

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: P640291 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-08PR-500PL-RGB-4S_ALL ON**

Issue Date: 2/13/2023

Test Information

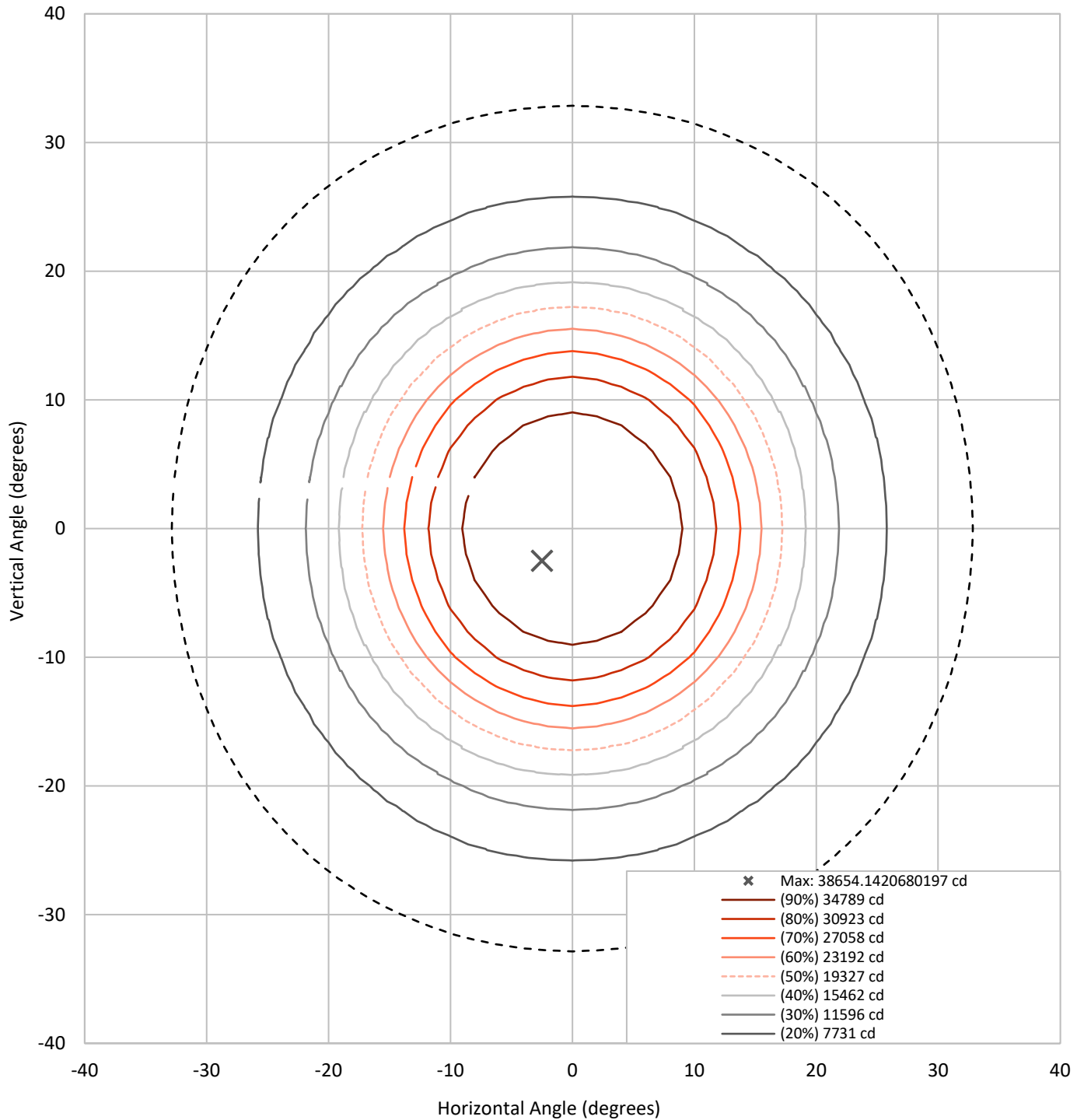
Test Method: LM-79-08
Report Number: P640291 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-885-12)
Test Lab: INNOVATION CENTER
Issue Date: 2/13/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-LS-08PR-500PL-RGB-4S_ALL ON
Description: LUMASPORT 8 PRISM RGB
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	16723.8 lumens	Max Intensity:	38654.1 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	32.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34°V	Field Angle (10%):	65.5°H x 65.5°V
Beam Lumens:	8330.6 lumens	Field Lumens:	14641.4 lumens
Beam Efficiency:	49.8%	Field Efficiency:	87.5%
Input Watts (W):	510.8		
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: P640291 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_ALL ON

Iso-Candela Plot





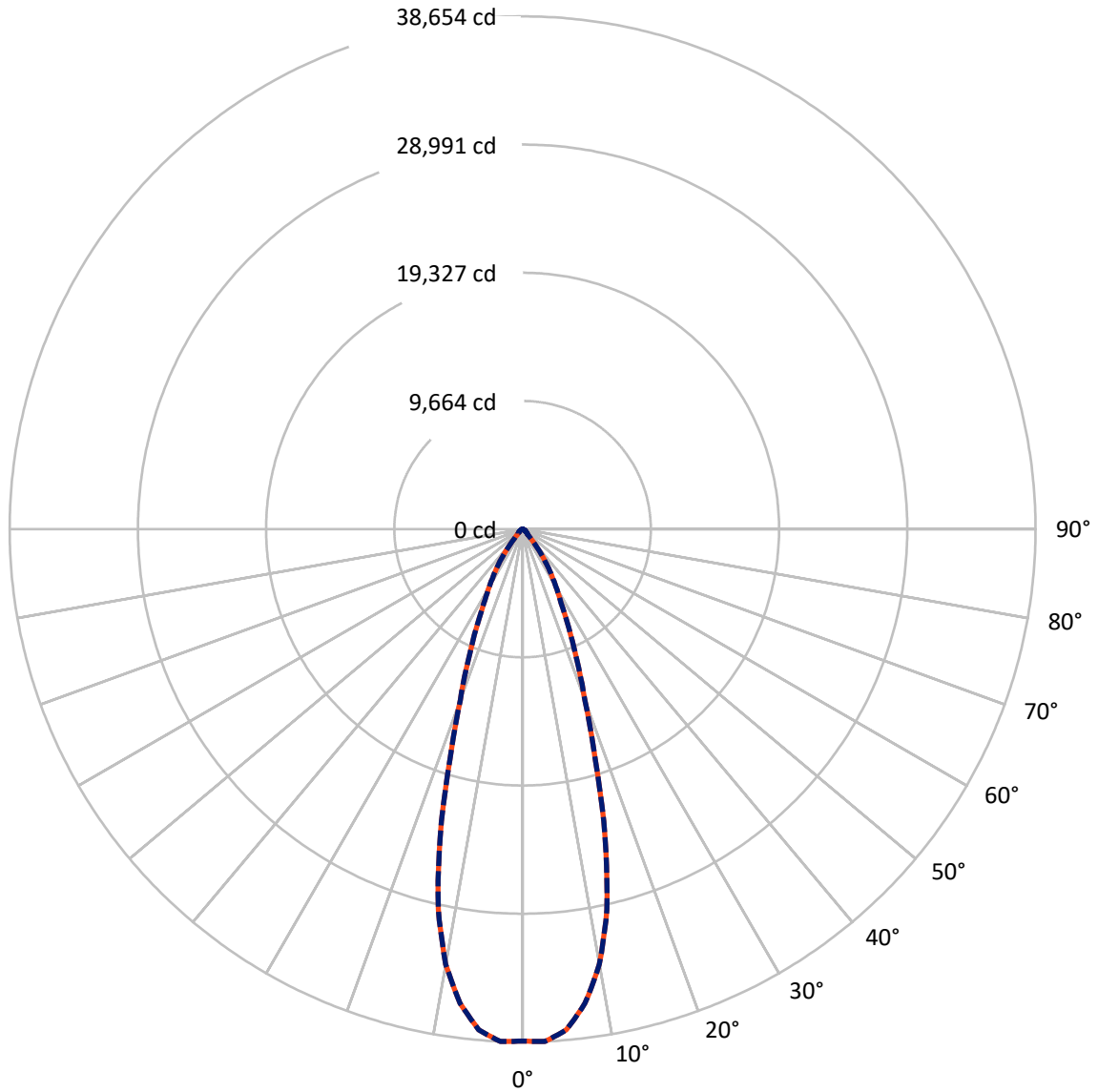
REPORT NUMBER: P640291 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90																			
80	0.0	0.2		0.8		1.7		2.1		1.7		0.8		0.2		0.0			
70																			
60	0.1	0.1	0.4	1.0	1.9	3.0	3.9	4.3	4.3	3.9	3.0	1.9	1.0	0.4	0.1	0.1			
50		0.3	1.1	2.8	4.7	6.4	7.8	8.6	8.6	7.8	6.4	4.7	2.8	1.1	0.3				
40	0.3	0.6	2.3	4.6	7.3	10.5	14.3	17.9	17.9	14.3	10.5	7.3	4.6	2.3	0.6	0.3			
30		1.0	3.3	6.3	11.2	26.9	61.3	88.3	88.3	61.3	26.9	11.2	6.3	3.3	1.0				
20	0.5	1.4	4.1	8.3	24.5	86.1	171.1	249.3	249.3	171.1	86.1	24.5	8.3	4.1	1.4	0.5			
10		1.7	4.7	10.6	52.6	161.0	382.7	668.6	668.6	382.7	161.0	52.6	10.6	4.7	1.7				
0	0.6	1.9	5.0	12.9	73.4	228.1	650.2	1075.5	1075.5	650.2	228.1	73.4	12.9	5.0	1.9	0.6			
-10		1.9	5.0	12.9	73.4	228.1	650.2	1075.5	1075.5	650.2	228.1	73.4	12.9	5.0	1.9				
-20	0.5	1.7	4.7	10.6	52.6	161.0	382.7	668.6	668.6	382.7	161.0	52.6	10.6	4.7	1.7	0.5			
-30		1.4	4.1	8.3	24.5	86.1	171.1	249.3	249.3	171.1	86.1	24.5	8.3	4.1	1.4				
-40	0.3	1.0	3.3	6.3	11.2	26.9	61.3	88.3	88.3	61.3	26.9	11.2	6.3	3.3	1.0	0.3			
-50		0.6	2.3	4.6	7.3	10.5	14.3	17.9	17.9	14.3	10.5	7.3	4.6	2.3	0.6				
-60	0.1	0.3	1.1	2.8	4.7	6.4	7.8	8.6	8.6	7.8	6.4	4.7	2.8	1.1	0.3	0.1			
-70		0.1	0.4	1.0	1.9	3.0	3.9	4.3	4.3	3.9	3.0	1.9	1.0	0.4	0.1				
-80																			
-80	0.0	0.2		0.8		1.7		2.1		1.7		0.8		0.2		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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CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_ALL ON

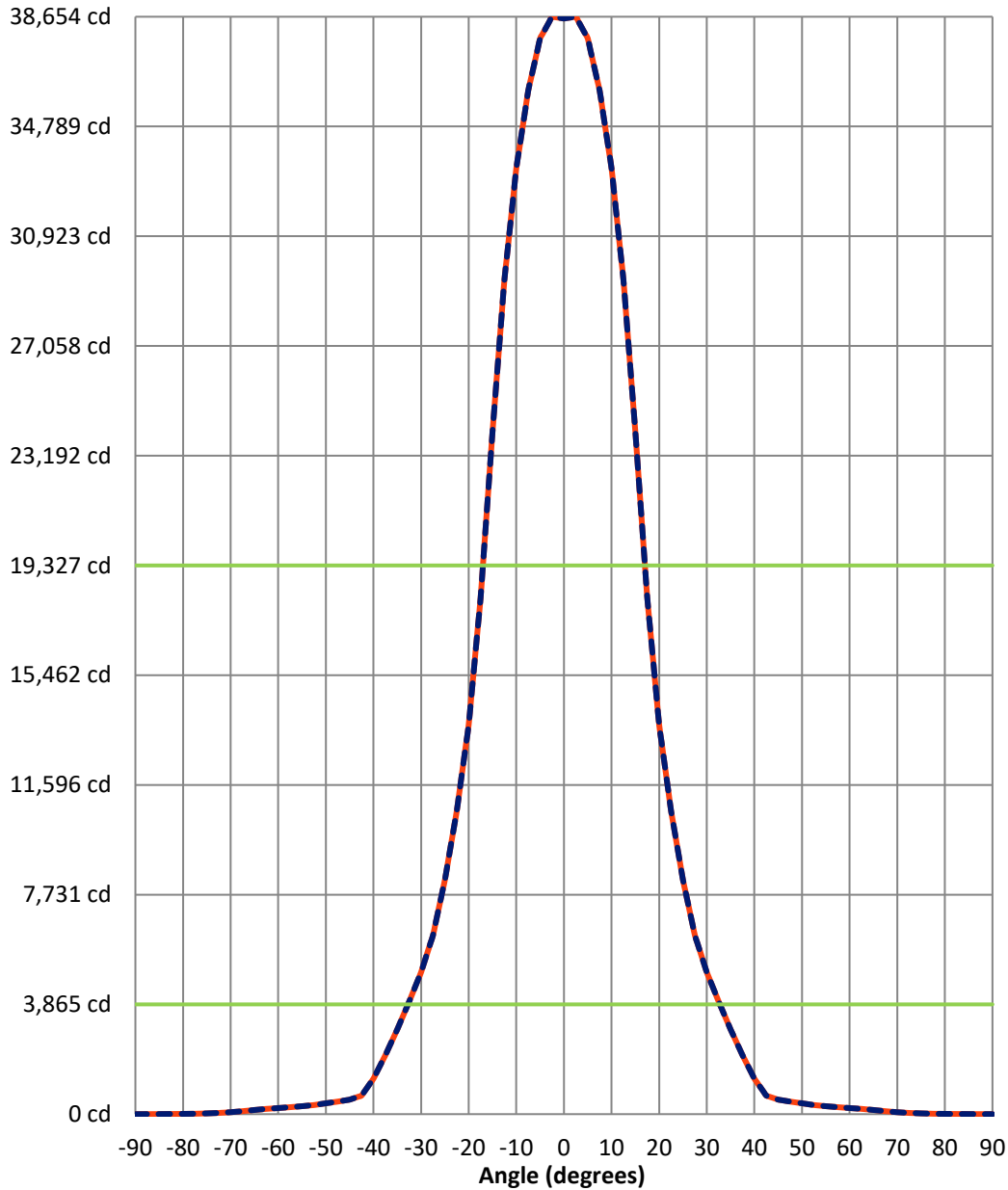
Luminous Intensity Polar Plot



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

REPORT NUMBER: P640291 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_ALL ON

Luminous Intensity Plot



Beam:
 H Angle: 34°
 V Angle: 34°
 Lumens: 8330.6
 Efficiency: 49.8%

Field:
 H Angle: 65.5°
 V Angle: 65.5°
 Lumens: 14641.4
 Efficiency: 87.5%

Spill:
 Lumens: 2082.4
 Efficiency: 12.5%

- Vertical Distribution through -2.5-Deg
- - Horizontal Distribution through -2.5-Deg



REPORT NUMBER: P640291 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_ALL ON

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	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
85°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
82.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.3	1.5
80°	0.0	0.2	0.3	0.5	0.7	0.9	1.1	1.4	1.7	2.0	2.4
77.5°	0.0	0.2	0.4	0.6	0.9	1.1	1.6	2.0	2.4	2.8	3.3
75°	0.0	0.3	0.5	0.8	1.1	1.6	2.1	2.6	3.1	3.8	4.5
72.5°	0.0	0.3	0.6	0.9	1.4	2.0	2.6	3.2	4.1	4.9	5.8
70°	0.0	0.3	0.7	1.0	1.7	2.4	3.1	4.1	5.1	6.0	7.3
67.5°	0.0	0.4	0.8	1.3	2.0	2.8	3.8	4.9	6.0	7.5	8.9
65°	0.0	0.4	0.8	1.5	2.4	3.3	4.5	5.8	7.3	8.9	10.6
62.5°	0.0	0.5	0.9	1.8	2.7	3.9	5.2	6.8	8.5	10.4	12.5
60°	0.0	0.5	1.0	2.0	3.0	4.5	5.9	7.8	9.8	12.1	14.4
57.5°	0.0	0.5	1.1	2.2	3.4	5.0	6.8	8.9	11.2	13.7	18.0
55°	0.0	0.6	1.3	2.4	3.9	5.6	7.7	9.9	12.6	15.9	22.3
52.5°	0.0	0.6	1.4	2.6	4.3	6.1	8.5	11.1	14.0	19.7	26.6
50°	0.0	0.6	1.6	2.9	4.7	6.8	9.3	12.3	16.0	23.4	31.9
47.5°	0.0	0.7	1.7	3.1	5.1	7.5	10.1	13.4	19.1	26.9	37.2
45°	0.0	0.7	1.8	3.4	5.5	8.1	11.1	14.6	22.2	31.5	42.3
42.5°	0.0	0.7	1.9	3.6	5.8	8.7	12.0	16.5	25.1	35.9	49.8
40°	0.0	0.8	2.1	3.9	6.2	9.3	12.9	18.9	28.2	40.1	57.5
37.5°	0.0	0.8	2.2	4.1	6.7	9.8	13.7	21.2	31.8	44.8	64.7
35°	0.0	0.8	2.3	4.4	7.1	10.4	14.5	23.4	35.1	51.0	72.7
32.5°	0.0	0.8	2.4	4.6	7.5	11.0	15.5	25.5	38.3	56.8	81.7
30°	0.0	0.9	2.5	4.8	7.8	11.6	17.2	27.6	41.3	62.3	90.2
27.5°	0.0	0.9	2.5	5.0	8.2	12.1	18.7	30.0	44.7	67.4	98.0
25°	0.0	0.9	2.6	5.2	8.5	12.6	20.1	32.2	48.8	73.2	105.4
22.5°	0.0	0.9	2.7	5.3	8.8	13.1	21.4	34.2	52.6	79.1	113.1
20°	0.0	0.9	2.8	5.5	9.0	13.5	22.6	36.0	56.0	84.5	120.1
17.5°	0.0	1.0	2.8	5.6	9.3	13.8	23.6	37.7	59.0	89.2	126.3
15°	0.0	1.0	2.9	5.7	9.4	14.1	24.5	39.1	61.6	93.4	131.8
12.5°	0.0	1.0	2.9	5.8	9.6	14.4	25.3	40.3	63.9	96.9	136.4
10°	0.0	1.0	2.9	5.9	9.8	14.6	25.9	41.2	65.7	99.8	140.2
7.5°	0.0	1.0	3.0	5.9	9.9	14.8	26.4	42.0	67.1	102.1	143.2
5°	0.0	1.0	3.0	6.0	9.9	14.9	26.7	42.6	68.2	103.7	145.3
2.5°	0.0	1.0	3.0	6.0	10.0	15.0	26.9	42.9	68.8	104.7	146.6
0°	0.0	1.0	3.0	6.0	10.0	15.0	27.0	43.0	69.0	105.0	147.0
-2.5°	0.0	1.0	3.0	6.0	10.0	15.0	27.0	43.0	69.0	105.0	147.0
-5°	0.0	1.0	3.0	6.0	9.9	14.9	26.7	42.6	68.2	103.7	145.3
-7.5°	0.0	1.0	3.0	5.9	9.9	14.8	26.4	42.0	67.1	102.1	143.2
-10°	0.0	1.0	2.9	5.9	9.8	14.6	25.9	41.2	65.7	99.8	140.2
-12.5°	0.0	1.0	2.9	5.8	9.6	14.4	25.3	40.3	63.9	96.9	136.4
-15°	0.0	1.0	2.9	5.7	9.4	14.1	24.5	39.1	61.6	93.4	131.8
-17.5°	0.0	1.0	2.8	5.6	9.3	13.8	23.6	37.7	59.0	89.2	126.3
-20°	0.0	0.9	2.8	5.5	9.0	13.5	22.6	36.0	56.0	84.5	120.1



REPORT NUMBER: P640291 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_ALL ON

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.9	2.7	5.3	8.8	13.1	21.4	34.2	52.6	79.1	113.1
-25°	0.0	0.9	2.6	5.2	8.5	12.6	20.1	32.2	48.8	73.2	105.4
-27.5°	0.0	0.9	2.5	5.0	8.2	12.1	18.7	30.0	44.7	67.4	98.0
-30°	0.0	0.9	2.5	4.8	7.8	11.6	17.2	27.6	41.3	62.3	90.2
-32.5°	0.0	0.8	2.4	4.6	7.5	11.0	15.5	25.5	38.3	56.8	81.7
-35°	0.0	0.8	2.3	4.4	7.1	10.4	14.5	23.4	35.1	51.0	72.7
-37.5°	0.0	0.8	2.2	4.1	6.7	9.8	13.7	21.2	31.8	44.8	64.7
-40°	0.0	0.8	2.1	3.9	6.2	9.3	12.9	18.9	28.2	40.1	57.5
-42.5°	0.0	0.7	1.9	3.6	5.8	8.7	12.0	16.5	25.1	35.9	49.8
-45°	0.0	0.7	1.8	3.4	5.5	8.1	11.1	14.6	22.2	31.5	42.3
-47.5°	0.0	0.7	1.7	3.1	5.1	7.5	10.1	13.4	19.1	26.9	37.2
-50°	0.0	0.6	1.6	2.9	4.7	6.8	9.3	12.3	16.0	23.4	31.9
-52.5°	0.0	0.6	1.4	2.6	4.3	6.1	8.5	11.1	14.0	19.7	26.6
-55°	0.0	0.6	1.3	2.4	3.9	5.6	7.7	9.9	12.6	15.9	22.3
-57.5°	0.0	0.5	1.1	2.2	3.4	5.0	6.8	8.9	11.2	13.7	18.0
-60°	0.0	0.5	1.0	2.0	3.0	4.5	5.9	7.8	9.8	12.1	14.4
-62.5°	0.0	0.5	0.9	1.8	2.7	3.9	5.2	6.8	8.5	10.4	12.5
-65°	0.0	0.4	0.8	1.5	2.4	3.3	4.5	5.8	7.3	8.9	10.6
-67.5°	0.0	0.4	0.8	1.3	2.0	2.8	3.8	4.9	6.0	7.5	8.9
-70°	0.0	0.3	0.7	1.0	1.7	2.4	3.1	4.1	5.1	6.0	7.3
-72.5°	0.0	0.3	0.6	0.9	1.4	2.0	2.6	3.2	4.1	4.9	5.8
-75°	0.0	0.3	0.5	0.8	1.1	1.6	2.1	2.6	3.1	3.8	4.5
-77.5°	0.0	0.2	0.4	0.6	0.9	1.1	1.6	2.0	2.4	2.8	3.3
-80°	0.0	0.2	0.3	0.5	0.7	0.9	1.1	1.4	1.7	2.0	2.4
-82.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.3	1.5
-85°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
-87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4
-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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 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_ALL ON

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°	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.8
85°	0.9	1.0	1.1	1.3	1.4	1.6	1.7	1.8	1.9	2.1	2.2
82.5°	1.8	2.0	2.2	2.4	2.6	2.9	3.1	3.4	3.6	3.9	4.1
80°	2.7	3.0	3.4	3.9	4.3	4.7	5.1	5.5	5.8	6.2	6.7
77.5°	3.9	4.5	5.0	5.6	6.1	6.8	7.5	8.1	8.7	9.3	9.8
75°	5.2	5.9	6.8	7.7	8.5	9.3	10.1	11.1	12.0	12.9	13.7
72.5°	6.8	7.8	8.9	9.9	11.1	12.3	13.4	14.6	16.5	18.9	21.2
70°	8.5	9.8	11.2	12.6	14.0	16.0	19.1	22.2	25.1	28.2	31.8
67.5°	10.4	12.1	13.7	15.9	19.7	23.4	26.9	31.5	35.9	40.1	44.8
65°	12.5	14.4	18.0	22.3	26.6	31.9	37.2	42.3	49.8	57.5	64.7
62.5°	14.6	19.1	24.0	29.3	35.5	41.5	50.0	59.2	68.0	79.3	90.4
60°	19.1	24.5	30.7	37.7	45.3	56.0	66.3	79.1	92.5	105.4	119.6
57.5°	24.0	30.7	38.4	47.7	59.6	71.9	87.5	102.5	119.1	135.3	150.6
55°	29.3	37.7	47.7	60.8	75.3	92.5	110.0	129.0	147.3	163.6	179.3
52.5°	35.5	45.3	59.6	75.3	94.2	114.0	135.0	154.7	173.0	189.4	202.0
50°	41.5	56.0	71.9	92.5	114.0	137.0	158.5	178.7	195.1	209.2	223.2
47.5°	50.0	66.3	87.5	110.0	135.0	158.5	180.6	198.0	213.5	229.5	244.9
45°	59.2	79.1	102.5	129.0	154.7	178.7	198.0	215.0	232.6	250.2	268.7
42.5°	68.0	92.5	119.1	147.3	173.0	195.1	213.5	232.6	252.0	272.4	293.8
40°	79.3	105.4	135.3	163.6	189.4	209.2	229.5	250.2	272.4	295.9	319.8
37.5°	90.4	119.6	150.6	179.3	202.0	223.2	244.9	268.7	293.8	319.8	359.0
35°	101.0	133.2	164.4	192.1	214.0	237.0	261.4	287.3	315.4	355.4	396.6
32.5°	112.0	146.0	177.4	202.6	226.1	250.6	277.3	306.8	344.9	389.8	431.2
30°	123.0	157.3	188.7	212.5	237.5	264.6	293.9	327.6	375.9	420.8	468.1
27.5°	133.2	167.7	197.2	222.2	248.5	277.7	310.1	354.9	403.9	451.5	505.3
25°	142.6	177.4	205.0	231.4	259.8	291.1	327.4	380.4	429.5	484.1	568.7
22.5°	150.9	186.1	212.2	239.8	270.1	303.9	349.2	402.6	455.2	515.9	635.1
20°	158.2	192.1	219.0	247.6	279.5	315.5	369.1	422.7	480.9	572.6	827.5
17.5°	164.6	197.4	225.2	255.3	288.9	328.8	386.7	440.8	504.1	623.7	1063.1
15°	170.2	202.0	230.7	262.0	297.3	343.2	401.4	459.2	536.5	711.3	1274.2
12.5°	175.0	205.9	235.3	267.8	304.4	355.5	413.9	475.4	572.4	877.5	1520.9
10°	178.9	209.2	239.1	272.5	310.4	365.7	424.3	488.8	602.1	1015.5	1726.3
7.5°	182.0	211.7	242.1	276.2	315.0	373.7	432.4	499.3	625.6	1124.3	1888.4
5°	184.2	213.5	244.3	278.9	318.3	379.4	438.3	506.9	642.4	1202.8	2005.5
2.5°	185.6	214.6	245.6	280.5	320.3	382.8	441.8	511.5	652.6	1250.2	2076.3
0°	186.0	215.0	246.0	281.0	321.0	384.0	443.0	513.0	656.0	1266.0	2100.0
-2.5°	185.6	214.6	245.6	280.5	320.3	382.8	441.8	511.5	652.6	1250.2	2076.3
-5°	184.2	213.5	244.3	278.9	318.3	379.4	438.3	506.9	642.4	1202.8	2005.5
-7.5°	182.0	211.7	242.1	276.2	315.0	373.7	432.4	499.3	625.6	1124.3	1888.4
-10°	178.9	209.2	239.1	272.5	310.4	365.7	424.3	488.8	602.1	1015.5	1726.3
-12.5°	175.0	205.9	235.3	267.8	304.4	355.5	413.9	475.4	572.4	877.5	1520.9
-15°	170.2	202.0	230.7	262.0	297.3	343.2	401.4	459.2	536.5	711.3	1274.2
-17.5°	164.6	197.4	225.2	255.3	288.9	328.8	386.7	440.8	504.1	623.7	1063.1
-20°	158.2	192.1	219.0	247.6	279.5	315.5	369.1	422.7	480.9	572.6	827.5



REPORT NUMBER: P640291 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_ALL ON

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	150.9	186.1	212.2	239.8	270.1	303.9	349.2	402.6	455.2	515.9	635.1
-25°	142.6	177.4	205.0	231.4	259.8	291.1	327.4	380.4	429.5	484.1	568.7
-27.5°	133.2	167.7	197.2	222.2	248.5	277.7	310.1	354.9	403.9	451.5	505.3
-30°	123.0	157.3	188.7	212.5	237.5	264.6	293.9	327.6	375.9	420.8	468.1
-32.5°	112.0	146.0	177.4	202.6	226.1	250.6	277.3	306.8	344.9	389.8	431.2
-35°	101.0	133.2	164.4	192.1	214.0	237.0	261.4	287.3	315.4	355.4	396.6
-37.5°	90.4	119.6	150.6	179.3	202.0	223.2	244.9	268.7	293.8	319.8	359.0
-40°	79.3	105.4	135.3	163.6	189.4	209.2	229.5	250.2	272.4	295.9	319.8
-42.5°	68.0	92.5	119.1	147.3	173.0	195.1	213.5	232.6	252.0	272.4	293.8
-45°	59.2	79.1	102.5	129.0	154.7	178.7	198.0	215.0	232.6	250.2	268.7
-47.5°	50.0	66.3	87.5	110.0	135.0	158.5	180.6	198.0	213.5	229.5	244.9
-50°	41.5	56.0	71.9	92.5	114.0	137.0	158.5	178.7	195.1	209.2	223.2
-52.5°	35.5	45.3	59.6	75.3	94.2	114.0	135.0	154.7	173.0	189.4	202.0
-55°	29.3	37.7	47.7	60.8	75.3	92.5	110.0	129.0	147.3	163.6	179.3
-57.5°	24.0	30.7	38.4	47.7	59.6	71.9	87.5	102.5	119.1	135.3	150.6
-60°	19.1	24.5	30.7	37.7	45.3	56.0	66.3	79.1	92.5	105.4	119.6
-62.5°	14.6	19.1	24.0	29.3	35.5	41.5	50.0	59.2	68.0	79.3	90.4
-65°	12.5	14.4	18.0	22.3	26.6	31.9	37.2	42.3	49.8	57.5	64.7
-67.5°	10.4	12.1	13.7	15.9	19.7	23.4	26.9	31.5	35.9	40.1	44.8
-70°	8.5	9.8	11.2	12.6	14.0	16.0	19.1	22.2	25.1	28.2	31.8
-72.5°	6.8	7.8	8.9	9.9	11.1	12.3	13.4	14.6	16.5	18.9	21.2
-75°	5.2	5.9	6.8	7.7	8.5	9.3	10.1	11.1	12.0	12.9	13.7
-77.5°	3.9	4.5	5.0	5.6	6.1	6.8	7.5	8.1	8.7	9.3	9.8
-80°	2.7	3.0	3.4	3.9	4.3	4.7	5.1	5.5	5.8	6.2	6.7
-82.5°	1.8	2.0	2.2	2.4	2.6	2.9	3.1	3.4	3.6	3.9	4.1
-85°	0.9	1.0	1.1	1.3	1.4	1.6	1.7	1.8	1.9	2.1	2.2
-87.5°	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	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: P640291 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_ALL ON

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°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0
85°	2.3	2.4	2.5	2.5	2.6	2.7	2.8	2.8	2.9	2.9	2.9
82.5°	4.4	4.6	4.8	5.0	5.2	5.3	5.5	5.6	5.7	5.8	5.9
80°	7.1	7.5	7.8	8.2	8.5	8.8	9.0	9.3	9.4	9.6	9.8
77.5°	10.4	11.0	11.6	12.1	12.6	13.1	13.5	13.8	14.1	14.4	14.6
75°	14.5	15.5	17.2	18.7	20.1	21.4	22.6	23.6	24.5	25.3	25.9
72.5°	23.4	25.5	27.6	30.0	32.2	34.2	36.0	37.7	39.1	40.3	41.2
70°	35.1	38.3	41.3	44.7	48.8	52.6	56.0	59.0	61.6	63.9	65.7
67.5°	51.0	56.8	62.3	67.4	73.2	79.1	84.5	89.2	93.4	96.9	99.8
65°	72.7	81.7	90.2	98.0	105.4	113.1	120.1	126.3	131.8	136.4	140.2
62.5°	101.0	112.0	123.0	133.2	142.6	150.9	158.2	164.6	170.2	175.0	178.9
60°	133.2	146.0	157.3	167.7	177.4	186.1	192.1	197.4	202.0	205.9	209.2
57.5°	164.4	177.4	188.7	197.2	205.0	212.2	219.0	225.2	230.7	235.3	239.1
55°	192.1	202.6	212.5	222.2	231.4	239.8	247.6	255.3	262.0	267.8	272.5
52.5°	214.0	226.1	237.5	248.5	259.8	270.1	279.5	288.9	297.3	304.4	310.4
50°	237.0	250.6	264.6	277.7	291.1	303.9	315.5	328.8	343.2	355.5	365.7
47.5°	261.4	277.3	293.9	310.1	327.4	349.2	369.1	386.7	401.4	413.9	424.3
45°	287.3	306.8	327.6	354.9	380.4	402.6	422.7	440.8	459.2	475.4	488.8
42.5°	315.4	344.9	375.9	403.9	429.5	455.2	480.9	504.1	536.5	572.4	602.1
40°	355.4	389.8	420.8	451.5	484.1	515.9	572.6	623.7	711.3	877.5	1015.5
37.5°	396.6	431.2	468.1	505.3	568.7	635.1	827.5	1063.1	1274.2	1520.9	1726.3
35°	434.6	476.6	523.7	604.6	762.5	1066.6	1376.6	1724.4	2033.8	2321.1	2566.4
32.5°	476.6	532.5	622.8	881.9	1229.7	1661.9	2074.1	2483.3	2850.7	3182.0	3470.0
30°	523.7	622.8	922.1	1329.4	1836.5	2334.0	2819.8	3283.4	3712.4	4091.8	4424.5
27.5°	604.6	881.9	1329.4	1895.3	2467.3	3027.4	3589.5	4112.4	4604.5	5036.2	5497.5
25°	762.5	1229.7	1836.5	2467.3	3102.5	3745.5	4369.0	4959.0	5615.2	6212.8	6907.3
22.5°	1066.6	1661.9	2334.0	3027.4	3745.5	4455.8	5167.6	5974.6	6893.2	7882.4	8822.4
20°	1376.6	2074.1	2819.8	3589.5	4369.0	5167.6	6096.5	7280.5	8527.8	9877.7	11100.5
17.5°	1724.4	2483.3	3283.4	4112.4	4959.0	5974.6	7280.5	8785.8	10424.9	12182.7	13803.4
15°	2033.8	2850.7	3712.4	4604.5	5615.2	6893.2	8527.8	10424.9	12553.9	14943.9	17652.4
12.5°	2321.1	3182.0	4091.8	5036.2	6212.8	7882.4	9877.7	12182.7	14943.9	18310.2	22215.9
10°	2566.4	3470.0	4424.5	5497.5	6907.3	8822.4	11100.5	13803.4	17652.4	22215.9	26533.7
7.5°	2760.3	3698.4	4689.3	5866.6	7523.6	9673.3	12288.2	15755.3	20354.5	25541.0	29871.1
5°	2900.7	3864.0	4881.9	6136.0	7975.4	10300.6	13170.6	17256.3	22611.9	27953.6	32060.4
2.5°	2985.7	3964.4	4998.9	6300.0	8251.4	10685.4	13715.1	18190.1	24033.3	29382.5	33313.7
0°	3014.1	3998.1	5038.1	6355.1	8344.2	10815.2	13899.3	18507.4	24519.5	29829.1	33745.7
-2.5°	2985.7	3964.4	4998.9	6300.0	8251.4	10685.4	13715.1	18190.1	24033.3	29382.5	33313.7
-5°	2900.7	3864.0	4881.9	6136.0	7975.4	10300.6	13170.6	17256.3	22611.9	27953.6	32060.4
-7.5°	2760.3	3698.4	4689.3	5866.6	7523.6	9673.3	12288.2	15755.3	20354.5	25541.0	29871.1
-10°	2566.4	3470.0	4424.5	5497.5	6907.3	8822.4	11100.5	13803.4	17652.4	22215.9	26533.7
-12.5°	2321.1	3182.0	4091.8	5036.2	6212.8	7882.4	9877.7	12182.7	14943.9	18310.2	22215.9
-15°	2033.8	2850.7	3712.4	4604.5	5615.2	6893.2	8527.8	10424.9	12553.9	14943.9	17652.4
-17.5°	1724.4	2483.3	3283.4	4112.4	4959.0	5974.6	7280.5	8785.8	10424.9	12182.7	13803.4
-20°	1376.6	2074.1	2819.8	3589.5	4369.0	5167.6	6096.5	7280.5	8527.8	9877.7	11100.5



REPORT NUMBER: P640291 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_ALL ON

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1066.6	1661.9	2334.0	3027.4	3745.5	4455.8	5167.6	5974.6	6893.2	7882.4	8822.4
-25°	762.5	1229.7	1836.5	2467.3	3102.5	3745.5	4369.0	4959.0	5615.2	6212.8	6907.3
-27.5°	604.6	881.9	1329.4	1895.3	2467.3	3027.4	3589.5	4112.4	4604.5	5036.2	5497.5
-30°	523.7	622.8	922.1	1329.4	1836.5	2334.0	2819.8	3283.4	3712.4	4091.8	4424.5
-32.5°	476.6	532.5	622.8	881.9	1229.7	1661.9	2074.1	2483.3	2850.7	3182.0	3470.0
-35°	434.6	476.6	523.7	604.6	762.5	1066.6	1376.6	1724.4	2033.8	2321.1	2566.4
-37.5°	396.6	431.2	468.1	505.3	568.7	635.1	827.5	1063.1	1274.2	1520.9	1726.3
-40°	355.4	389.8	420.8	451.5	484.1	515.9	572.6	623.7	711.3	877.5	1015.5
-42.5°	315.4	344.9	375.9	403.9	429.5	455.2	480.9	504.1	536.5	572.4	602.1
-45°	287.3	306.8	327.6	354.9	380.4	402.6	422.7	440.8	459.2	475.4	488.8
-47.5°	261.4	277.3	293.9	310.1	327.4	349.2	369.1	386.7	401.4	413.9	424.3
-50°	237.0	250.6	264.6	277.7	291.1	303.9	315.5	328.8	343.2	355.5	365.7
-52.5°	214.0	226.1	237.5	248.5	259.8	270.1	279.5	288.9	297.3	304.4	310.4
-55°	192.1	202.6	212.5	222.2	231.4	239.8	247.6	255.3	262.0	267.8	272.5
-57.5°	164.4	177.4	188.7	197.2	205.0	212.2	219.0	225.2	230.7	235.3	239.1
-60°	133.2	146.0	157.3	167.7	177.4	186.1	192.1	197.4	202.0	205.9	209.2
-62.5°	101.0	112.0	123.0	133.2	142.6	150.9	158.2	164.6	170.2	175.0	178.9
-65°	72.7	81.7	90.2	98.0	105.4	113.1	120.1	126.3	131.8	136.4	140.2
-67.5°	51.0	56.8	62.3	67.4	73.2	79.1	84.5	89.2	93.4	96.9	99.8
-70°	35.1	38.3	41.3	44.7	48.8	52.6	56.0	59.0	61.6	63.9	65.7
-72.5°	23.4	25.5	27.6	30.0	32.2	34.2	36.0	37.7	39.1	40.3	41.2
-75°	14.5	15.5	17.2	18.7	20.1	21.4	22.6	23.6	24.5	25.3	25.9
-77.5°	10.4	11.0	11.6	12.1	12.6	13.1	13.5	13.8	14.1	14.4	14.6
-80°	7.1	7.5	7.8	8.2	8.5	8.8	9.0	9.3	9.4	9.6	9.8
-82.5°	4.4	4.6	4.8	5.0	5.2	5.3	5.5	5.6	5.7	5.8	5.9
-85°	2.3	2.4	2.5	2.5	2.6	2.7	2.8	2.8	2.9	2.9	2.9
-87.5°	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0
-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: P640291 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_ALL ON

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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
85°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.8
82.5°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.8	5.7	5.6
80°	9.9	9.9	10.0	10.0	10.0	9.9	9.9	9.8	9.6	9.4	9.3
77.5°	14.8	14.9	15.0	15.0	15.0	14.9	14.8	14.6	14.4	14.1	13.8
75°	26.4	26.7	26.9	27.0	26.9	26.7	26.4	25.9	25.3	24.5	23.6
72.5°	42.0	42.6	42.9	43.0	42.9	42.6	42.0	41.2	40.3	39.1	37.7
70°	67.1	68.2	68.8	69.0	68.8	68.2	67.1	65.7	63.9	61.6	59.0
67.5°	102.1	103.7	104.7	105.0	104.7	103.7	102.1	99.8	96.9	93.4	89.2
65°	143.2	145.3	146.6	147.0	146.6	145.3	143.2	140.2	136.4	131.8	126.3
62.5°	182.0	184.2	185.6	186.0	185.6	184.2	182.0	178.9	175.0	170.2	164.6
60°	211.7	213.5	214.6	215.0	214.6	213.5	211.7	209.2	205.9	202.0	197.4
57.5°	242.1	244.3	245.6	246.0	245.6	244.3	242.1	239.1	235.3	230.7	225.2
55°	276.2	278.9	280.5	281.0	280.5	278.9	276.2	272.5	267.8	262.0	255.3
52.5°	315.0	318.3	320.3	321.0	320.3	318.3	315.0	310.4	304.4	297.3	288.9
50°	373.7	379.4	382.8	384.0	382.8	379.4	373.7	365.7	355.5	343.2	328.8
47.5°	432.4	438.3	441.8	443.0	441.8	438.3	432.4	424.3	413.9	401.4	386.7
45°	499.3	506.9	511.5	513.0	511.5	506.9	499.3	488.8	475.4	459.2	440.8
42.5°	625.6	642.4	652.6	656.0	652.6	642.4	625.6	602.1	572.4	536.5	504.1
40°	1124.3	1202.8	1250.2	1266.0	1250.2	1202.8	1124.3	1015.5	877.5	711.3	623.7
37.5°	1888.4	2005.5	2076.3	2100.0	2076.3	2005.5	1888.4	1726.3	1520.9	1274.2	1063.1
35°	2760.3	2900.7	2985.7	3014.1	2985.7	2900.7	2760.3	2566.4	2321.1	2033.8	1724.4
32.5°	3698.4	3864.0	3964.4	3998.1	3964.4	3864.0	3698.4	3470.0	3182.0	2850.7	2483.3
30°	4689.3	4881.9	4998.9	5038.1	4998.9	4881.9	4689.3	4424.5	4091.8	3712.4	3283.4
27.5°	5866.6	6136.0	6300.0	6355.1	6300.0	6136.0	5866.6	5497.5	5036.2	4604.5	4112.4
25°	7523.6	7975.4	8251.4	8344.2	8251.4	7975.4	7523.6	6907.3	6212.8	5615.2	4959.0
22.5°	9673.3	10300.6	10685.4	10815.2	10685.4	10300.6	9673.3	8822.4	7882.4	6893.2	5974.6
20°	12288.2	13170.6	13715.1	13899.3	13715.1	13170.6	12288.2	11100.5	9877.7	8527.8	7280.5
17.5°	15755.3	17256.3	18190.1	18507.4	18190.1	17256.3	15755.3	13803.4	12182.7	10424.9	8785.8
15°	20354.5	22611.9	24033.3	24519.5	24033.3	22611.9	20354.5	17652.4	14943.9	12553.9	10424.9
12.5°	25541.0	27953.6	29382.5	29829.1	29382.5	27953.6	25541.0	22215.9	18310.2	14943.9	12182.7
10°	29871.1	32060.4	33313.7	33745.7	33313.7	32060.4	29871.1	26533.7	22215.9	17652.4	13803.4
7.5°	32907.1	34936.6	36050.0	36422.8	36050.0	34936.6	32907.1	29871.1	25541.0	20354.5	15755.3
5°	34936.6	36823.3	37891.7	38240.8	37891.7	36823.3	34936.6	32060.4	27953.6	22611.9	17256.3
2.5°	36050.0	37891.7	38654.1	38592.8	38654.1	37891.7	36050.0	33313.7	29382.5	24033.3	18190.1
0°	36422.8	38240.8	38592.8	38102.8	38592.8	38240.8	36422.8	33745.7	29829.1	24519.5	18507.4
-2.5°	36050.0	37891.7	38654.1	38592.8	38654.1	37891.7	36050.0	33313.7	29382.5	24033.3	18190.1
-5°	34936.6	36823.3	37891.7	38240.8	37891.7	36823.3	34936.6	32060.4	27953.6	22611.9	17256.3
-7.5°	32907.1	34936.6	36050.0	36422.8	36050.0	34936.6	32907.1	29871.1	25541.0	20354.5	15755.3
-10°	29871.1	32060.4	33313.7	33745.7	33313.7	32060.4	29871.1	26533.7	22215.9	17652.4	13803.4
-12.5°	25541.0	27953.6	29382.5	29829.1	29382.5	27953.6	25541.0	22215.9	18310.2	14943.9	12182.7
-15°	20354.5	22611.9	24033.3	24519.5	24033.3	22611.9	20354.5	17652.4	14943.9	12553.9	10424.9
-17.5°	15755.3	17256.3	18190.1	18507.4	18190.1	17256.3	15755.3	13803.4	12182.7	10424.9	8785.8
-20°	12288.2	13170.6	13715.1	13899.3	13715.1	13170.6	12288.2	11100.5	9877.7	8527.8	7280.5



REPORT NUMBER: P640291 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_ALL ON

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9673.3	10300.6	10685.4	10815.2	10685.4	10300.6	9673.3	8822.4	7882.4	6893.2	5974.6
-25°	7523.6	7975.4	8251.4	8344.2	8251.4	7975.4	7523.6	6907.3	6212.8	5615.2	4959.0
-27.5°	5866.6	6136.0	6300.0	6355.1	6300.0	6136.0	5866.6	5497.5	5036.2	4604.5	4112.4
-30°	4689.3	4881.9	4998.9	5038.1	4998.9	4881.9	4689.3	4424.5	4091.8	3712.4	3283.4
-32.5°	3698.4	3864.0	3964.4	3998.1	3964.4	3864.0	3698.4	3470.0	3182.0	2850.7	2483.3
-35°	2760.3	2900.7	2985.7	3014.1	2985.7	2900.7	2760.3	2566.4	2321.1	2033.8	1724.4
-37.5°	1888.4	2005.5	2076.3	2100.0	2076.3	2005.5	1888.4	1726.3	1520.9	1274.2	1063.1
-40°	1124.3	1202.8	1250.2	1266.0	1250.2	1202.8	1124.3	1015.5	877.5	711.3	623.7
-42.5°	625.6	642.4	652.6	656.0	652.6	642.4	625.6	602.1	572.4	536.5	504.1
-45°	499.3	506.9	511.5	513.0	511.5	506.9	499.3	488.8	475.4	459.2	440.8
-47.5°	432.4	438.3	441.8	443.0	441.8	438.3	432.4	424.3	413.9	401.4	386.7
-50°	373.7	379.4	382.8	384.0	382.8	379.4	373.7	365.7	355.5	343.2	328.8
-52.5°	315.0	318.3	320.3	321.0	320.3	318.3	315.0	310.4	304.4	297.3	288.9
-55°	276.2	278.9	280.5	281.0	280.5	278.9	276.2	272.5	267.8	262.0	255.3
-57.5°	242.1	244.3	245.6	246.0	245.6	244.3	242.1	239.1	235.3	230.7	225.2
-60°	211.7	213.5	214.6	215.0	214.6	213.5	211.7	209.2	205.9	202.0	197.4
-62.5°	182.0	184.2	185.6	186.0	185.6	184.2	182.0	178.9	175.0	170.2	164.6
-65°	143.2	145.3	146.6	147.0	146.6	145.3	143.2	140.2	136.4	131.8	126.3
-67.5°	102.1	103.7	104.7	105.0	104.7	103.7	102.1	99.8	96.9	93.4	89.2
-70°	67.1	68.2	68.8	69.0	68.8	68.2	67.1	65.7	63.9	61.6	59.0
-72.5°	42.0	42.6	42.9	43.0	42.9	42.6	42.0	41.2	40.3	39.1	37.7
-75°	26.4	26.7	26.9	27.0	26.9	26.7	26.4	25.9	25.3	24.5	23.6
-77.5°	14.8	14.9	15.0	15.0	15.0	14.9	14.8	14.6	14.4	14.1	13.8
-80°	9.9	9.9	10.0	10.0	10.0	9.9	9.9	9.8	9.6	9.4	9.3
-82.5°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.8	5.7	5.6
-85°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.8
-87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-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: P640291 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_ALL ON

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°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7
85°	2.8	2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.1	1.9	1.8
82.5°	5.5	5.3	5.2	5.0	4.8	4.6	4.4	4.1	3.9	3.6	3.4
80°	9.0	8.8	8.5	8.2	7.8	7.5	7.1	6.7	6.2	5.8	5.5
77.5°	13.5	13.1	12.6	12.1	11.6	11.0	10.4	9.8	9.3	8.7	8.1
75°	22.6	21.4	20.1	18.7	17.2	15.5	14.5	13.7	12.9	12.0	11.1
72.5°	36.0	34.2	32.2	30.0	27.6	25.5	23.4	21.2	18.9	16.5	14.6
70°	56.0	52.6	48.8	44.7	41.3	38.3	35.1	31.8	28.2	25.1	22.2
67.5°	84.5	79.1	73.2	67.4	62.3	56.8	51.0	44.8	40.1	35.9	31.5
65°	120.1	113.1	105.4	98.0	90.2	81.7	72.7	64.7	57.5	49.8	42.3
62.5°	158.2	150.9	142.6	133.2	123.0	112.0	101.0	90.4	79.3	68.0	59.2
60°	192.1	186.1	177.4	167.7	157.3	146.0	133.2	119.6	105.4	92.5	79.1
57.5°	219.0	212.2	205.0	197.2	188.7	177.4	164.4	150.6	135.3	119.1	102.5
55°	247.6	239.8	231.4	222.2	212.5	202.6	192.1	179.3	163.6	147.3	129.0
52.5°	279.5	270.1	259.8	248.5	237.5	226.1	214.0	202.0	189.4	173.0	154.7
50°	315.5	303.9	291.1	277.7	264.6	250.6	237.0	223.2	209.2	195.1	178.7
47.5°	369.1	349.2	327.4	310.1	293.9	277.3	261.4	244.9	229.5	213.5	198.0
45°	422.7	402.6	380.4	354.9	327.6	306.8	287.3	268.7	250.2	232.6	215.0
42.5°	480.9	455.2	429.5	403.9	375.9	344.9	315.4	293.8	272.4	252.0	232.6
40°	572.6	515.9	484.1	451.5	420.8	389.8	355.4	319.8	295.9	272.4	250.2
37.5°	827.5	635.1	568.7	505.3	468.1	431.2	396.6	359.0	319.8	293.8	268.7
35°	1376.6	1066.6	762.5	604.6	523.7	476.6	434.6	396.6	355.4	315.4	287.3
32.5°	2074.1	1661.9	1229.7	881.9	622.8	532.5	476.6	431.2	389.8	344.9	306.8
30°	2819.8	2334.0	1836.5	1329.4	922.1	622.8	523.7	468.1	420.8	375.9	327.6
27.5°	3589.5	3027.4	2467.3	1895.3	1329.4	881.9	604.6	505.3	451.5	403.9	354.9
25°	4369.0	3745.5	3102.5	2467.3	1836.5	1229.7	762.5	568.7	484.1	429.5	380.4
22.5°	5167.6	4455.8	3745.5	3027.4	2334.0	1661.9	1066.6	635.1	515.9	455.2	402.6
20°	6096.5	5167.6	4369.0	3589.5	2819.8	2074.1	1376.6	827.5	572.6	480.9	422.7
17.5°	7280.5	5974.6	4959.0	4112.4	3283.4	2483.3	1724.4	1063.1	623.7	504.1	440.8
15°	8527.8	6893.2	5615.2	4604.5	3712.4	2850.7	2033.8	1274.2	711.3	536.5	459.2
12.5°	9877.7	7882.4	6212.8	5036.2	4091.8	3182.0	2321.1	1520.9	877.5	572.4	475.4
10°	11100.5	8822.4	6907.3	5497.5	4424.5	3470.0	2566.4	1726.3	1015.5	602.1	488.8
7.5°	12288.2	9673.3	7523.6	5866.6	4689.3	3698.4	2760.3	1888.4	1124.3	625.6	499.3
5°	13170.6	10300.6	7975.4	6136.0	4881.9	3864.0	2900.7	2005.5	1202.8	642.4	506.9
2.5°	13715.1	10685.4	8251.4	6300.0	4998.9	3964.4	2985.7	2076.3	1250.2	652.6	511.5
0°	13899.3	10815.2	8344.2	6355.1	5038.1	3998.1	3014.1	2100.0	1266.0	656.0	513.0
-2.5°	13715.1	10685.4	8251.4	6300.0	4998.9	3964.4	2985.7	2076.3	1250.2	652.6	511.5
-5°	13170.6	10300.6	7975.4	6136.0	4881.9	3864.0	2900.7	2005.5	1202.8	642.4	506.9
-7.5°	12288.2	9673.3	7523.6	5866.6	4689.3	3698.4	2760.3	1888.4	1124.3	625.6	499.3
-10°	11100.5	8822.4	6907.3	5497.5	4424.5	3470.0	2566.4	1726.3	1015.5	602.1	488.8
-12.5°	9877.7	7882.4	6212.8	5036.2	4091.8	3182.0	2321.1	1520.9	877.5	572.4	475.4
-15°	8527.8	6893.2	5615.2	4604.5	3712.4	2850.7	2033.8	1274.2	711.3	536.5	459.2
-17.5°	7280.5	5974.6	4959.0	4112.4	3283.4	2483.3	1724.4	1063.1	623.7	504.1	440.8
-20°	6096.5	5167.6	4369.0	3589.5	2819.8	2074.1	1376.6	827.5	572.6	480.9	422.7



REPORT NUMBER: P640291 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_ALL ON

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5167.6	4455.8	3745.5	3027.4	2334.0	1661.9	1066.6	635.1	515.9	455.2	402.6
-25°	4369.0	3745.5	3102.5	2467.3	1836.5	1229.7	762.5	568.7	484.1	429.5	380.4
-27.5°	3589.5	3027.4	2467.3	1895.3	1329.4	881.9	604.6	505.3	451.5	403.9	354.9
-30°	2819.8	2334.0	1836.5	1329.4	922.1	622.8	523.7	468.1	420.8	375.9	327.6
-32.5°	2074.1	1661.9	1229.7	881.9	622.8	532.5	476.6	431.2	389.8	344.9	306.8
-35°	1376.6	1066.6	762.5	604.6	523.7	476.6	434.6	396.6	355.4	315.4	287.3
-37.5°	827.5	635.1	568.7	505.3	468.1	431.2	396.6	359.0	319.8	293.8	268.7
-40°	572.6	515.9	484.1	451.5	420.8	389.8	355.4	319.8	295.9	272.4	250.2
-42.5°	480.9	455.2	429.5	403.9	375.9	344.9	315.4	293.8	272.4	252.0	232.6
-45°	422.7	402.6	380.4	354.9	327.6	306.8	287.3	268.7	250.2	232.6	215.0
-47.5°	369.1	349.2	327.4	310.1	293.9	277.3	261.4	244.9	229.5	213.5	198.0
-50°	315.5	303.9	291.1	277.7	264.6	250.6	237.0	223.2	209.2	195.1	178.7
-52.5°	279.5	270.1	259.8	248.5	237.5	226.1	214.0	202.0	189.4	173.0	154.7
-55°	247.6	239.8	231.4	222.2	212.5	202.6	192.1	179.3	163.6	147.3	129.0
-57.5°	219.0	212.2	205.0	197.2	188.7	177.4	164.4	150.6	135.3	119.1	102.5
-60°	192.1	186.1	177.4	167.7	157.3	146.0	133.2	119.6	105.4	92.5	79.1
-62.5°	158.2	150.9	142.6	133.2	123.0	112.0	101.0	90.4	79.3	68.0	59.2
-65°	120.1	113.1	105.4	98.0	90.2	81.7	72.7	64.7	57.5	49.8	42.3
-67.5°	84.5	79.1	73.2	67.4	62.3	56.8	51.0	44.8	40.1	35.9	31.5
-70°	56.0	52.6	48.8	44.7	41.3	38.3	35.1	31.8	28.2	25.1	22.2
-72.5°	36.0	34.2	32.2	30.0	27.6	25.5	23.4	21.2	18.9	16.5	14.6
-75°	22.6	21.4	20.1	18.7	17.2	15.5	14.5	13.7	12.9	12.0	11.1
-77.5°	13.5	13.1	12.6	12.1	11.6	11.0	10.4	9.8	9.3	8.7	8.1
-80°	9.0	8.8	8.5	8.2	7.8	7.5	7.1	6.7	6.2	5.8	5.5
-82.5°	5.5	5.3	5.2	5.0	4.8	4.6	4.4	4.1	3.9	3.6	3.4
-85°	2.8	2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.1	1.9	1.8
-87.5°	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7
-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: P640291 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_ALL ON

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°	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.3	0.3
85°	1.7	1.6	1.4	1.3	1.1	1.0	0.9	0.8	0.8	0.7	0.6
82.5°	3.1	2.9	2.6	2.4	2.2	2.0	1.8	1.5	1.3	1.0	0.9
80°	5.1	4.7	4.3	3.9	3.4	3.0	2.7	2.4	2.0	1.7	1.4
77.5°	7.5	6.8	6.1	5.6	5.0	4.5	3.9	3.3	2.8	2.4	2.0
75°	10.1	9.3	8.5	7.7	6.8	5.9	5.2	4.5	3.8	3.1	2.6
72.5°	13.4	12.3	11.1	9.9	8.9	7.8	6.8	5.8	4.9	4.1	3.2
70°	19.1	16.0	14.0	12.6	11.2	9.8	8.5	7.3	6.0	5.1	4.1
67.5°	26.9	23.4	19.7	15.9	13.7	12.1	10.4	8.9	7.5	6.0	4.9
65°	37.2	31.9	26.6	22.3	18.0	14.4	12.5	10.6	8.9	7.3	5.8
62.5°	50.0	41.5	35.5	29.3	24.0	19.1	14.6	12.5	10.4	8.5	6.8
60°	66.3	56.0	45.3	37.7	30.7	24.5	19.1	14.4	12.1	9.8	7.8
57.5°	87.5	71.9	59.6	47.7	38.4	30.7	24.0	18.0	13.7	11.2	8.9
55°	110.0	92.5	75.3	60.8	47.7	37.7	29.3	22.3	15.9	12.6	9.9
52.5°	135.0	114.0	94.2	75.3	59.6	45.3	35.5	26.6	19.7	14.0	11.1
50°	158.5	137.0	114.0	92.5	71.9	56.0	41.5	31.9	23.4	16.0	12.3
47.5°	180.6	158.5	135.0	110.0	87.5	66.3	50.0	37.2	26.9	19.1	13.4
45°	198.0	178.7	154.7	129.0	102.5	79.1	59.2	42.3	31.5	22.2	14.6
42.5°	213.5	195.1	173.0	147.3	119.1	92.5	68.0	49.8	35.9	25.1	16.5
40°	229.5	209.2	189.4	163.6	135.3	105.4	79.3	57.5	40.1	28.2	18.9
37.5°	244.9	223.2	202.0	179.3	150.6	119.6	90.4	64.7	44.8	31.8	21.2
35°	261.4	237.0	214.0	192.1	164.4	133.2	101.0	72.7	51.0	35.1	23.4
32.5°	277.3	250.6	226.1	202.6	177.4	146.0	112.0	81.7	56.8	38.3	25.5
30°	293.9	264.6	237.5	212.5	188.7	157.3	123.0	90.2	62.3	41.3	27.6
27.5°	310.1	277.7	248.5	222.2	197.2	167.7	133.2	98.0	67.4	44.7	30.0
25°	327.4	291.1	259.8	231.4	205.0	177.4	142.6	105.4	73.2	48.8	32.2
22.5°	349.2	303.9	270.1	239.8	212.2	186.1	150.9	113.1	79.1	52.6	34.2
20°	369.1	315.5	279.5	247.6	219.0	192.1	158.2	120.1	84.5	56.0	36.0
17.5°	386.7	328.8	288.9	255.3	225.2	197.4	164.6	126.3	89.2	59.0	37.7
15°	401.4	343.2	297.3	262.0	230.7	202.0	170.2	131.8	93.4	61.6	39.1
12.5°	413.9	355.5	304.4	267.8	235.3	205.9	175.0	136.4	96.9	63.9	40.3
10°	424.3	365.7	310.4	272.5	239.1	209.2	178.9	140.2	99.8	65.7	41.2
7.5°	432.4	373.7	315.0	276.2	242.1	211.7	182.0	143.2	102.1	67.1	42.0
5°	438.3	379.4	318.3	278.9	244.3	213.5	184.2	145.3	103.7	68.2	42.6
2.5°	441.8	382.8	320.3	280.5	245.6	214.6	185.6	146.6	104.7	68.8	42.9
0°	443.0	384.0	321.0	281.0	246.0	215.0	186.0	147.0	105.0	69.0	43.0
-2.5°	441.8	382.8	320.3	280.5	245.6	214.6	185.6	146.6	104.7	68.8	42.9
-5°	438.3	379.4	318.3	278.9	244.3	213.5	184.2	145.3	103.7	68.2	42.6
-7.5°	432.4	373.7	315.0	276.2	242.1	211.7	182.0	143.2	102.1	67.1	42.0
-10°	424.3	365.7	310.4	272.5	239.1	209.2	178.9	140.2	99.8	65.7	41.2
-12.5°	413.9	355.5	304.4	267.8	235.3	205.9	175.0	136.4	96.9	63.9	40.3
-15°	401.4	343.2	297.3	262.0	230.7	202.0	170.2	131.8	93.4	61.6	39.1
-17.5°	386.7	328.8	288.9	255.3	225.2	197.4	164.6	126.3	89.2	59.0	37.7
-20°	369.1	315.5	279.5	247.6	219.0	192.1	158.2	120.1	84.5	56.0	36.0



REPORT NUMBER: P640291 (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°	349.2	303.9	270.1	239.8	212.2	186.1	150.9	113.1	79.1	52.6	34.2
-25°	327.4	291.1	259.8	231.4	205.0	177.4	142.6	105.4	73.2	48.8	32.2
-27.5°	310.1	277.7	248.5	222.2	197.2	167.7	133.2	98.0	67.4	44.7	30.0
-30°	293.9	264.6	237.5	212.5	188.7	157.3	123.0	90.2	62.3	41.3	27.6
-32.5°	277.3	250.6	226.1	202.6	177.4	146.0	112.0	81.7	56.8	38.3	25.5
-35°	261.4	237.0	214.0	192.1	164.4	133.2	101.0	72.7	51.0	35.1	23.4
-37.5°	244.9	223.2	202.0	179.3	150.6	119.6	90.4	64.7	44.8	31.8	21.2
-40°	229.5	209.2	189.4	163.6	135.3	105.4	79.3	57.5	40.1	28.2	18.9
-42.5°	213.5	195.1	173.0	147.3	119.1	92.5	68.0	49.8	35.9	25.1	16.5
-45°	198.0	178.7	154.7	129.0	102.5	79.1	59.2	42.3	31.5	22.2	14.6
-47.5°	180.6	158.5	135.0	110.0	87.5	66.3	50.0	37.2	26.9	19.1	13.4
-50°	158.5	137.0	114.0	92.5	71.9	56.0	41.5	31.9	23.4	16.0	12.3
-52.5°	135.0	114.0	94.2	75.3	59.6	45.3	35.5	26.6	19.7	14.0	11.1
-55°	110.0	92.5	75.3	60.8	47.7	37.7	29.3	22.3	15.9	12.6	9.9
-57.5°	87.5	71.9	59.6	47.7	38.4	30.7	24.0	18.0	13.7	11.2	8.9
-60°	66.3	56.0	45.3	37.7	30.7	24.5	19.1	14.4	12.1	9.8	7.8
-62.5°	50.0	41.5	35.5	29.3	24.0	19.1	14.6	12.5	10.4	8.5	6.8
-65°	37.2	31.9	26.6	22.3	18.0	14.4	12.5	10.6	8.9	7.3	5.8
-67.5°	26.9	23.4	19.7	15.9	13.7	12.1	10.4	8.9	7.5	6.0	4.9
-70°	19.1	16.0	14.0	12.6	11.2	9.8	8.5	7.3	6.0	5.1	4.1
-72.5°	13.4	12.3	11.1	9.9	8.9	7.8	6.8	5.8	4.9	4.1	3.2
-75°	10.1	9.3	8.5	7.7	6.8	5.9	5.2	4.5	3.8	3.1	2.6
-77.5°	7.5	6.8	6.1	5.6	5.0	4.5	3.9	3.3	2.8	2.4	2.0
-80°	5.1	4.7	4.3	3.9	3.4	3.0	2.7	2.4	2.0	1.7	1.4
-82.5°	3.1	2.9	2.6	2.4	2.2	2.0	1.8	1.5	1.3	1.0	0.9
-85°	1.7	1.6	1.4	1.3	1.1	1.0	0.9	0.8	0.8	0.7	0.6
-87.5°	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.3	0.3
-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: P640291 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_ALL ON

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°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
85°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
82.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
80°	1.1	0.9	0.7	0.5	0.3	0.2	0.0
77.5°	1.6	1.1	0.9	0.6	0.4	0.2	0.0
75°	2.1	1.6	1.1	0.8	0.5	0.3	0.0
72.5°	2.6	2.0	1.4	0.9	0.6	0.3	0.0
70°	3.1	2.4	1.7	1.0	0.7	0.3	0.0
67.5°	3.8	2.8	2.0	1.3	0.8	0.4	0.0
65°	4.5	3.3	2.4	1.5	0.8	0.4	0.0
62.5°	5.2	3.9	2.7	1.8	0.9	0.5	0.0
60°	5.9	4.5	3.0	2.0	1.0	0.5	0.0
57.5°	6.8	5.0	3.4	2.2	1.1	0.5	0.0
55°	7.7	5.6	3.9	2.4	1.3	0.6	0.0
52.5°	8.5	6.1	4.3	2.6	1.4	0.6	0.0
50°	9.3	6.8	4.7	2.9	1.6	0.6	0.0
47.5°	10.1	7.5	5.1	3.1	1.7	0.7	0.0
45°	11.1	8.1	5.5	3.4	1.8	0.7	0.0
42.5°	12.0	8.7	5.8	3.6	1.9	0.7	0.0
40°	12.9	9.3	6.2	3.9	2.1	0.8	0.0
37.5°	13.7	9.8	6.7	4.1	2.2	0.8	0.0
35°	14.5	10.4	7.1	4.4	2.3	0.8	0.0
32.5°	15.5	11.0	7.5	4.6	2.4	0.8	0.0
30°	17.2	11.6	7.8	4.8	2.5	0.9	0.0
27.5°	18.7	12.1	8.2	5.0	2.5	0.9	0.0
25°	20.1	12.6	8.5	5.2	2.6	0.9	0.0
22.5°	21.4	13.1	8.8	5.3	2.7	0.9	0.0
20°	22.6	13.5	9.0	5.5	2.8	0.9	0.0
17.5°	23.6	13.8	9.3	5.6	2.8	1.0	0.0
15°	24.5	14.1	9.4	5.7	2.9	1.0	0.0
12.5°	25.3	14.4	9.6	5.8	2.9	1.0	0.0
10°	25.9	14.6	9.8	5.9	2.9	1.0	0.0
7.5°	26.4	14.8	9.9	5.9	3.0	1.0	0.0
5°	26.7	14.9	9.9	6.0	3.0	1.0	0.0
2.5°	26.9	15.0	10.0	6.0	3.0	1.0	0.0
0°	27.0	15.0	10.0	6.0	3.0	1.0	0.0
-2.5°	26.9	15.0	10.0	6.0	3.0	1.0	0.0
-5°	26.7	14.9	9.9	6.0	3.0	1.0	0.0
-7.5°	26.4	14.8	9.9	5.9	3.0	1.0	0.0
-10°	25.9	14.6	9.8	5.9	2.9	1.0	0.0
-12.5°	25.3	14.4	9.6	5.8	2.9	1.0	0.0
-15°	24.5	14.1	9.4	5.7	2.9	1.0	0.0
-17.5°	23.6	13.8	9.3	5.6	2.8	1.0	0.0
-20°	22.6	13.5	9.0	5.5	2.8	0.9	0.0



REPORT NUMBER: P640291 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08PR-500PL-RGB-4S_ALL ON

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	21.4	13.1	8.8	5.3	2.7	0.9	0.0
-25°	20.1	12.6	8.5	5.2	2.6	0.9	0.0
-27.5°	18.7	12.1	8.2	5.0	2.5	0.9	0.0
-30°	17.2	11.6	7.8	4.8	2.5	0.9	0.0
-32.5°	15.5	11.0	7.5	4.6	2.4	0.8	0.0
-35°	14.5	10.4	7.1	4.4	2.3	0.8	0.0
-37.5°	13.7	9.8	6.7	4.1	2.2	0.8	0.0
-40°	12.9	9.3	6.2	3.9	2.1	0.8	0.0
-42.5°	12.0	8.7	5.8	3.6	1.9	0.7	0.0
-45°	11.1	8.1	5.5	3.4	1.8	0.7	0.0
-47.5°	10.1	7.5	5.1	3.1	1.7	0.7	0.0
-50°	9.3	6.8	4.7	2.9	1.6	0.6	0.0
-52.5°	8.5	6.1	4.3	2.6	1.4	0.6	0.0
-55°	7.7	5.6	3.9	2.4	1.3	0.6	0.0
-57.5°	6.8	5.0	3.4	2.2	1.1	0.5	0.0
-60°	5.9	4.5	3.0	2.0	1.0	0.5	0.0
-62.5°	5.2	3.9	2.7	1.8	0.9	0.5	0.0
-65°	4.5	3.3	2.4	1.5	0.8	0.4	0.0
-67.5°	3.8	2.8	2.0	1.3	0.8	0.4	0.0
-70°	3.1	2.4	1.7	1.0	0.7	0.3	0.0
-72.5°	2.6	2.0	1.4	0.9	0.6	0.3	0.0
-75°	2.1	1.6	1.1	0.8	0.5	0.3	0.0
-77.5°	1.6	1.1	0.9	0.6	0.4	0.2	0.0
-80°	1.1	0.9	0.7	0.5	0.3	0.2	0.0
-82.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-85°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
-87.5°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)