.5	191.4	197.7	209.9	244.6
32.5°	70.9	89.5	108.7	127.7	147.3	167.4	187.2	195.8	206.6	230.8	314.9
30°	76.9	96.3	116.2	135.9	156.9	177.8	192.9	201.1	216.4	293.9	377.1
27.5°	82.4	102.7	123.2	144.1	165.9	187.5	196.5	209.8	259.4	351.9	433.4
25°	87.6	108.7	129.8	151.7	174.2	192.3	201.0	217.8	311.6	401.3	462.1
22.5°	92.4	114.1	135.7	158.8	181.9	195.2	208.0	256.9	357.4	445.9	482.6
20°	96.9	119.0	141.4	165.2	188.9	197.8	214.3	297.8	396.4	463.3	499.4
17.5°	100.8	123.4	146.6	170.9	191.8	201.5	224.5	334.5	431.5	479.1	513.7
15°	104.3	127.2	151.2	175.9	193.7	206.0	254.3	363.6	452.2	492.4	526.3
12.5°	107.2	130.5	155.0	180.2	195.3	210.0	279.8	388.1	463.3	502.4	535.5
10°	109.7	133.2	158.3	183.7	196.6	213.2	301.0	408.4	472.4	510.8	543.1
7.5°	111.6	135.3	160.8	186.4	197.6	215.7	317.5	424.3	479.6	517.4	549.1
5°	112.9	136.8	162.6	188.4	198.4	217.5	329.4	435.8	484.8	522.2	553.5
2.5°	113.7	137.7	163.6	189.6	198.8	218.6	336.6	442.7	488.0	525.0	556.1
0°	114.0	138.0	164.0	190.0	199.0	219.0	339.0	445.0	489.0	526.0	557.0
-2.5°	113.7	137.7	163.6	189.6	198.8	218.6	336.6	442.7	488.0	525.0	556.1
-5°	112.9	136.8	162.6	188.4	198.4	217.5	329.4	435.8	484.8	522.2	553.5
-7.5°	111.6	135.3	160.8	186.4	197.6	215.7	317.5	424.3	479.6	517.4	549.1
-10°	109.7	133.2	158.3	183.7	196.6	213.2	301.0	408.4	472.4	510.8	543.1
-12.5°	107.2	130.5	155.0	180.2	195.3	210.0	279.8	388.1	463.3	502.4	535.5
-15°	104.3	127.2	151.2	175.9	193.7	206.0	254.3	363.6	452.2	492.4	526.3
-17.5°	100.8	123.4	146.6	170.9	191.8	201.5	224.5	334.5	431.5	479.1	513.7
-20°	96.9	119.0	141.4	165.2	188.9	197.8	214.3	297.8	396.4	463.3	499.4



REPORT NUMBER: P640290 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_RED ONLY

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	92.4	114.1	135.7	158.8	181.9	195.2	208.0	256.9	357.4	445.9	482.6
-25°	87.6	108.7	129.8	151.7	174.2	192.3	201.0	217.8	311.6	401.3	462.1
-27.5°	82.4	102.7	123.2	144.1	165.9	187.5	196.5	209.8	259.4	351.9	433.4
-30°	76.9	96.3	116.2	135.9	156.9	177.8	192.9	201.1	216.4	293.9	377.1
-32.5°	70.9	89.5	108.7	127.7	147.3	167.4	187.2	195.8	206.6	230.8	314.9
-35°	64.9	82.4	100.7	119.0	137.2	156.4	175.5	191.4	197.7	209.9	244.6
-37.5°	59.3	75.0	92.2	109.9	127.2	144.9	163.1	180.9	192.9	198.7	211.1
-40°	53.4	67.2	83.6	100.2	116.8	133.2	150.1	167.1	183.6	193.4	198.7
-42.5°	47.3	60.4	74.7	90.2	106.0	121.6	136.8	152.8	168.4	183.6	192.9
-45°	41.6	53.4	65.7	80.1	94.8	109.5	123.9	138.0	152.8	167.1	180.9
-47.5°	35.6	46.2	57.8	69.8	83.4	97.1	110.7	123.9	136.8	150.1	163.1
-50°	29.6	39.5	49.6	60.4	71.9	84.5	97.1	109.5	121.6	133.2	144.9
-52.5°	24.0	32.5	41.8	51.3	61.3	71.9	83.4	94.8	106.0	116.8	127.2
-55°	18.1	26.0	34.1	42.6	51.3	60.4	69.8	80.1	90.2	100.2	109.9
-57.5°	14.2	19.5	26.7	34.1	41.8	49.6	57.8	65.7	74.7	83.6	92.2
-60°	11.4	14.5	19.5	26.0	32.5	39.5	46.2	53.4	60.4	67.2	75.0
-62.5°	8.8	11.4	14.2	18.1	24.0	29.6	35.6	41.6	47.3	53.4	59.3
-65°	7.5	8.6	10.7	13.3	15.7	20.6	25.5	30.3	35.5	40.4	45.2
-67.5°	6.2	7.2	8.2	9.5	11.7	13.9	16.0	20.2	24.3	28.3	32.2
-70°	5.3	5.9	6.7	7.6	8.4	9.6	11.4	13.2	14.9	17.1	20.5
-72.5°	4.4	4.9	5.4	5.9	6.7	7.4	8.1	8.7	9.9	11.3	12.6
-75°	3.7	4.0	4.4	4.8	5.3	5.7	6.1	6.7	7.2	7.7	8.2
-77.5°	3.3	3.5	3.7	3.9	4.1	4.4	4.7	5.0	5.3	5.6	5.9
-80°	2.8	3.0	3.1	3.3	3.4	3.6	3.7	3.8	3.9	4.1	4.3
-82.5°	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4
-85°	1.8	2.0	2.1	2.1	2.2	2.3	2.4	2.4	2.5	2.5	2.6
-87.5°	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.5	1.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P640290 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_RED 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	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0
85°	2.6	2.7	2.7	2.8	2.8	2.8	2.9	2.9	2.9	3.0	3.0
82.5°	3.5	3.5	3.6	3.7	3.7	3.8	3.8	3.9	3.9	3.9	4.0
80°	4.5	4.7	4.9	5.1	5.2	5.4	5.5	5.6	5.7	5.8	5.9
77.5°	6.3	6.6	7.0	7.3	7.6	7.8	8.1	8.3	8.5	8.6	8.8
75°	8.7	9.3	10.3	11.2	12.0	12.7	13.4	14.0	14.5	15.0	15.3
72.5°	13.9	15.1	16.6	18.8	20.9	22.8	24.5	26.0	27.3	28.4	29.4
70°	23.6	26.6	29.4	32.1	34.8	37.3	39.5	41.5	43.2	44.6	45.8
67.5°	36.2	40.0	43.6	46.9	50.2	53.4	56.2	58.7	60.9	62.7	64.3
65°	49.9	54.7	59.2	63.3	67.2	71.4	75.3	78.7	81.7	84.2	86.3
62.5°	64.9	70.9	76.9	82.4	87.6	92.4	96.9	100.8	104.3	107.2	109.7
60°	82.4	89.5	96.3	102.7	108.7	114.1	119.0	123.4	127.2	130.5	133.2
57.5°	100.7	108.7	116.2	123.2	129.8	135.7	141.4	146.6	151.2	155.0	158.3
55°	119.0	127.7	135.9	144.1	151.7	158.8	165.2	170.9	175.9	180.2	183.7
52.5°	137.2	147.3	156.9	165.9	174.2	181.9	188.9	191.8	193.7	195.3	196.6
50°	156.4	167.4	177.8	187.5	192.3	195.2	197.8	201.5	206.0	210.0	213.2
47.5°	175.5	187.2	192.9	196.5	201.0	208.0	214.3	224.5	254.3	279.8	301.0
45°	191.4	195.8	201.1	209.8	217.8	256.9	297.8	334.5	363.6	388.1	408.4
42.5°	197.7	206.6	216.4	259.4	311.6	357.4	396.4	431.5	452.2	463.3	472.4
40°	209.9	230.8	293.9	351.9	401.3	445.9	463.3	479.1	492.4	502.4	510.8
37.5°	244.6	314.9	377.1	433.4	462.1	482.6	499.4	513.7	526.3	535.5	543.1
35°	322.0	389.8	448.3	473.2	495.5	513.9	530.1	543.0	554.5	562.6	568.7
32.5°	389.8	451.0	478.8	502.7	523.8	540.7	556.0	566.6	575.9	584.9	593.4
30°	448.3	478.8	505.1	528.4	547.2	562.9	575.1	587.9	600.6	612.3	624.2
27.5°	473.2	502.7	528.4	549.4	566.2	580.4	597.0	613.1	630.6	645.9	688.9
25°	495.5	523.8	547.2	566.2	582.6	601.6	622.2	643.2	699.9	755.7	895.9
22.5°	513.9	540.7	562.9	580.4	601.6	625.3	658.1	733.5	892.7	1120.0	1504.4
20°	530.1	556.0	575.1	597.0	622.2	658.1	744.8	981.7	1333.0	2118.5	2878.1
17.5°	543.0	566.6	587.9	613.1	643.2	733.5	981.7	1483.1	2436.9	3689.7	4905.3
15°	554.5	575.9	600.6	630.6	699.9	892.7	1333.0	2436.9	3968.2	5835.5	8060.9
12.5°	562.6	584.9	612.3	645.9	755.7	1120.0	2118.5	3689.7	5835.5	8601.4	12228.9
10°	568.7	593.4	624.2	688.9	895.9	1504.4	2878.1	4905.3	8060.9	12228.9	16427.9
7.5°	573.6	600.2	633.6	723.4	1037.5	1999.5	3768.9	6502.1	10489.5	15419.5	20155.4
5°	577.1	605.0	640.4	748.5	1141.3	2364.6	4430.7	7735.4	12599.1	17933.8	23091.5
2.5°	579.3	608.0	644.6	763.9	1204.8	2588.6	4839.1	8502.7	13927.3	19546.2	25031.3
0°	580.0	609.0	646.0	769.0	1226.1	2664.1	4977.2	8763.4	14381.7	20103.9	25715.2
-2.5°	579.3	608.0	644.6	763.9	1204.8	2588.6	4839.1	8502.7	13927.3	19546.2	25031.3
-5°	577.1	605.0	640.4	748.5	1141.3	2364.6	4430.7	7735.4	12599.1	17933.8	23091.5
-7.5°	573.6	600.2	633.6	723.4	1037.5	1999.5	3768.9	6502.1	10489.5	15419.5	20155.4
-10°	568.7	593.4	624.2	688.9	895.9	1504.4	2878.1	4905.3	8060.9	12228.9	16427.9
-12.5°	562.6	584.9	612.3	645.9	755.7	1120.0	2118.5	3689.7	5835.5	8601.4	12228.9
-15°	554.5	575.9	600.6	630.6	699.9	892.7	1333.0	2436.9	3968.2	5835.5	8060.9
-17.5°	543.0	566.6	587.9	613.1	643.2	733.5	981.7	1483.1	2436.9	3689.7	4905.3
-20°	530.1	556.0	575.1	597.0	622.2	658.1	744.8	981.7	1333.0	2118.5	2878.1



REPORT NUMBER: P640290 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_RED ONLY

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	513.9	540.7	562.9	580.4	601.6	625.3	658.1	733.5	892.7	1120.0	1504.4
-25°	495.5	523.8	547.2	566.2	582.6	601.6	622.2	643.2	699.9	755.7	895.9
-27.5°	473.2	502.7	528.4	549.4	566.2	580.4	597.0	613.1	630.6	645.9	688.9
-30°	448.3	478.8	505.1	528.4	547.2	562.9	575.1	587.9	600.6	612.3	624.2
-32.5°	389.8	451.0	478.8	502.7	523.8	540.7	556.0	566.6	575.9	584.9	593.4
-35°	322.0	389.8	448.3	473.2	495.5	513.9	530.1	543.0	554.5	562.6	568.7
-37.5°	244.6	314.9	377.1	433.4	462.1	482.6	499.4	513.7	526.3	535.5	543.1
-40°	209.9	230.8	293.9	351.9	401.3	445.9	463.3	479.1	492.4	502.4	510.8
-42.5°	197.7	206.6	216.4	259.4	311.6	357.4	396.4	431.5	452.2	463.3	472.4
-45°	191.4	195.8	201.1	209.8	217.8	256.9	297.8	334.5	363.6	388.1	408.4
-47.5°	175.5	187.2	192.9	196.5	201.0	208.0	214.3	224.5	254.3	279.8	301.0
-50°	156.4	167.4	177.8	187.5	192.3	195.2	197.8	201.5	206.0	210.0	213.2
-52.5°	137.2	147.3	156.9	165.9	174.2	181.9	188.9	191.8	193.7	195.3	196.6
-55°	119.0	127.7	135.9	144.1	151.7	158.8	165.2	170.9	175.9	180.2	183.7
-57.5°	100.7	108.7	116.2	123.2	129.8	135.7	141.4	146.6	151.2	155.0	158.3
-60°	82.4	89.5	96.3	102.7	108.7	114.1	119.0	123.4	127.2	130.5	133.2
-62.5°	64.9	70.9	76.9	82.4	87.6	92.4	96.9	100.8	104.3	107.2	109.7
-65°	49.9	54.7	59.2	63.3	67.2	71.4	75.3	78.7	81.7	84.2	86.3
-67.5°	36.2	40.0	43.6	46.9	50.2	53.4	56.2	58.7	60.9	62.7	64.3
-70°	23.6	26.6	29.4	32.1	34.8	37.3	39.5	41.5	43.2	44.6	45.8
-72.5°	13.9	15.1	16.6	18.8	20.9	22.8	24.5	26.0	27.3	28.4	29.4
-75°	8.7	9.3	10.3	11.2	12.0	12.7	13.4	14.0	14.5	15.0	15.3
-77.5°	6.3	6.6	7.0	7.3	7.6	7.8	8.1	8.3	8.5	8.6	8.8
-80°	4.5	4.7	4.9	5.1	5.2	5.4	5.5	5.6	5.7	5.8	5.9
-82.5°	3.5	3.5	3.6	3.7	3.7	3.8	3.8	3.9	3.9	3.9	4.0
-85°	2.6	2.7	2.7	2.8	2.8	2.8	2.9	2.9	2.9	3.0	3.0
-87.5°	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P640290 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_RED 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	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
85°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9
82.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9
80°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.8	5.7	5.6
77.5°	8.9	8.9	9.0	9.0	9.0	8.9	8.9	8.8	8.6	8.5	8.3
75°	15.6	15.8	16.0	16.0	16.0	15.8	15.6	15.3	15.0	14.5	14.0
72.5°	30.1	30.6	30.9	31.0	30.9	30.6	30.1	29.4	28.4	27.3	26.0
70°	46.8	47.5	47.9	48.0	47.9	47.5	46.8	45.8	44.6	43.2	41.5
67.5°	65.5	66.3	66.8	67.0	66.8	66.3	65.5	64.3	62.7	60.9	58.7
65°	87.9	89.1	89.8	90.0	89.8	89.1	87.9	86.3	84.2	81.7	78.7
62.5°	111.6	112.9	113.7	114.0	113.7	112.9	111.6	109.7	107.2	104.3	100.8
60°	135.3	136.8	137.7	138.0	137.7	136.8	135.3	133.2	130.5	127.2	123.4
57.5°	160.8	162.6	163.6	164.0	163.6	162.6	160.8	158.3	155.0	151.2	146.6
55°	186.4	188.4	189.6	190.0	189.6	188.4	186.4	183.7	180.2	175.9	170.9
52.5°	197.6	198.4	198.8	199.0	198.8	198.4	197.6	196.6	195.3	193.7	191.8
50°	215.7	217.5	218.6	219.0	218.6	217.5	215.7	213.2	210.0	206.0	201.5
47.5°	317.5	329.4	336.6	339.0	336.6	329.4	317.5	301.0	279.8	254.3	224.5
45°	424.3	435.8	442.7	445.0	442.7	435.8	424.3	408.4	388.1	363.6	334.5
42.5°	479.6	484.8	488.0	489.0	488.0	484.8	479.6	472.4	463.3	452.2	431.5
40°	517.4	522.2	525.0	526.0	525.0	522.2	517.4	510.8	502.4	492.4	479.1
37.5°	549.1	553.5	556.1	557.0	556.1	553.5	549.1	543.1	535.5	526.3	513.7
35°	573.6	577.1	579.3	580.0	579.3	577.1	573.6	568.7	562.6	554.5	543.0
32.5°	600.2	605.0	608.0	609.0	608.0	605.0	600.2	593.4	584.9	575.9	566.6
30°	633.6	640.4	644.6	646.0	644.6	640.4	633.6	624.2	612.3	600.6	587.9
27.5°	723.4	748.5	763.9	769.0	763.9	748.5	723.4	688.9	645.9	630.6	613.1
25°	1037.5	1141.3	1204.8	1226.1	1204.8	1141.3	1037.5	895.9	755.7	699.9	643.2
22.5°	1999.5	2364.6	2588.6	2664.1	2588.6	2364.6	1999.5	1504.4	1120.0	892.7	733.5
20°	3768.9	4430.7	4839.1	4977.2	4839.1	4430.7	3768.9	2878.1	2118.5	1333.0	981.7
17.5°	6502.1	7735.4	8502.7	8763.4	8502.7	7735.4	6502.1	4905.3	3689.7	2436.9	1483.1
15°	10489.5	12599.1	13927.3	14381.7	13927.3	12599.1	10489.5	8060.9	5835.5	3968.2	2436.9
12.5°	15419.5	17933.8	19546.2	20103.9	19546.2	17933.8	15419.5	12228.9	8601.4	5835.5	3689.7
10°	20155.4	23091.5	25031.3	25715.2	25031.3	23091.5	20155.4	16427.9	12228.9	8060.9	4905.3
7.5°	24387.8	28221.3	31128.5	32085.5	31128.5	28221.3	24387.8	20155.4	15419.5	10489.5	6502.1
5°	28221.3	33113.6	35669.7	36435.7	35669.7	33113.6	28221.3	23091.5	17933.8	12599.1	7735.4
2.5°	31128.5	35669.7	38273.6	39766.4	38273.6	35669.7	31128.5	25031.3	19546.2	13927.3	8502.7
0°	32085.5	36435.7	39766.4	42177.0	39766.4	36435.7	32085.5	25715.2	20103.9	14381.7	8763.4
-2.5°	31128.5	35669.7	38273.6	39766.4	38273.6	35669.7	31128.5	25031.3	19546.2	13927.3	8502.7
-5°	28221.3	33113.6	35669.7	36435.7	35669.7	33113.6	28221.3	23091.5	17933.8	12599.1	7735.4
-7.5°	24387.8	28221.3	31128.5	32085.5	31128.5	28221.3	24387.8	20155.4	15419.5	10489.5	6502.1
-10°	20155.4	23091.5	25031.3	25715.2	25031.3	23091.5	20155.4	16427.9	12228.9	8060.9	4905.3
-12.5°	15419.5	17933.8	19546.2	20103.9	19546.2	17933.8	15419.5	12228.9	8601.4	5835.5	3689.7
-15°	10489.5	12599.1	13927.3	14381.7	13927.3	12599.1	10489.5	8060.9	5835.5	3968.2	2436.9
-17.5°	6502.1	7735.4	8502.7	8763.4	8502.7	7735.4	6502.1	4905.3	3689.7	2436.9	1483.1
-20°	3768.9	4430.7	4839.1	4977.2	4839.1	4430.7	3768.9	2878.1	2118.5	1333.0	981.7



REPORT NUMBER: P640290 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_RED ONLY

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1999.5	2364.6	2588.6	2664.1	2588.6	2364.6	1999.5	1504.4	1120.0	892.7	733.5
-25°	1037.5	1141.3	1204.8	1226.1	1204.8	1141.3	1037.5	895.9	755.7	699.9	643.2
-27.5°	723.4	748.5	763.9	769.0	763.9	748.5	723.4	688.9	645.9	630.6	613.1
-30°	633.6	640.4	644.6	646.0	644.6	640.4	633.6	624.2	612.3	600.6	587.9
-32.5°	600.2	605.0	608.0	609.0	608.0	605.0	600.2	593.4	584.9	575.9	566.6
-35°	573.6	577.1	579.3	580.0	579.3	577.1	573.6	568.7	562.6	554.5	543.0
-37.5°	549.1	553.5	556.1	557.0	556.1	553.5	549.1	543.1	535.5	526.3	513.7
-40°	517.4	522.2	525.0	526.0	525.0	522.2	517.4	510.8	502.4	492.4	479.1
-42.5°	479.6	484.8	488.0	489.0	488.0	484.8	479.6	472.4	463.3	452.2	431.5
-45°	424.3	435.8	442.7	445.0	442.7	435.8	424.3	408.4	388.1	363.6	334.5
-47.5°	317.5	329.4	336.6	339.0	336.6	329.4	317.5	301.0	279.8	254.3	224.5
-50°	215.7	217.5	218.6	219.0	218.6	217.5	215.7	213.2	210.0	206.0	201.5
-52.5°	197.6	198.4	198.8	199.0	198.8	198.4	197.6	196.6	195.3	193.7	191.8
-55°	186.4	188.4	189.6	190.0	189.6	188.4	186.4	183.7	180.2	175.9	170.9
-57.5°	160.8	162.6	163.6	164.0	163.6	162.6	160.8	158.3	155.0	151.2	146.6
-60°	135.3	136.8	137.7	138.0	137.7	136.8	135.3	133.2	130.5	127.2	123.4
-62.5°	111.6	112.9	113.7	114.0	113.7	112.9	111.6	109.7	107.2	104.3	100.8
-65°	87.9	89.1	89.8	90.0	89.8	89.1	87.9	86.3	84.2	81.7	78.7
-67.5°	65.5	66.3	66.8	67.0	66.8	66.3	65.5	64.3	62.7	60.9	58.7
-70°	46.8	47.5	47.9	48.0	47.9	47.5	46.8	45.8	44.6	43.2	41.5
-72.5°	30.1	30.6	30.9	31.0	30.9	30.6	30.1	29.4	28.4	27.3	26.0
-75°	15.6	15.8	16.0	16.0	16.0	15.8	15.6	15.3	15.0	14.5	14.0
-77.5°	8.9	8.9	9.0	9.0	9.0	8.9	8.9	8.8	8.6	8.5	8.3
-80°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.8	5.7	5.6
-82.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9
-85°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9
-87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P640290 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_RED 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	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
85°	2.9	2.8	2.8	2.8	2.7	2.7	2.6	2.6	2.5	2.5	2.4
82.5°	3.8	3.8	3.7	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.1
80°	5.5	5.4	5.2	5.1	4.9	4.7	4.5	4.3	4.1	3.9	3.8
77.5°	8.1	7.8	7.6	7.3	7.0	6.6	6.3	5.9	5.6	5.3	5.0
75°	13.4	12.7	12.0	11.2	10.3	9.3	8.7	8.2	7.7	7.2	6.7
72.5°	24.5	22.8	20.9	18.8	16.6	15.1	13.9	12.6	11.3	9.9	8.7
70°	39.5	37.3	34.8	32.1	29.4	26.6	23.6	20.5	17.1	14.9	13.2
67.5°	56.2	53.4	50.2	46.9	43.6	40.0	36.2	32.2	28.3	24.3	20.2
65°	75.3	71.4	67.2	63.3	59.2	54.7	49.9	45.2	40.4	35.5	30.3
62.5°	96.9	92.4	87.6	82.4	76.9	70.9	64.9	59.3	53.4	47.3	41.6
60°	119.0	114.1	108.7	102.7	96.3	89.5	82.4	75.0	67.2	60.4	53.4
57.5°	141.4	135.7	129.8	123.2	116.2	108.7	100.7	92.2	83.6	74.7	65.7
55°	165.2	158.8	151.7	144.1	135.9	127.7	119.0	109.9	100.2	90.2	80.1
52.5°	188.9	181.9	174.2	165.9	156.9	147.3	137.2	127.2	116.8	106.0	94.8
50°	197.8	195.2	192.3	187.5	177.8	167.4	156.4	144.9	133.2	121.6	109.5
47.5°	214.3	208.0	201.0	196.5	192.9	187.2	175.5	163.1	150.1	136.8	123.9
45°	297.8	256.9	217.8	209.8	201.1	195.8	191.4	180.9	167.1	152.8	138.0
42.5°	396.4	357.4	311.6	259.4	216.4	206.6	197.7	192.9	183.6	168.4	152.8
40°	463.3	445.9	401.3	351.9	293.9	230.8	209.9	198.7	193.4	183.6	167.1
37.5°	499.4	482.6	462.1	433.4	377.1	314.9	244.6	211.1	198.7	192.9	180.9
35°	530.1	513.9	495.5	473.2	448.3	389.8	322.0	244.6	209.9	197.7	191.4
32.5°	556.0	540.7	523.8	502.7	478.8	451.0	389.8	314.9	230.8	206.6	195.8
30°	575.1	562.9	547.2	528.4	505.1	478.8	448.3	377.1	293.9	216.4	201.1
27.5°	597.0	580.4	566.2	549.4	528.4	502.7	473.2	433.4	351.9	259.4	209.8
25°	622.2	601.6	582.6	566.2	547.2	523.8	495.5	462.1	401.3	311.6	217.8
22.5°	658.1	625.3	601.6	580.4	562.9	540.7	513.9	482.6	445.9	357.4	256.9
20°	744.8	658.1	622.2	597.0	575.1	556.0	530.1	499.4	463.3	396.4	297.8
17.5°	981.7	733.5	643.2	613.1	587.9	566.6	543.0	513.7	479.1	431.5	334.5
15°	1333.0	892.7	699.9	630.6	600.6	575.9	554.5	526.3	492.4	452.2	363.6
12.5°	2118.5	1120.0	755.7	645.9	612.3	584.9	562.6	535.5	502.4	463.3	388.1
10°	2878.1	1504.4	895.9	688.9	624.2	593.4	568.7	543.1	510.8	472.4	408.4
7.5°	3768.9	1999.5	1037.5	723.4	633.6	600.2	573.6	549.1	517.4	479.6	424.3
5°	4430.7	2364.6	1141.3	748.5	640.4	605.0	577.1	553.5	522.2	484.8	435.8
2.5°	4839.1	2588.6	1204.8	763.9	644.6	608.0	579.3	556.1	525.0	488.0	442.7
0°	4977.2	2664.1	1226.1	769.0	646.0	609.0	580.0	557.0	526.0	489.0	445.0
-2.5°	4839.1	2588.6	1204.8	763.9	644.6	608.0	579.3	556.1	525.0	488.0	442.7
-5°	4430.7	2364.6	1141.3	748.5	640.4	605.0	577.1	553.5	522.2	484.8	435.8
-7.5°	3768.9	1999.5	1037.5	723.4	633.6	600.2	573.6	549.1	517.4	479.6	424.3
-10°	2878.1	1504.4	895.9	688.9	624.2	593.4	568.7	543.1	510.8	472.4	408.4
-12.5°	2118.5	1120.0	755.7	645.9	612.3	584.9	562.6	535.5	502.4	463.3	388.1
-15°	1333.0	892.7	699.9	630.6	600.6	575.9	554.5	526.3	492.4	452.2	363.6
-17.5°	981.7	733.5	643.2	613.1	587.9	566.6	543.0	513.7	479.1	431.5	334.5
-20°	744.8	658.1	622.2	597.0	575.1	556.0	530.1	499.4	463.3	396.4	297.8



REPORT NUMBER: P640290 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_RED ONLY

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	658.1	625.3	601.6	580.4	562.9	540.7	513.9	482.6	445.9	357.4	256.9
-25°	622.2	601.6	582.6	566.2	547.2	523.8	495.5	462.1	401.3	311.6	217.8
-27.5°	597.0	580.4	566.2	549.4	528.4	502.7	473.2	433.4	351.9	259.4	209.8
-30°	575.1	562.9	547.2	528.4	505.1	478.8	448.3	377.1	293.9	216.4	201.1
-32.5°	556.0	540.7	523.8	502.7	478.8	451.0	389.8	314.9	230.8	206.6	195.8
-35°	530.1	513.9	495.5	473.2	448.3	389.8	322.0	244.6	209.9	197.7	191.4
-37.5°	499.4	482.6	462.1	433.4	377.1	314.9	244.6	211.1	198.7	192.9	180.9
-40°	463.3	445.9	401.3	351.9	293.9	230.8	209.9	198.7	193.4	183.6	167.1
-42.5°	396.4	357.4	311.6	259.4	216.4	206.6	197.7	192.9	183.6	168.4	152.8
-45°	297.8	256.9	217.8	209.8	201.1	195.8	191.4	180.9	167.1	152.8	138.0
-47.5°	214.3	208.0	201.0	196.5	192.9	187.2	175.5	163.1	150.1	136.8	123.9
-50°	197.8	195.2	192.3	187.5	177.8	167.4	156.4	144.9	133.2	121.6	109.5
-52.5°	188.9	181.9	174.2	165.9	156.9	147.3	137.2	127.2	116.8	106.0	94.8
-55°	165.2	158.8	151.7	144.1	135.9	127.7	119.0	109.9	100.2	90.2	80.1
-57.5°	141.4	135.7	129.8	123.2	116.2	108.7	100.7	92.2	83.6	74.7	65.7
-60°	119.0	114.1	108.7	102.7	96.3	89.5	82.4	75.0	67.2	60.4	53.4
-62.5°	96.9	92.4	87.6	82.4	76.9	70.9	64.9	59.3	53.4	47.3	41.6
-65°	75.3	71.4	67.2	63.3	59.2	54.7	49.9	45.2	40.4	35.5	30.3
-67.5°	56.2	53.4	50.2	46.9	43.6	40.0	36.2	32.2	28.3	24.3	20.2
-70°	39.5	37.3	34.8	32.1	29.4	26.6	23.6	20.5	17.1	14.9	13.2
-72.5°	24.5	22.8	20.9	18.8	16.6	15.1	13.9	12.6	11.3	9.9	8.7
-75°	13.4	12.7	12.0	11.2	10.3	9.3	8.7	8.2	7.7	7.2	6.7
-77.5°	8.1	7.8	7.6	7.3	7.0	6.6	6.3	5.9	5.6	5.3	5.0
-80°	5.5	5.4	5.2	5.1	4.9	4.7	4.5	4.3	4.1	3.9	3.8
-82.5°	3.8	3.8	3.7	3.7	3.6	3.5	3.5	3.4	3.3	3.2	3.1
-85°	2.9	2.8	2.8	2.8	2.7	2.7	2.6	2.6	2.5	2.5	2.4
-87.5°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P640290 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-2S_RED 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	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.8	0.7	0.6
85°	2.4	2.3	2.2	2.1	2.1	2.0	1.8	1.7	1.5	1.4	1.2
82.5°	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.1	2.0	1.8
80°	3.7	3.6	3.4	3.3	3.1	3.0	2.8	2.7	2.5	2.4	2.2
77.5°	4.7	4.4	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5
75°	6.1	5.7	5.3	4.8	4.4	4.0	3.7	3.5	3.3	3.0	2.8
72.5°	8.1	7.4	6.7	5.9	5.4	4.9	4.4	3.9	3.6	3.4	3.1
70°	11.4	9.6	8.4	7.6	6.7	5.9	5.3	4.6	4.0	3.7	3.4
67.5°	16.0	13.9	11.7	9.5	8.2	7.2	6.2	5.4	4.7	4.0	3.6
65°	25.5	20.6	15.7	13.3	10.7	8.6	7.5	6.3	5.4	4.6	3.9
62.5°	35.6	29.6	24.0	18.1	14.2	11.4	8.8	7.5	6.2	5.3	4.4
60°	46.2	39.5	32.5	26.0	19.5	14.5	11.4	8.6	7.2	5.9	4.9
57.5°	57.8	49.6	41.8	34.1	26.7	19.5	14.2	10.7	8.2	6.7	5.4
55°	69.8	60.4	51.3	42.6	34.1	26.0	18.1	13.3	9.5	7.6	5.9
52.5°	83.4	71.9	61.3	51.3	41.8	32.5	24.0	15.7	11.7	8.4	6.7
50°	97.1	84.5	71.9	60.4	49.6	39.5	29.6	20.6	13.9	9.6	7.4
47.5°	110.7	97.1	83.4	69.8	57.8	46.2	35.6	25.5	16.0	11.4	8.1
45°	123.9	109.5	94.8	80.1	65.7	53.4	41.6	30.3	20.2	13.2	8.7
42.5°	136.8	121.6	106.0	90.2	74.7	60.4	47.3	35.5	24.3	14.9	9.9
40°	150.1	133.2	116.8	100.2	83.6	67.2	53.4	40.4	28.3	17.1	11.3
37.5°	163.1	144.9	127.2	109.9	92.2	75.0	59.3	45.2	32.2	20.5	12.6
35°	175.5	156.4	137.2	119.0	100.7	82.4	64.9	49.9	36.2	23.6	13.9
32.5°	187.2	167.4	147.3	127.7	108.7	89.5	70.9	54.7	40.0	26.6	15.1
30°	192.9	177.8	156.9	135.9	116.2	96.3	76.9	59.2	43.6	29.4	16.6
27.5°	196.5	187.5	165.9	144.1	123.2	102.7	82.4	63.3	46.9	32.1	18.8
25°	201.0	192.3	174.2	151.7	129.8	108.7	87.6	67.2	50.2	34.8	20.9
22.5°	208.0	195.2	181.9	158.8	135.7	114.1	92.4	71.4	53.4	37.3	22.8
20°	214.3	197.8	188.9	165.2	141.4	119.0	96.9	75.3	56.2	39.5	24.5
17.5°	224.5	201.5	191.8	170.9	146.6	123.4	100.8	78.7	58.7	41.5	26.0
15°	254.3	206.0	193.7	175.9	151.2	127.2	104.3	81.7	60.9	43.2	27.3
12.5°	279.8	210.0	195.3	180.2	155.0	130.5	107.2	84.2	62.7	44.6	28.4
10°	301.0	213.2	196.6	183.7	158.3	133.2	109.7	86.3	64.3	45.8	29.4
7.5°	317.5	215.7	197.6	186.4	160.8	135.3	111.6	87.9	65.5	46.8	30.1
5°	329.4	217.5	198.4	188.4	162.6	136.8	112.9	89.1	66.3	47.5	30.6
2.5°	336.6	218.6	198.8	189.6	163.6	137.7	113.7	89.8	66.8	47.9	30.9
0°	339.0	219.0	199.0	190.0	164.0	138.0	114.0	90.0	67.0	48.0	31.0
-2.5°	336.6	218.6	198.8	189.6	163.6	137.7	113.7	89.8	66.8	47.9	30.9
-5°	329.4	217.5	198.4	188.4	162.6	136.8	112.9	89.1	66.3	47.5	30.6
-7.5°	317.5	215.7	197.6	186.4	160.8	135.3	111.6	87.9	65.5	46.8	30.1
-10°	301.0	213.2	196.6	183.7	158.3	133.2	109.7	86.3	64.3	45.8	29.4
-12.5°	279.8	210.0	195.3	180.2	155.0	130.5	107.2	84.2	62.7	44.6	28.4
-15°	254.3	206.0	193.7	175.9	151.2	127.2	104.3	81.7	60.9	43.2	27.3
-17.5°	224.5	201.5	191.8	170.9	146.6	123.4	100.8	78.7	58.7	41.5	26.0
-20°	214.3	197.8	188.9	165.2	141.4	119.0	96.9	75.3	56.2	39.5	24.5



REPORT NUMBER: P640290 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	208.0	195.2	181.9	158.8	135.7	114.1	92.4	71.4	53.4	37.3	22.8
-25°	201.0	192.3	174.2	151.7	129.8	108.7	87.6	67.2	50.2	34.8	20.9
-27.5°	196.5	187.5	165.9	144.1	123.2	102.7	82.4	63.3	46.9	32.1	18.8
-30°	192.9	177.8	156.9	135.9	116.2	96.3	76.9	59.2	43.6	29.4	16.6
-32.5°	187.2	167.4	147.3	127.7	108.7	89.5	70.9	54.7	40.0	26.6	15.1
-35°	175.5	156.4	137.2	119.0	100.7	82.4	64.9	49.9	36.2	23.6	13.9
-37.5°	163.1	144.9	127.2	109.9	92.2	75.0	59.3	45.2	32.2	20.5	12.6
-40°	150.1	133.2	116.8	100.2	83.6	67.2	53.4	40.4	28.3	17.1	11.3
-42.5°	136.8	121.6	106.0	90.2	74.7	60.4	47.3	35.5	24.3	14.9	9.9
-45°	123.9	109.5	94.8	80.1	65.7	53.4	41.6	30.3	20.2	13.2	8.7
-47.5°	110.7	97.1	83.4	69.8	57.8	46.2	35.6	25.5	16.0	11.4	8.1
-50°	97.1	84.5	71.9	60.4	49.6	39.5	29.6	20.6	13.9	9.6	7.4
-52.5°	83.4	71.9	61.3	51.3	41.8	32.5	24.0	15.7	11.7	8.4	6.7
-55°	69.8	60.4	51.3	42.6	34.1	26.0	18.1	13.3	9.5	7.6	5.9
-57.5°	57.8	49.6	41.8	34.1	26.7	19.5	14.2	10.7	8.2	6.7	5.4
-60°	46.2	39.5	32.5	26.0	19.5	14.5	11.4	8.6	7.2	5.9	4.9
-62.5°	35.6	29.6	24.0	18.1	14.2	11.4	8.8	7.5	6.2	5.3	4.4
-65°	25.5	20.6	15.7	13.3	10.7	8.6	7.5	6.3	5.4	4.6	3.9
-67.5°	16.0	13.9	11.7	9.5	8.2	7.2	6.2	5.4	4.7	4.0	3.6
-70°	11.4	9.6	8.4	7.6	6.7	5.9	5.3	4.6	4.0	3.7	3.4
-72.5°	8.1	7.4	6.7	5.9	5.4	4.9	4.4	3.9	3.6	3.4	3.1
-75°	6.1	5.7	5.3	4.8	4.4	4.0	3.7	3.5	3.3	3.0	2.8
-77.5°	4.7	4.4	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5
-80°	3.7	3.6	3.4	3.3	3.1	3.0	2.8	2.7	2.5	2.4	2.2
-82.5°	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.1	2.0	1.8
-85°	2.4	2.3	2.2	2.1	2.1	2.0	1.8	1.7	1.5	1.4	1.2
-87.5°	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.8	0.7	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
85°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
82.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
80°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
77.5°	2.3	2.1	1.7	1.3	0.9	0.4	0.0
75°	2.5	2.3	2.0	1.5	1.0	0.5	0.0
72.5°	2.8	2.5	2.2	1.8	1.2	0.6	0.0
70°	3.0	2.7	2.4	2.0	1.4	0.7	0.0
67.5°	3.3	2.9	2.5	2.1	1.5	0.8	0.0
65°	3.5	3.1	2.7	2.3	1.7	0.8	0.0
62.5°	3.7	3.3	2.8	2.4	1.8	0.9	0.0
60°	4.0	3.5	3.0	2.5	2.0	1.0	0.0
57.5°	4.4	3.7	3.1	2.6	2.1	1.1	0.0
55°	4.8	3.9	3.3	2.7	2.1	1.1	0.0
52.5°	5.3	4.1	3.4	2.8	2.2	1.2	0.0
50°	5.7	4.4	3.6	2.9	2.3	1.3	0.0
47.5°	6.1	4.7	3.7	3.0	2.4	1.4	0.0
45°	6.7	5.0	3.8	3.1	2.4	1.4	0.0
42.5°	7.2	5.3	3.9	3.2	2.5	1.5	0.0
40°	7.7	5.6	4.1	3.3	2.5	1.5	0.0
37.5°	8.2	5.9	4.3	3.4	2.6	1.6	0.0
35°	8.7	6.3	4.5	3.5	2.6	1.6	0.0
32.5°	9.3	6.6	4.7	3.5	2.7	1.7	0.0
30°	10.3	7.0	4.9	3.6	2.7	1.7	0.0
27.5°	11.2	7.3	5.1	3.7	2.8	1.8	0.0
25°	12.0	7.6	5.2	3.7	2.8	1.8	0.0
22.5°	12.7	7.8	5.4	3.8	2.8	1.8	0.0
20°	13.4	8.1	5.5	3.8	2.9	1.9	0.0
17.5°	14.0	8.3	5.6	3.9	2.9	1.9	0.0
15°	14.5	8.5	5.7	3.9	2.9	1.9	0.0
12.5°	15.0	8.6	5.8	3.9	3.0	2.0	0.0
10°	15.3	8.8	5.9	4.0	3.0	2.0	0.0
7.5°	15.6	8.9	5.9	4.0	3.0	2.0	0.0
5°	15.8	8.9	6.0	4.0	3.0	2.0	0.0
2.5°	16.0	9.0	6.0	4.0	3.0	2.0	0.0
0°	16.0	9.0	6.0	4.0	3.0	2.0	0.0
-2.5°	16.0	9.0	6.0	4.0	3.0	2.0	0.0
-5°	15.8	8.9	6.0	4.0	3.0	2.0	0.0
-7.5°	15.6	8.9	5.9	4.0	3.0	2.0	0.0
-10°	15.3	8.8	5.9	4.0	3.0	2.0	0.0
-12.5°	15.0	8.6	5.8	3.9	3.0	2.0	0.0
-15°	14.5	8.5	5.7	3.9	2.9	1.9	0.0
-17.5°	14.0	8.3	5.6	3.9	2.9	1.9	0.0
-20°	13.4	8.1	5.5	3.8	2.9	1.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	12.7	7.8	5.4	3.8	2.8	1.8	0.0
-25°	12.0	7.6	5.2	3.7	2.8	1.8	0.0
-27.5°	11.2	7.3	5.1	3.7	2.8	1.8	0.0
-30°	10.3	7.0	4.9	3.6	2.7	1.7	0.0
-32.5°	9.3	6.6	4.7	3.5	2.7	1.7	0.0
-35°	8.7	6.3	4.5	3.5	2.6	1.6	0.0
-37.5°	8.2	5.9	4.3	3.4	2.6	1.6	0.0
-40°	7.7	5.6	4.1	3.3	2.5	1.5	0.0
-42.5°	7.2	5.3	3.9	3.2	2.5	1.5	0.0
-45°	6.7	5.0	3.8	3.1	2.4	1.4	0.0
-47.5°	6.1	4.7	3.7	3.0	2.4	1.4	0.0
-50°	5.7	4.4	3.6	2.9	2.3	1.3	0.0
-52.5°	5.3	4.1	3.4	2.8	2.2	1.2	0.0
-55°	4.8	3.9	3.3	2.7	2.1	1.1	0.0
-57.5°	4.4	3.7	3.1	2.6	2.1	1.1	0.0
-60°	4.0	3.5	3.0	2.5	2.0	1.0	0.0
-62.5°	3.7	3.3	2.8	2.4	1.8	0.9	0.0
-65°	3.5	3.1	2.7	2.3	1.7	0.8	0.0
-67.5°	3.3	2.9	2.5	2.1	1.5	0.8	0.0
-70°	3.0	2.7	2.4	2.0	1.4	0.7	0.0
-72.5°	2.8	2.5	2.2	1.8	1.2	0.6	0.0
-75°	2.5	2.3	2.0	1.5	1.0	0.5	0.0
-77.5°	2.3	2.1	1.7	1.3	0.9	0.4	0.0
-80°	2.0	1.7	1.4	1.0	0.7	0.3	0.0
-82.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
-85°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
-87.5°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)