

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: P624779 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-VN-06-E-PRO-5700K-44**

Issue Date: 11/8/2022

Test Information

Test Method: LM-79-08
 Report Number: P624779 (CONVERTED FROM TYPE C PHOTOMETRY)
 TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-765-8)
 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-44
 Description: EPHESUS LUMAVISION CCT TUNING FLOOD
 3000K AND TYPE 44 OPTICS
 Light Source: -
 Ballast/Driver: ELECTRONIC DRIVER

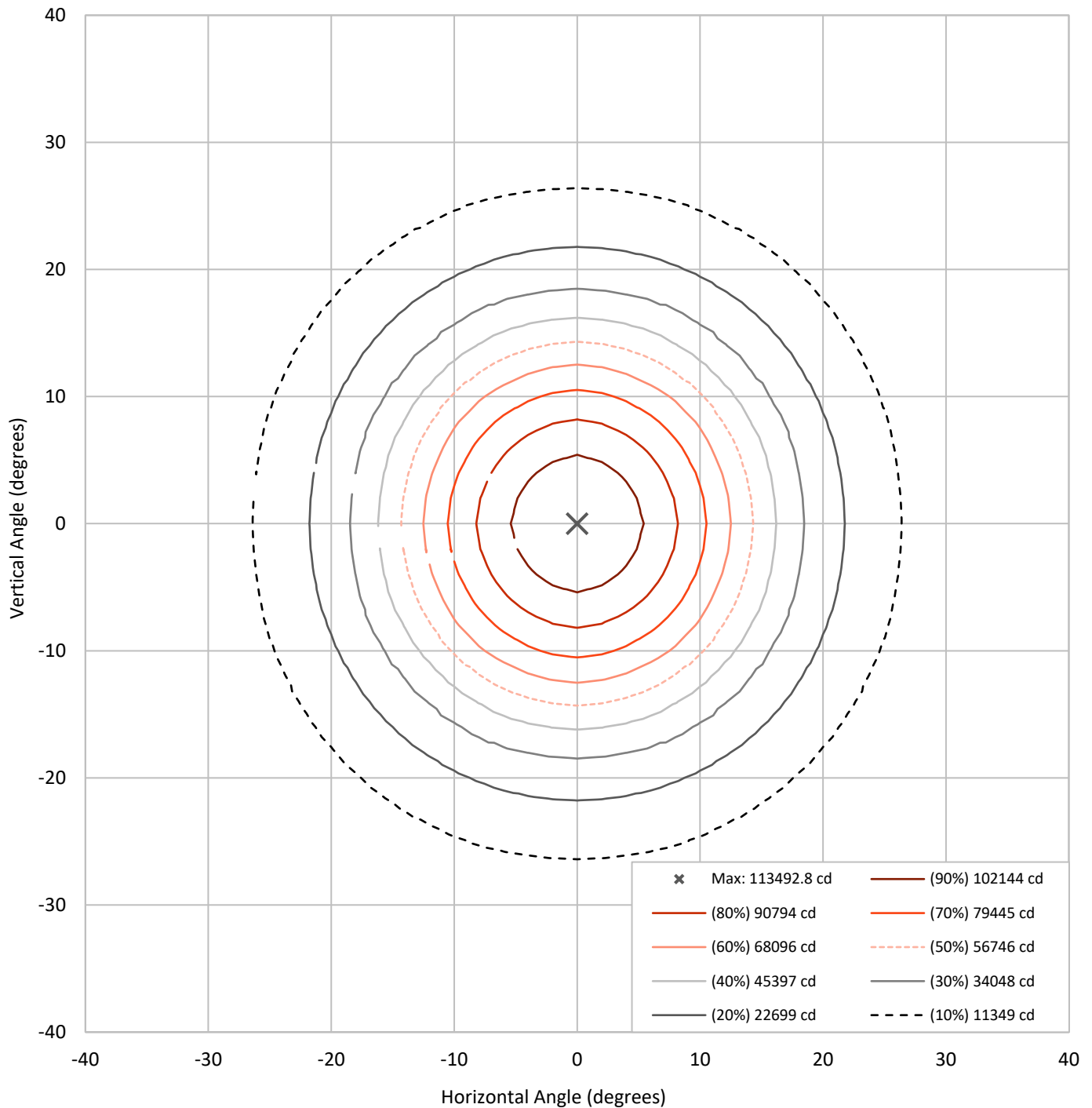
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	35092.5 lumens	Max Intensity:	113492.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	123.8 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	28.6°H x 28.6°V	Field Angle (10%):	52.7°H x 52.7°V
Beam Lumens:	16885.6 lumens	Field Lumens:	28510.3 lumens
Beam Efficiency:	48.1%	Field Efficiency:	81.2%
Input Watts (W):	283.5		
Input Voltage (V):	NR		
Input Current (A _{in}):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-44

Iso-Candela Plot





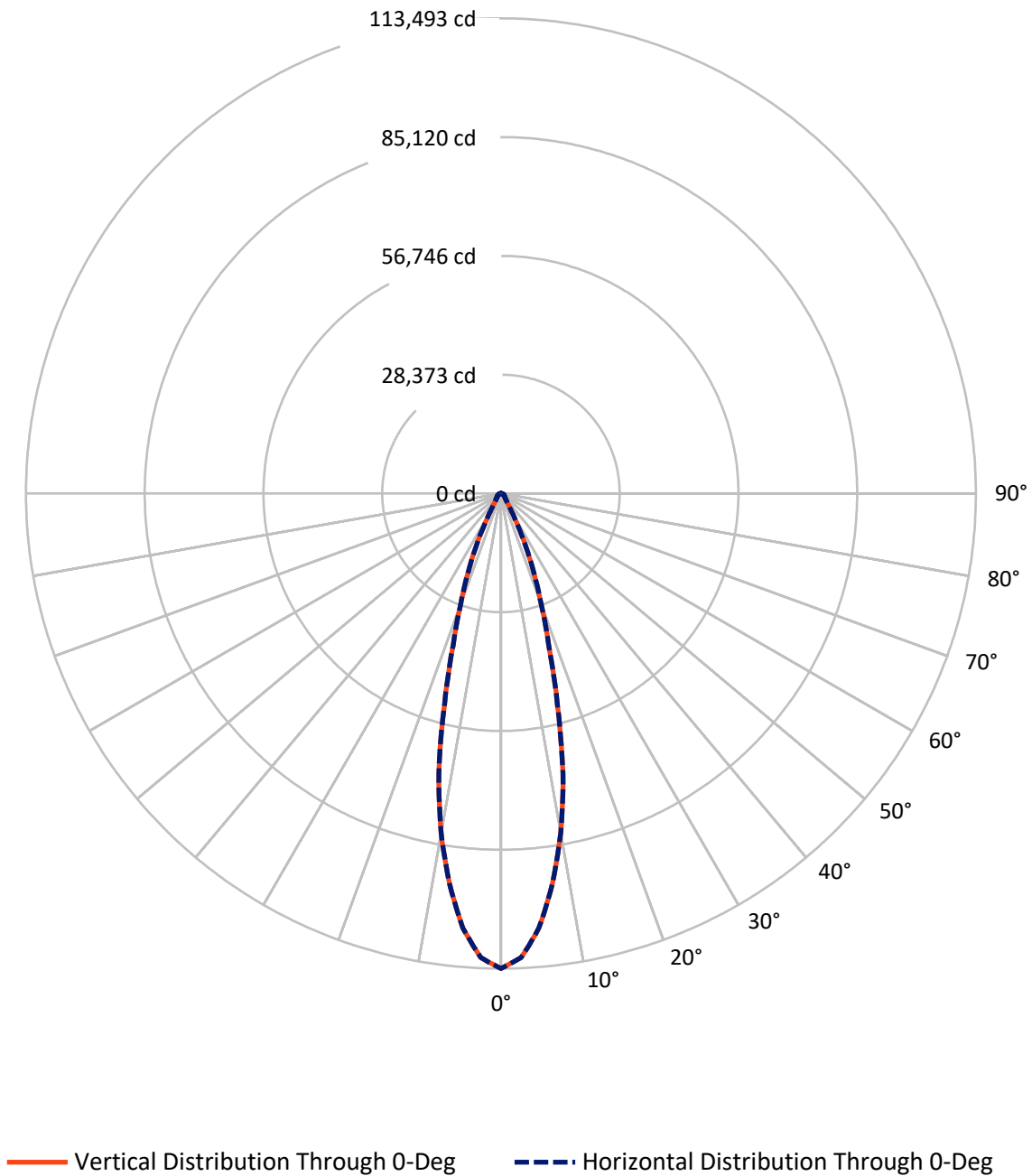
REPORT NUMBER: P624779 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90	0.8	6.0		15.1		24.1		27.8		24.1		15.1		6.0		0.8			
80	0.8	6.0		15.1		24.1		27.8		24.1		15.1		6.0		0.8			
70	2.7	2.9	5.8	9.6	13.5	17.0	19.6	21.0	21.0	19.6	17.0	13.5	9.6	5.8	2.9	2.7			
60		4.3	8.9	14.2	19.7	24.5	28.1	30.0	30.0	28.1	24.5	19.7	14.2	8.9	4.3				
50	4.7	5.8	11.6	18.3	25.1	31.9	38.0	41.9	41.9	38.0	31.9	25.1	18.3	11.6	5.8	4.7			
40		7.0	13.9	21.7	31.2	44.4	64.8	86.1	86.1	64.8	44.4	31.2	21.7	13.9	7.0				
30	6.1	8.0	15.6	25.0	40.2	84.2	230.9	418.2	418.2	230.9	84.2	40.2	25.0	15.6	8.0	6.1			
20		8.7	16.8	28.0	55.3	218.0	749.2	1445.8	1445.8	749.2	218.0	55.3	28.0	16.8	8.7				
10	6.7	9.0	17.4	29.9	71.5	383.9	1406.6	2773.5	2773.5	1406.6	383.9	71.5	29.9	17.4	9.0	6.7			
0		9.0	17.4	29.9	71.5	383.9	1406.6	2773.5	2773.5	1406.6	383.9	71.5	29.9	17.4	9.0				
-10	6.1	8.7	16.8	28.0	55.3	218.0	749.2	1445.8	1445.8	749.2	218.0	55.3	28.0	16.8	8.7	6.1			
-20		8.0	15.6	25.0	40.2	84.2	230.9	418.2	418.2	230.9	84.2	40.2	25.0	15.6	8.0				
-30	4.7	7.0	13.9	21.7	31.2	44.4	64.8	86.1	86.1	64.8	44.4	31.2	21.7	13.9	7.0	4.7			
-40		5.8	11.6	18.3	25.1	31.9	38.0	41.9	41.9	38.0	31.9	25.1	18.3	11.6	5.8				
-50	2.7	4.3	8.9	14.2	19.7	24.5	28.1	30.0	30.0	28.1	24.5	19.7	14.2	8.9	4.3	2.7			
-60		2.9	5.8	9.6	13.5	17.0	19.6	21.0	21.0	19.6	17.0	13.5	9.6	5.8	2.9				
-70	0.8	6.0		15.1		24.1		27.8		24.1		15.1		6.0		0.8			
-80		6.0		15.1		24.1		27.8		24.1		15.1		6.0					
-90	0.8	6.0		15.1		24.1		27.8		24.1		15.1		6.0		0.8			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

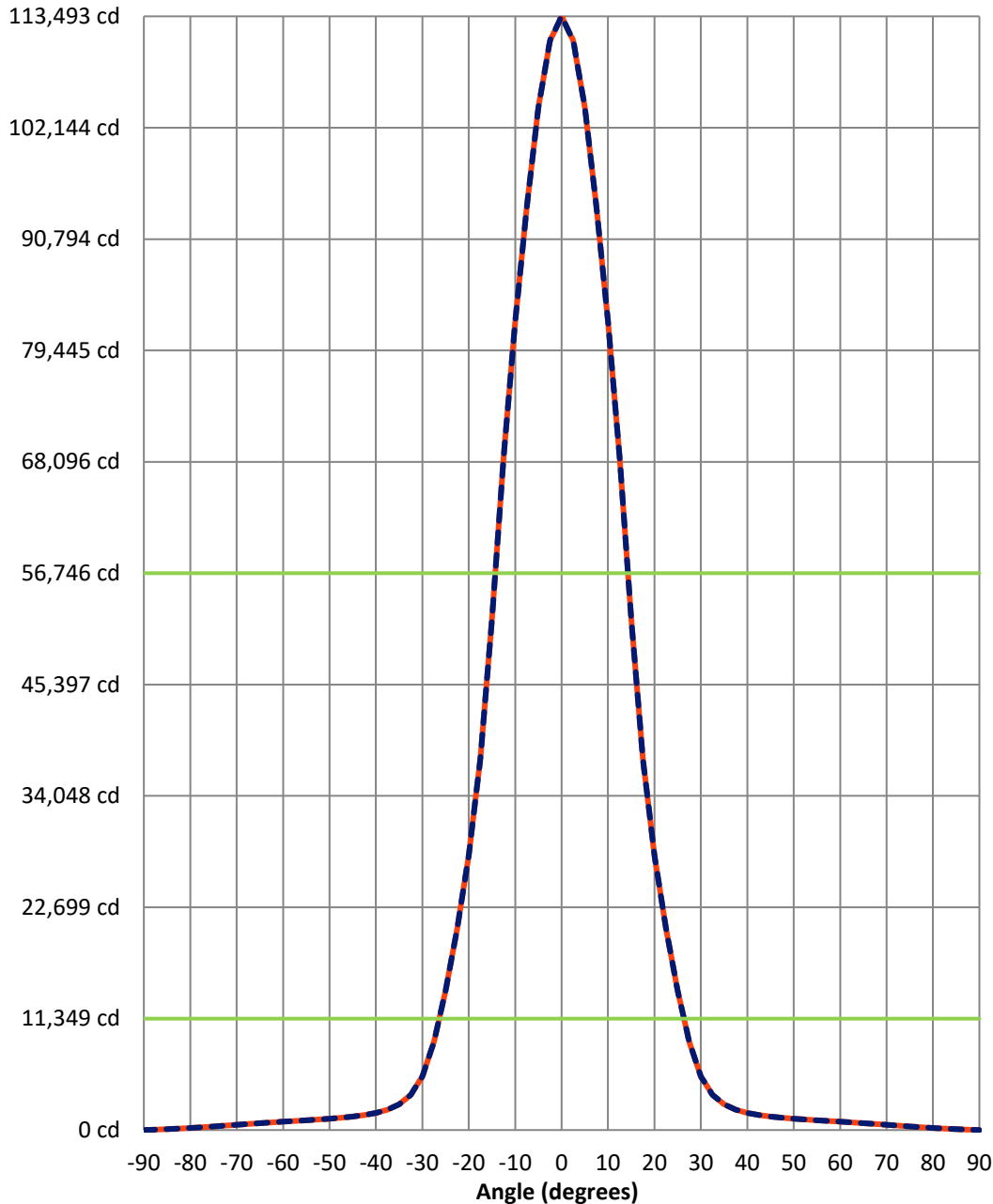
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.6°
 V Angle: 28.6°
 Lumens: 16885.6
 Efficiency: 48.1%

Field:
 H Angle: 52.7°
 V Angle: 52.7°
 Lumens: 28510.3
 Efficiency: 81.2%

Spill:
 Lumens: 6582.2
 Efficiency: 18.8%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.8	3.5	5.3	7.0	8.7	10.4	12.1	13.8	15.4	17.0
85°	0.0	3.5	7.0	10.5	14.0	17.4	20.8	24.2	27.5	30.8	34.0
82.5°	0.0	5.3	10.5	15.7	20.9	26.1	31.2	36.3	41.5	47.7	53.9
80°	0.0	7.0	14.0	20.9	27.9	34.7	41.9	50.4	58.8	67.1	75.3
77.5°	0.0	8.7	17.4	26.1	34.7	44.1	54.9	65.5	76.0	86.4	97.0
75°	0.0	10.4	20.8	31.2	41.9	54.9	67.8	80.5	93.2	106.5	119.6
72.5°	0.0	12.1	24.2	36.3	50.4	65.5	80.5	95.6	111.3	126.8	142.0
70°	0.0	13.8	27.5	41.5	58.8	76.0	93.2	111.3	129.2	146.9	166.6
67.5°	0.0	15.4	30.8	47.7	67.1	86.4	106.5	126.8	146.9	169.3	191.4
65°	0.0	17.0	34.0	53.9	75.3	97.0	119.6	142.0	166.6	191.4	217.0
62.5°	0.0	18.6	37.2	59.9	83.3	107.7	132.4	158.4	185.9	213.8	245.3
60°	0.0	20.1	40.3	65.7	91.1	118.1	145.0	174.9	204.8	238.8	273.0
57.5°	0.0	21.6	44.1	71.5	99.3	128.4	158.7	191.1	225.9	263.2	301.9
55°	0.0	23.1	47.8	77.0	107.2	138.3	172.2	206.9	247.1	287.6	331.0
52.5°	0.0	24.5	51.4	82.4	115.0	148.2	185.3	224.6	267.7	313.1	359.3
50°	0.0	25.9	54.9	87.7	122.4	158.8	198.1	242.1	288.2	337.8	389.1
47.5°	0.0	27.2	58.2	92.8	129.6	169.0	210.7	259.0	309.5	361.8	418.1
45°	0.0	28.5	61.5	98.0	136.6	178.8	224.6	275.3	330.0	386.9	446.2
42.5°	0.0	29.7	64.6	103.0	143.2	188.3	237.9	291.8	349.6	411.1	472.2
40°	0.0	30.9	67.5	107.7	150.0	197.3	250.6	308.1	368.9	434.2	496.9
37.5°	0.0	32.0	70.3	112.2	156.8	205.8	262.7	323.7	388.4	456.0	520.5
35°	0.0	33.0	72.9	116.5	163.3	214.8	274.2	338.5	406.9	476.0	542.9
32.5°	0.0	34.0	75.4	120.5	169.3	223.8	285.3	352.4	424.3	494.9	563.9
30°	0.0	34.9	77.8	124.2	175.0	232.1	296.4	365.6	440.6	512.6	583.7
27.5°	0.0	35.7	79.9	127.7	180.2	239.9	306.7	378.8	455.5	529.0	602.1
25°	0.0	36.5	81.9	130.9	185.1	247.0	316.1	390.9	468.9	544.2	619.0
22.5°	0.0	37.2	83.7	133.8	189.5	253.5	324.8	402.0	481.1	558.0	633.2
20°	0.0	37.9	85.3	136.4	193.5	259.4	332.6	411.9	492.1	570.5	646.1
17.5°	0.0	38.4	86.7	138.7	197.0	264.6	339.5	420.8	501.9	581.6	657.4
15°	0.0	38.9	88.0	140.8	200.0	269.1	345.5	428.5	510.4	591.3	667.4
12.5°	0.0	39.3	89.1	142.5	202.6	273.0	350.6	435.1	517.7	599.5	675.9
10°	0.0	39.7	89.9	143.9	204.8	276.2	354.8	440.5	523.6	606.3	682.8
7.5°	0.0	40.0	90.6	145.0	206.4	278.6	358.1	444.7	528.3	611.6	688.3
5°	0.0	40.1	91.1	145.8	207.6	280.4	360.4	447.7	531.6	615.4	692.2
2.5°	0.0	40.3	91.4	146.2	208.4	281.4	361.8	449.5	533.6	617.6	694.5
0°	0.0	40.3	91.5	146.4	208.6	281.8	362.3	450.1	534.3	618.4	695.3
-2.5°	0.0	40.3	91.4	146.2	208.4	281.4	361.8	449.5	533.6	617.6	694.5
-5°	0.0	40.1	91.1	145.8	207.6	280.4	360.4	447.7	531.6	615.4	692.2
-7.5°	0.0	40.0	90.6	145.0	206.4	278.6	358.1	444.7	528.3	611.6	688.3
-10°	0.0	39.7	89.9	143.9	204.8	276.2	354.8	440.5	523.6	606.3	682.8
-12.5°	0.0	39.3	89.1	142.5	202.6	273.0	350.6	435.1	517.7	599.5	675.9
-15°	0.0	38.9	88.0	140.8	200.0	269.1	345.5	428.5	510.4	591.3	667.4
-17.5°	0.0	38.4	86.7	138.7	197.0	264.6	339.5	420.8	501.9	581.6	657.4
-20°	0.0	37.9	85.3	136.4	193.5	259.4	332.6	411.9	492.1	570.5	646.1

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CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-44

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	37.2	83.7	133.8	189.5	253.5	324.8	402.0	481.1	558.0	633.2
-25°	0.0	36.5	81.9	130.9	185.1	247.0	316.1	390.9	468.9	544.2	619.0
-27.5°	0.0	35.7	79.9	127.7	180.2	239.9	306.7	378.8	455.5	529.0	602.1
-30°	0.0	34.9	77.8	124.2	175.0	232.1	296.4	365.6	440.6	512.6	583.7
-32.5°	0.0	34.0	75.4	120.5	169.3	223.8	285.3	352.4	424.3	494.9	563.9
-35°	0.0	33.0	72.9	116.5	163.3	214.8	274.2	338.5	406.9	476.0	542.9
-37.5°	0.0	32.0	70.3	112.2	156.8	205.8	262.7	323.7	388.4	456.0	520.5
-40°	0.0	30.9	67.5	107.7	150.0	197.3	250.6	308.1	368.9	434.2	496.9
-42.5°	0.0	29.7	64.6	103.0	143.2	188.3	237.9	291.8	349.6	411.1	472.2
-45°	0.0	28.5	61.5	98.0	136.6	178.8	224.6	275.3	330.0	386.9	446.2
-47.5°	0.0	27.2	58.2	92.8	129.6	169.0	210.7	259.0	309.5	361.8	418.1
-50°	0.0	25.9	54.9	87.7	122.4	158.8	198.1	242.1	288.2	337.8	389.1
-52.5°	0.0	24.5	51.4	82.4	115.0	148.2	185.3	224.6	267.7	313.1	359.3
-55°	0.0	23.1	47.8	77.0	107.2	138.3	172.2	206.9	247.1	287.6	331.0
-57.5°	0.0	21.6	44.1	71.5	99.3	128.4	158.7	191.1	225.9	263.2	301.9
-60°	0.0	20.1	40.3	65.7	91.1	118.1	145.0	174.9	204.8	238.8	273.0
-62.5°	0.0	18.6	37.2	59.9	83.3	107.7	132.4	158.4	185.9	213.8	245.3
-65°	0.0	17.0	34.0	53.9	75.3	97.0	119.6	142.0	166.6	191.4	217.0
-67.5°	0.0	15.4	30.8	47.7	67.1	86.4	106.5	126.8	146.9	169.3	191.4
-70°	0.0	13.8	27.5	41.5	58.8	76.0	93.2	111.3	129.2	146.9	166.6
-72.5°	0.0	12.1	24.2	36.3	50.4	65.5	80.5	95.6	111.3	126.8	142.0
-75°	0.0	10.4	20.8	31.2	41.9	54.9	67.8	80.5	93.2	106.5	119.6
-77.5°	0.0	8.7	17.4	26.1	34.7	44.1	54.9	65.5	76.0	86.4	97.0
-80°	0.0	7.0	14.0	20.9	27.9	34.7	41.9	50.4	58.8	67.1	75.3
-82.5°	0.0	5.3	10.5	15.7	20.9	26.1	31.2	36.3	41.5	47.7	53.9
-85°	0.0	3.5	7.0	10.5	14.0	17.4	20.8	24.2	27.5	30.8	34.0
-87.5°	0.0	1.8	3.5	5.3	7.0	8.7	10.4	12.1	13.8	15.4	17.0
-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-44

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°	18.6	20.1	21.6	23.1	24.5	25.9	27.2	28.5	29.7	30.9	32.0
85°	37.2	40.3	44.1	47.8	51.4	54.9	58.2	61.5	64.6	67.5	70.3
82.5°	59.9	65.7	71.5	77.0	82.4	87.7	92.8	98.0	103.0	107.7	112.2
80°	83.3	91.1	99.3	107.2	115.0	122.4	129.6	136.6	143.2	150.0	156.8
77.5°	107.7	118.1	128.4	138.3	148.2	158.8	169.0	178.8	188.3	197.3	205.8
75°	132.4	145.0	158.7	172.2	185.3	198.1	210.7	224.6	237.9	250.6	262.7
72.5°	158.4	174.9	191.1	206.9	224.6	242.1	259.0	275.3	291.8	308.1	323.7
70°	185.9	204.8	225.9	247.1	267.7	288.2	309.5	330.0	349.6	368.9	388.4
67.5°	213.8	238.8	263.2	287.6	313.1	337.8	361.8	386.9	411.1	434.2	456.0
65°	245.3	273.0	301.9	331.0	359.3	389.1	418.1	446.2	472.2	496.9	520.5
62.5°	276.3	309.1	341.9	374.9	408.9	441.9	472.9	502.5	531.0	558.4	584.4
60°	309.1	345.5	382.8	420.8	457.5	492.1	525.6	558.0	589.2	619.0	645.2
57.5°	341.9	382.8	424.8	465.2	503.7	541.2	577.5	612.7	644.1	673.9	702.7
55°	374.9	420.8	465.2	507.6	549.0	589.3	627.6	662.3	695.8	729.6	761.9
52.5°	408.9	457.5	503.7	549.0	593.2	634.9	673.3	711.3	749.0	785.4	820.2
50°	441.9	492.1	541.2	589.3	634.9	677.0	719.1	760.8	801.2	840.2	873.7
47.5°	472.9	525.6	577.5	627.6	673.3	719.1	764.7	809.2	852.2	887.1	919.8
45°	502.5	558.0	612.7	662.3	711.3	760.8	809.2	856.3	893.8	930.5	967.3
42.5°	531.0	589.2	644.1	695.8	749.0	801.2	852.2	893.8	934.1	974.7	1017.4
40°	558.4	619.0	673.9	729.6	785.4	840.2	887.1	930.5	974.7	1021.7	1069.8
37.5°	584.4	645.2	702.7	761.9	820.2	873.7	919.8	967.3	1017.4	1069.8	1120.7
35°	609.1	670.0	731.1	792.7	853.5	903.0	952.8	1004.5	1061.0	1116.2	1173.7
32.5°	631.3	693.5	758.0	821.9	879.8	931.3	984.3	1043.5	1102.7	1162.4	1231.7
30°	651.3	716.5	783.2	849.3	904.2	959.1	1017.7	1080.6	1142.4	1214.4	1294.9
27.5°	670.0	738.1	806.8	871.6	927.3	985.1	1050.2	1115.5	1186.0	1266.2	1359.0
25°	687.3	758.0	828.6	891.1	949.6	1012.0	1080.4	1148.1	1228.9	1322.5	1433.6
22.5°	703.4	776.2	848.6	909.0	970.1	1037.8	1108.3	1183.9	1272.5	1375.5	1506.7
20°	718.3	792.7	864.9	925.4	988.7	1061.2	1133.7	1217.6	1316.9	1437.8	1589.3
17.5°	731.6	807.4	878.1	940.6	1007.5	1082.2	1157.2	1247.8	1356.9	1494.1	1671.3
15°	743.2	820.2	889.6	954.0	1024.4	1100.6	1181.8	1279.5	1398.1	1548.8	1745.2
12.5°	753.1	831.1	899.5	965.4	1038.9	1116.3	1202.8	1307.4	1437.6	1606.7	1843.7
10°	761.2	840.2	907.6	974.8	1050.8	1129.3	1220.2	1330.6	1470.4	1654.7	1925.7
7.5°	767.6	847.2	914.0	982.2	1060.1	1139.5	1233.8	1348.7	1496.1	1692.6	1990.4
5°	772.1	852.2	918.5	987.5	1066.8	1146.8	1243.6	1361.8	1514.7	1719.9	2037.2
2.5°	774.9	855.3	921.3	990.6	1070.9	1151.2	1249.5	1369.7	1525.9	1736.4	2065.4
0°	775.8	856.3	922.2	991.7	1072.2	1152.7	1251.5	1372.3	1529.6	1741.9	2074.9
-2.5°	774.9	855.3	921.3	990.6	1070.9	1151.2	1249.5	1369.7	1525.9	1736.4	2065.4
-5°	772.1	852.2	918.5	987.5	1066.8	1146.8	1243.6	1361.8	1514.7	1719.9	2037.2
-7.5°	767.6	847.2	914.0	982.2	1060.1	1139.5	1233.8	1348.7	1496.1	1692.6	1990.4
-10°	761.2	840.2	907.6	974.8	1050.8	1129.3	1220.2	1330.6	1470.4	1654.7	1925.7
-12.5°	753.1	831.1	899.5	965.4	1038.9	1116.3	1202.8	1307.4	1437.6	1606.7	1843.7
-15°	743.2	820.2	889.6	954.0	1024.4	1100.6	1181.8	1279.5	1398.1	1548.8	1745.2
-17.5°	731.6	807.4	878.1	940.6	1007.5	1082.2	1157.2	1247.8	1356.9	1494.1	1671.3
-20°	718.3	792.7	864.9	925.4	988.7	1061.2	1133.7	1217.6	1316.9	1437.8	1589.3

Classified

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

Scaled Data Report



REPORT NUMBER: P624779 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-44

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	703.4	776.2	848.6	909.0	970.1	1037.8	1108.3	1183.9	1272.5	1375.5	1506.7
-25°	687.3	758.0	828.6	891.1	949.6	1012.0	1080.4	1148.1	1228.9	1322.5	1433.6
-27.5°	670.0	738.1	806.8	871.6	927.3	985.1	1050.2	1115.5	1186.0	1266.2	1359.0
-30°	651.3	716.5	783.2	849.3	904.2	959.1	1017.7	1080.6	1142.4	1214.4	1294.9
-32.5°	631.3	693.5	758.0	821.9	879.8	931.3	984.3	1043.5	1102.7	1162.4	1231.7
-35°	609.1	670.0	731.1	792.7	853.5	903.0	952.8	1004.5	1061.0	1116.2	1173.7
-37.5°	584.4	645.2	702.7	761.9	820.2	873.7	919.8	967.3	1017.4	1069.8	1120.7
-40°	558.4	619.0	673.9	729.6	785.4	840.2	887.1	930.5	974.7	1021.7	1069.8
-42.5°	531.0	589.2	644.1	695.8	749.0	801.2	852.2	893.8	934.1	974.7	1017.4
-45°	502.5	558.0	612.7	662.3	711.3	760.8	809.2	856.3	893.8	930.5	967.3
-47.5°	472.9	525.6	577.5	627.6	673.3	719.1	764.7	809.2	852.2	887.1	919.8
-50°	441.9	492.1	541.2	589.3	634.9	677.0	719.1	760.8	801.2	840.2	873.7
-52.5°	408.9	457.5	503.7	549.0	593.2	634.9	673.3	711.3	749.0	785.4	820.2
-55°	374.9	420.8	465.2	507.6	549.0	589.3	627.6	662.3	695.8	729.6	761.9
-57.5°	341.9	382.8	424.8	465.2	503.7	541.2	577.5	612.7	644.1	673.9	702.7
-60°	309.1	345.5	382.8	420.8	457.5	492.1	525.6	558.0	589.2	619.0	645.2
-62.5°	276.3	309.1	341.9	374.9	408.9	441.9	472.9	502.5	531.0	558.4	584.4
-65°	245.3	273.0	301.9	331.0	359.3	389.1	418.1	446.2	472.2	496.9	520.5
-67.5°	213.8	238.8	263.2	287.6	313.1	337.8	361.8	386.9	411.1	434.2	456.0
-70°	185.9	204.8	225.9	247.1	267.7	288.2	309.5	330.0	349.6	368.9	388.4
-72.5°	158.4	174.9	191.1	206.9	224.6	242.1	259.0	275.3	291.8	308.1	323.7
-75°	132.4	145.0	158.7	172.2	185.3	198.1	210.7	224.6	237.9	250.6	262.7
-77.5°	107.7	118.1	128.4	138.3	148.2	158.8	169.0	178.8	188.3	197.3	205.8
-80°	83.3	91.1	99.3	107.2	115.0	122.4	129.6	136.6	143.2	150.0	156.8
-82.5°	59.9	65.7	71.5	77.0	82.4	87.7	92.8	98.0	103.0	107.7	112.2
-85°	37.2	40.3	44.1	47.8	51.4	54.9	58.2	61.5	64.6	67.5	70.3
-87.5°	18.6	20.1	21.6	23.1	24.5	25.9	27.2	28.5	29.7	30.9	32.0
-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: P624779 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-44

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°	33.0	34.0	34.9	35.7	36.5	37.2	37.9	38.4	38.9	39.3	39.7
85°	72.9	75.4	77.8	79.9	81.9	83.7	85.3	86.7	88.0	89.1	89.9
82.5°	116.5	120.5	124.2	127.7	130.9	133.8	136.4	138.7	140.8	142.5	143.9
80°	163.3	169.3	175.0	180.2	185.1	189.5	193.5	197.0	200.0	202.6	204.8
77.5°	214.8	223.8	232.1	239.9	247.0	253.5	259.4	264.6	269.1	273.0	276.2
75°	274.2	285.3	296.4	306.7	316.1	324.8	332.6	339.5	345.5	350.6	354.8
72.5°	338.5	352.4	365.6	378.8	390.9	402.0	411.9	420.8	428.5	435.1	440.5
70°	406.9	424.3	440.6	455.5	468.9	481.1	492.1	501.9	510.4	517.7	523.6
67.5°	476.0	494.9	512.6	529.0	544.2	558.0	570.5	581.6	591.3	599.5	606.3
65°	542.9	563.9	583.7	602.1	619.0	633.2	646.1	657.4	667.4	675.9	682.8
62.5°	609.1	631.3	651.3	670.0	687.3	703.4	718.3	731.6	743.2	753.1	761.2
60°	670.0	693.5	716.5	738.1	758.0	776.2	792.7	807.4	820.2	831.1	840.2
57.5°	731.1	758.0	783.2	806.8	828.6	848.6	864.9	878.1	889.6	899.5	907.6
55°	792.7	821.9	849.3	871.6	891.1	909.0	925.4	940.6	954.0	965.4	974.8
52.5°	853.5	879.8	904.2	927.3	949.6	970.1	988.7	1007.5	1024.4	1038.9	1050.8
50°	903.0	931.3	959.1	985.1	1012.0	1037.8	1061.2	1082.2	1100.6	1116.3	1129.3
47.5°	952.8	984.3	1017.7	1050.2	1080.4	1108.3	1133.7	1157.2	1181.8	1202.8	1220.2
45°	1004.5	1043.5	1080.6	1115.5	1148.1	1183.9	1217.6	1247.8	1279.5	1307.4	1330.6
42.5°	1061.0	1102.7	1142.4	1186.0	1228.9	1272.5	1316.9	1356.9	1398.1	1437.6	1470.4
40°	1116.2	1162.4	1214.4	1266.2	1322.5	1375.5	1437.8	1494.1	1548.8	1606.7	1654.7
37.5°	1173.7	1231.7	1294.9	1359.0	1433.6	1506.7	1589.3	1671.3	1745.2	1843.7	1925.7
35°	1237.5	1309.4	1384.0	1473.1	1566.7	1672.5	1786.1	1924.9	2048.5	2206.8	2353.1
32.5°	1309.4	1393.8	1493.1	1608.2	1729.3	1900.0	2064.6	2303.5	2522.6	2785.6	3069.4
30°	1384.0	1493.1	1622.2	1767.2	1969.7	2214.5	2504.2	2885.5	3308.3	3759.0	4359.6
27.5°	1473.1	1608.2	1767.2	1993.2	2294.0	2633.2	3187.2	3796.1	4684.5	5463.7	6696.5
25°	1566.7	1729.3	1969.7	2294.0	2707.2	3340.9	4259.5	5324.4	7011.3	8610.5	10435.8
22.5°	1672.5	1900.0	2214.5	2633.2	3340.9	4416.1	5813.7	7973.1	10398.8	12986.6	15418.4
20°	1786.1	2064.6	2504.2	3187.2	4259.5	5813.7	8299.2	11412.1	14664.7	18119.2	21210.9
17.5°	1924.9	2303.5	2885.5	3796.1	5324.4	7973.1	11412.1	15325.0	19519.4	23838.1	27772.7
15°	2048.5	2522.6	3308.3	4684.5	7011.3	10398.8	14664.7	19519.4	24739.3	30246.0	36055.6
12.5°	2206.8	2785.6	3759.0	5463.7	8610.5	12986.6	18119.2	23838.1	30246.0	37466.6	46654.4
10°	2353.1	3069.4	4359.6	6696.5	10435.8	15418.4	21210.9	27772.7	36055.6	46654.4	57973.0
7.5°	2468.7	3294.5	4837.6	7684.2	12048.1	17596.0	24094.3	31986.3	42255.0	55078.2	68653.0
5°	2552.5	3457.8	5185.2	8404.9	13230.0	19201.3	26236.4	35205.9	47590.5	62296.1	75894.6
2.5°	2603.1	3556.7	5396.4	8843.8	13951.9	20186.2	27558.3	37208.9	50949.8	66925.1	80679.2
0°	2620.1	3589.9	5467.2	8991.2	14194.8	20518.3	28005.4	37889.5	52099.0	68526.0	82365.9
-2.5°	2603.1	3556.7	5396.4	8843.8	13951.9	20186.2	27558.3	37208.9	50949.8	66925.1	80679.2
-5°	2552.5	3457.8	5185.2	8404.9	13230.0	19201.3	26236.4	35205.9	47590.5	62296.1	75894.6
-7.5°	2468.7	3294.5	4837.6	7684.2	12048.1	17596.0	24094.3	31986.3	42255.0	55078.2	68653.0
-10°	2353.1	3069.4	4359.6	6696.5	10435.8	15418.4	21210.9	27772.7	36055.6	46654.4	57973.0
-12.5°	2206.8	2785.6	3759.0	5463.7	8610.5	12986.6	18119.2	23838.1	30246.0	37466.6	46654.4
-15°	2048.5	2522.6	3308.3	4684.5	7011.3	10398.8	14664.7	19519.4	24739.3	30246.0	36055.6
-17.5°	1924.9	2303.5	2885.5	3796.1	5324.4	7973.1	11412.1	15325.0	19519.4	23838.1	27772.7
-20°	1786.1	2064.6	2504.2	3187.2	4259.5	5813.7	8299.2	11412.1	14664.7	18119.2	21210.9

Classified

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

Scaled Data Report



REPORT NUMBER: P624779 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-44

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1672.5	1900.0	2214.5	2633.2	3340.9	4416.1	5813.7	7973.1	10398.8	12986.6	15418.4
-25°	1566.7	1729.3	1969.7	2294.0	2707.2	3340.9	4259.5	5324.4	7011.3	8610.5	10435.8
-27.5°	1473.1	1608.2	1767.2	1993.2	2294.0	2633.2	3187.2	3796.1	4684.5	5463.7	6696.5
-30°	1384.0	1493.1	1622.2	1767.2	1969.7	2214.5	2504.2	2885.5	3308.3	3759.0	4359.6
-32.5°	1309.4	1393.8	1493.1	1608.2	1729.3	1900.0	2064.6	2303.5	2522.6	2785.6	3069.4
-35°	1237.5	1309.4	1384.0	1473.1	1566.7	1672.5	1786.1	1924.9	2048.5	2206.8	2353.1
-37.5°	1173.7	1231.7	1294.9	1359.0	1433.6	1506.7	1589.3	1671.3	1745.2	1843.7	1925.7
-40°	1116.2	1162.4	1214.4	1266.2	1322.5	1375.5	1437.8	1494.1	1548.8	1606.7	1654.7
-42.5°	1061.0	1102.7	1142.4	1186.0	1228.9	1272.5	1316.9	1356.9	1398.1	1437.6	1470.4
-45°	1004.5	1043.5	1080.6	1115.5	1148.1	1183.9	1217.6	1247.8	1279.5	1307.4	1330.6
-47.5°	952.8	984.3	1017.7	1050.2	1080.4	1108.3	1133.7	1157.2	1181.8	1202.8	1220.2
-50°	903.0	931.3	959.1	985.1	1012.0	1037.8	1061.2	1082.2	1100.6	1116.3	1129.3
-52.5°	853.5	879.8	904.2	927.3	949.6	970.1	988.7	1007.5	1024.4	1038.9	1050.8
-55°	792.7	821.9	849.3	871.6	891.1	909.0	925.4	940.6	954.0	965.4	974.8
-57.5°	731.1	758.0	783.2	806.8	828.6	848.6	864.9	878.1	889.6	899.5	907.6
-60°	670.0	693.5	716.5	738.1	758.0	776.2	792.7	807.4	820.2	831.1	840.2
-62.5°	609.1	631.3	651.3	670.0	687.3	703.4	718.3	731.6	743.2	753.1	761.2
-65°	542.9	563.9	583.7	602.1	619.0	633.2	646.1	657.4	667.4	675.9	682.8
-67.5°	476.0	494.9	512.6	529.0	544.2	558.0	570.5	581.6	591.3	599.5	606.3
-70°	406.9	424.3	440.6	455.5	468.9	481.1	492.1	501.9	510.4	517.7	523.6
-72.5°	338.5	352.4	365.6	378.8	390.9	402.0	411.9	420.8	428.5	435.1	440.5
-75°	274.2	285.3	296.4	306.7	316.1	324.8	332.6	339.5	345.5	350.6	354.8
-77.5°	214.8	223.8	232.1	239.9	247.0	253.5	259.4	264.6	269.1	273.0	276.2
-80°	163.3	169.3	175.0	180.2	185.1	189.5	193.5	197.0	200.0	202.6	204.8
-82.5°	116.5	120.5	124.2	127.7	130.9	133.8	136.4	138.7	140.8	142.5	143.9
-85°	72.9	75.4	77.8	79.9	81.9	83.7	85.3	86.7	88.0	89.1	89.9
-87.5°	33.0	34.0	34.9	35.7	36.5	37.2	37.9	38.4	38.9	39.3	39.7
-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: P624779 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-44

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°	40.0	40.1	40.3	40.3	40.3	40.1	40.0	39.7	39.3	38.9	38.4
85°	90.6	91.1	91.4	91.5	91.4	91.1	90.6	89.9	89.1	88.0	86.7
82.5°	145.0	145.8	146.2	146.4	146.2	145.8	145.0	143.9	142.5	140.8	138.7
80°	206.4	207.6	208.4	208.6	208.4	207.6	206.4	204.8	202.6	200.0	197.0
77.5°	278.6	280.4	281.4	281.8	281.4	280.4	278.6	276.2	273.0	269.1	264.6
75°	358.1	360.4	361.8	362.3	361.8	360.4	358.1	354.8	350.6	345.5	339.5
72.5°	444.7	447.7	449.5	450.1	449.5	447.7	444.7	440.5	435.1	428.5	420.8
70°	528.3	531.6	533.6	534.3	533.6	531.6	528.3	523.6	517.7	510.4	501.9
67.5°	611.6	615.4	617.6	618.4	617.6	615.4	611.6	606.3	599.5	591.3	581.6
65°	688.3	692.2	694.5	695.3	694.5	692.2	688.3	682.8	675.9	667.4	657.4
62.5°	767.6	772.1	774.9	775.8	774.9	772.1	767.6	761.2	753.1	743.2	731.6
60°	847.2	852.2	855.3	856.3	855.3	852.2	847.2	840.2	831.1	820.2	807.4
57.5°	914.0	918.5	921.3	922.2	921.3	918.5	914.0	907.6	899.5	889.6	878.1
55°	982.2	987.5	990.6	991.7	990.6	987.5	982.2	974.8	965.4	954.0	940.6
52.5°	1060.1	1066.8	1070.9	1072.2	1070.9	1066.8	1060.1	1050.8	1038.9	1024.4	1007.5
50°	1139.5	1146.8	1151.2	1152.7	1151.2	1146.8	1139.5	1129.3	1116.3	1100.6	1082.2
47.5°	1233.8	1243.6	1249.5	1251.5	1249.5	1243.6	1233.8	1220.2	1202.8	1181.8	1157.2
45°	1348.7	1361.8	1369.7	1372.3	1369.7	1361.8	1348.7	1330.6	1307.4	1279.5	1247.8
42.5°	1496.1	1514.7	1525.9	1529.6	1525.9	1514.7	1496.1	1470.4	1437.6	1398.1	1356.9
40°	1692.6	1719.9	1736.4	1741.9	1736.4	1719.9	1692.6	1654.7	1606.7	1548.8	1494.1
37.5°	1990.4	2037.2	2065.4	2074.9	2065.4	2037.2	1990.4	1925.7	1843.7	1745.2	1671.3
35°	2468.7	2552.5	2603.1	2620.1	2603.1	2552.5	2468.7	2353.1	2206.8	2048.5	1924.9
32.5°	3294.5	3457.8	3556.7	3589.9	3556.7	3457.8	3294.5	3069.4	2785.6	2522.6	2303.5
30°	4837.6	5185.2	5396.4	5467.2	5396.4	5185.2	4837.6	4359.6	3759.0	3308.3	2885.5
27.5°	7684.2	8404.9	8843.8	8991.2	8843.8	8404.9	7684.2	6696.5	5463.7	4684.5	3796.1
25°	12048.1	13230.0	13951.9	14194.8	13951.9	13230.0	12048.1	10435.8	8610.5	7011.3	5324.4
22.5°	17596.0	19201.3	20186.2	20518.3	20186.2	19201.3	17596.0	15418.4	12986.6	10398.8	7973.1
20°	24094.3	26236.4	27558.3	28005.4	27558.3	26236.4	24094.3	21210.9	18119.2	14664.7	11412.1
17.5°	31986.3	35205.9	37208.9	37889.5	37208.9	35205.9	31986.3	27772.7	23838.1	19519.4	15325.0
15°	42255.0	47590.5	50949.8	52099.0	50949.8	47590.5	42255.0	36055.6	30246.0	24739.3	19519.4
12.5°	55078.2	62296.1	66925.1	68526.0	66925.1	62296.1	55078.2	46654.4	37466.6	30246.0	23838.1
10°	68653.0	75894.6	80679.2	82365.9	80679.2	75894.6	68653.0	57973.0	46654.4	36055.6	27772.7
7.5°	79091.9	87014.8	92171.0	94057.7	92171.0	87014.8	79091.9	68653.0	55078.2	42255.0	31986.3
5°	87014.8	95818.3	101821.1	104212.6	101821.1	95818.3	87014.8	75894.6	62296.1	47590.5	35205.9
2.5°	92171.0	101821.1	108188.4	110997.1	108188.4	101821.1	92171.0	80679.2	66925.1	50949.8	37208.9
0°	94057.7	104212.6	110997.1	113492.8	110997.1	104212.6	94057.7	82365.9	68526.0	52099.0	37889.5
-2.5°	92171.0	101821.1	108188.4	110997.1	108188.4	101821.1	92171.0	80679.2	66925.1	50949.8	37208.9
-5°	87014.8	95818.3	101821.1	104212.6	101821.1	95818.3	87014.8	75894.6	62296.1	47590.5	35205.9
-7.5°	79091.9	87014.8	92171.0	94057.7	92171.0	87014.8	79091.9	68653.0	55078.2	42255.0	31986.3
-10°	68653.0	75894.6	80679.2	82365.9	80679.2	75894.6	68653.0	57973.0	46654.4	36055.6	27772.7
-12.5°	55078.2	62296.1	66925.1	68526.0	66925.1	62296.1	55078.2	46654.4	37466.6	30246.0	23838.1
-15°	42255.0	47590.5	50949.8	52099.0	50949.8	47590.5	42255.0	36055.6	30246.0	24739.3	19519.4
-17.5°	31986.3	35205.9	37208.9	37889.5	37208.9	35205.9	31986.3	27772.7	23838.1	19519.4	15325.0
-20°	24094.3	26236.4	27558.3	28005.4	27558.3	26236.4	24094.3	21210.9	18119.2	14664.7	11412.1



REPORT NUMBER: P624779 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-44

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	17596.0	19201.3	20186.2	20518.3	20186.2	19201.3	17596.0	15418.4	12986.6	10398.8	7973.1
-25°	12048.1	13230.0	13951.9	14194.8	13951.9	13230.0	12048.1	10435.8	8610.5	7011.3	5324.4
-27.5°	7684.2	8404.9	8843.8	8991.2	8843.8	8404.9	7684.2	6696.5	5463.7	4684.5	3796.1
-30°	4837.6	5185.2	5396.4	5467.2	5396.4	5185.2	4837.6	4359.6	3759.0	3308.3	2885.5
-32.5°	3294.5	3457.8	3556.7	3589.9	3556.7	3457.8	3294.5	3069.4	2785.6	2522.6	2303.5
-35°	2468.7	2552.5	2603.1	2620.1	2603.1	2552.5	2468.7	2353.1	2206.8	2048.5	1924.9
-37.5°	1990.4	2037.2	2065.4	2074.9	2065.4	2037.2	1990.4	1925.7	1843.7	1745.2	1671.3
-40°	1692.6	1719.9	1736.4	1741.9	1736.4	1719.9	1692.6	1654.7	1606.7	1548.8	1494.1
-42.5°	1496.1	1514.7	1525.9	1529.6	1525.9	1514.7	1496.1	1470.4	1437.6	1398.1	1356.9
-45°	1348.7	1361.8	1369.7	1372.3	1369.7	1361.8	1348.7	1330.6	1307.4	1279.5	1247.8
-47.5°	1233.8	1243.6	1249.5	1251.5	1249.5	1243.6	1233.8	1220.2	1202.8	1181.8	1157.2
-50°	1139.5	1146.8	1151.2	1152.7	1151.2	1146.8	1139.5	1129.3	1116.3	1100.6	1082.2
-52.5°	1060.1	1066.8	1070.9	1072.2	1070.9	1066.8	1060.1	1050.8	1038.9	1024.4	1007.5
-55°	982.2	987.5	990.6	991.7	990.6	987.5	982.2	974.8	965.4	954.0	940.6
-57.5°	914.0	918.5	921.3	922.2	921.3	918.5	914.0	907.6	899.5	889.6	878.1
-60°	847.2	852.2	855.3	856.3	855.3	852.2	847.2	840.2	831.1	820.2	807.4
-62.5°	767.6	772.1	774.9	775.8	774.9	772.1	767.6	761.2	753.1	743.2	731.6
-65°	688.3	692.2	694.5	695.3	694.5	692.2	688.3	682.8	675.9	667.4	657.4
-67.5°	611.6	615.4	617.6	618.4	617.6	615.4	611.6	606.3	599.5	591.3	581.6
-70°	528.3	531.6	533.6	534.3	533.6	531.6	528.3	523.6	517.7	510.4	501.9
-72.5°	444.7	447.7	449.5	450.1	449.5	447.7	444.7	440.5	435.1	428.5	420.8
-75°	358.1	360.4	361.8	362.3	361.8	360.4	358.1	354.8	350.6	345.5	339.5
-77.5°	278.6	280.4	281.4	281.8	281.4	280.4	278.6	276.2	273.0	269.1	264.6
-80°	206.4	207.6	208.4	208.6	208.4	207.6	206.4	204.8	202.6	200.0	197.0
-82.5°	145.0	145.8	146.2	146.4	146.2	145.8	145.0	143.9	142.5	140.8	138.7
-85°	90.6	91.1	91.4	91.5	91.4	91.1	90.6	89.9	89.1	88.0	86.7
-87.5°	40.0	40.1	40.3	40.3	40.3	40.1	40.0	39.7	39.3	38.9	38.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P624779 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-44

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°	37.9	37.2	36.5	35.7	34.9	34.0	33.0	32.0	30.9	29.7	28.5
85°	85.3	83.7	81.9	79.9	77.8	75.4	72.9	70.3	67.5	64.6	61.5
82.5°	136.4	133.8	130.9	127.7	124.2	120.5	116.5	112.2	107.7	103.0	98.0
80°	193.5	189.5	185.1	180.2	175.0	169.3	163.3	156.8	150.0	143.2	136.6
77.5°	259.4	253.5	247.0	239.9	232.1	223.8	214.8	205.8	197.3	188.3	178.8
75°	332.6	324.8	316.1	306.7	296.4	285.3	274.2	262.7	250.6	237.9	224.6
72.5°	411.9	402.0	390.9	378.8	365.6	352.4	338.5	323.7	308.1	291.8	275.3
70°	492.1	481.1	468.9	455.5	440.6	424.3	406.9	388.4	368.9	349.6	330.0
67.5°	570.5	558.0	544.2	529.0	512.6	494.9	476.0	456.0	434.2	411.1	386.9
65°	646.1	633.2	619.0	602.1	583.7	563.9	542.9	520.5	496.9	472.2	446.2
62.5°	718.3	703.4	687.3	670.0	651.3	631.3	609.1	584.4	558.4	531.0	502.5
60°	792.7	776.2	758.0	738.1	716.5	693.5	670.0	645.2	619.0	589.2	558.0
57.5°	864.9	848.6	828.6	806.8	783.2	758.0	731.1	702.7	673.9	644.1	612.7
55°	925.4	909.0	891.1	871.6	849.3	821.9	792.7	761.9	729.6	695.8	662.3
52.5°	988.7	970.1	949.6	927.3	904.2	879.8	853.5	820.2	785.4	749.0	711.3
50°	1061.2	1037.8	1012.0	985.1	959.1	931.3	903.0	873.7	840.2	801.2	760.8
47.5°	1133.7	1108.3	1080.4	1050.2	1017.7	984.3	952.8	919.8	887.1	852.2	809.2
45°	1217.6	1183.9	1148.1	1115.5	1080.6	1043.5	1004.5	967.3	930.5	893.8	856.3
42.5°	1316.9	1272.5	1228.9	1186.0	1142.4	1102.7	1061.0	1017.4	974.7	934.1	893.8
40°	1437.8	1375.5	1322.5	1266.2	1214.4	1162.4	1116.2	1069.8	1021.7	974.7	930.5
37.5°	1589.3	1506.7	1433.6	1359.0	1294.9	1231.7	1173.7	1120.7	1069.8	1017.4	967.3
35°	1786.1	1672.5	1566.7	1473.1	1384.0	1309.4	1237.5	1173.7	1116.2	1061.0	1004.5
32.5°	2064.6	1900.0	1729.3	1608.2	1493.1	1393.8	1309.4	1231.7	1162.4	1102.7	1043.5
30°	2504.2	2214.5	1969.7	1767.2	1622.2	1493.1	1384.0	1294.9	1214.4	1142.4	1080.6
27.5°	3187.2	2633.2	2294.0	1993.2	1767.2	1608.2	1473.1	1359.0	1266.2	1186.0	1115.5
25°	4259.5	3340.9	2707.2	2294.0	1969.7	1729.3	1566.7	1433.6	1322.5	1228.9	1148.1
22.5°	5813.7	4416.1	3340.9	2633.2	2214.5	1900.0	1672.5	1506.7	1375.5	1272.5	1183.9
20°	8299.2	5813.7	4259.5	3187.2	2504.2	2064.6	1786.1	1589.3	1437.8	1316.9	1217.6
17.5°	11412.1	7973.1	5324.4	3796.1	2885.5	2303.5	1924.9	1671.3	1494.1	1356.9	1247.8
15°	14664.7	10398.8	7011.3	4684.5	3308.3	2522.6	2048.5	1745.2	1548.8	1398.1	1279.5
12.5°	18119.2	12986.6	8610.5	5463.7	3759.0	2785.6	2206.8	1843.7	1606.7	1437.6	1307.4
10°	21210.9	15418.4	10435.8	6696.5	4359.6	3069.4	2353.1	1925.7	1654.7	1470.4	1330.6
7.5°	24094.3	17596.0	12048.1	7684.2	4837.6	3294.5	2468.7	1990.4	1692.6	1496.1	1348.7
5°	26236.4	19201.3	13230.0	8404.9	5185.2	3457.8	2552.5	2037.2	1719.9	1514.7	1361.8
2.5°	27558.3	20186.2	13951.9	8843.8	5396.4	3556.7	2603.1	2065.4	1736.4	1525.9	1369.7
0°	28005.4	20518.3	14194.8	8991.2	5467.2	3589.9	2620.1	2074.9	1741.9	1529.6	1372.3
-2.5°	27558.3	20186.2	13951.9	8843.8	5396.4	3556.7	2603.1	2065.4	1736.4	1525.9	1369.7
-5°	26236.4	19201.3	13230.0	8404.9	5185.2	3457.8	2552.5	2037.2	1719.9	1514.7	1361.8
-7.5°	24094.3	17596.0	12048.1	7684.2	4837.6	3294.5	2468.7	1990.4	1692.6	1496.1	1348.7
-10°	21210.9	15418.4	10435.8	6696.5	4359.6	3069.4	2353.1	1925.7	1654.7	1470.4	1330.6
-12.5°	18119.2	12986.6	8610.5	5463.7	3759.0	2785.6	2206.8	1843.7	1606.7	1437.6	1307.4
-15°	14664.7	10398.8	7011.3	4684.5	3308.3	2522.6	2048.5	1745.2	1548.8	1398.1	1279.5
-17.5°	11412.1	7973.1	5324.4	3796.1	2885.5	2303.5	1924.9	1671.3	1494.1	1356.9	1247.8
-20°	8299.2	5813.7	4259.5	3187.2	2504.2	2064.6	1786.1	1589.3	1437.8	1316.9	1217.6

Classified

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

Scaled Data Report



REPORT NUMBER: P624779 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-44

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5813.7	4416.1	3340.9	2633.2	2214.5	1900.0	1672.5	1506.7	1375.5	1272.5	1183.9
-25°	4259.5	3340.9	2707.2	2294.0	1969.7	1729.3	1566.7	1433.6	1322.5	1228.9	1148.1
-27.5°	3187.2	2633.2	2294.0	1993.2	1767.2	1608.2	1473.1	1359.0	1266.2	1186.0	1115.5
-30°	2504.2	2214.5	1969.7	1767.2	1622.2	1493.1	1384.0	1294.9	1214.4	1142.4	1080.6
-32.5°	2064.6	1900.0	1729.3	1608.2	1493.1	1393.8	1309.4	1231.7	1162.4	1102.7	1043.5
-35°	1786.1	1672.5	1566.7	1473.1	1384.0	1309.4	1237.5	1173.7	1116.2	1061.0	1004.5
-37.5°	1589.3	1506.7	1433.6	1359.0	1294.9	1231.7	1173.7	1120.7	1069.8	1017.4	967.3
-40°	1437.8	1375.5	1322.5	1266.2	1214.4	1162.4	1116.2	1069.8	1021.7	974.7	930.5
-42.5°	1316.9	1272.5	1228.9	1186.0	1142.4	1102.7	1061.0	1017.4	974.7	934.1	893.8
-45°	1217.6	1183.9	1148.1	1115.5	1080.6	1043.5	1004.5	967.3	930.5	893.8	856.3
-47.5°	1133.7	1108.3	1080.4	1050.2	1017.7	984.3	952.8	919.8	887.1	852.2	809.2
-50°	1061.2	1037.8	1012.0	985.1	959.1	931.3	903.0	873.7	840.2	801.2	760.8
-52.5°	988.7	970.1	949.6	927.3	904.2	879.8	853.5	820.2	785.4	749.0	711.3
-55°	925.4	909.0	891.1	871.6	849.3	821.9	792.7	761.9	729.6	695.8	662.3
-57.5°	864.9	848.6	828.6	806.8	783.2	758.0	731.1	702.7	673.9	644.1	612.7
-60°	792.7	776.2	758.0	738.1	716.5	693.5	670.0	645.2	619.0	589.2	558.0
-62.5°	718.3	703.4	687.3	670.0	651.3	631.3	609.1	584.4	558.4	531.0	502.5
-65°	646.1	633.2	619.0	602.1	583.7	563.9	542.9	520.5	496.9	472.2	446.2
-67.5°	570.5	558.0	544.2	529.0	512.6	494.9	476.0	456.0	434.2	411.1	386.9
-70°	492.1	481.1	468.9	455.5	440.6	424.3	406.9	388.4	368.9	349.6	330.0
-72.5°	411.9	402.0	390.9	378.8	365.6	352.4	338.5	323.7	308.1	291.8	275.3
-75°	332.6	324.8	316.1	306.7	296.4	285.3	274.2	262.7	250.6	237.9	224.6
-77.5°	259.4	253.5	247.0	239.9	232.1	223.8	214.8	205.8	197.3	188.3	178.8
-80°	193.5	189.5	185.1	180.2	175.0	169.3	163.3	156.8	150.0	143.2	136.6
-82.5°	136.4	133.8	130.9	127.7	124.2	120.5	116.5	112.2	107.7	103.0	98.0
-85°	85.3	83.7	81.9	79.9	77.8	75.4	72.9	70.3	67.5	64.6	61.5
-87.5°	37.9	37.2	36.5	35.7	34.9	34.0	33.0	32.0	30.9	29.7	28.5
-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: P624779 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-44

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°	27.2	25.9	24.5	23.1	21.6	20.1	18.6	17.0	15.4	13.8	12.1
85°	58.2	54.9	51.4	47.8	44.1	40.3	37.2	34.0	30.8	27.5	24.2
82.5°	92.8	87.7	82.4	77.0	71.5	65.7	59.9	53.9	47.7	41.5	36.3
80°	129.6	122.4	115.0	107.2	99.3	91.1	83.3	75.3	67.1	58.8	50.4
77.5°	169.0	158.8	148.2	138.3	128.4	118.1	107.7	97.0	86.4	76.0	65.5
75°	210.7	198.1	185.3	172.2	158.7	145.0	132.4	119.6	106.5	93.2	80.5
72.5°	259.0	242.1	224.6	206.9	191.1	174.9	158.4	142.0	126.8	111.3	95.6
70°	309.5	288.2	267.7	247.1	225.9	204.8	185.9	166.6	146.9	129.2	111.3
67.5°	361.8	337.8	313.1	287.6	263.2	238.8	213.8	191.4	169.3	146.9	126.8
65°	418.1	389.1	359.3	331.0	301.9	273.0	245.3	217.0	191.4	166.6	142.0
62.5°	472.9	441.9	408.9	374.9	341.9	309.1	276.3	245.3	213.8	185.9	158.4
60°	525.6	492.1	457.5	420.8	382.8	345.5	309.1	273.0	238.8	204.8	174.9
57.5°	577.5	541.2	503.7	465.2	424.8	382.8	341.9	301.9	263.2	225.9	191.1
55°	627.6	589.3	549.0	507.6	465.2	420.8	374.9	331.0	287.6	247.1	206.9
52.5°	673.3	634.9	593.2	549.0	503.7	457.5	408.9	359.3	313.1	267.7	224.6
50°	719.1	677.0	634.9	589.3	541.2	492.1	441.9	389.1	337.8	288.2	242.1
47.5°	764.7	719.1	673.3	627.6	577.5	525.6	472.9	418.1	361.8	309.5	259.0
45°	809.2	760.8	711.3	662.3	612.7	558.0	502.5	446.2	386.9	330.0	275.3
42.5°	852.2	801.2	749.0	695.8	644.1	589.2	531.0	472.2	411.1	349.6	291.8
40°	887.1	840.2	785.4	729.6	673.9	619.0	558.4	496.9	434.2	368.9	308.1
37.5°	919.8	873.7	820.2	761.9	702.7	645.2	584.4	520.5	456.0	388.4	323.7
35°	952.8	903.0	853.5	792.7	731.1	670.0	609.1	542.9	476.0	406.9	338.5
32.5°	984.3	931.3	879.8	821.9	758.0	693.5	631.3	563.9	494.9	424.3	352.4
30°	1017.7	959.1	904.2	849.3	783.2	716.5	651.3	583.7	512.6	440.6	365.6
27.5°	1050.2	985.1	927.3	871.6	806.8	738.1	670.0	602.1	529.0	455.5	378.8
25°	1080.4	1012.0	949.6	891.1	828.6	758.0	687.3	619.0	544.2	468.9	390.9
22.5°	1108.3	1037.8	970.1	909.0	848.6	776.2	703.4	633.2	558.0	481.1	402.0
20°	1133.7	1061.2	988.7	925.4	864.9	792.7	718.3	646.1	570.5	492.1	411.9
17.5°	1157.2	1082.2	1007.5	940.6	878.1	807.4	731.6	657.4	581.6	501.9	420.8
15°	1181.8	1100.6	1024.4	954.0	889.6	820.2	743.2	667.4	591.3	510.4	428.5
12.5°	1202.8	1116.3	1038.9	965.4	899.5	831.1	753.1	675.9	599.5	517.7	435.1
10°	1220.2	1129.3	1050.8	974.8	907.6	840.2	761.2	682.8	606.3	523.6	440.5
7.5°	1233.8	1139.5	1060.1	982.2	914.0	847.2	767.6	688.3	611.6	528.3	444.7
5°	1243.6	1146.8	1066.8	987.5	918.5	852.2	772.1	692.2	615.4	531.6	447.7
2.5°	1249.5	1151.2	1070.9	990.6	921.3	855.3	774.9	694.5	617.6	533.6	449.5
0°	1251.5	1152.7	1072.2	991.7	922.2	856.3	775.8	695.3	618.4	534.3	450.1
-2.5°	1249.5	1151.2	1070.9	990.6	921.3	855.3	774.9	694.5	617.6	533.6	449.5
-5°	1243.6	1146.8	1066.8	987.5	918.5	852.2	772.1	692.2	615.4	531.6	447.7
-7.5°	1233.8	1139.5	1060.1	982.2	914.0	847.2	767.6	688.3	611.6	528.3	444.7
-10°	1220.2	1129.3	1050.8	974.8	907.6	840.2	761.2	682.8	606.3	523.6	440.5
-12.5°	1202.8	1116.3	1038.9	965.4	899.5	831.1	753.1	675.9	599.5	517.7	435.1
-15°	1181.8	1100.6	1024.4	954.0	889.6	820.2	743.2	667.4	591.3	510.4	428.5
-17.5°	1157.2	1082.2	1007.5	940.6	878.1	807.4	731.6	657.4	581.6	501.9	420.8
-20°	1133.7	1061.2	988.7	925.4	864.9	792.7	718.3	646.1	570.5	492.1	411.9

Classified

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

Scaled Data Report



REPORT NUMBER: P624779 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-44

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1108.3	1037.8	970.1	909.0	848.6	776.2	703.4	633.2	558.0	481.1	402.0
-25°	1080.4	1012.0	949.6	891.1	828.6	758.0	687.3	619.0	544.2	468.9	390.9
-27.5°	1050.2	985.1	927.3	871.6	806.8	738.1	670.0	602.1	529.0	455.5	378.8
-30°	1017.7	959.1	904.2	849.3	783.2	716.5	651.3	583.7	512.6	440.6	365.6
-32.5°	984.3	931.3	879.8	821.9	758.0	693.5	631.3	563.9	494.9	424.3	352.4
-35°	952.8	903.0	853.5	792.7	731.1	670.0	609.1	542.9	476.0	406.9	338.5
-37.5°	919.8	873.7	820.2	761.9	702.7	645.2	584.4	520.5	456.0	388.4	323.7
-40°	887.1	840.2	785.4	729.6	673.9	619.0	558.4	496.9	434.2	368.9	308.1
-42.5°	852.2	801.2	749.0	695.8	644.1	589.2	531.0	472.2	411.1	349.6	291.8
-45°	809.2	760.8	711.3	662.3	612.7	558.0	502.5	446.2	386.9	330.0	275.3
-47.5°	764.7	719.1	673.3	627.6	577.5	525.6	472.9	418.1	361.8	309.5	259.0
-50°	719.1	677.0	634.9	589.3	541.2	492.1	441.9	389.1	337.8	288.2	242.1
-52.5°	673.3	634.9	593.2	549.0	503.7	457.5	408.9	359.3	313.1	267.7	224.6
-55°	627.6	589.3	549.0	507.6	465.2	420.8	374.9	331.0	287.6	247.1	206.9
-57.5°	577.5	541.2	503.7	465.2	424.8	382.8	341.9	301.9	263.2	225.9	191.1
-60°	525.6	492.1	457.5	420.8	382.8	345.5	309.1	273.0	238.8	204.8	174.9
-62.5°	472.9	441.9	408.9	374.9	341.9	309.1	276.3	245.3	213.8	185.9	158.4
-65°	418.1	389.1	359.3	331.0	301.9	273.0	245.3	217.0	191.4	166.6	142.0
-67.5°	361.8	337.8	313.1	287.6	263.2	238.8	213.8	191.4	169.3	146.9	126.8
-70°	309.5	288.2	267.7	247.1	225.9	204.8	185.9	166.6	146.9	129.2	111.3
-72.5°	259.0	242.1	224.6	206.9	191.1	174.9	158.4	142.0	126.8	111.3	95.6
-75°	210.7	198.1	185.3	172.2	158.7	145.0	132.4	119.6	106.5	93.2	80.5
-77.5°	169.0	158.8	148.2	138.3	128.4	118.1	107.7	97.0	86.4	76.0	65.5
-80°	129.6	122.4	115.0	107.2	99.3	91.1	83.3	75.3	67.1	58.8	50.4
-82.5°	92.8	87.7	82.4	77.0	71.5	65.7	59.9	53.9	47.7	41.5	36.3
-85°	58.2	54.9	51.4	47.8	44.1	40.3	37.2	34.0	30.8	27.5	24.2
-87.5°	27.2	25.9	24.5	23.1	21.6	20.1	18.6	17.0	15.4	13.8	12.1
-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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REPORT NUMBER: P624779 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-44

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°	10.4	8.7	7.0	5.3	3.5	1.8	0.0
85°	20.8	17.4	14.0	10.5	7.0	3.5	0.0
82.5°	31.2	26.1	20.9	15.7	10.5	5.3	0.0
80°	41.9	34.7	27.9	20.9	14.0	7.0	0.0
77.5°	54.9	44.1	34.7	26.1	17.4	8.7	0.0
75°	67.8	54.9	41.9	31.2	20.8	10.4	0.0
72.5°	80.5	65.5	50.4	36.3	24.2	12.1	0.0
70°	93.2	76.0	58.8	41.5	27.5	13.8	0.0
67.5°	106.5	86.4	67.1	47.7	30.8	15.4	0.0
65°	119.6	97.0	75.3	53.9	34.0	17.0	0.0
62.5°	132.4	107.7	83.3	59.9	37.2	18.6	0.0
60°	145.0	118.1	91.1	65.7	40.3	20.1	0.0
57.5°	158.7	128.4	99.3	71.5	44.1	21.6	0.0
55°	172.2	138.3	107.2	77.0	47.8	23.1	0.0
52.5°	185.3	148.2	115.0	82.4	51.4	24.5	0.0
50°	198.1	158.8	122.4	87.7	54.9	25.9	0.0
47.5°	210.7	169.0	129.6	92.8	58.2	27.2	0.0
45°	224.6	178.8	136.6	98.0	61.5	28.5	0.0
42.5°	237.9	188.3	143.2	103.0	64.6	29.7	0.0
40°	250.6	197.3	150.0	107.7	67.5	30.9	0.0
37.5°	262.7	205.8	156.8	112.2	70.3	32.0	0.0
35°	274.2	214.8	163.3	116.5	72.9	33.0	0.0
32.5°	285.3	223.8	169.3	120.5	75.4	34.0	0.0
30°	296.4	232.1	175.0	124.2	77.8	34.9	0.0
27.5°	306.7	239.9	180.2	127.7	79.9	35.7	0.0
25°	316.1	247.0	185.1	130.9	81.9	36.5	0.0
22.5°	324.8	253.5	189.5	133.8	83.7	37.2	0.0
20°	332.6	259.4	193.5	136.4	85.3	37.9	0.0
17.5°	339.5	264.6	197.0	138.7	86.7	38.4	0.0
15°	345.5	269.1	200.0	140.8	88.0	38.9	0.0
12.5°	350.6	273.0	202.6	142.5	89.1	39.3	0.0
10°	354.8	276.2	204.8	143.9	89.9	39.7	0.0
7.5°	358.1	278.6	206.4	145.0	90.6	40.0	0.0
5°	360.4	280.4	207.6	145.8	91.1	40.1	0.0
2.5°	361.8	281.4	208.4	146.2	91.4	40.3	0.0
0°	362.3	281.8	208.6	146.4	91.5	40.3	0.0
-2.5°	361.8	281.4	208.4	146.2	91.4	40.3	0.0
-5°	360.4	280.4	207.6	145.8	91.1	40.1	0.0
-7.5°	358.1	278.6	206.4	145.0	90.6	40.0	0.0
-10°	354.8	276.2	204.8	143.9	89.9	39.7	0.0
-12.5°	350.6	273.0	202.6	142.5	89.1	39.3	0.0
-15°	345.5	269.1	200.0	140.8	88.0	38.9	0.0
-17.5°	339.5	264.6	197.0	138.7	86.7	38.4	0.0
-20°	332.6	259.4	193.5	136.4	85.3	37.9	0.0

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REPORT NUMBER: P624779 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-44

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	324.8	253.5	189.5	133.8	83.7	37.2	0.0
-25°	316.1	247.0	185.1	130.9	81.9	36.5	0.0
-27.5°	306.7	239.9	180.2	127.7	79.9	35.7	0.0
-30°	296.4	232.1	175.0	124.2	77.8	34.9	0.0
-32.5°	285.3	223.8	169.3	120.5	75.4	34.0	0.0
-35°	274.2	214.8	163.3	116.5	72.9	33.0	0.0
-37.5°	262.7	205.8	156.8	112.2	70.3	32.0	0.0
-40°	250.6	197.3	150.0	107.7	67.5	30.9	0.0
-42.5°	237.9	188.3	143.2	103.0	64.6	29.7	0.0
-45°	224.6	178.8	136.6	98.0	61.5	28.5	0.0
-47.5°	210.7	169.0	129.6	92.8	58.2	27.2	0.0
-50°	198.1	158.8	122.4	87.7	54.9	25.9	0.0
-52.5°	185.3	148.2	115.0	82.4	51.4	24.5	0.0
-55°	172.2	138.3	107.2	77.0	47.8	23.1	0.0
-57.5°	158.7	128.4	99.3	71.5	44.1	21.6	0.0
-60°	145.0	118.1	91.1	65.7	40.3	20.1	0.0
-62.5°	132.4	107.7	83.3	59.9	37.2	18.6	0.0
-65°	119.6	97.0	75.3	53.9	34.0	17.0	0.0
-67.5°	106.5	86.4	67.1	47.7	30.8	15.4	0.0
-70°	93.2	76.0	58.8	41.5	27.5	13.8	0.0
-72.5°	80.5	65.5	50.4	36.3	24.2	12.1	0.0
-75°	67.8	54.9	41.9	31.2	20.8	10.4	0.0
-77.5°	54.9	44.1	34.7	26.1	17.4	8.7	0.0
-80°	41.9	34.7	27.9	20.9	14.0	7.0	0.0
-82.5°	31.2	26.1	20.9	15.7	10.5	5.3	0.0
-85°	20.8	17.4	14.0	10.5	7.0	3.5	0.0
-87.5°	10.4	8.7	7.0	5.3	3.5	1.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)