

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: EPHESUS

Report Number: P624780 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-VN-06-E-PRO-5700K-55**

Issue Date: 11/8/2022



Test Information

Test Method: LM-79-08
Report Number: P624780 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-765-5)
Test Lab: INNOVATION CENTER
Issue Date: 11/8/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-VN-06-E-PRO-5700K-55
Description: EPHESUS LUMAVISION CCT TUNING FLOOD
3000K AND TYPE 55 OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 33842.8 lumens
Efficiency: N/A
Efficacy: 119.4 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')

Beam Angle (50%): 53.1°H x 49.5°V
Beam Lumens: 22431.9 lumens
Beam Efficiency: 66.3%

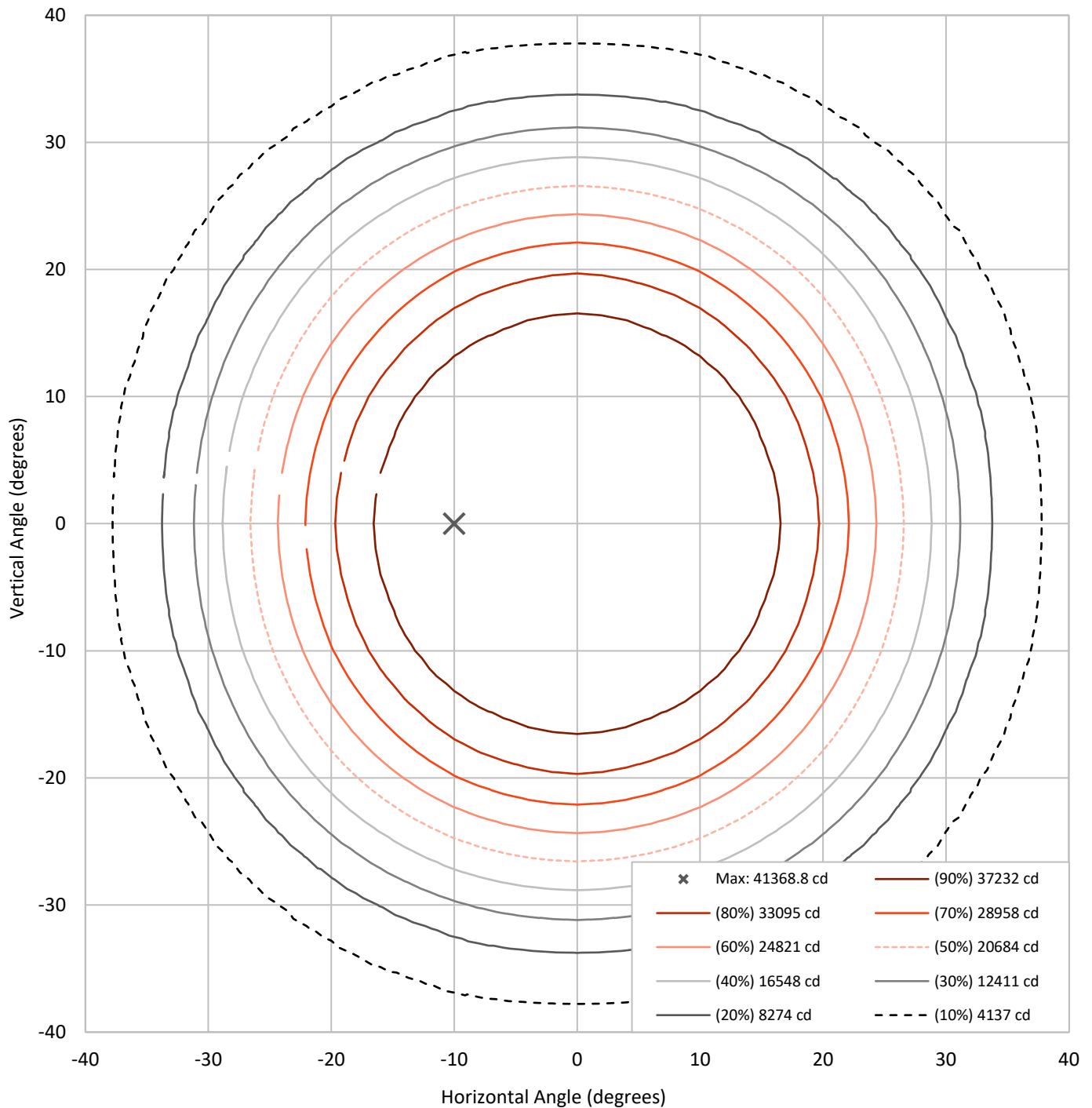
Field Angle (10%): 75.3°H x 73.6°V
Field Lumens: 29168.3 lumens
Field Efficiency: 86.2%

NEMA Type: 5H x 5V
Max Intensity: 41368.8 candela
Max Intensity Angle: -10°H x 0°V

Input Watts (W): 283.5
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: P624780 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-55

Iso-Candela Plot





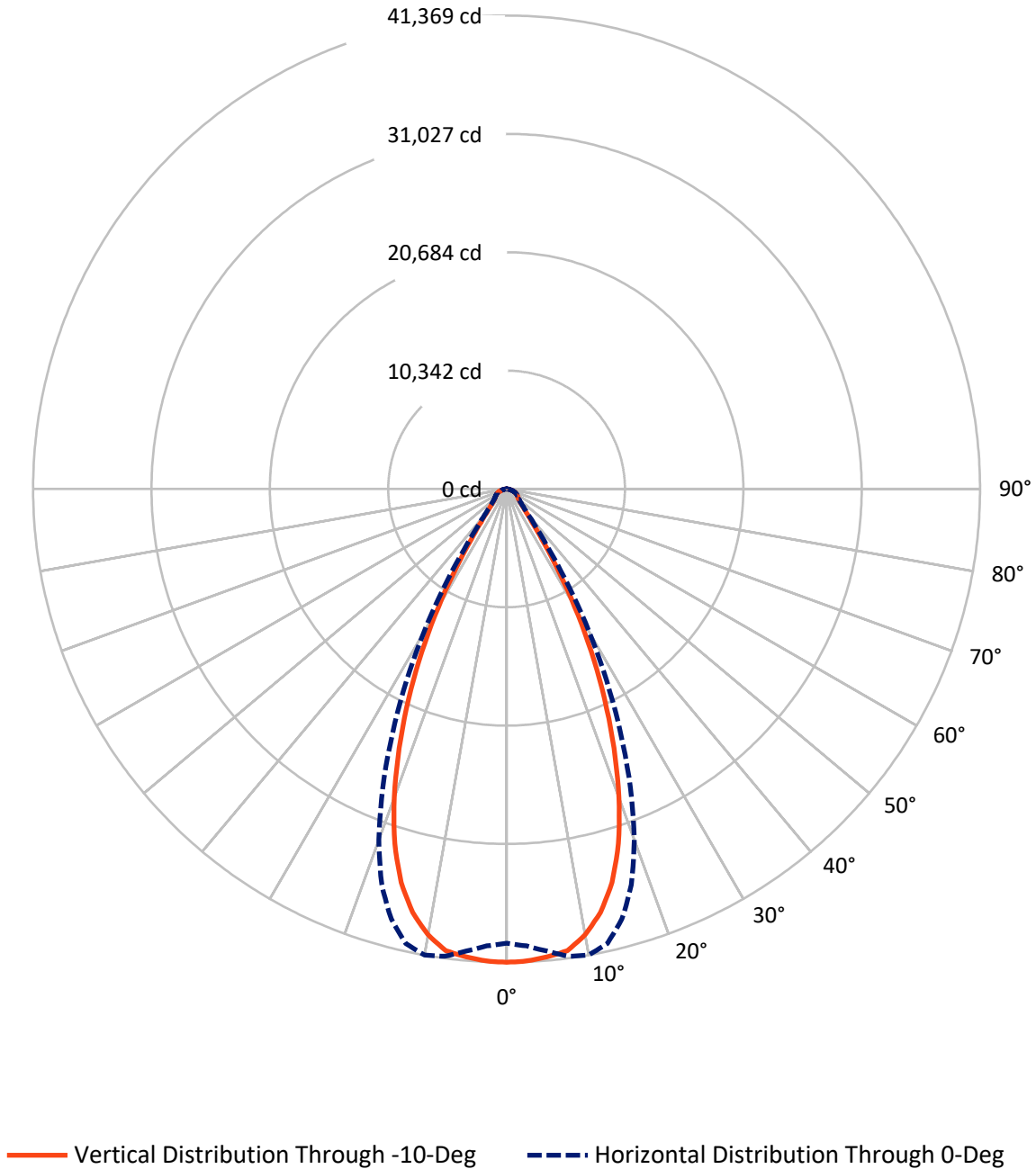
REPORT NUMBER: P624780 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90	1.0	7.4	19.4	31.2	36.1	31.2	19.4	7.4	1.0										
80	1.0	7.4	19.4	31.2	36.1	31.2	19.4	7.4	1.0										
70	3.4	3.7	7.6	12.6	17.8	22.2	25.4	27.1	27.1	25.4	22.2	17.8	12.6	7.6	3.7	3.4			
60		5.7	11.7	18.6	24.9	30.3	34.4	36.7	36.7	34.4	30.3	24.9	18.6	11.7	5.7				
50	6.0	7.6	15.1	22.8	30.6	39.7	50.2	58.3	58.3	50.2	39.7	30.6	22.8	15.1	7.6	6.0			
40		9.3	17.5	26.5	40.1	71.5	139.7	210.2	210.2	139.7	71.5	40.1	26.5	17.5	9.3				
30	8.0	10.5	19.3	31.1	64.9	206.8	479.2	680.1	680.1	479.2	206.8	64.9	31.1	19.3	10.5	8.0			
20		11.2	20.5	37.0	119.8	451.4	883.0	1125.8	1125.8	883.0	451.4	119.8	37.0	20.5	11.2				
10	8.7	11.6	21.2	41.8	175.3	621.7	1092.6	1239.1	1239.1	1092.6	621.7	175.3	41.8	21.2	11.6	8.7			
0		11.6	21.2	41.8	175.3	621.7	1092.6	1239.1	1239.1	1092.6	621.7	175.3	41.8	21.2	11.6				
-10	8.0	11.2	20.5	37.0	119.8	451.4	883.0	1125.8	1125.8	883.0	451.4	119.8	37.0	20.5	11.2	8.0			
-20		10.5	19.3	31.1	64.9	206.8	479.2	680.1	680.1	479.2	206.8	64.9	31.1	19.3	10.5				
-30	6.0	9.3	17.5	26.5	40.1	71.5	139.7	210.2	210.2	139.7	71.5	40.1	26.5	17.5	9.3	6.0			
-40		7.6	15.1	22.8	30.6	39.7	50.2	58.3	58.3	50.2	39.7	30.6	22.8	15.1	7.6				
-50	3.4	5.7	11.7	18.6	24.9	30.3	34.4	36.7	36.7	34.4	30.3	24.9	18.6	11.7	5.7	3.4			
-60		3.7	7.6	12.6	17.8	22.2	25.4	27.1	27.1	25.4	22.2	17.8	12.6	7.6	3.7				
-70	1.0	7.4	19.4	31.2	36.1	31.2	19.4	7.4	1.0										
-80		1.0	7.4	19.4	31.2	36.1	31.2	19.4	7.4	1.0									
-90	1.0	7.4	19.4	31.2	36.1	31.2	19.4	7.4	1.0										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

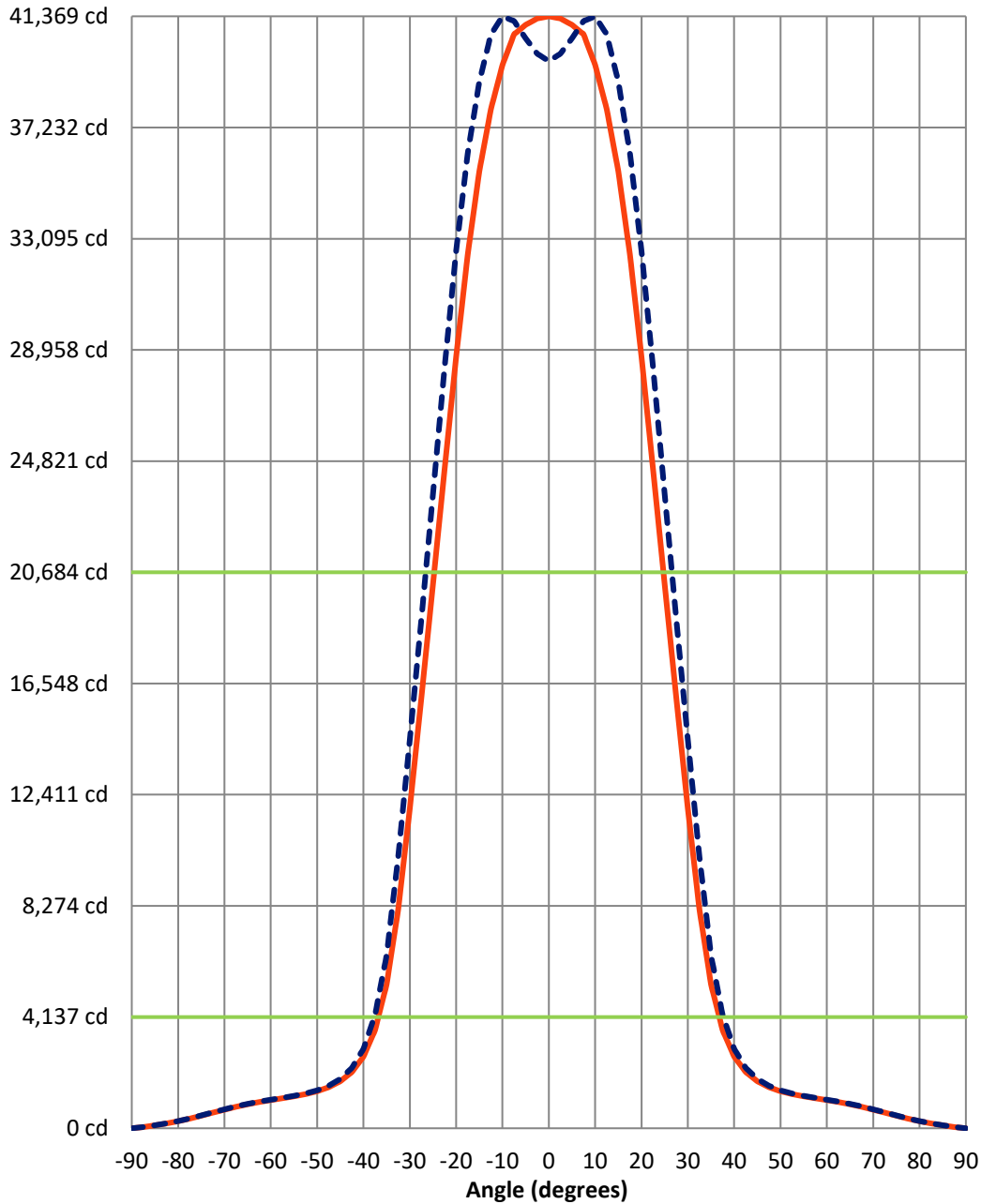
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.1°
 V Angle: 49.5°
 Lumens: 22431.9
 Efficiency: 66.3%

Field:
 H Angle: 75.3°
 V Angle: 73.6°
 Lumens: 29168.3
 Efficiency: 86.2%

Spill:
 Lumens: 4674.5
 Efficiency: 13.8%

- Vertical Distribution through -10-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	2.0	4.0	6.0	7.9	9.9	11.8	13.7	15.6	17.5	19.3
85°	0.0	4.0	8.0	11.9	15.9	19.8	23.6	27.5	31.2	34.9	38.6
82.5°	0.0	6.0	11.9	17.8	23.7	29.6	35.4	41.1	47.3	55.4	63.4
80°	0.0	7.9	15.9	23.7	31.6	39.4	47.7	58.9	69.9	80.7	91.4
77.5°	0.0	9.9	19.8	29.6	39.4	50.6	64.7	78.6	92.3	105.9	119.5
75°	0.0	11.8	23.6	35.4	47.7	64.7	81.5	98.2	114.7	131.8	148.5
72.5°	0.0	13.7	27.5	41.1	58.9	78.6	98.2	117.8	137.9	157.8	177.3
70°	0.0	15.6	31.2	47.3	69.9	92.3	114.7	137.9	160.9	183.6	210.3
67.5°	0.0	17.5	34.9	55.4	80.7	105.9	131.8	157.8	183.6	214.0	243.9
65°	0.0	19.3	38.6	63.4	91.4	119.5	148.5	177.3	210.3	243.9	278.7
62.5°	0.0	21.1	42.2	71.2	101.8	133.2	165.0	199.1	236.5	274.3	316.6
60°	0.0	22.8	45.7	78.9	112.0	146.6	181.1	221.6	262.1	307.9	353.9
57.5°	0.0	24.5	50.6	86.4	122.5	159.8	199.6	243.6	290.5	340.7	393.8
55°	0.0	26.2	55.5	93.6	132.7	172.5	217.9	265.0	319.0	373.8	434.5
52.5°	0.0	27.8	60.2	100.7	142.6	185.3	235.7	288.9	346.7	409.5	474.2
50°	0.0	29.4	64.7	107.5	152.2	199.7	253.0	312.4	374.7	444.1	513.7
47.5°	0.0	30.9	69.1	114.2	161.4	213.6	270.1	335.1	404.4	477.5	552.1
45°	0.0	32.3	73.3	120.8	170.3	226.9	288.8	356.9	433.1	510.8	589.1
42.5°	0.0	33.7	77.3	127.2	178.8	239.7	306.7	379.6	460.5	542.7	622.9
40°	0.0	35.0	81.2	133.3	187.8	251.9	323.8	402.5	487.1	573.3	654.9
37.5°	0.0	36.3	84.8	139.1	197.0	263.5	340.1	424.3	512.8	601.9	685.4
35°	0.0	37.4	88.3	144.5	205.8	275.7	355.5	445.0	537.2	627.8	714.7
32.5°	0.0	38.5	91.5	149.7	214.0	287.7	370.6	464.4	560.2	652.3	743.0
30°	0.0	39.6	94.6	154.5	221.7	298.9	386.1	482.7	581.7	675.2	769.4
27.5°	0.0	40.5	97.4	158.9	228.8	309.4	400.5	500.1	601.3	696.5	794.0
25°	0.0	41.4	100.0	163.0	235.4	319.0	413.7	516.1	618.6	716.5	816.6
22.5°	0.0	42.2	102.3	166.7	241.4	327.7	425.8	530.7	634.4	735.0	833.5
20°	0.0	42.9	104.4	170.1	246.7	335.6	436.7	543.9	648.7	751.7	848.7
17.5°	0.0	43.6	106.3	173.1	251.5	342.6	446.3	555.6	661.3	766.6	862.3
15°	0.0	44.1	107.9	175.7	255.7	348.7	454.8	565.8	672.4	779.5	874.1
12.5°	0.0	44.6	109.3	177.9	259.2	353.9	461.9	574.5	681.8	790.5	884.2
10°	0.0	45.0	110.5	179.7	262.1	358.1	467.8	581.6	689.5	799.6	892.5
7.5°	0.0	45.3	111.4	181.1	264.4	361.4	472.4	587.1	695.5	806.7	898.9
5°	0.0	45.5	112.0	182.1	266.0	363.8	475.7	591.1	699.8	811.7	903.6
2.5°	0.0	45.7	112.4	182.7	267.0	365.2	477.6	593.5	702.4	814.8	906.4
0°	0.0	45.7	112.5	182.9	267.3	365.7	478.3	594.3	703.3	815.8	907.3
-2.5°	0.0	45.7	112.4	182.7	267.0	365.2	477.6	593.5	702.4	814.8	906.4
-5°	0.0	45.5	112.0	182.1	266.0	363.8	475.7	591.1	699.8	811.7	903.6
-7.5°	0.0	45.3	111.4	181.1	264.4	361.4	472.4	587.1	695.5	806.7	898.9
-10°	0.0	45.0	110.5	179.7	262.1	358.1	467.8	581.6	689.5	799.6	892.5
-12.5°	0.0	44.6	109.3	177.9	259.2	353.9	461.9	574.5	681.8	790.5	884.2
-15°	0.0	44.1	107.9	175.7	255.7	348.7	454.8	565.8	672.4	779.5	874.1
-17.5°	0.0	43.6	106.3	173.1	251.5	342.6	446.3	555.6	661.3	766.6	862.3
-20°	0.0	42.9	104.4	170.1	246.7	335.6	436.7	543.9	648.7	751.7	848.7

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REPORT NUMBER: P624780 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-55

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	42.2	102.3	166.7	241.4	327.7	425.8	530.7	634.4	735.0	833.5
-25°	0.0	41.4	100.0	163.0	235.4	319.0	413.7	516.1	618.6	716.5	816.6
-27.5°	0.0	40.5	97.4	158.9	228.8	309.4	400.5	500.1	601.3	696.5	794.0
-30°	0.0	39.6	94.6	154.5	221.7	298.9	386.1	482.7	581.7	675.2	769.4
-32.5°	0.0	38.5	91.5	149.7	214.0	287.7	370.6	464.4	560.2	652.3	743.0
-35°	0.0	37.4	88.3	144.5	205.8	275.7	355.5	445.0	537.2	627.8	714.7
-37.5°	0.0	36.3	84.8	139.1	197.0	263.5	340.1	424.3	512.8	601.9	685.4
-40°	0.0	35.0	81.2	133.3	187.8	251.9	323.8	402.5	487.1	573.3	654.9
-42.5°	0.0	33.7	77.3	127.2	178.8	239.7	306.7	379.6	460.5	542.7	622.9
-45°	0.0	32.3	73.3	120.8	170.3	226.9	288.8	356.9	433.1	510.8	589.1
-47.5°	0.0	30.9	69.1	114.2	161.4	213.6	270.1	335.1	404.4	477.5	552.1
-50°	0.0	29.4	64.7	107.5	152.2	199.7	253.0	312.4	374.7	444.1	513.7
-52.5°	0.0	27.8	60.2	100.7	142.6	185.3	235.7	288.9	346.7	409.5	474.2
-55°	0.0	26.2	55.5	93.6	132.7	172.5	217.9	265.0	319.0	373.8	434.5
-57.5°	0.0	24.5	50.6	86.4	122.5	159.8	199.6	243.6	290.5	340.7	393.8
-60°	0.0	22.8	45.7	78.9	112.0	146.6	181.1	221.6	262.1	307.9	353.9
-62.5°	0.0	21.1	42.2	71.2	101.8	133.2	165.0	199.1	236.5	274.3	316.6
-65°	0.0	19.3	38.6	63.4	91.4	119.5	148.5	177.3	210.3	243.9	278.7
-67.5°	0.0	17.5	34.9	55.4	80.7	105.9	131.8	157.8	183.6	214.0	243.9
-70°	0.0	15.6	31.2	47.3	69.9	92.3	114.7	137.9	160.9	183.6	210.3
-72.5°	0.0	13.7	27.5	41.1	58.9	78.6	98.2	117.8	137.9	157.8	177.3
-75°	0.0	11.8	23.6	35.4	47.7	64.7	81.5	98.2	114.7	131.8	148.5
-77.5°	0.0	9.9	19.8	29.6	39.4	50.6	64.7	78.6	92.3	105.9	119.5
-80°	0.0	7.9	15.9	23.7	31.6	39.4	47.7	58.9	69.9	80.7	91.4
-82.5°	0.0	6.0	11.9	17.8	23.7	29.6	35.4	41.1	47.3	55.4	63.4
-85°	0.0	4.0	8.0	11.9	15.9	19.8	23.6	27.5	31.2	34.9	38.6
-87.5°	0.0	2.0	4.0	6.0	7.9	9.9	11.8	13.7	15.6	17.5	19.3
-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-VN-06-E-PRO-5700K-55

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°	21.1	22.8	24.5	26.2	27.8	29.4	30.9	32.3	33.7	35.0	36.3
85°	42.2	45.7	50.6	55.5	60.2	64.7	69.1	73.3	77.3	81.2	84.8
82.5°	71.2	78.9	86.4	93.6	100.7	107.5	114.2	120.8	127.2	133.3	139.1
80°	101.8	112.0	122.5	132.7	142.6	152.2	161.4	170.3	178.8	187.8	197.0
77.5°	133.2	146.6	159.8	172.5	185.3	199.7	213.6	226.9	239.7	251.9	263.5
75°	165.0	181.1	199.6	217.9	235.7	253.0	270.1	288.8	306.7	323.8	340.1
72.5°	199.1	221.6	243.6	265.0	288.9	312.4	335.1	356.9	379.6	402.5	424.3
70°	236.5	262.1	290.5	319.0	346.7	374.7	404.4	433.1	460.5	487.1	512.8
67.5°	274.3	307.9	340.7	373.8	409.5	444.1	477.5	510.8	542.7	573.3	601.9
65°	316.6	353.9	393.8	434.5	474.2	513.7	552.1	589.1	622.9	654.9	685.4
62.5°	358.2	403.9	449.7	494.9	539.8	583.4	623.8	662.2	699.1	735.5	770.3
60°	403.9	454.8	505.4	555.6	603.9	648.7	692.1	735.0	776.7	816.6	847.7
57.5°	449.7	505.4	560.9	613.9	663.7	712.5	761.1	808.1	846.4	881.9	915.1
55°	494.9	555.6	613.9	668.7	722.9	776.9	826.8	868.0	907.9	943.2	977.1
52.5°	539.8	603.9	663.7	722.9	782.1	835.4	881.1	924.1	963.6	1000.0	1030.5
50°	583.4	648.7	712.5	776.9	835.4	885.5	932.2	976.0	1013.9	1047.9	1080.6
47.5°	623.8	692.1	761.1	826.8	881.1	932.2	980.1	1020.8	1058.5	1094.8	1129.8
45°	662.2	735.0	808.1	868.0	924.1	976.0	1020.8	1062.0	1102.0	1141.1	1180.3
42.5°	699.1	776.7	846.4	907.9	963.6	1013.9	1058.5	1102.0	1144.9	1188.1	1234.2
40°	735.5	816.6	881.9	943.2	1000.0	1047.9	1094.8	1141.1	1188.1	1239.0	1291.5
37.5°	770.3	847.7	915.1	977.1	1030.5	1080.6	1129.8	1180.3	1234.2	1291.5	1364.0
35°	803.4	877.2	944.8	1006.4	1059.5	1111.8	1164.9	1220.1	1281.9	1357.5	1446.8
32.5°	831.1	905.2	973.0	1031.9	1087.1	1142.0	1198.4	1262.8	1338.1	1427.1	1547.9
30°	855.0	929.5	998.2	1055.9	1113.1	1171.5	1234.6	1306.2	1395.3	1517.7	1673.4
27.5°	877.2	952.1	1018.8	1078.4	1137.7	1199.1	1270.1	1356.5	1468.2	1613.3	1807.8
25°	897.7	973.0	1037.8	1099.2	1161.4	1228.4	1306.0	1403.4	1543.1	1731.2	1995.9
22.5°	915.8	992.0	1055.3	1118.2	1183.2	1256.5	1346.1	1464.5	1626.4	1844.0	2187.1
20°	931.5	1006.4	1071.1	1135.7	1203.0	1282.1	1382.7	1523.3	1719.5	2007.1	2446.8
17.5°	945.4	1019.3	1085.2	1151.9	1223.5	1308.5	1418.0	1576.0	1803.3	2154.2	2721.1
15°	957.5	1030.5	1097.6	1166.1	1241.9	1335.0	1460.8	1641.2	1903.2	2311.4	2969.8
12.5°	967.9	1040.0	1108.1	1178.2	1257.7	1357.7	1497.5	1699.7	2006.5	2505.0	3343.2
10°	976.4	1047.9	1116.8	1188.2	1270.7	1376.4	1527.8	1748.1	2092.1	2665.8	3654.2
7.5°	983.1	1054.1	1123.5	1196.1	1280.9	1391.1	1551.6	1786.2	2159.5	2792.4	3899.6
5°	987.9	1058.5	1128.4	1201.7	1288.2	1401.6	1568.7	1813.6	2208.0	2883.8	4076.9
2.5°	990.7	1061.1	1131.3	1205.1	1292.6	1408.0	1579.1	1830.1	2237.3	2938.9	4184.0
0°	991.7	1062.0	1132.3	1206.2	1294.1	1410.1	1582.5	1835.6	2247.1	2957.4	4219.9
-2.5°	990.7	1061.1	1131.3	1205.1	1292.6	1408.0	1579.1	1830.1	2237.3	2938.9	4184.0
-5°	987.9	1058.5	1128.4	1201.7	1288.2	1401.6	1568.7	1813.6	2208.0	2883.8	4076.9
-7.5°	983.1	1054.1	1123.5	1196.1	1280.9	1391.1	1551.6	1786.2	2159.5	2792.4	3899.6
-10°	976.4	1047.9	1116.8	1188.2	1270.7	1376.4	1527.8	1748.1	2092.1	2665.8	3654.2
-12.5°	967.9	1040.0	1108.1	1178.2	1257.7	1357.7	1497.5	1699.7	2006.5	2505.0	3343.2
-15°	957.5	1030.5	1097.6	1166.1	1241.9	1335.0	1460.8	1641.2	1903.2	2311.4	2969.8
-17.5°	945.4	1019.3	1085.2	1151.9	1223.5	1308.5	1418.0	1576.0	1803.3	2154.2	2721.1
-20°	931.5	1006.4	1071.1	1135.7	1203.0	1282.1	1382.7	1523.3	1719.5	2007.1	2446.8

Classified

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

Scaled Data Report



REPORT NUMBER: P624780 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-55

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	915.8	992.0	1055.3	1118.2	1183.2	1256.5	1346.1	1464.5	1626.4	1844.0	2187.1
-25°	897.7	973.0	1037.8	1099.2	1161.4	1228.4	1306.0	1403.4	1543.1	1731.2	1995.9
-27.5°	877.2	952.1	1018.8	1078.4	1137.7	1199.1	1270.1	1356.5	1468.2	1613.3	1807.8
-30°	855.0	929.5	998.2	1055.9	1113.1	1171.5	1234.6	1306.2	1395.3	1517.7	1673.4
-32.5°	831.1	905.2	973.0	1031.9	1087.1	1142.0	1198.4	1262.8	1338.1	1427.1	1547.9
-35°	803.4	877.2	944.8	1006.4	1059.5	1111.8	1164.9	1220.1	1281.9	1357.5	1446.8
-37.5°	770.3	847.7	915.1	977.1	1030.5	1080.6	1129.8	1180.3	1234.2	1291.5	1364.0
-40°	735.5	816.6	881.9	943.2	1000.0	1047.9	1094.8	1141.1	1188.1	1239.0	1291.5
-42.5°	699.1	776.7	846.4	907.9	963.6	1013.9	1058.5	1102.0	1144.9	1188.1	1234.2
-45°	662.2	735.0	808.1	868.0	924.1	976.0	1020.8	1062.0	1102.0	1141.1	1180.3
-47.5°	623.8	692.1	761.1	826.8	881.1	932.2	980.1	1020.8	1058.5	1094.8	1129.8
-50°	583.4	648.7	712.5	776.9	835.4	885.5	932.2	976.0	1013.9	1047.9	1080.6
-52.5°	539.8	603.9	663.7	722.9	782.1	835.4	881.1	924.1	963.6	1000.0	1030.5
-55°	494.9	555.6	613.9	668.7	722.9	776.9	826.8	868.0	907.9	943.2	977.1
-57.5°	449.7	505.4	560.9	613.9	663.7	712.5	761.1	808.1	846.4	881.9	915.1
-60°	403.9	454.8	505.4	555.6	603.9	648.7	692.1	735.0	776.7	816.6	847.7
-62.5°	358.2	403.9	449.7	494.9	539.8	583.4	623.8	662.2	699.1	735.5	770.3
-65°	316.6	353.9	393.8	434.5	474.2	513.7	552.1	589.1	622.9	654.9	685.4
-67.5°	274.3	307.9	340.7	373.8	409.5	444.1	477.5	510.8	542.7	573.3	601.9
-70°	236.5	262.1	290.5	319.0	346.7	374.7	404.4	433.1	460.5	487.1	512.8
-72.5°	199.1	221.6	243.6	265.0	288.9	312.4	335.1	356.9	379.6	402.5	424.3
-75°	165.0	181.1	199.6	217.9	235.7	253.0	270.1	288.8	306.7	323.8	340.1
-77.5°	133.2	146.6	159.8	172.5	185.3	199.7	213.6	226.9	239.7	251.9	263.5
-80°	101.8	112.0	122.5	132.7	142.6	152.2	161.4	170.3	178.8	187.8	197.0
-82.5°	71.2	78.9	86.4	93.6	100.7	107.5	114.2	120.8	127.2	133.3	139.1
-85°	42.2	45.7	50.6	55.5	60.2	64.7	69.1	73.3	77.3	81.2	84.8
-87.5°	21.1	22.8	24.5	26.2	27.8	29.4	30.9	32.3	33.7	35.0	36.3
-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: P624780 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-55

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°	37.4	38.5	39.6	40.5	41.4	42.2	42.9	43.6	44.1	44.6	45.0
85°	88.3	91.5	94.6	97.4	100.0	102.3	104.4	106.3	107.9	109.3	110.5
82.5°	144.5	149.7	154.5	158.9	163.0	166.7	170.1	173.1	175.7	177.9	179.7
80°	205.8	214.0	221.7	228.8	235.4	241.4	246.7	251.5	255.7	259.2	262.1
77.5°	275.7	287.7	298.9	309.4	319.0	327.7	335.6	342.6	348.7	353.9	358.1
75°	355.5	370.6	386.1	400.5	413.7	425.8	436.7	446.3	454.8	461.9	467.8
72.5°	445.0	464.4	482.7	500.1	516.1	530.7	543.9	555.6	565.8	574.5	581.6
70°	537.2	560.2	581.7	601.3	618.6	634.4	648.7	661.3	672.4	681.8	689.5
67.5°	627.8	652.3	675.2	696.5	716.5	735.0	751.7	766.6	779.5	790.5	799.6
65°	714.7	743.0	769.4	794.0	816.6	833.5	848.7	862.3	874.1	884.2	892.5
62.5°	803.4	831.1	855.0	877.2	897.7	915.8	931.5	945.4	957.5	967.9	976.4
60°	877.2	905.2	929.5	952.1	973.0	992.0	1006.4	1019.3	1030.5	1040.0	1047.9
57.5°	944.8	973.0	998.2	1018.8	1037.8	1055.3	1071.1	1085.2	1097.6	1108.1	1116.8
55°	1006.4	1031.9	1055.9	1078.4	1099.2	1118.2	1135.7	1151.9	1166.1	1178.2	1188.2
52.5°	1059.5	1087.1	1113.1	1137.7	1161.4	1183.2	1203.0	1223.5	1241.9	1257.7	1270.7
50°	1111.8	1142.0	1171.5	1199.1	1228.4	1256.5	1282.1	1308.5	1335.0	1357.7	1376.4
47.5°	1164.9	1198.4	1234.6	1270.1	1306.0	1346.1	1382.7	1418.0	1460.8	1497.5	1527.8
45°	1220.1	1262.8	1306.2	1356.5	1403.4	1464.5	1523.3	1576.0	1641.2	1699.7	1748.1
42.5°	1281.9	1338.1	1395.3	1468.2	1543.1	1626.4	1719.5	1803.3	1903.2	2006.5	2092.1
40°	1357.5	1427.1	1517.7	1613.3	1731.2	1844.0	2007.1	2154.2	2311.4	2505.0	2665.8
37.5°	1446.8	1547.9	1673.4	1807.8	1995.9	2187.1	2446.8	2721.1	2969.8	3343.2	3654.2
35°	1558.0	1703.9	1866.3	2099.3	2371.1	2725.2	3124.8	3651.4	4119.7	4759.3	5357.4
32.5°	1703.9	1891.8	2151.6	2510.1	2915.1	3556.7	4180.7	5154.7	6050.9	7073.4	8143.7
30°	1866.3	2151.6	2556.9	3053.4	3821.0	4790.6	5975.5	7450.3	9044.6	10498.2	11888.7
27.5°	2099.3	2510.1	3053.4	3910.0	5115.8	6499.0	8587.8	10584.1	12640.9	14445.0	16020.7
25°	2371.1	2915.1	3821.0	5115.8	6777.9	9167.6	11656.8	14122.4	16422.3	18461.7	20237.8
22.5°	2725.2	3556.7	4790.6	6499.0	9167.6	12019.5	14894.9	17648.8	20204.8	22516.7	24505.2
20°	3124.8	4180.7	5975.5	8587.8	11656.8	14894.9	18064.7	21110.0	23945.2	26511.8	28695.9
17.5°	3651.4	5154.7	7450.3	10584.1	14122.4	17648.8	21110.0	24435.8	27552.0	30219.9	32502.2
15°	4119.7	6050.9	9044.6	12640.9	16422.3	20204.8	23945.2	27552.0	30742.6	33461.5	35598.6
12.5°	4759.3	7073.4	10498.2	14445.0	18461.7	22516.7	26511.8	30219.9	33461.5	36117.7	37911.0
10°	5357.4	8143.7	11888.7	16020.7	20237.8	24505.2	28695.9	32502.2	35598.6	37911.0	39558.3
7.5°	5830.4	8992.6	12995.4	17280.3	21678.3	26123.0	30368.5	34101.7	37089.0	39247.8	40696.3
5°	6172.8	9608.3	13800.2	18199.5	22734.1	27315.8	31611.1	35286.1	38085.9	40021.9	41051.5
2.5°	6380.0	9981.5	14289.0	18759.2	23379.1	28047.5	32377.8	36022.9	38713.6	40518.4	41286.1
0°	6449.4	10106.6	14453.0	18947.2	23596.1	28294.2	32637.2	36273.3	38928.3	40690.1	41368.8
-2.5°	6380.0	9981.5	14289.0	18759.2	23379.1	28047.5	32377.8	36022.9	38713.6	40518.4	41286.1
-5°	6172.8	9608.3	13800.2	18199.5	22734.1	27315.8	31611.1	35286.1	38085.9	40021.9	41051.5
-7.5°	5830.4	8992.6	12995.4	17280.3	21678.3	26123.0	30368.5	34101.7	37089.0	39247.8	40696.3
-10°	5357.4	8143.7	11888.7	16020.7	20237.8	24505.2	28695.9	32502.2	35598.6	37911.0	39558.3
-12.5°	4759.3	7073.4	10498.2	14445.0	18461.7	22516.7	26511.8	30219.9	33461.5	36117.7	37911.0
-15°	4119.7	6050.9	9044.6	12640.9	16422.3	20204.8	23945.2	27552.0	30742.6	33461.5	35598.6
-17.5°	3651.4	5154.7	7450.3	10584.1	14122.4	17648.8	21110.0	24435.8	27552.0	30219.9	32502.2
-20°	3124.8	4180.7	5975.5	8587.8	11656.8	14894.9	18064.7	21110.0	23945.2	26511.8	28695.9



REPORT NUMBER: P624780 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-55

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2725.2	3556.7	4790.6	6499.0	9167.6	12019.5	14894.9	17648.8	20204.8	22516.7	24505.2
-25°	2371.1	2915.1	3821.0	5115.8	6777.9	9167.6	11656.8	14122.4	16422.3	18461.7	20237.8
-27.5°	2099.3	2510.1	3053.4	3910.0	5115.8	6499.0	8587.8	10584.1	12640.9	14445.0	16020.7
-30°	1866.3	2151.6	2556.9	3053.4	3821.0	4790.6	5975.5	7450.3	9044.6	10498.2	11888.7
-32.5°	1703.9	1891.8	2151.6	2510.1	2915.1	3556.7	4180.7	5154.7	6050.9	7073.4	8143.7
-35°	1558.0	1703.9	1866.3	2099.3	2371.1	2725.2	3124.8	3651.4	4119.7	4759.3	5357.4
-37.5°	1446.8	1547.9	1673.4	1807.8	1995.9	2187.1	2446.8	2721.1	2969.8	3343.2	3654.2
-40°	1357.5	1427.1	1517.7	1613.3	1731.2	1844.0	2007.1	2154.2	2311.4	2505.0	2665.8
-42.5°	1281.9	1338.1	1395.3	1468.2	1543.1	1626.4	1719.5	1803.3	1903.2	2006.5	2092.1
-45°	1220.1	1262.8	1306.2	1356.5	1403.4	1464.5	1523.3	1576.0	1641.2	1699.7	1748.1
-47.5°	1164.9	1198.4	1234.6	1270.1	1306.0	1346.1	1382.7	1418.0	1460.8	1497.5	1527.8
-50°	1111.8	1142.0	1171.5	1199.1	1228.4	1256.5	1282.1	1308.5	1335.0	1357.7	1376.4
-52.5°	1059.5	1087.1	1113.1	1137.7	1161.4	1183.2	1203.0	1223.5	1241.9	1257.7	1270.7
-55°	1006.4	1031.9	1055.9	1078.4	1099.2	1118.2	1135.7	1151.9	1166.1	1178.2	1188.2
-57.5°	944.8	973.0	998.2	1018.8	1037.8	1055.3	1071.1	1085.2	1097.6	1108.1	1116.8
-60°	877.2	905.2	929.5	952.1	973.0	992.0	1006.4	1019.3	1030.5	1040.0	1047.9
-62.5°	803.4	831.1	855.0	877.2	897.7	915.8	931.5	945.4	957.5	967.9	976.4
-65°	714.7	743.0	769.4	794.0	816.6	833.5	848.7	862.3	874.1	884.2	892.5
-67.5°	627.8	652.3	675.2	696.5	716.5	735.0	751.7	766.6	779.5	790.5	799.6
-70°	537.2	560.2	581.7	601.3	618.6	634.4	648.7	661.3	672.4	681.8	689.5
-72.5°	445.0	464.4	482.7	500.1	516.1	530.7	543.9	555.6	565.8	574.5	581.6
-75°	355.5	370.6	386.1	400.5	413.7	425.8	436.7	446.3	454.8	461.9	467.8
-77.5°	275.7	287.7	298.9	309.4	319.0	327.7	335.6	342.6	348.7	353.9	358.1
-80°	205.8	214.0	221.7	228.8	235.4	241.4	246.7	251.5	255.7	259.2	262.1
-82.5°	144.5	149.7	154.5	158.9	163.0	166.7	170.1	173.1	175.7	177.9	179.7
-85°	88.3	91.5	94.6	97.4	100.0	102.3	104.4	106.3	107.9	109.3	110.5
-87.5°	37.4	38.5	39.6	40.5	41.4	42.2	42.9	43.6	44.1	44.6	45.0
-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: P624780 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-55

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°	45.3	45.5	45.7	45.7	45.7	45.5	45.3	45.0	44.6	44.1	43.6
85°	111.4	112.0	112.4	112.5	112.4	112.0	111.4	110.5	109.3	107.9	106.3
82.5°	181.1	182.1	182.7	182.9	182.7	182.1	181.1	179.7	177.9	175.7	173.1
80°	264.4	266.0	267.0	267.3	267.0	266.0	264.4	262.1	259.2	255.7	251.5
77.5°	361.4	363.8	365.2	365.7	365.2	363.8	361.4	358.1	353.9	348.7	342.6
75°	472.4	475.7	477.6	478.3	477.6	475.7	472.4	467.8	461.9	454.8	446.3
72.5°	587.1	591.1	593.5	594.3	593.5	591.1	587.1	581.6	574.5	565.8	555.6
70°	695.5	699.8	702.4	703.3	702.4	699.8	695.5	689.5	681.8	672.4	661.3
67.5°	806.7	811.7	814.8	815.8	814.8	811.7	806.7	799.6	790.5	779.5	766.6
65°	898.9	903.6	906.4	907.3	906.4	903.6	898.9	892.5	884.2	874.1	862.3
62.5°	983.1	987.9	990.7	991.7	990.7	987.9	983.1	976.4	967.9	957.5	945.4
60°	1054.1	1058.5	1061.1	1062.0	1061.1	1058.5	1054.1	1047.9	1040.0	1030.5	1019.3
57.5°	1123.5	1128.4	1131.3	1132.3	1131.3	1128.4	1123.5	1116.8	1108.1	1097.6	1085.2
55°	1196.1	1201.7	1205.1	1206.2	1205.1	1201.7	1196.1	1188.2	1178.2	1166.1	1151.9
52.5°	1280.9	1288.2	1292.6	1294.1	1292.6	1288.2	1280.9	1270.7	1257.7	1241.9	1223.5
50°	1391.1	1401.6	1408.0	1410.1	1408.0	1401.6	1391.1	1376.4	1357.7	1335.0	1308.5
47.5°	1551.6	1568.7	1579.1	1582.5	1579.1	1568.7	1551.6	1527.8	1497.5	1460.8	1418.0
45°	1786.2	1813.6	1830.1	1835.6	1830.1	1813.6	1786.2	1748.1	1699.7	1641.2	1576.0
42.5°	2159.5	2208.0	2237.3	2247.1	2237.3	2208.0	2159.5	2092.1	2006.5	1903.2	1803.3
40°	2792.4	2883.8	2938.9	2957.4	2938.9	2883.8	2792.4	2665.8	2505.0	2311.4	2154.2
37.5°	3899.6	4076.9	4184.0	4219.9	4184.0	4076.9	3899.6	3654.2	3343.2	2969.8	2721.1
35°	5830.4	6172.8	6380.0	6449.4	6380.0	6172.8	5830.4	5357.4	4759.3	4119.7	3651.4
32.5°	8992.6	9608.3	9981.5	10106.6	9981.5	9608.3	8992.6	8143.7	7073.4	6050.9	5154.7
30°	12995.4	13800.2	14289.0	14453.0	14289.0	13800.2	12995.4	11888.7	10498.2	9044.6	7450.3
27.5°	17280.3	18199.5	18759.2	18947.2	18759.2	18199.5	17280.3	16020.7	14445.0	12640.9	10584.1
25°	21678.3	22734.1	23379.1	23596.1	23379.1	22734.1	21678.3	20237.8	18461.7	16422.3	14122.4
22.5°	26123.0	27315.8	28047.5	28294.2	28047.5	27315.8	26123.0	24505.2	22516.7	20204.8	17648.8
20°	30368.5	31611.1	32377.8	32637.2	32377.8	31611.1	30368.5	28695.9	26511.8	23945.2	21110.0
17.5°	34101.7	35286.1	36022.9	36273.3	36022.9	35286.1	34101.7	32502.2	30219.9	27552.0	24435.8
15°	37089.0	38085.9	38713.6	38928.3	38713.6	38085.9	37089.0	35598.6	33461.5	30742.6	27552.0
12.5°	39247.8	40021.9	40518.4	40690.1	40518.4	40021.9	39247.8	37911.0	36117.7	33461.5	30219.9
10°	40696.3	41051.5	41286.1	41368.8	41286.1	41051.5	40696.3	39558.3	37911.0	35598.6	32502.2
7.5°	41208.2	41297.5	41218.4	41189.4	41218.4	41297.5	41208.2	40696.3	39247.8	37089.0	34101.7
5°	41297.5	41078.4	40700.1	40549.4	40700.1	41078.4	41297.5	41051.5	40021.9	38085.9	35286.1
2.5°	41218.4	40700.1	40215.5	39979.7	40215.5	40700.1	41218.4	41286.1	40518.4	38713.6	36022.9
0°	41189.4	40549.4	39979.7	39698.4	39979.7	40549.4	41189.4	41368.8	40690.1	38928.3	36273.3
-2.5°	41218.4	40700.1	40215.5	39979.7	40215.5	40700.1	41218.4	41286.1	40518.4	38713.6	36022.9
-5°	41297.5	41078.4	40700.1	40549.4	40700.1	41078.4	41297.5	41051.5	40021.9	38085.9	35286.1
-7.5°	41208.2	41297.5	41218.4	41189.4	41218.4	41297.5	41208.2	40696.3	39247.8	37089.0	34101.7
-10°	40696.3	41051.5	41286.1	41368.8	41286.1	41051.5	40696.3	39558.3	37911.0	35598.6	32502.2
-12.5°	39247.8	40021.9	40518.4	40690.1	40518.4	40021.9	39247.8	37911.0	36117.7	33461.5	30219.9
-15°	37089.0	38085.9	38713.6	38928.3	38713.6	38085.9	37089.0	35598.6	33461.5	30742.6	27552.0
-17.5°	34101.7	35286.1	36022.9	36273.3	36022.9	35286.1	34101.7	32502.2	30219.9	27552.0	24435.8
-20°	30368.5	31611.1	32377.8	32637.2	32377.8	31611.1	30368.5	28695.9	26511.8	23945.2	21110.0



REPORT NUMBER: P624780 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-55

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	26123.0	27315.8	28047.5	28294.2	28047.5	27315.8	26123.0	24505.2	22516.7	20204.8	17648.8
-25°	21678.3	22734.1	23379.1	23596.1	23379.1	22734.1	21678.3	20237.8	18461.7	16422.3	14122.4
-27.5°	17280.3	18199.5	18759.2	18947.2	18759.2	18199.5	17280.3	16020.7	14445.0	12640.9	10584.1
-30°	12995.4	13800.2	14289.0	14453.0	14289.0	13800.2	12995.4	11888.7	10498.2	9044.6	7450.3
-32.5°	8992.6	9608.3	9981.5	10106.6	9981.5	9608.3	8992.6	8143.7	7073.4	6050.9	5154.7
-35°	5830.4	6172.8	6380.0	6449.4	6380.0	6172.8	5830.4	5357.4	4759.3	4119.7	3651.4
-37.5°	3899.6	4076.9	4184.0	4219.9	4184.0	4076.9	3899.6	3654.2	3343.2	2969.8	2721.1
-40°	2792.4	2883.8	2938.9	2957.4	2938.9	2883.8	2792.4	2665.8	2505.0	2311.4	2154.2
-42.5°	2159.5	2208.0	2237.3	2247.1	2237.3	2208.0	2159.5	2092.1	2006.5	1903.2	1803.3
-45°	1786.2	1813.6	1830.1	1835.6	1830.1	1813.6	1786.2	1748.1	1699.7	1641.2	1576.0
-47.5°	1551.6	1568.7	1579.1	1582.5	1579.1	1568.7	1551.6	1527.8	1497.5	1460.8	1418.0
-50°	1391.1	1401.6	1408.0	1410.1	1408.0	1401.6	1391.1	1376.4	1357.7	1335.0	1308.5
-52.5°	1280.9	1288.2	1292.6	1294.1	1292.6	1288.2	1280.9	1270.7	1257.7	1241.9	1223.5
-55°	1196.1	1201.7	1205.1	1206.2	1205.1	1201.7	1196.1	1188.2	1178.2	1166.1	1151.9
-57.5°	1123.5	1128.4	1131.3	1132.3	1131.3	1128.4	1123.5	1116.8	1108.1	1097.6	1085.2
-60°	1054.1	1058.5	1061.1	1062.0	1061.1	1058.5	1054.1	1047.9	1040.0	1030.5	1019.3
-62.5°	983.1	987.9	990.7	991.7	990.7	987.9	983.1	976.4	967.9	957.5	945.4
-65°	898.9	903.6	906.4	907.3	906.4	903.6	898.9	892.5	884.2	874.1	862.3
-67.5°	806.7	811.7	814.8	815.8	814.8	811.7	806.7	799.6	790.5	779.5	766.6
-70°	695.5	699.8	702.4	703.3	702.4	699.8	695.5	689.5	681.8	672.4	661.3
-72.5°	587.1	591.1	593.5	594.3	593.5	591.1	587.1	581.6	574.5	565.8	555.6
-75°	472.4	475.7	477.6	478.3	477.6	475.7	472.4	467.8	461.9	454.8	446.3
-77.5°	361.4	363.8	365.2	365.7	365.2	363.8	361.4	358.1	353.9	348.7	342.6
-80°	264.4	266.0	267.0	267.3	267.0	266.0	264.4	262.1	259.2	255.7	251.5
-82.5°	181.1	182.1	182.7	182.9	182.7	182.1	181.1	179.7	177.9	175.7	173.1
-85°	111.4	112.0	112.4	112.5	112.4	112.0	111.4	110.5	109.3	107.9	106.3
-87.5°	45.3	45.5	45.7	45.7	45.7	45.5	45.3	45.0	44.6	44.1	43.6
-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: P624780 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-55

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°	42.9	42.2	41.4	40.5	39.6	38.5	37.4	36.3	35.0	33.7	32.3
85°	104.4	102.3	100.0	97.4	94.6	91.5	88.3	84.8	81.2	77.3	73.3
82.5°	170.1	166.7	163.0	158.9	154.5	149.7	144.5	139.1	133.3	127.2	120.8
80°	246.7	241.4	235.4	228.8	221.7	214.0	205.8	197.0	187.8	178.8	170.3
77.5°	335.6	327.7	319.0	309.4	298.9	287.7	275.7	263.5	251.9	239.7	226.9
75°	436.7	425.8	413.7	400.5	386.1	370.6	355.5	340.1	323.8	306.7	288.8
72.5°	543.9	530.7	516.1	500.1	482.7	464.4	445.0	424.3	402.5	379.6	356.9
70°	648.7	634.4	618.6	601.3	581.7	560.2	537.2	512.8	487.1	460.5	433.1
67.5°	751.7	735.0	716.5	696.5	675.2	652.3	627.8	601.9	573.3	542.7	510.8
65°	848.7	833.5	816.6	794.0	769.4	743.0	714.7	685.4	654.9	622.9	589.1
62.5°	931.5	915.8	897.7	877.2	855.0	831.1	803.4	770.3	735.5	699.1	662.2
60°	1006.4	992.0	973.0	952.1	929.5	905.2	877.2	847.7	816.6	776.7	735.0
57.5°	1071.1	1055.3	1037.8	1018.8	998.2	973.0	944.8	915.1	881.9	846.4	808.1
55°	1135.7	1118.2	1099.2	1078.4	1055.9	1031.9	1006.4	977.1	943.2	907.9	868.0
52.5°	1203.0	1183.2	1161.4	1137.7	1113.1	1087.1	1059.5	1030.5	1000.0	963.6	924.1
50°	1282.1	1256.5	1228.4	1199.1	1171.5	1142.0	1111.8	1080.6	1047.9	1013.9	976.0
47.5°	1382.7	1346.1	1306.0	1270.1	1234.6	1198.4	1164.9	1129.8	1094.8	1058.5	1020.8
45°	1523.3	1464.5	1403.4	1356.5	1306.2	1262.8	1220.1	1180.3	1141.1	1102.0	1062.0
42.5°	1719.5	1626.4	1543.1	1468.2	1395.3	1338.1	1281.9	1234.2	1188.1	1144.9	1102.0
40°	2007.1	1844.0	1731.2	1613.3	1517.7	1427.1	1357.5	1291.5	1239.0	1188.1	1141.1
37.5°	2446.8	2187.1	1995.9	1807.8	1673.4	1547.9	1446.8	1364.0	1291.5	1234.2	1180.3
35°	3124.8	2725.2	2371.1	2099.3	1866.3	1703.9	1558.0	1446.8	1357.5	1281.9	1220.1
32.5°	4180.7	3556.7	2915.1	2510.1	2151.6	1891.8	1703.9	1547.9	1427.1	1338.1	1262.8
30°	5975.5	4790.6	3821.0	3053.4	2556.9	2151.6	1866.3	1673.4	1517.7	1395.3	1306.2
27.5°	8587.8	6499.0	5115.8	3910.0	3053.4	2510.1	2099.3	1807.8	1613.3	1468.2	1356.5
25°	11656.8	9167.6	6777.9	5115.8	3821.0	2915.1	2371.1	1995.9	1731.2	1543.1	1403.4
22.5°	14894.9	12019.5	9167.6	6499.0	4790.6	3556.7	2725.2	2187.1	1844.0	1626.4	1464.5
20°	18064.7	14894.9	11656.8	8587.8	5975.5	4180.7	3124.8	2446.8	2007.1	1719.5	1523.3
17.5°	21110.0	17648.8	14122.4	10584.1	7450.3	5154.7	3651.4	2721.1	2154.2	1803.3	1576.0
15°	23945.2	20204.8	16422.3	12640.9	9044.6	6050.9	4119.7	2969.8	2311.4	1903.2	1641.2
12.5°	26511.8	22516.7	18461.7	14445.0	10498.2	7073.4	4759.3	3343.2	2505.0	2006.5	1699.7
10°	28695.9	24505.2	20237.8	16020.7	11888.7	8143.7	5357.4	3654.2	2665.8	2092.1	1748.1
7.5°	30368.5	26123.0	21678.3	17280.3	12995.4	8992.6	5830.4	3899.6	2792.4	2159.5	1786.2
5°	31611.1	27315.8	22734.1	18199.5	13800.2	9608.3	6172.8	4076.9	2883.8	2208.0	1813.6
2.5°	32377.8	28047.5	23379.1	18759.2	14289.0	9981.5	6380.0	4184.0	2938.9	2237.3	1830.1
0°	32637.2	28294.2	23596.1	18947.2	14453.0	10106.6	6449.4	4219.9	2957.4	2247.1	1835.6
-2.5°	32377.8	28047.5	23379.1	18759.2	14289.0	9981.5	6380.0	4184.0	2938.9	2237.3	1830.1
-5°	31611.1	27315.8	22734.1	18199.5	13800.2	9608.3	6172.8	4076.9	2883.8	2208.0	1813.6
-7.5°	30368.5	26123.0	21678.3	17280.3	12995.4	8992.6	5830.4	3899.6	2792.4	2159.5	1786.2
-10°	28695.9	24505.2	20237.8	16020.7	11888.7	8143.7	5357.4	3654.2	2665.8	2092.1	1748.1
-12.5°	26511.8	22516.7	18461.7	14445.0	10498.2	7073.4	4759.3	3343.2	2505.0	2006.5	1699.7
-15°	23945.2	20204.8	16422.3	12640.9	9044.6	6050.9	4119.7	2969.8	2311.4	1903.2	1641.2
-17.5°	21110.0	17648.8	14122.4	10584.1	7450.3	5154.7	3651.4	2721.1	2154.2	1803.3	1576.0
-20°	18064.7	14894.9	11656.8	8587.8	5975.5	4180.7	3124.8	2446.8	2007.1	1719.5	1523.3



REPORT NUMBER: P624780 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-55

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	14894.9	12019.5	9167.6	6499.0	4790.6	3556.7	2725.2	2187.1	1844.0	1626.4	1464.5
-25°	11656.8	9167.6	6777.9	5115.8	3821.0	2915.1	2371.1	1995.9	1731.2	1543.1	1403.4
-27.5°	8587.8	6499.0	5115.8	3910.0	3053.4	2510.1	2099.3	1807.8	1613.3	1468.2	1356.5
-30°	5975.5	4790.6	3821.0	3053.4	2556.9	2151.6	1866.3	1673.4	1517.7	1395.3	1306.2
-32.5°	4180.7	3556.7	2915.1	2510.1	2151.6	1891.8	1703.9	1547.9	1427.1	1338.1	1262.8
-35°	3124.8	2725.2	2371.1	2099.3	1866.3	1703.9	1558.0	1446.8	1357.5	1281.9	1220.1
-37.5°	2446.8	2187.1	1995.9	1807.8	1673.4	1547.9	1446.8	1364.0	1291.5	1234.2	1180.3
-40°	2007.1	1844.0	1731.2	1613.3	1517.7	1427.1	1357.5	1291.5	1239.0	1188.1	1141.1
-42.5°	1719.5	1626.4	1543.1	1468.2	1395.3	1338.1	1281.9	1234.2	1188.1	1144.9	1102.0
-45°	1523.3	1464.5	1403.4	1356.5	1306.2	1262.8	1220.1	1180.3	1141.1	1102.0	1062.0
-47.5°	1382.7	1346.1	1306.0	1270.1	1234.6	1198.4	1164.9	1129.8	1094.8	1058.5	1020.8
-50°	1282.1	1256.5	1228.4	1199.1	1171.5	1142.0	1111.8	1080.6	1047.9	1013.9	976.0
-52.5°	1203.0	1183.2	1161.4	1137.7	1113.1	1087.1	1059.5	1030.5	1000.0	963.6	924.1
-55°	1135.7	1118.2	1099.2	1078.4	1055.9	1031.9	1006.4	977.1	943.2	907.9	868.0
-57.5°	1071.1	1055.3	1037.8	1018.8	998.2	973.0	944.8	915.1	881.9	846.4	808.1
-60°	1006.4	992.0	973.0	952.1	929.5	905.2	877.2	847.7	816.6	776.7	735.0
-62.5°	931.5	915.8	897.7	877.2	855.0	831.1	803.4	770.3	735.5	699.1	662.2
-65°	848.7	833.5	816.6	794.0	769.4	743.0	714.7	685.4	654.9	622.9	589.1
-67.5°	751.7	735.0	716.5	696.5	675.2	652.3	627.8	601.9	573.3	542.7	510.8
-70°	648.7	634.4	618.6	601.3	581.7	560.2	537.2	512.8	487.1	460.5	433.1
-72.5°	543.9	530.7	516.1	500.1	482.7	464.4	445.0	424.3	402.5	379.6	356.9
-75°	436.7	425.8	413.7	400.5	386.1	370.6	355.5	340.1	323.8	306.7	288.8
-77.5°	335.6	327.7	319.0	309.4	298.9	287.7	275.7	263.5	251.9	239.7	226.9
-80°	246.7	241.4	235.4	228.8	221.7	214.0	205.8	197.0	187.8	178.8	170.3
-82.5°	170.1	166.7	163.0	158.9	154.5	149.7	144.5	139.1	133.3	127.2	120.8
-85°	104.4	102.3	100.0	97.4	94.6	91.5	88.3	84.8	81.2	77.3	73.3
-87.5°	42.9	42.2	41.4	40.5	39.6	38.5	37.4	36.3	35.0	33.7	32.3
-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: P624780 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-55

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°	30.9	29.4	27.8	26.2	24.5	22.8	21.1	19.3	17.5	15.6	13.7
85°	69.1	64.7	60.2	55.5	50.6	45.7	42.2	38.6	34.9	31.2	27.5
82.5°	114.2	107.5	100.7	93.6	86.4	78.9	71.2	63.4	55.4	47.3	41.1
80°	161.4	152.2	142.6	132.7	122.5	112.0	101.8	91.4	80.7	69.9	58.9
77.5°	213.6	199.7	185.3	172.5	159.8	146.6	133.2	119.5	105.9	92.3	78.6
75°	270.1	253.0	235.7	217.9	199.6	181.1	165.0	148.5	131.8	114.7	98.2
72.5°	335.1	312.4	288.9	265.0	243.6	221.6	199.1	177.3	157.8	137.9	117.8
70°	404.4	374.7	346.7	319.0	290.5	262.1	236.5	210.3	183.6	160.9	137.9
67.5°	477.5	444.1	409.5	373.8	340.7	307.9	274.3	243.9	214.0	183.6	157.8
65°	552.1	513.7	474.2	434.5	393.8	353.9	316.6	278.7	243.9	210.3	177.3
62.5°	623.8	583.4	539.8	494.9	449.7	403.9	358.2	316.6	274.3	236.5	199.1
60°	692.1	648.7	603.9	555.6	505.4	454.8	403.9	353.9	307.9	262.1	221.6
57.5°	761.1	712.5	663.7	613.9	560.9	505.4	449.7	393.8	340.7	290.5	243.6
55°	826.8	776.9	722.9	668.7	613.9	555.6	494.9	434.5	373.8	319.0	265.0
52.5°	881.1	835.4	782.1	722.9	663.7	603.9	539.8	474.2	409.5	346.7	288.9
50°	932.2	885.5	835.4	776.9	712.5	648.7	583.4	513.7	444.1	374.7	312.4
47.5°	980.1	932.2	881.1	826.8	761.1	692.1	623.8	552.1	477.5	404.4	335.1
45°	1020.8	976.0	924.1	868.0	808.1	735.0	662.2	589.1	510.8	433.1	356.9
42.5°	1058.5	1013.9	963.6	907.9	846.4	776.7	699.1	622.9	542.7	460.5	379.6
40°	1094.8	1047.9	1000.0	943.2	881.9	816.6	735.5	654.9	573.3	487.1	402.5
37.5°	1129.8	1080.6	1030.5	977.1	915.1	847.7	770.3	685.4	601.9	512.8	424.3
35°	1164.9	1111.8	1059.5	1006.4	944.8	877.2	803.4	714.7	627.8	537.2	445.0
32.5°	1198.4	1142.0	1087.1	1031.9	973.0	905.2	831.1	743.0	652.3	560.2	464.4
30°	1234.6	1171.5	1113.1	1055.9	998.2	929.5	855.0	769.4	675.2	581.7	482.7
27.5°	1270.1	1199.1	1137.7	1078.4	1018.8	952.1	877.2	794.0	696.5	601.3	500.1
25°	1306.0	1228.4	1161.4	1099.2	1037.8	973.0	897.7	816.6	716.5	618.6	516.1
22.5°	1346.1	1256.5	1183.2	1118.2	1055.3	992.0	915.8	833.5	735.0	634.4	530.7
20°	1382.7	1282.1	1203.0	1135.7	1071.1	1006.4	931.5	848.7	751.7	648.7	543.9
17.5°	1418.0	1308.5	1223.5	1151.9	1085.2	1019.3	945.4	862.3	766.6	661.3	555.6
15°	1460.8	1335.0	1241.9	1166.1	1097.6	1030.5	957.5	874.1	779.5	672.4	565.8
12.5°	1497.5	1357.7	1257.7	1178.2	1108.1	1040.0	967.9	884.2	790.5	681.8	574.5
10°	1527.8	1376.4	1270.7	1188.2	1116.8	1047.9	976.4	892.5	799.6	689.5	581.6
7.5°	1551.6	1391.1	1280.9	1196.1	1123.5	1054.1	983.1	898.9	806.7	695.5	587.1
5°	1568.7	1401.6	1288.2	1201.7	1128.4	1058.5	987.9	903.6	811.7	699.8	591.1
2.5°	1579.1	1408.0	1292.6	1205.1	1131.3	1061.1	990.7	906.4	814.8	702.4	593.5
0°	1582.5	1410.1	1294.1	1206.2	1132.3	1062.0	991.7	907.3	815.8	703.3	594.3
-2.5°	1579.1	1408.0	1292.6	1205.1	1131.3	1061.1	990.7	906.4	814.8	702.4	593.5
-5°	1568.7	1401.6	1288.2	1201.7	1128.4	1058.5	987.9	903.6	811.7	699.8	591.1
-7.5°	1551.6	1391.1	1280.9	1196.1	1123.5	1054.1	983.1	898.9	806.7	695.5	587.1
-10°	1527.8	1376.4	1270.7	1188.2	1116.8	1047.9	976.4	892.5	799.6	689.5	581.6
-12.5°	1497.5	1357.7	1257.7	1178.2	1108.1	1040.0	967.9	884.2	790.5	681.8	574.5
-15°	1460.8	1335.0	1241.9	1166.1	1097.6	1030.5	957.5	874.1	779.5	672.4	565.8
-17.5°	1418.0	1308.5	1223.5	1151.9	1085.2	1019.3	945.4	862.3	766.6	661.3	555.6
-20°	1382.7	1282.1	1203.0	1135.7	1071.1	1006.4	931.5	848.7	751.7	648.7	543.9



REPORT NUMBER: P624780 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-55

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1346.1	1256.5	1183.2	1118.2	1055.3	992.0	915.8	833.5	735.0	634.4	530.7
-25°	1306.0	1228.4	1161.4	1099.2	1037.8	973.0	897.7	816.6	716.5	618.6	516.1
-27.5°	1270.1	1199.1	1137.7	1078.4	1018.8	952.1	877.2	794.0	696.5	601.3	500.1
-30°	1234.6	1171.5	1113.1	1055.9	998.2	929.5	855.0	769.4	675.2	581.7	482.7
-32.5°	1198.4	1142.0	1087.1	1031.9	973.0	905.2	831.1	743.0	652.3	560.2	464.4
-35°	1164.9	1111.8	1059.5	1006.4	944.8	877.2	803.4	714.7	627.8	537.2	445.0
-37.5°	1129.8	1080.6	1030.5	977.1	915.1	847.7	770.3	685.4	601.9	512.8	424.3
-40°	1094.8	1047.9	1000.0	943.2	881.9	816.6	735.5	654.9	573.3	487.1	402.5
-42.5°	1058.5	1013.9	963.6	907.9	846.4	776.7	699.1	622.9	542.7	460.5	379.6
-45°	1020.8	976.0	924.1	868.0	808.1	735.0	662.2	589.1	510.8	433.1	356.9
-47.5°	980.1	932.2	881.1	826.8	761.1	692.1	623.8	552.1	477.5	404.4	335.1
-50°	932.2	885.5	835.4	776.9	712.5	648.7	583.4	513.7	444.1	374.7	312.4
-52.5°	881.1	835.4	782.1	722.9	663.7	603.9	539.8	474.2	409.5	346.7	288.9
-55°	826.8	776.9	722.9	668.7	613.9	555.6	494.9	434.5	373.8	319.0	265.0
-57.5°	761.1	712.5	663.7	613.9	560.9	505.4	449.7	393.8	340.7	290.5	243.6
-60°	692.1	648.7	603.9	555.6	505.4	454.8	403.9	353.9	307.9	262.1	221.6
-62.5°	623.8	583.4	539.8	494.9	449.7	403.9	358.2	316.6	274.3	236.5	199.1
-65°	552.1	513.7	474.2	434.5	393.8	353.9	316.6	278.7	243.9	210.3	177.3
-67.5°	477.5	444.1	409.5	373.8	340.7	307.9	274.3	243.9	214.0	183.6	157.8
-70°	404.4	374.7	346.7	319.0	290.5	262.1	236.5	210.3	183.6	160.9	137.9
-72.5°	335.1	312.4	288.9	265.0	243.6	221.6	199.1	177.3	157.8	137.9	117.8
-75°	270.1	253.0	235.7	217.9	199.6	181.1	165.0	148.5	131.8	114.7	98.2
-77.5°	213.6	199.7	185.3	172.5	159.8	146.6	133.2	119.5	105.9	92.3	78.6
-80°	161.4	152.2	142.6	132.7	122.5	112.0	101.8	91.4	80.7	69.9	58.9
-82.5°	114.2	107.5	100.7	93.6	86.4	78.9	71.2	63.4	55.4	47.3	41.1
-85°	69.1	64.7	60.2	55.5	50.6	45.7	42.2	38.6	34.9	31.2	27.5
-87.5°	30.9	29.4	27.8	26.2	24.5	22.8	21.1	19.3	17.5	15.6	13.7
-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: P624780 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-55

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°	11.8	9.9	7.9	6.0	4.0	2.0	0.0
85°	23.6	19.8	15.9	11.9	8.0	4.0	0.0
82.5°	35.4	29.6	23.7	17.8	11.9	6.0	0.0
80°	47.7	39.4	31.6	23.7	15.9	7.9	0.0
77.5°	64.7	50.6	39.4	29.6	19.8	9.9	0.0
75°	81.5	64.7	47.7	35.4	23.6	11.8	0.0
72.5°	98.2	78.6	58.9	41.1	27.5	13.7	0.0
70°	114.7	92.3	69.9	47.3	31.2	15.6	0.0
67.5°	131.8	105.9	80.7	55.4	34.9	17.5	0.0
65°	148.5	119.5	91.4	63.4	38.6	19.3	0.0
62.5°	165.0	133.2	101.8	71.2	42.2	21.1	0.0
60°	181.1	146.6	112.0	78.9	45.7	22.8	0.0
57.5°	199.6	159.8	122.5	86.4	50.6	24.5	0.0
55°	217.9	172.5	132.7	93.6	55.5	26.2	0.0
52.5°	235.7	185.3	142.6	100.7	60.2	27.8	0.0
50°	253.0	199.7	152.2	107.5	64.7	29.4	0.0
47.5°	270.1	213.6	161.4	114.2	69.1	30.9	0.0
45°	288.8	226.9	170.3	120.8	73.3	32.3	0.0
42.5°	306.7	239.7	178.8	127.2	77.3	33.7	0.0
40°	323.8	251.9	187.8	133.3	81.2	35.0	0.0
37.5°	340.1	263.5	197.0	139.1	84.8	36.3	0.0
35°	355.5	275.7	205.8	144.5	88.3	37.4	0.0
32.5°	370.6	287.7	214.0	149.7	91.5	38.5	0.0
30°	386.1	298.9	221.7	154.5	94.6	39.6	0.0
27.5°	400.5	309.4	228.8	158.9	97.4	40.5	0.0
25°	413.7	319.0	235.4	163.0	100.0	41.4	0.0
22.5°	425.8	327.7	241.4	166.7	102.3	42.2	0.0
20°	436.7	335.6	246.7	170.1	104.4	42.9	0.0
17.5°	446.3	342.6	251.5	173.1	106.3	43.6	0.0
15°	454.8	348.7	255.7	175.7	107.9	44.1	0.0
12.5°	461.9	353.9	259.2	177.9	109.3	44.6	0.0
10°	467.8	358.1	262.1	179.7	110.5	45.0	0.0
7.5°	472.4	361.4	264.4	181.1	111.4	45.3	0.0
5°	475.7	363.8	266.0	182.1	112.0	45.5	0.0
2.5°	477.6	365.2	267.0	182.7	112.4	45.7	0.0
0°	478.3	365.7	267.3	182.9	112.5	45.7	0.0
-2.5°	477.6	365.2	267.0	182.7	112.4	45.7	0.0
-5°	475.7	363.8	266.0	182.1	112.0	45.5	0.0
-7.5°	472.4	361.4	264.4	181.1	111.4	45.3	0.0
-10°	467.8	358.1	262.1	179.7	110.5	45.0	0.0
-12.5°	461.9	353.9	259.2	177.9	109.3	44.6	0.0
-15°	454.8	348.7	255.7	175.7	107.9	44.1	0.0
-17.5°	446.3	342.6	251.5	173.1	106.3	43.6	0.0
-20°	436.7	335.6	246.7	170.1	104.4	42.9	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P624780 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-55

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	425.8	327.7	241.4	166.7	102.3	42.2	0.0
-25°	413.7	319.0	235.4	163.0	100.0	41.4	0.0
-27.5°	400.5	309.4	228.8	158.9	97.4	40.5	0.0
-30°	386.1	298.9	221.7	154.5	94.6	39.6	0.0
-32.5°	370.6	287.7	214.0	149.7	91.5	38.5	0.0
-35°	355.5	275.7	205.8	144.5	88.3	37.4	0.0
-37.5°	340.1	263.5	197.0	139.1	84.8	36.3	0.0
-40°	323.8	251.9	187.8	133.3	81.2	35.0	0.0
-42.5°	306.7	239.7	178.8	127.2	77.3	33.7	0.0
-45°	288.8	226.9	170.3	120.8	73.3	32.3	0.0
-47.5°	270.1	213.6	161.4	114.2	69.1	30.9	0.0
-50°	253.0	199.7	152.2	107.5	64.7	29.4	0.0
-52.5°	235.7	185.3	142.6	100.7	60.2	27.8	0.0
-55°	217.9	172.5	132.7	93.6	55.5	26.2	0.0
-57.5°	199.6	159.8	122.5	86.4	50.6	24.5	0.0
-60°	181.1	146.6	112.0	78.9	45.7	22.8	0.0
-62.5°	165.0	133.2	101.8	71.2	42.2	21.1	0.0
-65°	148.5	119.5	91.4	63.4	38.6	19.3	0.0
-67.5°	131.8	105.9	80.7	55.4	34.9	17.5	0.0
-70°	114.7	92.3	69.9	47.3	31.2	15.6	0.0
-72.5°	98.2	78.6	58.9	41.1	27.5	13.7	0.0
-75°	81.5	64.7	47.7	35.4	23.6	11.8	0.0
-77.5°	64.7	50.6	39.4	29.6	19.8	9.9	0.0
-80°	47.7	39.4	31.6	23.7	15.9	7.9	0.0
-82.5°	35.4	29.6	23.7	17.8	11.9	6.0	0.0
-85°	23.6	19.8	15.9	11.9	8.0	4.0	0.0
-87.5°	11.8	9.9	7.9	6.0	4.0	2.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)