

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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: EPHEBUS

Report Number: P687829 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-VN-06-E-PRO-4000K-LAM**

Issue Date: 5/17/2023



Test Information

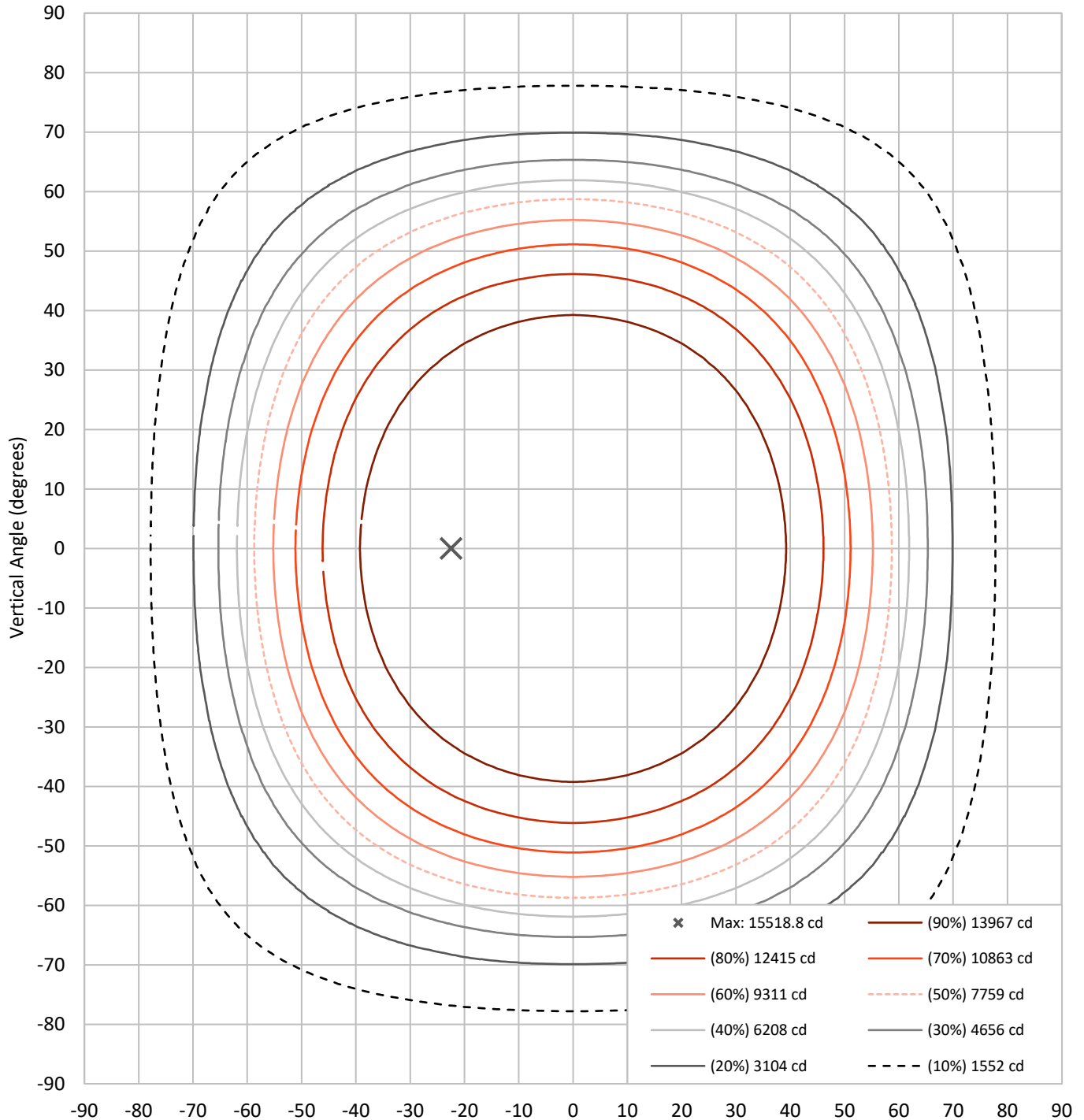
Test Method: LM-79-08
Report Number: P687829 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-765-34)
Test Lab: INNOVATION CENTER
Issue Date: 5/17/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-VN-06-E-PRO-4000K-LAM
Description: EPHEBUS LUMAVISION CCT TUNING FLOOD
3000K AND LAMBERTIAN OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	47794.5 lumens	Max Intensity:	15518.8 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	127.7 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	117.5°H x 111.6°V	Field Angle (10%):	155.5°H x 153.7°V
Beam Lumens:	39115.2 lumens	Field Lumens:	46877.7 lumens
Beam Efficiency:	81.8%	Field Efficiency:	98.1%
Input Watts (W):	374.3		
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		

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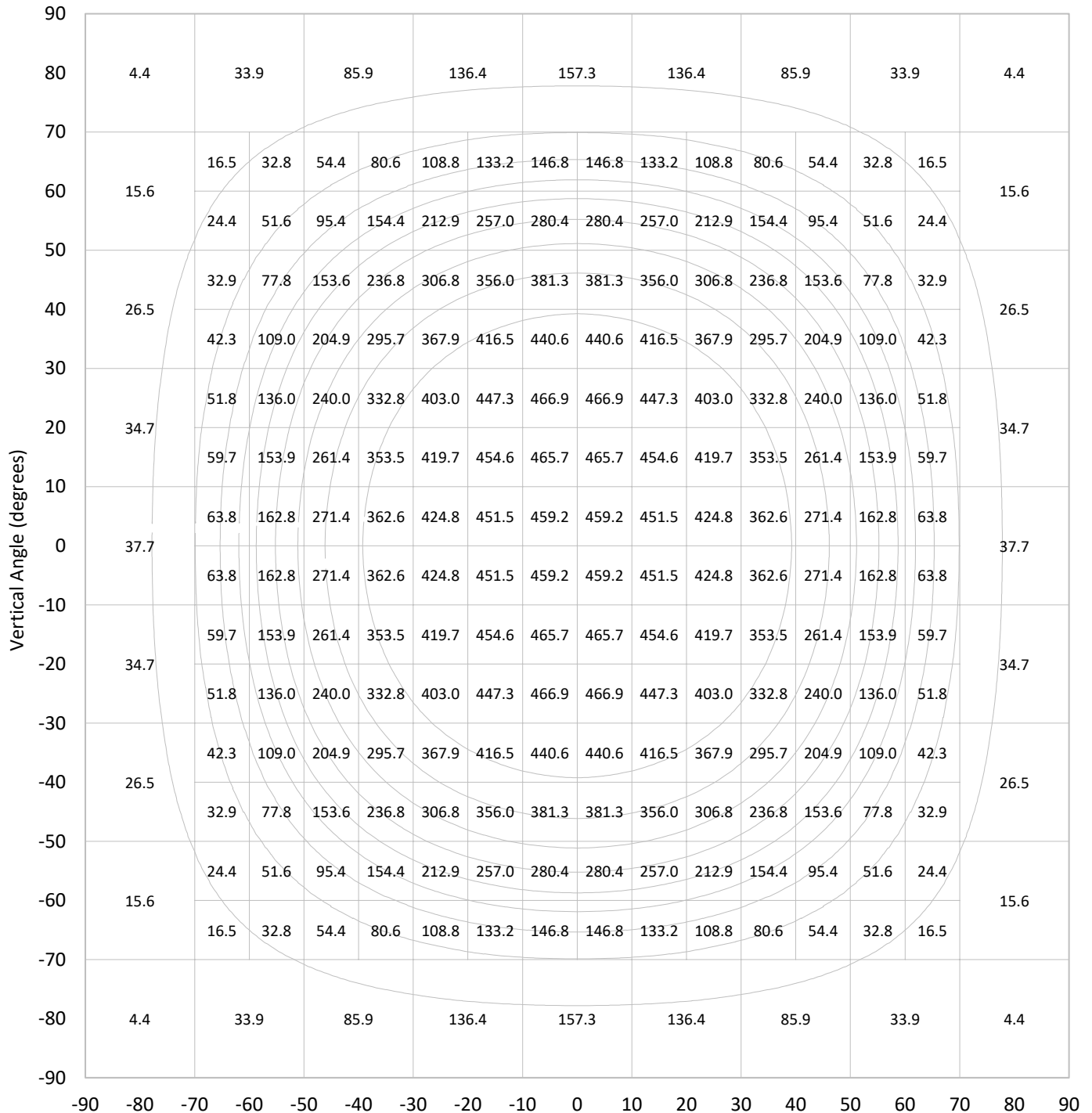
Iso-Candela Plot





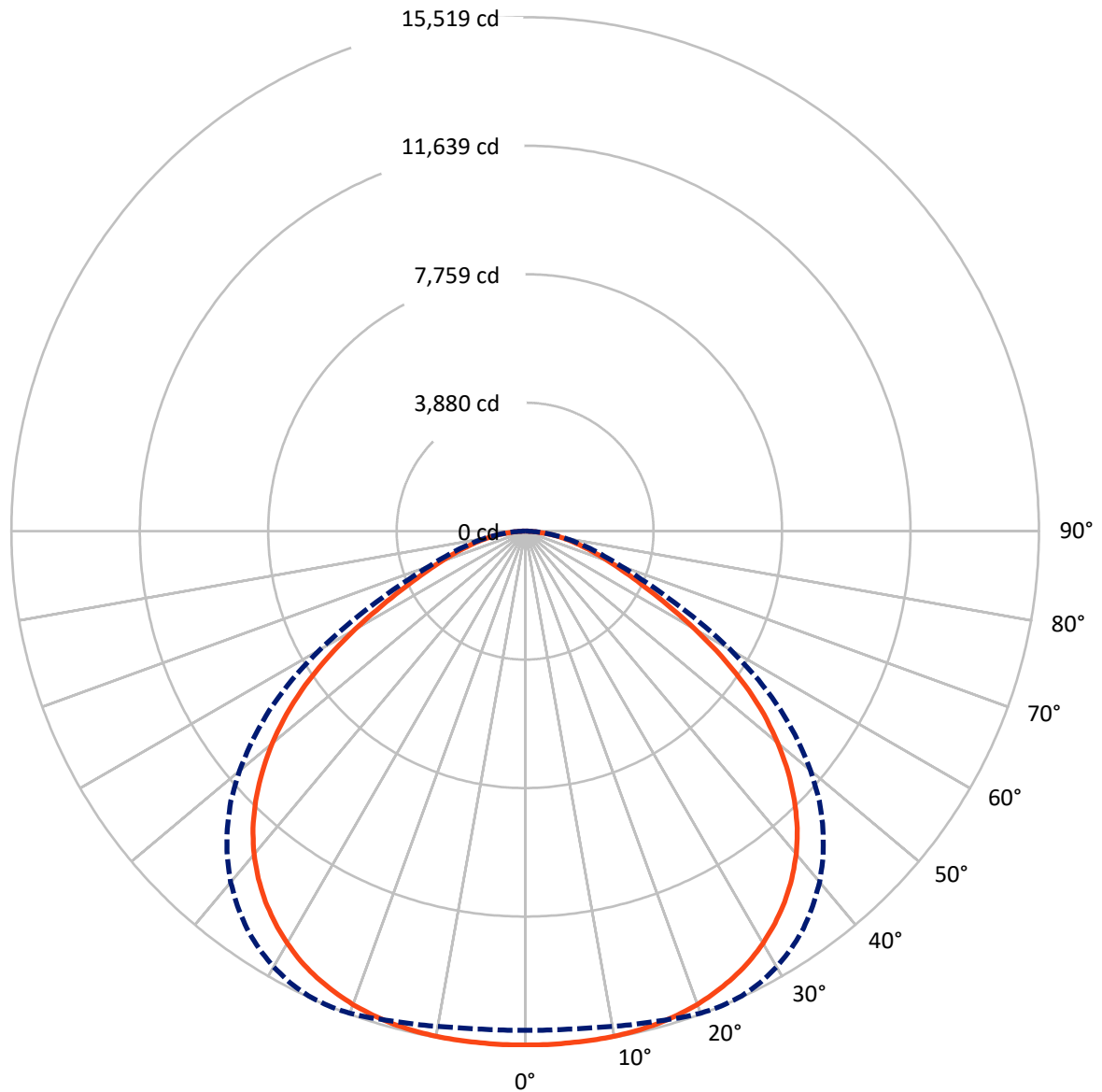
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Lumen Table



REPORT NUMBER: P687829 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-VN-06-E-PRO-4000K-LAM

Luminous Intensity Polar Plot

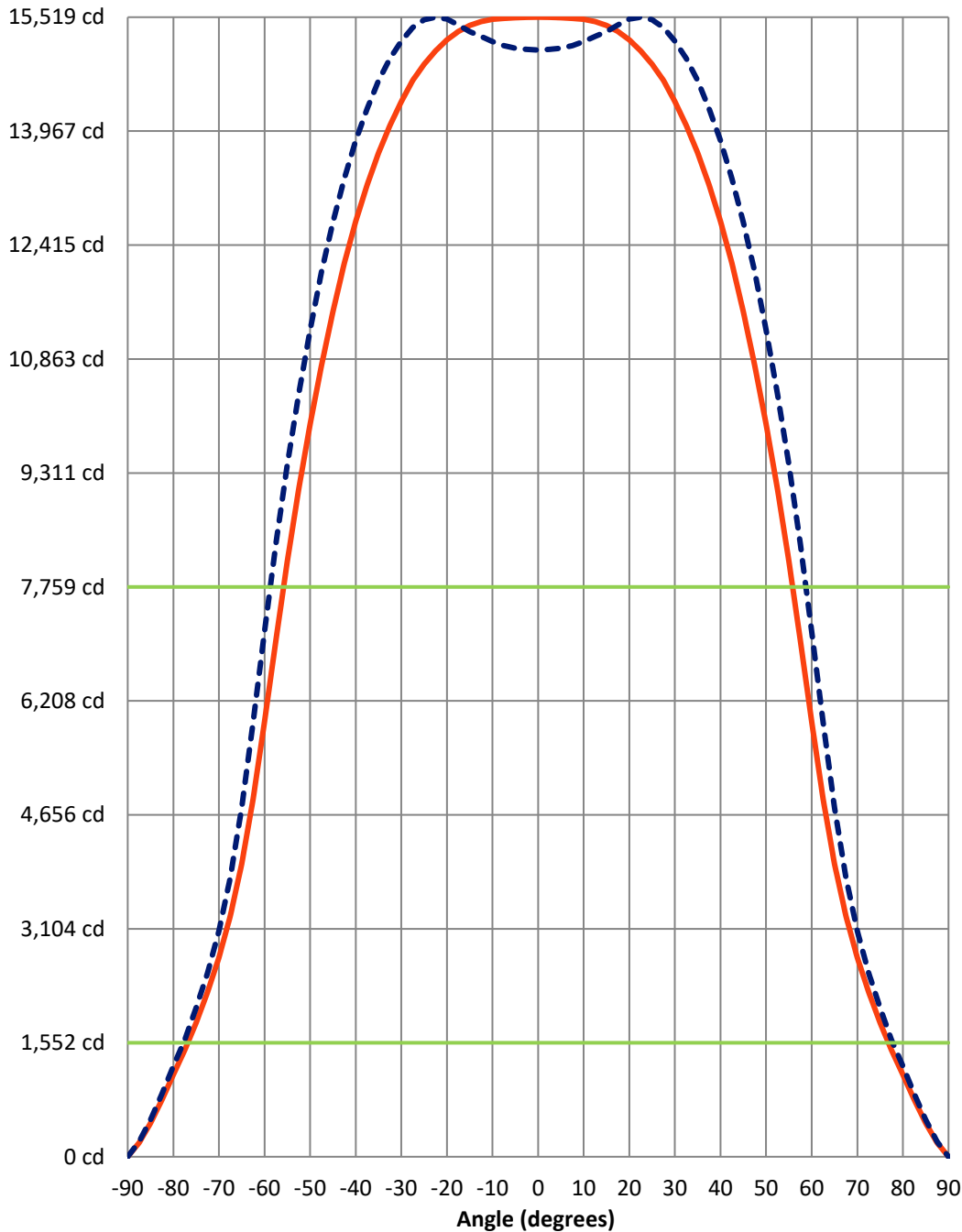


— Vertical Distribution Through -22.5-Deg - - - Horizontal Distribution Through 0-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 117.5°
 V Angle: 111.6°
 Lumens: 39115.2
 Efficiency: 81.8%

Field:
 H Angle: 155.5°
 V Angle: 153.7°
 Lumens: 46877.7
 Efficiency: 98.1%

Spill:
 Lumens: 916.8
 Efficiency: 1.9%

— Vertical Distribution through -22.5-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	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	9.0	18.0	26.9	35.8	44.6	53.4	62.0	70.5	78.9	87.2
85°	0.0	18.0	35.9	53.8	71.6	89.2	106.7	123.9	141.0	157.7	174.2
82.5°	0.0	26.9	53.8	80.6	107.2	133.6	159.8	185.6	213.3	249.4	284.9
80°	0.0	35.8	71.6	107.2	142.6	177.7	215.3	264.9	313.8	361.9	409.2
77.5°	0.0	44.6	89.2	133.6	177.7	228.3	290.8	352.6	413.6	473.6	538.2
75°	0.0	53.4	106.7	159.8	215.3	290.8	365.6	439.5	514.3	599.6	683.5
72.5°	0.0	62.0	123.9	185.6	264.9	352.6	439.5	529.7	630.4	729.7	827.4
70°	0.0	70.5	141.0	213.3	313.8	413.6	514.3	630.4	745.2	858.5	977.8
67.5°	0.0	78.9	157.7	249.4	361.9	473.6	599.6	729.7	858.5	994.4	1128.2
65°	0.0	87.2	174.2	284.9	409.2	538.2	683.5	827.4	977.8	1128.2	1274.0
62.5°	0.0	95.2	190.3	319.8	455.6	606.9	765.8	928.1	1094.9	1258.2	1411.9
60°	0.0	103.1	206.1	353.8	500.9	674.0	846.3	1028.6	1209.6	1380.2	1547.1
57.5°	0.0	110.8	228.2	387.0	553.0	739.6	929.9	1126.8	1317.0	1499.4	1699.5
55°	0.0	118.3	249.7	419.3	604.1	803.5	1012.0	1222.5	1420.5	1621.5	1857.8
52.5°	0.0	125.6	270.6	450.6	653.7	866.2	1091.7	1311.1	1521.1	1760.2	2011.9
50°	0.0	132.6	290.8	481.0	701.7	930.5	1168.9	1396.4	1625.1	1894.8	2172.2
47.5°	0.0	139.4	310.3	511.5	747.9	992.5	1242.8	1478.8	1740.7	2025.0	2328.7
45°	0.0	145.9	329.0	544.9	792.4	1052.2	1310.7	1558.2	1852.0	2160.3	2479.7
42.5°	0.0	152.1	346.9	576.8	835.1	1109.4	1375.8	1644.2	1958.8	2290.5	2651.2
40°	0.0	158.0	364.0	607.2	877.2	1163.9	1438.0	1733.3	2063.6	2415.2	2819.8
37.5°	0.0	163.6	380.3	636.2	918.6	1215.8	1497.1	1818.1	2168.7	2540.9	2980.5
35°	0.0	169.0	395.6	663.5	957.7	1263.1	1553.0	1898.3	2268.2	2677.3	3148.8
32.5°	0.0	174.0	410.0	689.2	994.5	1306.8	1609.1	1973.9	2362.0	2806.0	3331.8
30°	0.0	178.6	423.5	713.2	1028.9	1347.6	1669.3	2045.9	2449.7	2926.5	3503.3
27.5°	0.0	183.0	436.0	735.4	1060.8	1385.5	1725.3	2116.8	2537.7	3038.6	3663.0
25°	0.0	187.0	447.4	755.9	1090.1	1420.4	1776.8	2182.1	2628.9	3160.3	3812.2
22.5°	0.0	190.6	457.9	774.6	1116.8	1452.2	1823.8	2241.7	2712.1	3280.3	3987.7
20°	0.0	193.9	467.3	791.3	1140.9	1480.8	1866.1	2295.4	2787.1	3388.6	4146.2
17.5°	0.0	196.7	475.7	806.2	1162.3	1506.2	1903.7	2343.1	2853.8	3484.9	4287.2
15°	0.0	199.3	482.9	819.2	1180.9	1528.3	1936.4	2384.6	2911.9	3568.9	4410.2
12.5°	0.0	201.4	489.1	830.2	1196.7	1547.1	1964.2	2420.0	2961.3	3640.4	4515.0
10°	0.0	203.2	494.2	839.3	1209.6	1562.5	1987.1	2449.0	3002.0	3699.1	4601.1
7.5°	0.0	204.5	498.1	846.3	1219.8	1574.6	2004.9	2471.7	3033.7	3745.0	4668.4
5°	0.0	205.5	500.9	851.4	1227.0	1583.2	2017.7	2487.9	3056.4	3777.9	4716.6
2.5°	0.0	206.1	502.6	854.4	1231.3	1588.4	2025.3	2497.6	3070.0	3797.6	4745.6
0°	0.0	206.3	503.2	855.4	1232.8	1590.1	2027.9	2500.9	3074.6	3804.2	4755.3
-2.5°	0.0	206.1	502.6	854.4	1231.3	1588.4	2025.3	2497.6	3070.0	3797.6	4745.6
-5°	0.0	205.5	500.9	851.4	1227.0	1583.2	2017.7	2487.9	3056.4	3777.9	4716.6
-7.5°	0.0	204.5	498.1	846.3	1219.8	1574.6	2004.9	2471.7	3033.7	3745.0	4668.4
-10°	0.0	203.2	494.2	839.3	1209.6	1562.5	1987.1	2449.0	3002.0	3699.1	4601.1
-12.5°	0.0	201.4	489.1	830.2	1196.7	1547.1	1964.2	2420.0	2961.3	3640.4	4515.0
-15°	0.0	199.3	482.9	819.2	1180.9	1528.3	1936.4	2384.6	2911.9	3568.9	4410.2



REPORT NUMBER: P687829 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-4000K-LAM

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	190.6	457.9	774.6	1116.8	1452.2	1823.8	2241.7	2712.1	3280.3	3987.7
-25°	0.0	187.0	447.4	755.9	1090.1	1420.4	1776.8	2182.1	2628.9	3160.3	3812.2
-27.5°	0.0	183.0	436.0	735.4	1060.8	1385.5	1725.3	2116.8	2537.7	3038.6	3663.0
-30°	0.0	178.6	423.5	713.2	1028.9	1347.6	1669.3	2045.9	2449.7	2926.5	3503.3
-32.5°	0.0	174.0	410.0	689.2	994.5	1306.8	1609.1	1973.9	2362.0	2806.0	3331.8
-35°	0.0	169.0	395.6	663.5	957.7	1263.1	1553.0	1898.3	2268.2	2677.3	3148.8
-37.5°	0.0	163.6	380.3	636.2	918.6	1215.8	1497.1	1818.1	2168.7	2540.9	2980.5
-40°	0.0	158.0	364.0	607.2	877.2	1163.9	1438.0	1733.3	2063.6	2415.2	2819.8
-42.5°	0.0	152.1	346.9	576.8	835.1	1109.4	1375.8	1644.2	1958.8	2290.5	2651.2
-45°	0.0	145.9	329.0	544.9	792.4	1052.2	1310.7	1558.2	1852.0	2160.3	2479.7
-47.5°	0.0	139.4	310.3	511.5	747.9	992.5	1242.8	1478.8	1740.7	2025.0	2328.7
-50°	0.0	132.6	290.8	481.0	701.7	930.5	1168.9	1396.4	1625.1	1894.8	2172.2
-52.5°	0.0	125.6	270.6	450.6	653.7	866.2	1091.7	1311.1	1521.1	1760.2	2011.9
-55°	0.0	118.3	249.7	419.3	604.1	803.5	1012.0	1222.5	1420.5	1621.5	1857.8
-57.5°	0.0	110.8	228.2	387.0	553.0	739.6	929.9	1126.8	1317.0	1499.4	1699.5
-60°	0.0	103.1	206.1	353.8	500.9	674.0	846.3	1028.6	1209.6	1380.2	1547.1
-62.5°	0.0	95.2	190.3	319.8	455.6	606.9	765.8	928.1	1094.9	1258.2	1411.9
-65°	0.0	87.2	174.2	284.9	409.2	538.2	683.5	827.4	977.8	1128.2	1274.0
-67.5°	0.0	78.9	157.7	249.4	361.9	473.6	599.6	729.7	858.5	994.4	1128.2
-70°	0.0	70.5	141.0	213.3	313.8	413.6	514.3	630.4	745.2	858.5	977.8
-72.5°	0.0	62.0	123.9	185.6	264.9	352.6	439.5	529.7	630.4	729.7	827.4
-75°	0.0	53.4	106.7	159.8	215.3	290.8	365.6	439.5	514.3	599.6	683.5
-77.5°	0.0	44.6	89.2	133.6	177.7	228.3	290.8	352.6	413.6	473.6	538.2
-80°	0.0	35.8	71.6	107.2	142.6	177.7	215.3	264.9	313.8	361.9	409.2
-82.5°	0.0	26.9	53.8	80.6	107.2	133.6	159.8	185.6	213.3	249.4	284.9
-85°	0.0	18.0	35.9	53.8	71.6	89.2	106.7	123.9	141.0	157.7	174.2
-87.5°	0.0	9.0	18.0	26.9	35.8	44.6	53.4	62.0	70.5	78.9	87.2
-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: P687829 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-4000K-LAM

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°	95.2	103.1	110.8	118.3	125.6	132.6	139.4	145.9	152.1	158.0	163.6
85°	190.3	206.1	228.2	249.7	270.6	290.8	310.3	329.0	346.9	364.0	380.3
82.5°	319.8	353.8	387.0	419.3	450.6	481.0	511.5	544.9	576.8	607.2	636.2
80°	455.6	500.9	553.0	604.1	653.7	701.7	747.9	792.4	835.1	877.2	918.6
77.5°	606.9	674.0	739.6	803.5	866.2	930.5	992.5	1052.2	1109.4	1163.9	1215.8
75°	765.8	846.3	929.9	1012.0	1091.7	1168.9	1242.8	1310.7	1375.8	1438.0	1497.1
72.5°	928.1	1028.6	1126.8	1222.5	1311.1	1396.4	1478.8	1558.2	1644.2	1733.3	1818.1
70°	1094.9	1209.6	1317.0	1420.5	1521.1	1625.1	1740.7	1852.0	1958.8	2063.6	2168.7
67.5°	1258.2	1380.2	1499.4	1621.5	1760.2	1894.8	2025.0	2160.3	2290.5	2415.2	2540.9
65°	1411.9	1547.1	1699.5	1857.8	2011.9	2172.2	2328.7	2479.7	2651.2	2819.8	2980.5
62.5°	1563.0	1738.7	1916.7	2095.6	2278.7	2456.6	2656.2	2858.2	3052.5	3283.3	3509.3
60°	1738.7	1936.4	2138.4	2343.1	2551.6	2787.1	3015.5	3280.3	3550.8	3812.2	4135.4
57.5°	1916.7	2138.4	2364.6	2604.1	2866.3	3134.2	3449.4	3754.4	4122.6	4490.9	4862.7
55°	2095.6	2343.1	2604.1	2892.7	3202.0	3551.7	3918.0	4347.3	4763.1	5250.3	5716.9
52.5°	2278.7	2551.6	2866.3	3202.0	3585.9	4008.0	4483.2	4986.3	5531.0	6064.1	6597.8
50°	2456.6	2787.1	3134.2	3551.7	4008.0	4528.7	5098.6	5701.0	6306.6	6903.3	7467.2
47.5°	2656.2	3015.5	3449.4	3918.0	4483.2	5098.6	5758.0	6428.7	7088.5	7709.5	8305.2
45°	2858.2	3280.3	3754.4	4347.3	4986.3	5701.0	6428.7	7150.5	7831.6	8476.4	9047.6
42.5°	3052.5	3550.8	4122.6	4763.1	5531.0	6306.6	7088.5	7831.6	8532.3	9161.2	9731.6
40°	3283.3	3812.2	4490.9	5250.3	6064.1	6903.3	7709.5	8476.4	9161.2	9783.3	10357.9
37.5°	3509.3	4135.4	4862.7	5716.9	6597.8	7467.2	8305.2	9047.6	9731.6	10357.9	10910.7
35°	3723.9	4442.7	5272.4	6176.3	7107.1	7999.4	8822.5	9577.3	10252.6	10861.9	11425.9
32.5°	3963.7	4733.1	5660.2	6623.1	7577.9	8489.5	9311.0	10044.0	10716.4	11334.9	11892.1
30°	4211.7	5061.7	6031.4	7044.0	8020.8	8919.2	9735.8	10477.1	11145.2	11753.0	12294.0
27.5°	4442.7	5372.7	6392.6	7429.2	8426.6	9322.2	10123.4	10854.3	11524.3	12133.6	12652.0
25°	4656.0	5660.2	6726.9	7783.5	8772.6	9667.6	10475.1	11206.4	11869.9	12448.0	12957.3
22.5°	4872.5	5923.8	7033.2	8108.5	9090.5	9975.2	10776.4	11507.7	12168.8	12738.1	13233.2
20°	5087.9	6176.3	7305.9	8397.5	9379.0	10254.8	11050.7	11778.5	12416.7	12973.4	13465.5
17.5°	5279.8	6401.2	7546.2	8633.9	9614.1	10493.9	11293.1	12021.8	12639.8	13185.8	13665.7
15°	5447.3	6597.8	7756.3	8840.9	9815.8	10692.8	11490.6	12208.0	12823.5	13366.8	13842.4
12.5°	5590.0	6765.3	7935.6	9017.7	9988.2	10863.0	11659.7	12363.9	12972.6	13508.0	13970.3
10°	5707.4	6903.3	8083.3	9163.4	10130.5	11003.6	11799.6	12493.0	13096.2	13625.3	14076.9
7.5°	5799.2	7011.1	8198.8	9277.5	10241.9	11113.8	11909.4	12594.3	13193.4	13717.7	14161.0
5°	5865.0	7088.5	8281.6	9359.3	10321.9	11193.0	11988.3	12667.3	13263.4	13784.4	14221.8
2.5°	5904.5	7135.0	8331.5	9408.6	10370.0	11240.7	12035.8	12711.3	13305.7	13824.6	14258.5
0°	5917.7	7150.5	8348.1	9425.0	10386.1	11256.6	12051.7	12726.0	13319.8	13838.1	14270.8
-2.5°	5904.5	7135.0	8331.5	9408.6	10370.0	11240.7	12035.8	12711.3	13305.7	13824.6	14258.5
-5°	5865.0	7088.5	8281.6	9359.3	10321.9	11193.0	11988.3	12667.3	13263.4	13784.4	14221.8
-7.5°	5799.2	7011.1	8198.8	9277.5	10241.9	11113.8	11909.4	12594.3	13193.4	13717.7	14161.0
-10°	5707.4	6903.3	8083.3	9163.4	10130.5	11003.6	11799.6	12493.0	13096.2	13625.3	14076.9
-12.5°	5590.0	6765.3	7935.6	9017.7	9988.2	10863.0	11659.7	12363.9	12972.6	13508.0	13970.3
-15°	5447.3	6597.8	7756.3	8840.9	9815.8	10692.8	11490.6	12208.0	12823.5	13366.8	13842.4



REPORT NUMBER: P687829 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-4000K-LAM

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	4872.5	5923.8	7033.2	8108.5	9090.5	9975.2	10776.4	11507.7	12168.8	12738.1	13233.2
-25°	4656.0	5660.2	6726.9	7783.5	8772.6	9667.6	10475.1	11206.4	11869.9	12448.0	12957.3
-27.5°	4442.7	5372.7	6392.6	7429.2	8426.6	9322.2	10123.4	10854.3	11524.3	12133.6	12652.0
-30°	4211.7	5061.7	6031.4	7044.0	8020.8	8919.2	9735.8	10477.1	11145.2	11753.0	12294.0
-32.5°	3963.7	4733.1	5660.2	6623.1	7577.9	8489.5	9311.0	10044.0	10716.4	11334.9	11892.1
-35°	3723.9	4442.7	5272.4	6176.3	7107.1	7999.4	8822.5	9577.3	10252.6	10861.9	11425.9
-37.5°	3509.3	4135.4	4862.7	5716.9	6597.8	7467.2	8305.2	9047.6	9731.6	10357.9	10910.7
-40°	3283.3	3812.2	4490.9	5250.3	6064.1	6903.3	7709.5	8476.4	9161.2	9783.3	10357.9
-42.5°	3052.5	3550.8	4122.6	4763.1	5531.0	6306.6	7088.5	7831.6	8532.3	9161.2	9731.6
-45°	2858.2	3280.3	3754.4	4347.3	4986.3	5701.0	6428.7	7150.5	7831.6	8476.4	9047.6
-47.5°	2656.2	3015.5	3449.4	3918.0	4483.2	5098.6	5758.0	6428.7	7088.5	7709.5	8305.2
-50°	2456.6	2787.1	3134.2	3551.7	4008.0	4528.7	5098.6	5701.0	6306.6	6903.3	7467.2
-52.5°	2278.7	2551.6	2866.3	3202.0	3585.9	4008.0	4483.2	4986.3	5531.0	6064.1	6597.8
-55°	2095.6	2343.1	2604.1	2892.7	3202.0	3551.7	3918.0	4347.3	4763.1	5250.3	5716.9
-57.5°	1916.7	2138.4	2364.6	2604.1	2866.3	3134.2	3449.4	3754.4	4122.6	4490.9	4862.7
-60°	1738.7	1936.4	2138.4	2343.1	2551.6	2787.1	3015.5	3280.3	3550.8	3812.2	4135.4
-62.5°	1563.0	1738.7	1916.7	2095.6	2278.7	2456.6	2656.2	2858.2	3052.5	3283.3	3509.3
-65°	1411.9	1547.1	1699.5	1857.8	2011.9	2172.2	2328.7	2479.7	2651.2	2819.8	2980.5
-67.5°	1258.2	1380.2	1499.4	1621.5	1760.2	1894.8	2025.0	2160.3	2290.5	2415.2	2540.9
-70°	1094.9	1209.6	1317.0	1420.5	1521.1	1625.1	1740.7	1852.0	1958.8	2063.6	2168.7
-72.5°	928.1	1028.6	1126.8	1222.5	1311.1	1396.4	1478.8	1558.2	1644.2	1733.3	1818.1
-75°	765.8	846.3	929.9	1012.0	1091.7	1168.9	1242.8	1310.7	1375.8	1438.0	1497.1
-77.5°	606.9	674.0	739.6	803.5	866.2	930.5	992.5	1052.2	1109.4	1163.9	1215.8
-80°	455.6	500.9	553.0	604.1	653.7	701.7	747.9	792.4	835.1	877.2	918.6
-82.5°	319.8	353.8	387.0	419.3	450.6	481.0	511.5	544.9	576.8	607.2	636.2
-85°	190.3	206.1	228.2	249.7	270.6	290.8	310.3	329.0	346.9	364.0	380.3
-87.5°	95.2	103.1	110.8	118.3	125.6	132.6	139.4	145.9	152.1	158.0	163.6
-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: P687829 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-4000K-LAM

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°	169.0	174.0	178.6	183.0	187.0	190.6	193.9	196.7	199.3	201.4	203.2
85°	395.6	410.0	423.5	436.0	447.4	457.9	467.3	475.7	482.9	489.1	494.2
82.5°	663.5	689.2	713.2	735.4	755.9	774.6	791.3	806.2	819.2	830.2	839.3
80°	957.7	994.5	1028.9	1060.8	1090.1	1116.8	1140.9	1162.3	1180.9	1196.7	1209.6
77.5°	1263.1	1306.8	1347.6	1385.5	1420.4	1452.2	1480.8	1506.2	1528.3	1547.1	1562.5
75°	1553.0	1609.1	1669.3	1725.3	1776.8	1823.8	1866.1	1903.7	1936.4	1964.2	1987.1
72.5°	1898.3	1973.9	2045.9	2116.8	2182.1	2241.7	2295.4	2343.1	2384.6	2420.0	2449.0
70°	2268.2	2362.0	2449.7	2537.7	2628.9	2712.1	2787.1	2853.8	2911.9	2961.3	3002.0
67.5°	2677.3	2806.0	2926.5	3038.6	3160.3	3280.3	3388.6	3484.9	3568.9	3640.4	3699.1
65°	3148.8	3331.8	3503.3	3663.0	3812.2	3987.7	4146.2	4287.2	4410.2	4515.0	4601.1
62.5°	3723.9	3963.7	4211.7	4442.7	4656.0	4872.5	5087.9	5279.8	5447.3	5590.0	5707.4
60°	4442.7	4733.1	5061.7	5372.7	5660.2	5923.8	6176.3	6401.2	6597.8	6765.3	6903.3
57.5°	5272.4	5660.2	6031.4	6392.6	6726.9	7033.2	7305.9	7546.2	7756.3	7935.6	8083.3
55°	6176.3	6623.1	7044.0	7429.2	7783.5	8108.5	8397.5	8633.9	8840.9	9017.7	9163.4
52.5°	7107.1	7577.9	8020.8	8426.6	8772.6	9090.5	9379.0	9614.1	9815.8	9988.2	10130.5
50°	7999.4	8489.5	8919.2	9322.2	9667.6	9975.2	10254.8	10493.9	10692.8	10863.0	11003.6
47.5°	8822.5	9311.0	9735.8	10123.4	10475.1	10776.4	11050.7	11293.1	11490.6	11659.7	11799.6
45°	9577.3	10044.0	10477.1	10854.3	11206.4	11507.7	11778.5	12021.8	12208.0	12363.9	12493.0
42.5°	10252.6	10716.4	11145.2	11524.3	11869.9	12168.8	12416.7	12639.8	12823.5	12972.6	13096.2
40°	10861.9	11334.9	11753.0	12133.6	12448.0	12738.1	12973.4	13185.8	13366.8	13508.0	13625.3
37.5°	11425.9	11892.1	12294.0	12652.0	12957.3	13233.2	13465.5	13665.7	13842.4	13970.3	14076.9
35°	11938.8	12375.0	12770.3	13106.5	13410.3	13668.7	13895.5	14075.9	14236.5	14363.3	14465.9
32.5°	12375.0	12807.1	13182.0	13511.7	13807.2	14043.5	14257.4	14431.2	14584.9	14704.8	14793.2
30°	12770.3	13182.0	13545.9	13871.0	14134.1	14368.7	14572.0	14735.9	14867.5	14976.5	15052.2
27.5°	13106.5	13511.7	13871.0	14164.6	14424.5	14657.4	14829.8	14981.2	15093.1	15191.3	15256.7
25°	13410.3	13807.2	14134.1	14424.5	14680.4	14877.7	15039.6	15173.7	15273.3	15357.8	15407.2
22.5°	13668.7	14043.5	14368.7	14657.4	14877.7	15059.3	15210.0	15324.1	15406.5	15459.0	15490.3
20°	13895.5	14257.4	14572.0	14829.8	15039.6	15210.0	15341.3	15427.0	15486.1	15505.4	15516.5
17.5°	14075.9	14431.2	14735.9	14981.2	15173.7	15324.1	15427.0	15489.8	15513.2	15507.6	15494.4
15°	14236.5	14584.9	14867.5	15093.1	15273.3	15406.5	15486.1	15513.2	15504.6	15475.4	15428.0
12.5°	14363.3	14704.8	14976.5	15191.3	15357.8	15459.0	15505.4	15507.6	15475.4	15416.5	15357.2
10°	14465.9	14793.2	15052.2	15256.7	15407.2	15490.3	15516.5	15494.4	15428.0	15357.2	15299.1
7.5°	14547.1	14863.2	15112.4	15308.8	15439.9	15502.5	15506.8	15461.2	15385.3	15310.6	15256.5
5°	14605.8	14914.1	15156.2	15346.9	15463.9	15511.4	15499.6	15435.0	15351.2	15281.9	15219.6
2.5°	14641.4	14944.9	15182.8	15370.1	15478.6	15516.9	15495.1	15418.6	15329.8	15263.5	15195.3
0°	14653.3	14955.2	15191.7	15377.9	15483.5	15518.8	15493.6	15413.1	15322.5	15257.1	15186.7
-2.5°	14641.4	14944.9	15182.8	15370.1	15478.6	15516.9	15495.1	15418.6	15329.8	15263.5	15195.3
-5°	14605.8	14914.1	15156.2	15346.9	15463.9	15511.4	15499.6	15435.0	15351.2	15281.9	15219.6
-7.5°	14547.1	14863.2	15112.4	15308.8	15439.9	15502.5	15506.8	15461.2	15385.3	15310.6	15256.5
-10°	14465.9	14793.2	15052.2	15256.7	15407.2	15490.3	15516.5	15494.4	15428.0	15357.2	15299.1
-12.5°	14363.3	14704.8	14976.5	15191.3	15357.8	15459.0	15505.4	15507.6	15475.4	15416.5	15357.2
-15°	14236.5	14584.9	14867.5	15093.1	15273.3	15406.5	15486.1	15513.2	15504.6	15475.4	15428.0



REPORT NUMBER: P687829 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-4000K-LAM

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	13668.7	14043.5	14368.7	14657.4	14877.7	15059.3	15210.0	15324.1	15406.5	15459.0	15490.3
-25°	13410.3	13807.2	14134.1	14424.5	14680.4	14877.7	15039.6	15173.7	15273.3	15357.8	15407.2
-27.5°	13106.5	13511.7	13871.0	14164.6	14424.5	14657.4	14829.8	14981.2	15093.1	15191.3	15256.7
-30°	12770.3	13182.0	13545.9	13871.0	14134.1	14368.7	14572.0	14735.9	14867.5	14976.5	15052.2
-32.5°	12375.0	12807.1	13182.0	13511.7	13807.2	14043.5	14257.4	14431.2	14584.9	14704.8	14793.2
-35°	11938.8	12375.0	12770.3	13106.5	13410.3	13668.7	13895.5	14075.9	14236.5	14363.3	14465.9
-37.5°	11425.9	11892.1	12294.0	12652.0	12957.3	13233.2	13465.5	13665.7	13842.4	13970.3	14076.9
-40°	10861.9	11334.9	11753.0	12133.6	12448.0	12738.1	12973.4	13185.8	13366.8	13508.0	13625.3
-42.5°	10252.6	10716.4	11145.2	11524.3	11869.9	12168.8	12416.7	12639.8	12823.5	12972.6	13096.2
-45°	9577.3	10044.0	10477.1	10854.3	11206.4	11507.7	11778.5	12021.8	12208.0	12363.9	12493.0
-47.5°	8822.5	9311.0	9735.8	10123.4	10475.1	10776.4	11050.7	11293.1	11490.6	11659.7	11799.6
-50°	7999.4	8489.5	8919.2	9322.2	9667.6	9975.2	10254.8	10493.9	10692.8	10863.0	11003.6
-52.5°	7107.1	7577.9	8020.8	8426.6	8772.6	9090.5	9379.0	9614.1	9815.8	9988.2	10130.5
-55°	6176.3	6623.1	7044.0	7429.2	7783.5	8108.5	8397.5	8633.9	8840.9	9017.7	9163.4
-57.5°	5272.4	5660.2	6031.4	6392.6	6726.9	7033.2	7305.9	7546.2	7756.3	7935.6	8083.3
-60°	4442.7	4733.1	5061.7	5372.7	5660.2	5923.8	6176.3	6401.2	6597.8	6765.3	6903.3
-62.5°	3723.9	3963.7	4211.7	4442.7	4656.0	4872.5	5087.9	5279.8	5447.3	5590.0	5707.4
-65°	3148.8	3331.8	3503.3	3663.0	3812.2	3987.7	4146.2	4287.2	4410.2	4515.0	4601.1
-67.5°	2677.3	2806.0	2926.5	3038.6	3160.3	3280.3	3388.6	3484.9	3568.9	3640.4	3699.1
-70°	2268.2	2362.0	2449.7	2537.7	2628.9	2712.1	2787.1	2853.8	2911.9	2961.3	3002.0
-72.5°	1898.3	1973.9	2045.9	2116.8	2182.1	2241.7	2295.4	2343.1	2384.6	2420.0	2449.0
-75°	1553.0	1609.1	1669.3	1725.3	1776.8	1823.8	1866.1	1903.7	1936.4	1964.2	1987.1
-77.5°	1263.1	1306.8	1347.6	1385.5	1420.4	1452.2	1480.8	1506.2	1528.3	1547.1	1562.5
-80°	957.7	994.5	1028.9	1060.8	1090.1	1116.8	1140.9	1162.3	1180.9	1196.7	1209.6
-82.5°	663.5	689.2	713.2	735.4	755.9	774.6	791.3	806.2	819.2	830.2	839.3
-85°	395.6	410.0	423.5	436.0	447.4	457.9	467.3	475.7	482.9	489.1	494.2
-87.5°	169.0	174.0	178.6	183.0	187.0	190.6	193.9	196.7	199.3	201.4	203.2
-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: P687829 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-VN-06-E-PRO-4000K-LAM

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°	204.5	205.5	206.1	206.3	206.1	205.5	204.5	203.2	201.4	199.3	196.7
85°	498.1	500.9	502.6	503.2	502.6	500.9	498.1	494.2	489.1	482.9	475.7
82.5°	846.3	851.4	854.4	855.4	854.4	851.4	846.3	839.3	830.2	819.2	806.2
80°	1219.8	1227.0	1231.3	1232.8	1231.3	1227.0	1219.8	1209.6	1196.7	1180.9	1162.3
77.5°	1574.6	1583.2	1588.4	1590.1	1588.4	1583.2	1574.6	1562.5	1547.1	1528.3	1506.2
75°	2004.9	2017.7	2025.3	2027.9	2025.3	2017.7	2004.9	1987.1	1964.2	1936.4	1903.7
72.5°	2471.7	2487.9	2497.6	2500.9	2497.6	2487.9	2471.7	2449.0	2420.0	2384.6	2343.1
70°	3033.7	3056.4	3070.0	3074.6	3070.0	3056.4	3033.7	3002.0	2961.3	2911.9	2853.8
67.5°	3745.0	3777.9	3797.6	3804.2	3797.6	3777.9	3745.0	3699.1	3640.4	3568.9	3484.9
65°	4668.4	4716.6	4745.6	4755.3	4745.6	4716.6	4668.4	4601.1	4515.0	4410.2	4287.2
62.5°	5799.2	5865.0	5904.5	5917.7	5904.5	5865.0	5799.2	5707.4	5590.0	5447.3	5279.8
60°	7011.1	7088.5	7135.0	7150.5	7135.0	7088.5	7011.1	6903.3	6765.3	6597.8	6401.2
57.5°	8198.8	8281.6	8331.5	8348.1	8331.5	8281.6	8198.8	8083.3	7935.6	7756.3	7546.2
55°	9277.5	9359.3	9408.6	9425.0	9408.6	9359.3	9277.5	9163.4	9017.7	8840.9	8633.9
52.5°	10241.9	10321.9	10370.0	10386.1	10370.0	10321.9	10241.9	10130.5	9988.2	9815.8	9614.1
50°	11113.8	11193.0	11240.7	11256.6	11240.7	11193.0	11113.8	11003.6	10863.0	10692.8	10493.9
47.5°	11909.4	11988.3	12035.8	12051.7	12035.8	11988.3	11909.4	11799.6	11659.7	11490.6	11293.1
45°	12594.3	12667.3	12711.3	12726.0	12711.3	12667.3	12594.3	12493.0	12363.9	12208.0	12021.8
42.5°	13193.4	13263.4	13305.7	13319.8	13305.7	13263.4	13193.4	13096.2	12972.6	12823.5	12639.8
40°	13717.7	13784.4	13824.6	13838.1	13824.6	13784.4	13717.7	13625.3	13508.0	13366.8	13185.8
37.5°	14161.0	14221.8	14258.5	14270.8	14258.5	14221.8	14161.0	14076.9	13970.3	13842.4	13665.7
35°	14547.1	14605.8	14641.4	14653.3	14641.4	14605.8	14547.1	14465.9	14363.3	14236.5	14075.9
32.5°	14863.2	14914.1	14944.9	14955.2	14944.9	14914.1	14863.2	14793.2	14704.8	14584.9	14431.2
30°	15112.4	15156.2	15182.8	15191.7	15182.8	15156.2	15112.4	15052.2	14976.5	14867.5	14735.9
27.5°	15308.8	15346.9	15370.1	15377.9	15370.1	15346.9	15308.8	15256.7	15191.3	15093.1	14981.2
25°	15439.9	15463.9	15478.6	15483.5	15478.6	15463.9	15439.9	15407.2	15357.8	15273.3	15173.7
22.5°	15502.5	15511.4	15516.9	15518.8	15516.9	15511.4	15502.5	15490.3	15459.0	15406.5	15324.1
20°	15506.8	15499.6	15495.1	15493.6	15495.1	15499.6	15506.8	15516.5	15505.4	15486.1	15427.0
17.5°	15461.2	15435.0	15418.6	15413.1	15418.6	15435.0	15461.2	15494.4	15507.6	15513.2	15489.8
15°	15385.3	15351.2	15329.8	15322.5	15329.8	15351.2	15385.3	15428.0	15475.4	15504.6	15513.2
12.5°	15310.6	15281.9	15263.5	15257.1	15263.5	15281.9	15310.6	15357.2	15416.5	15475.4	15507.6
10°	15256.5	15219.6	15195.3	15186.7	15195.3	15219.6	15256.5	15299.1	15357.2	15428.0	15494.4
7.5°	15203.4	15164.7	15140.2	15131.3	15140.2	15164.7	15203.4	15256.5	15310.6	15385.3	15461.2
5°	15164.7	15125.2	15104.4	15096.1	15104.4	15125.2	15164.7	15219.6	15281.9	15351.2	15435.0
2.5°	15140.2	15104.4	15087.3	15081.0	15087.3	15104.4	15140.2	15195.3	15263.5	15329.8	15418.6
0°	15131.3	15096.1	15081.0	15070.9	15081.0	15096.1	15131.3	15186.7	15257.1	15322.5	15413.1
-2.5°	15140.2	15104.4	15087.3	15081.0	15087.3	15104.4	15140.2	15195.3	15263.5	15329.8	15418.6
-5°	15164.7	15125.2	15104.4	15096.1	15104.4	15125.2	15164.7	15219.6	15281.9	15351.2	15435.0
-7.5°	15203.4	15164.7	15140.2	15131.3	15140.2	15164.7	15203.4	15256.5	15310.6	15385.3	15461.2
-10°	15256.5	15219.6	15195.3	15186.7	15195.3	15219.6	15256.5	15299.1	15357.2	15428.0	15494.4
-12.5°	15310.6	15281.9	15263.5	15257.1	15263.5	15281.9	15310.6	15357.2	15416.5	15475.4	15507.6
-15°	15385.3	15351.2	15329.8	15322.5	15329.8	15351.2	15385.3	15428.0	15475.4	15504.6	15513.2



REPORT NUMBER: P687829 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-4000K-LAM

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	15502.5	15511.4	15516.9	15518.8	15516.9	15511.4	15502.5	15490.3	15459.0	15406.5	15324.1
-25°	15439.9	15463.9	15478.6	15483.5	15478.6	15463.9	15439.9	15407.2	15357.8	15273.3	15173.7
-27.5°	15308.8	15346.9	15370.1	15377.9	15370.1	15346.9	15308.8	15256.7	15191.3	15093.1	14981.2
-30°	15112.4	15156.2	15182.8	15191.7	15182.8	15156.2	15112.4	15052.2	14976.5	14867.5	14735.9
-32.5°	14863.2	14914.1	14944.9	14955.2	14944.9	14914.1	14863.2	14793.2	14704.8	14584.9	14431.2
-35°	14547.1	14605.8	14641.4	14653.3	14641.4	14605.8	14547.1	14465.9	14363.3	14236.5	14075.9
-37.5°	14161.0	14221.8	14258.5	14270.8	14258.5	14221.8	14161.0	14076.9	13970.3	13842.4	13665.7
-40°	13717.7	13784.4	13824.6	13838.1	13824.6	13784.4	13717.7	13625.3	13508.0	13366.8	13185.8
-42.5°	13193.4	13263.4	13305.7	13319.8	13305.7	13263.4	13193.4	13096.2	12972.6	12823.5	12639.8
-45°	12594.3	12667.3	12711.3	12726.0	12711.3	12667.3	12594.3	12493.0	12363.9	12208.0	12021.8
-47.5°	11909.4	11988.3	12035.8	12051.7	12035.8	11988.3	11909.4	11799.6	11659.7	11490.6	11293.1
-50°	11113.8	11193.0	11240.7	11256.6	11240.7	11193.0	11113.8	11003.6	10863.0	10692.8	10493.9
-52.5°	10241.9	10321.9	10370.0	10386.1	10370.0	10321.9	10241.9	10130.5	9988.2	9815.8	9614.1
-55°	9277.5	9359.3	9408.6	9425.0	9408.6	9359.3	9277.5	9163.4	9017.7	8840.9	8633.9
-57.5°	8198.8	8281.6	8331.5	8348.1	8331.5	8281.6	8198.8	8083.3	7935.6	7756.3	7546.2
-60°	7011.1	7088.5	7135.0	7150.5	7135.0	7088.5	7011.1	6903.3	6765.3	6597.8	6401.2
-62.5°	5799.2	5865.0	5904.5	5917.7	5904.5	5865.0	5799.2	5707.4	5590.0	5447.3	5279.8
-65°	4668.4	4716.6	4745.6	4755.3	4745.6	4716.6	4668.4	4601.1	4515.0	4410.2	4287.2
-67.5°	3745.0	3777.9	3797.6	3804.2	3797.6	3777.9	3745.0	3699.1	3640.4	3568.9	3484.9
-70°	3033.7	3056.4	3070.0	3074.6	3070.0	3056.4	3033.7	3002.0	2961.3	2911.9	2853.8
-72.5°	2471.7	2487.9	2497.6	2500.9	2497.6	2487.9	2471.7	2449.0	2420.0	2384.6	2343.1
-75°	2004.9	2017.7	2025.3	2027.9	2025.3	2017.7	2004.9	1987.1	1964.2	1936.4	1903.7
-77.5°	1574.6	1583.2	1588.4	1590.1	1588.4	1583.2	1574.6	1562.5	1547.1	1528.3	1506.2
-80°	1219.8	1227.0	1231.3	1232.8	1231.3	1227.0	1219.8	1209.6	1196.7	1180.9	1162.3
-82.5°	846.3	851.4	854.4	855.4	854.4	851.4	846.3	839.3	830.2	819.2	806.2
-85°	498.1	500.9	502.6	503.2	502.6	500.9	498.1	494.2	489.1	482.9	475.7
-87.5°	204.5	205.5	206.1	206.3	206.1	205.5	204.5	203.2	201.4	199.3	196.7
-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: P687829 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-VN-06-E-PRO-4000K-LAM

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°	193.9	190.6	187.0	183.0	178.6	174.0	169.0	163.6	158.0	152.1	145.9
85°	467.3	457.9	447.4	436.0	423.5	410.0	395.6	380.3	364.0	346.9	329.0
82.5°	791.3	774.6	755.9	735.4	713.2	689.2	663.5	636.2	607.2	576.8	544.9
80°	1140.9	1116.8	1090.1	1060.8	1028.9	994.5	957.7	918.6	877.2	835.1	792.4
77.5°	1480.8	1452.2	1420.4	1385.5	1347.6	1306.8	1263.1	1215.8	1163.9	1109.4	1052.2
75°	1866.1	1823.8	1776.8	1725.3	1669.3	1609.1	1553.0	1497.1	1438.0	1375.8	1310.7
72.5°	2295.4	2241.7	2182.1	2116.8	2045.9	1973.9	1898.3	1818.1	1733.3	1644.2	1558.2
70°	2787.1	2712.1	2628.9	2537.7	2449.7	2362.0	2268.2	2168.7	2063.6	1958.8	1852.0
67.5°	3388.6	3280.3	3160.3	3038.6	2926.5	2806.0	2677.3	2540.9	2415.2	2290.5	2160.3
65°	4146.2	3987.7	3812.2	3663.0	3503.3	3331.8	3148.8	2980.5	2819.8	2651.2	2479.7
62.5°	5087.9	4872.5	4656.0	4442.7	4211.7	3963.7	3723.9	3509.3	3283.3	3052.5	2858.2
60°	6176.3	5923.8	5660.2	5372.7	5061.7	4733.1	4442.7	4135.4	3812.2	3550.8	3280.3
57.5°	7305.9	7033.2	6726.9	6392.6	6031.4	5660.2	5272.4	4862.7	4490.9	4122.6	3754.4
55°	8397.5	8108.5	7783.5	7429.2	7044.0	6623.1	6176.3	5716.9	5250.3	4763.1	4347.3
52.5°	9379.0	9090.5	8772.6	8426.6	8020.8	7577.9	7107.1	6597.8	6064.1	5531.0	4986.3
50°	10254.8	9975.2	9667.6	9322.2	8919.2	8489.5	7999.4	7467.2	6903.3	6306.6	5701.0
47.5°	11050.7	10776.4	10475.1	10123.4	9735.8	9311.0	8822.5	8305.2	7709.5	7088.5	6428.7
45°	11778.5	11507.7	11206.4	10854.3	10477.1	10044.0	9577.3	9047.6	8476.4	7831.6	7150.5
42.5°	12416.7	12168.8	11869.9	11524.3	11145.2	10716.4	10252.6	9731.6	9161.2	8532.3	7831.6
40°	12973.4	12738.1	12448.0	12133.6	11753.0	11334.9	10861.9	10357.9	9783.3	9161.2	8476.4
37.5°	13465.5	13233.2	12957.3	12652.0	12294.0	11892.1	11425.9	10910.7	10357.9	9731.6	9047.6
35°	13895.5	13668.7	13410.3	13106.5	12770.3	12375.0	11938.8	11425.9	10861.9	10252.6	9577.3
32.5°	14257.4	14043.5	13807.2	13511.7	13182.0	12807.1	12375.0	11892.1	11334.9	10716.4	10044.0
30°	14572.0	14368.7	14134.1	13871.0	13545.9	13182.0	12770.3	12294.0	11753.0	11145.2	10477.1
27.5°	14829.8	14657.4	14424.5	14164.6	13871.0	13511.7	13106.5	12652.0	12133.6	11524.3	10854.3
25°	15039.6	14877.7	14680.4	14424.5	14134.1	13807.2	13410.3	12957.3	12448.0	11869.9	11206.4
22.5°	15210.0	15059.3	14877.7	14657.4	14368.7	14043.5	13668.7	13233.2	12738.1	12168.8	11507.7
20°	15341.3	15210.0	15039.6	14829.8	14572.0	14257.4	13895.5	13465.5	12973.4	12416.7	11778.5
17.5°	15427.0	15324.1	15173.7	14981.2	14735.9	14431.2	14075.9	13665.7	13185.8	12639.8	12021.8
15°	15486.1	15406.5	15273.3	15093.1	14867.5	14584.9	14236.5	13842.4	13366.8	12823.5	12208.0
12.5°	15505.4	15459.0	15357.8	15191.3	14976.5	14704.8	14363.3	13970.3	13508.0	12972.6	12363.9
10°	15516.5	15490.3	15407.2	15256.7	15052.2	14793.2	14465.9	14076.9	13625.3	13096.2	12493.0
7.5°	15506.8	15502.5	15439.9	15308.8	15112.4	14863.2	14547.1	14161.0	13717.7	13193.4	12594.3
5°	15499.6	15511.4	15463.9	15346.9	15156.2	14914.1	14605.8	14221.8	13784.4	13263.4	12667.3
2.5°	15495.1	15516.9	15478.6	15370.1	15182.8	14944.9	14641.4	14258.5	13824.6	13305.7	12711.3
0°	15493.6	15518.8	15483.5	15377.9	15191.7	14955.2	14653.3	14270.8	13838.1	13319.8	12726.0
-2.5°	15495.1	15516.9	15478.6	15370.1	15182.8	14944.9	14641.4	14258.5	13824.6	13305.7	12711.3
-5°	15499.6	15511.4	15463.9	15346.9	15156.2	14914.1	14605.8	14221.8	13784.4	13263.4	12667.3
-7.5°	15506.8	15502.5	15439.9	15308.8	15112.4	14863.2	14547.1	14161.0	13717.7	13193.4	12594.3
-10°	15516.5	15490.3	15407.2	15256.7	15052.2	14793.2	14465.9	14076.9	13625.3	13096.2	12493.0
-12.5°	15505.4	15459.0	15357.8	15191.3	14976.5	14704.8	14363.3	13970.3	13508.0	12972.6	12363.9
-15°	15486.1	15406.5	15273.3	15093.1	14867.5	14584.9	14236.5	13842.4	13366.8	12823.5	12208.0



REPORT NUMBER: P687829 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-4000K-LAM

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	15210.0	15059.3	14877.7	14657.4	14368.7	14043.5	13668.7	13233.2	12738.1	12168.8	11507.7
-25°	15039.6	14877.7	14680.4	14424.5	14134.1	13807.2	13410.3	12957.3	12448.0	11869.9	11206.4
-27.5°	14829.8	14657.4	14424.5	14164.6	13871.0	13511.7	13106.5	12652.0	12133.6	11524.3	10854.3
-30°	14572.0	14368.7	14134.1	13871.0	13545.9	13182.0	12770.3	12294.0	11753.0	11145.2	10477.1
-32.5°	14257.4	14043.5	13807.2	13511.7	13182.0	12807.1	12375.0	11892.1	11334.9	10716.4	10044.0
-35°	13895.5	13668.7	13410.3	13106.5	12770.3	12375.0	11938.8	11425.9	10861.9	10252.6	9577.3
-37.5°	13465.5	13233.2	12957.3	12652.0	12294.0	11892.1	11425.9	10910.7	10357.9	9731.6	9047.6
-40°	12973.4	12738.1	12448.0	12133.6	11753.0	11334.9	10861.9	10357.9	9783.3	9161.2	8476.4
-42.5°	12416.7	12168.8	11869.9	11524.3	11145.2	10716.4	10252.6	9731.6	9161.2	8532.3	7831.6
-45°	11778.5	11507.7	11206.4	10854.3	10477.1	10044.0	9577.3	9047.6	8476.4	7831.6	7150.5
-47.5°	11050.7	10776.4	10475.1	10123.4	9735.8	9311.0	8822.5	8305.2	7709.5	7088.5	6428.7
-50°	10254.8	9975.2	9667.6	9322.2	8919.2	8489.5	7999.4	7467.2	6903.3	6306.6	5701.0
-52.5°	9379.0	9090.5	8772.6	8426.6	8020.8	7577.9	7107.1	6597.8	6064.1	5531.0	4986.3
-55°	8397.5	8108.5	7783.5	7429.2	7044.0	6623.1	6176.3	5716.9	5250.3	4763.1	4347.3
-57.5°	7305.9	7033.2	6726.9	6392.6	6031.4	5660.2	5272.4	4862.7	4490.9	4122.6	3754.4
-60°	6176.3	5923.8	5660.2	5372.7	5061.7	4733.1	4442.7	4135.4	3812.2	3550.8	3280.3
-62.5°	5087.9	4872.5	4656.0	4442.7	4211.7	3963.7	3723.9	3509.3	3283.3	3052.5	2858.2
-65°	4146.2	3987.7	3812.2	3663.0	3503.3	3331.8	3148.8	2980.5	2819.8	2651.2	2479.7
-67.5°	3388.6	3280.3	3160.3	3038.6	2926.5	2806.0	2677.3	2540.9	2415.2	2290.5	2160.3
-70°	2787.1	2712.1	2628.9	2537.7	2449.7	2362.0	2268.2	2168.7	2063.6	1958.8	1852.0
-72.5°	2295.4	2241.7	2182.1	2116.8	2045.9	1973.9	1898.3	1818.1	1733.3	1644.2	1558.2
-75°	1866.1	1823.8	1776.8	1725.3	1669.3	1609.1	1553.0	1497.1	1438.0	1375.8	1310.7
-77.5°	1480.8	1452.2	1420.4	1385.5	1347.6	1306.8	1263.1	1215.8	1163.9	1109.4	1052.2
-80°	1140.9	1116.8	1090.1	1060.8	1028.9	994.5	957.7	918.6	877.2	835.1	792.4
-82.5°	791.3	774.6	755.9	735.4	713.2	689.2	663.5	636.2	607.2	576.8	544.9
-85°	467.3	457.9	447.4	436.0	423.5	410.0	395.6	380.3	364.0	346.9	329.0
-87.5°	193.9	190.6	187.0	183.0	178.6	174.0	169.0	163.6	158.0	152.1	145.9
-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: P687829 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-4000K-LAM

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°	139.4	132.6	125.6	118.3	110.8	103.1	95.2	87.2	78.9	70.5	62.0
85°	310.3	290.8	270.6	249.7	228.2	206.1	190.3	174.2	157.7	141.0	123.9
82.5°	511.5	481.0	450.6	419.3	387.0	353.8	319.8	284.9	249.4	213.3	185.6
80°	747.9	701.7	653.7	604.1	553.0	500.9	455.6	409.2	361.9	313.8	264.9
77.5°	992.5	930.5	866.2	803.5	739.6	674.0	606.9	538.2	473.6	413.6	352.6
75°	1242.8	1168.9	1091.7	1012.0	929.9	846.3	765.8	683.5	599.6	514.3	439.5
72.5°	1478.8	1396.4	1311.1	1222.5	1126.8	1028.6	928.1	827.4	729.7	630.4	529.7
70°	1740.7	1625.1	1521.1	1420.5	1317.0	1209.6	1094.9	977.8	858.5	745.2	630.4
67.5°	2025.0	1894.8	1760.2	1621.5	1499.4	1380.2	1258.2	1128.2	994.4	858.5	729.7
65°	2328.7	2172.2	2011.9	1857.8	1699.5	1547.1	1411.9	1274.0	1128.2	977.8	827.4
62.5°	2656.2	2456.6	2278.7	2095.6	1916.7	1738.7	1563.0	1411.9	1258.2	1094.9	928.1
60°	3015.5	2787.1	2551.6	2343.1	2138.4	1936.4	1738.7	1547.1	1380.2	1209.6	1028.6
57.5°	3449.4	3134.2	2866.3	2604.1	2364.6	2138.4	1916.7	1699.5	1499.4	1317.0	1126.8
55°	3918.0	3551.7	3202.0	2892.7	2604.1	2343.1	2095.6	1857.8	1621.5	1420.5	1222.5
52.5°	4483.2	4008.0	3585.9	3202.0	2866.3	2551.6	2278.7	2011.9	1760.2	1521.1	1311.1
50°	5098.6	4528.7	4008.0	3551.7	3134.2	2787.1	2456.6	2172.2	1894.8	1625.1	1396.4
47.5°	5758.0	5098.6	4483.2	3918.0	3449.4	3015.5	2656.2	2328.7	2025.0	1740.7	1478.8
45°	6428.7	5701.0	4986.3	4347.3	3754.4	3280.3	2858.2	2479.7	2160.3	1852.0	1558.2
42.5°	7088.5	6306.6	5531.0	4763.1	4122.6	3550.8	3052.5	2651.2	2290.5	1958.8	1644.2
40°	7709.5	6903.3	6064.1	5250.3	4490.9	3812.2	3283.3	2819.8	2415.2	2063.6	1733.3
37.5°	8305.2	7467.2	6597.8	5716.9	4862.7	4135.4	3509.3	2980.5	2540.9	2168.7	1818.1
35°	8822.5	7999.4	7107.1	6176.3	5272.4	4442.7	3723.9	3148.8	2677.3	2268.2	1898.3
32.5°	9311.0	8489.5	7577.9	6623.1	5660.2	4733.1	3963.7	3331.8	2806.0	2362.0	1973.9
30°	9735.8	8919.2	8020.8	7044.0	6031.4	5061.7	4211.7	3503.3	2926.5	2449.7	2045.9
27.5°	10123.4	9322.2	8426.6	7429.2	6392.6	5372.7	4442.7	3663.0	3038.6	2537.7	2116.8
25°	10475.1	9667.6	8772.6	7783.5	6726.9	5660.2	4656.0	3812.2	3160.3	2628.9	2182.1
22.5°	10776.4	9975.2	9090.5	8108.5	7033.2	5923.8	4872.5	3987.7	3280.3	2712.1	2241.7
20°	11050.7	10254.8	9379.0	8397.5	7305.9	6176.3	5087.9	4146.2	3388.6	2787.1	2295.4
17.5°	11293.1	10493.9	9614.1	8633.9	7546.2	6401.2	5279.8	4287.2	3484.9	2853.8	2343.1
15°	11490.6	10692.8	9815.8	8840.9	7756.3	6597.8	5447.3	4410.2	3568.9	2911.9	2384.6
12.5°	11659.7	10863.0	9988.2	9017.7	7935.6	6765.3	5590.0	4515.0	3640.4	2961.3	2420.0
10°	11799.6	11003.6	10130.5	9163.4	8083.3	6903.3	5707.4	4601.1	3699.1	3002.0	2449.0
7.5°	11909.4	11113.8	10241.9	9277.5	8198.8	7011.1	5799.2	4668.4	3745.0	3033.7	2471.7
5°	11988.3	11193.0	10321.9	9359.3	8281.6	7088.5	5865.0	4716.6	3777.9	3056.4	2487.9
2.5°	12035.8	11240.7	10370.0	9408.6	8331.5	7135.0	5904.5	4745.6	3797.6	3070.0	2497.6
0°	12051.7	11256.6	10386.1	9425.0	8348.1	7150.5	5917.7	4755.3	3804.2	3074.6	2500.9
-2.5°	12035.8	11240.7	10370.0	9408.6	8331.5	7135.0	5904.5	4745.6	3797.6	3070.0	2497.6
-5°	11988.3	11193.0	10321.9	9359.3	8281.6	7088.5	5865.0	4716.6	3777.9	3056.4	2487.9
-7.5°	11909.4	11113.8	10241.9	9277.5	8198.8	7011.1	5799.2	4668.4	3745.0	3033.7	2471.7
-10°	11799.6	11003.6	10130.5	9163.4	8083.3	6903.3	5707.4	4601.1	3699.1	3002.0	2449.0
-12.5°	11659.7	10863.0	9988.2	9017.7	7935.6	6765.3	5590.0	4515.0	3640.4	2961.3	2420.0
-15°	11490.6	10692.8	9815.8	8840.9	7756.3	6597.8	5447.3	4410.2	3568.9	2911.9	2384.6



REPORT NUMBER: P687829 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-4000K-LAM

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	10776.4	9975.2	9090.5	8108.5	7033.2	5923.8	4872.5	3987.7	3280.3	2712.1	2241.7
-25°	10475.1	9667.6	8772.6	7783.5	6726.9	5660.2	4656.0	3812.2	3160.3	2628.9	2182.1
-27.5°	10123.4	9322.2	8426.6	7429.2	6392.6	5372.7	4442.7	3663.0	3038.6	2537.7	2116.8
-30°	9735.8	8919.2	8020.8	7044.0	6031.4	5061.7	4211.7	3503.3	2926.5	2449.7	2045.9
-32.5°	9311.0	8489.5	7577.9	6623.1	5660.2	4733.1	3963.7	3331.8	2806.0	2362.0	1973.9
-35°	8822.5	7999.4	7107.1	6176.3	5272.4	4442.7	3723.9	3148.8	2677.3	2268.2	1898.3
-37.5°	8305.2	7467.2	6597.8	5716.9	4862.7	4135.4	3509.3	2980.5	2540.9	2168.7	1818.1
-40°	7709.5	6903.3	6064.1	5250.3	4490.9	3812.2	3283.3	2819.8	2415.2	2063.6	1733.3
-42.5°	7088.5	6306.6	5531.0	4763.1	4122.6	3550.8	3052.5	2651.2	2290.5	1958.8	1644.2
-45°	6428.7	5701.0	4986.3	4347.3	3754.4	3280.3	2858.2	2479.7	2160.3	1852.0	1558.2
-47.5°	5758.0	5098.6	4483.2	3918.0	3449.4	3015.5	2656.2	2328.7	2025.0	1740.7	1478.8
-50°	5098.6	4528.7	4008.0	3551.7	3134.2	2787.1	2456.6	2172.2	1894.8	1625.1	1396.4
-52.5°	4483.2	4008.0	3585.9	3202.0	2866.3	2551.6	2278.7	2011.9	1760.2	1521.1	1311.1
-55°	3918.0	3551.7	3202.0	2892.7	2604.1	2343.1	2095.6	1857.8	1621.5	1420.5	1222.5
-57.5°	3449.4	3134.2	2866.3	2604.1	2364.6	2138.4	1916.7	1699.5	1499.4	1317.0	1126.8
-60°	3015.5	2787.1	2551.6	2343.1	2138.4	1936.4	1738.7	1547.1	1380.2	1209.6	1028.6
-62.5°	2656.2	2456.6	2278.7	2095.6	1916.7	1738.7	1563.0	1411.9	1258.2	1094.9	928.1
-65°	2328.7	2172.2	2011.9	1857.8	1699.5	1547.1	1411.9	1274.0	1128.2	977.8	827.4
-67.5°	2025.0	1894.8	1760.2	1621.5	1499.4	1380.2	1258.2	1128.2	994.4	858.5	729.7
-70°	1740.7	1625.1	1521.1	1420.5	1317.0	1209.6	1094.9	977.8	858.5	745.2	630.4
-72.5°	1478.8	1396.4	1311.1	1222.5	1126.8	1028.6	928.1	827.4	729.7	630.4	529.7
-75°	1242.8	1168.9	1091.7	1012.0	929.9	846.3	765.8	683.5	599.6	514.3	439.5
-77.5°	992.5	930.5	866.2	803.5	739.6	674.0	606.9	538.2	473.6	413.6	352.6
-80°	747.9	701.7	653.7	604.1	553.0	500.9	455.6	409.2	361.9	313.8	264.9
-82.5°	511.5	481.0	450.6	419.3	387.0	353.8	319.8	284.9	249.4	213.3	185.6
-85°	310.3	290.8	270.6	249.7	228.2	206.1	190.3	174.2	157.7	141.0	123.9
-87.5°	139.4	132.6	125.6	118.3	110.8	103.1	95.2	87.2	78.9	70.5	62.0
-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: P687829 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-4000K-LAM

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°	53.4	44.6	35.8	26.9	18.0	9.0	0.0
85°	106.7	89.2	71.6	53.8	35.9	18.0	0.0
82.5°	159.8	133.6	107.2	80.6	53.8	26.9	0.0
80°	215.3	177.7	142.6	107.2	71.6	35.8	0.0
77.5°	290.8	228.3	177.7	133.6	89.2	44.6	0.0
75°	365.6	290.8	215.3	159.8	106.7	53.4	0.0
72.5°	439.5	352.6	264.9	185.6	123.9	62.0	0.0
70°	514.3	413.6	313.8	213.3	141.0	70.5	0.0
67.5°	599.6	473.6	361.9	249.4	157.7	78.9	0.0
65°	683.5	538.2	409.2	284.9	174.2	87.2	0.0
62.5°	765.8	606.9	455.6	319.8	190.3	95.2	0.0
60°	846.3	674.0	500.9	353.8	206.1	103.1	0.0
57.5°	929.9	739.6	553.0	387.0	228.2	110.8	0.0
55°	1012.0	803.5	604.1	419.3	249.7	118.3	0.0
52.5°	1091.7	866.2	653.7	450.6	270.6	125.6	0.0
50°	1168.9	930.5	701.7	481.0	290.8	132.6	0.0
47.5°	1242.8	992.5	747.9	511.5	310.3	139.4	0.0
45°	1310.7	1052.2	792.4	544.9	329.0	145.9	0.0
42.5°	1375.8	1109.4	835.1	576.8	346.9	152.1	0.0
40°	1438.0	1163.9	877.2	607.2	364.0	158.0	0.0
37.5°	1497.1	1215.8	918.6	636.2	380.3	163.6	0.0
35°	1553.0	1263.1	957.7	663.5	395.6	169.0	0.0
32.5°	1609.1	1306.8	994.5	689.2	410.0	174.0	0.0
30°	1669.3	1347.6	1028.9	713.2	423.5	178.6	0.0
27.5°	1725.3	1385.5	1060.8	735.4	436.0	183.0	0.0
25°	1776.8	1420.4	1090.1	755.9	447.4	187.0	0.0
22.5°	1823.8	1452.2	1116.8	774.6	457.9	190.6	0.0
20°	1866.1	1480.8	1140.9	791.3	467.3	193.9	0.0
17.5°	1903.7	1506.2	1162.3	806.2	475.7	196.7	0.0
15°	1936.4	1528.3	1180.9	819.2	482.9	199.3	0.0
12.5°	1964.2	1547.1	1196.7	830.2	489.1	201.4	0.0
10°	1987.1	1562.5	1209.6	839.3	494.2	203.2	0.0
7.5°	2004.9	1574.6	1219.8	846.3	498.1	204.5	0.0
5°	2017.7	1583.2	1227.0	851.4	500.9	205.5	0.0
2.5°	2025.3	1588.4	1231.3	854.4	502.6	206.1	0.0
0°	2027.9	1590.1	1232.8	855.4	503.2	206.3	0.0
-2.5°	2025.3	1588.4	1231.3	854.4	502.6	206.1	0.0
-5°	2017.7	1583.2	1227.0	851.4	500.9	205.5	0.0
-7.5°	2004.9	1574.6	1219.8	846.3	498.1	204.5	0.0
-10°	1987.1	1562.5	1209.6	839.3	494.2	203.2	0.0
-12.5°	1964.2	1547.1	1196.7	830.2	489.1	201.4	0.0
-15°	1936.4	1528.3	1180.9	819.2	482.9	199.3	0.0

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P687829 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-4000K-LAM

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1823.8	1452.2	1116.8	774.6	457.9	190.6	0.0
-25°	1776.8	1420.4	1090.1	755.9	447.4	187.0	0.0
-27.5°	1725.3	1385.5	1060.8	735.4	436.0	183.0	0.0
-30°	1669.3	1347.6	1028.9	713.2	423.5	178.6	0.0
-32.5°	1609.1	1306.8	994.5	689.2	410.0	174.0	0.0
-35°	1553.0	1263.1	957.7	663.5	395.6	169.0	0.0
-37.5°	1497.1	1215.8	918.6	636.2	380.3	163.6	0.0
-40°	1438.0	1163.9	877.2	607.2	364.0	158.0	0.0
-42.5°	1375.8	1109.4	835.1	576.8	346.9	152.1	0.0
-45°	1310.7	1052.2	792.4	544.9	329.0	145.9	0.0
-47.5°	1242.8	992.5	747.9	511.5	310.3	139.4	0.0
-50°	1168.9	930.5	701.7	481.0	290.8	132.6	0.0
-52.5°	1091.7	866.2	653.7	450.6	270.6	125.6	0.0
-55°	1012.0	803.5	604.1	419.3	249.7	118.3	0.0
-57.5°	929.9	739.6	553.0	387.0	228.2	110.8	0.0
-60°	846.3	674.0	500.9	353.8	206.1	103.1	0.0
-62.5°	765.8	606.9	455.6	319.8	190.3	95.2	0.0
-65°	683.5	538.2	409.2	284.9	174.2	87.2	0.0
-67.5°	599.6	473.6	361.9	249.4	157.7	78.9	0.0
-70°	514.3	413.6	313.8	213.3	141.0	70.5	0.0
-72.5°	439.5	352.6	264.9	185.6	123.9	62.0	0.0
-75°	365.6	290.8	215.3	159.8	106.7	53.4	0.0
-77.5°	290.8	228.3	177.7	133.6	89.2	44.6	0.0
-80°	215.3	177.7	142.6	107.2	71.6	35.8	0.0
-82.5°	159.8	133.6	107.2	80.6	53.8	26.9	0.0
-85°	106.7	89.2	71.6	53.8	35.9	18.0	0.0
-87.5°	53.4	44.6	35.8	26.9	18.0	9.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Peachtree City, GA 30269

Scaled Data Report



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Horizontal Angle (degrees)

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Horizontal Angle (degrees)

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--- Horizontal Distribution through 0-Deg

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-17.5°	0.0	196.7	475.7	806.2	1162.3	1506.2	1903.7	2343.1	2853.8	3484.9	4287.2
-20°	0.0	193.9	467.3	791.3	1140.9	1480.8	1866.1	2295.4	2787.1	3388.6	4146.2

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-17.5°	5279.8	6401.2	7546.2	8633.9	9614.1	10493.9	11293.1	12021.8	12639.8	13185.8	13665.7
-20°	5087.9	6176.3	7305.9	8397.5	9379.0	10254.8	11050.7	11778.5	12416.7	12973.4	13465.5

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-17.5°	14075.9	14431.2	14735.9	14981.2	15173.7	15324.1	15427.0	15489.8	15513.2	15507.6	15494.4
-20°	13895.5	14257.4	14572.0	14829.8	15039.6	15210.0	15341.3	15427.0	15486.1	15505.4	15516.5

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-17.5°	15461.2	15435.0	15418.6	15413.1	15418.6	15435.0	15461.2	15494.4	15507.6	15513.2	15489.8
-20°	15506.8	15499.6	15495.1	15493.6	15495.1	15499.6	15506.8	15516.5	15505.4	15486.1	15427.0

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-17.5°	15427.0	15324.1	15173.7	14981.2	14735.9	14431.2	14075.9	13665.7	13185.8	12639.8	12021.8
-20°	15341.3	15210.0	15039.6	14829.8	14572.0	14257.4	13895.5	13465.5	12973.4	12416.7	11778.5

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-17.5°	11293.1	10493.9	9614.1	8633.9	7546.2	6401.2	5279.8	4287.2	3484.9	2853.8	2343.1
-20°	11050.7	10254.8	9379.0	8397.5	7305.9	6176.3	5087.9	4146.2	3388.6	2787.1	2295.4

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-17.5°	1903.7	1506.2	1162.3	806.2	475.7	196.7	0.0
-20°	1866.1	1480.8	1140.9	791.3	467.3	193.9	0.0

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(END OF REPORT)