

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: P624778 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-VN-06-E-PRO-5700K-33**

Issue Date: 11/8/2022



Test Information

Test Method: LM-79-08
Report Number: P624778 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-765-11)
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-33
Description: EPHESUS LUMAVISION CCT TUNING FLOOD
3000K AND TYPE 33 OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 35896.1 lumens
Efficiency: N/A
Efficacy: 126.6 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')

Beam Angle (50%): 13.8°H x 13.8°V
Beam Lumens: 10467.2 lumens
Beam Efficiency: 29.2%

Field Angle (10%): 31.4°H x 31.4°V
Field Lumens: 24372 lumens
Field Efficiency: 67.9%

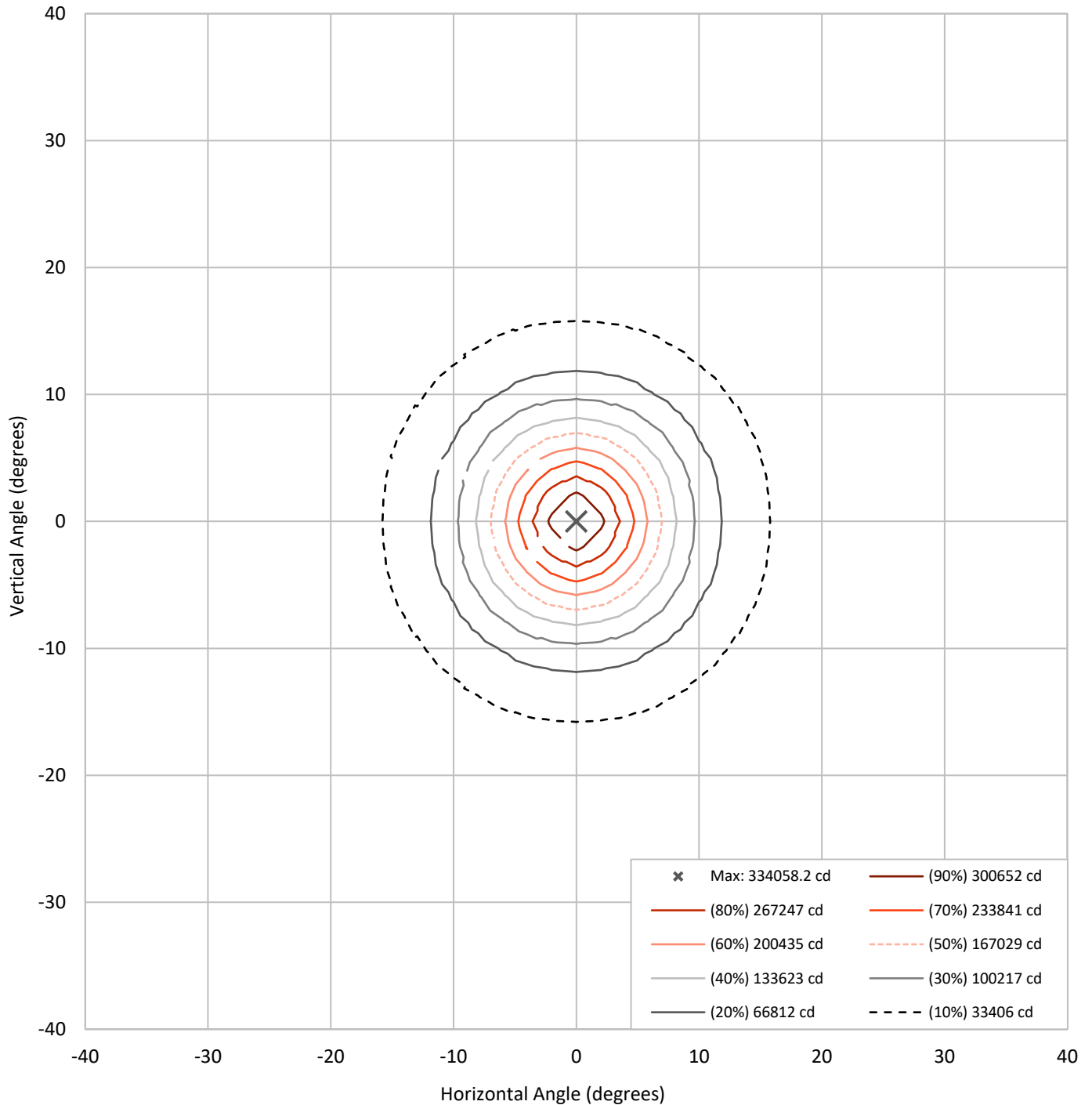
NEMA Type: 3H x 3V
Max Intensity: 334058.2 candela
Max Intensity Angle: 0°H x 0°V

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

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CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-33

Iso-Candela Plot





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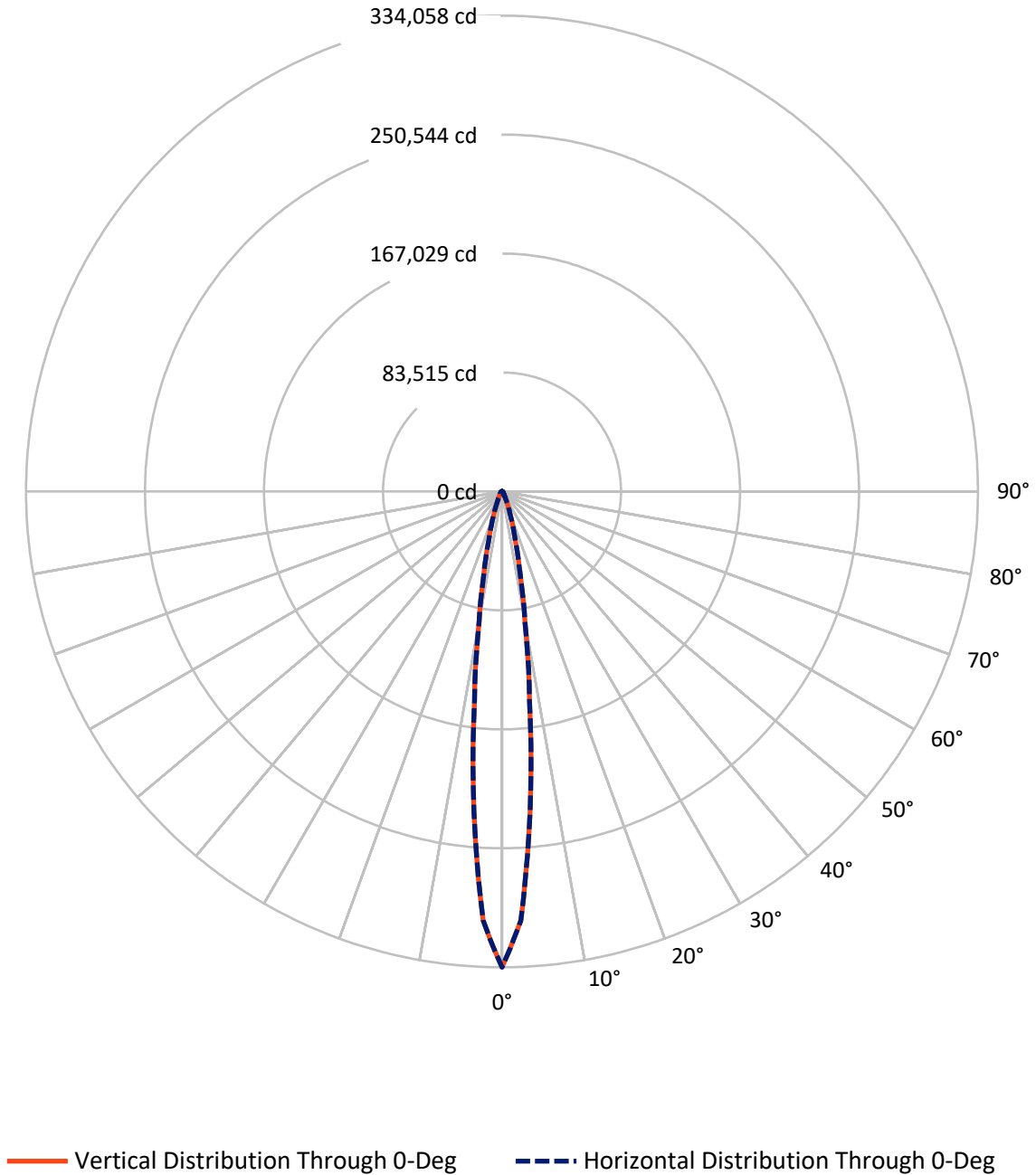
CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-33

Lumen Table

90	0.6	4.6	12.3	20.1	23.3	20.1	12.3	4.6	0.6										
80	0.6	4.6	12.3	20.1	23.3	20.1	12.3	4.6	0.6										
70	2.1	2.3	5.0	8.3	11.7	14.8	17.1	18.3	18.3	17.1	14.8	11.7	8.3	5.0	2.3	2.1			
60		3.7	7.7	12.4	17.2	21.4	24.6	26.3	26.3	24.6	21.4	17.2	12.4	7.7	3.7				
50	3.8	5.0	10.1	15.9	22.1	28.3	34.2	38.0	38.0	34.2	28.3	22.1	15.9	10.1	5.0	3.8			
40		6.1	12.1	19.1	27.9	40.0	54.7	67.1	67.1	54.7	40.0	27.9	19.1	12.1	6.1				
30	5.2	7.0	13.6	22.2	36.2	63.9	130.6	223.4	223.4	130.6	63.9	36.2	22.2	13.6	7.0	5.2			
20		7.6	14.7	25.2	46.6	123.1	442.3	1099.0	1099.0	442.3	123.1	46.6	25.2	14.7	7.6				
10	5.7	7.9	15.3	27.1	55.6	205.0	1070.9	4702.7	4702.7	1070.9	205.0	55.6	27.1	15.3	7.9	5.7			
0		7.9	15.3	27.1	55.6	205.0	1070.9	4702.7	4702.7	1070.9	205.0	55.6	27.1	15.3	7.9				
-10	5.2	7.6	14.7	25.2	46.6	123.1	442.3	1099.0	1099.0	442.3	123.1	46.6	25.2	14.7	7.6	5.2			
-20		7.0	13.6	22.2	36.2	63.9	130.6	223.4	223.4	130.6	63.9	36.2	22.2	13.6	7.0				
-30	3.8	6.1	12.1	19.1	27.9	40.0	54.7	67.1	67.1	54.7	40.0	27.9	19.1	12.1	6.1	3.8			
-40		5.0	10.1	15.9	22.1	28.3	34.2	38.0	38.0	34.2	28.3	22.1	15.9	10.1	5.0				
-50	2.1	3.7	7.7	12.4	17.2	21.4	24.6	26.3	26.3	24.6	21.4	17.2	12.4	7.7	3.7	2.1			
-60		2.3	5.0	8.3	11.7	14.8	17.1	18.3	18.3	17.1	14.8	11.7	8.3	5.0	2.3				
-70	0.6	4.6	12.3	20.1	23.3	20.1	12.3	4.6	0.6										
-80		0.6	4.6	12.3	20.1	23.3	20.1	12.3	4.6	0.6									
-90	0.6	4.6	12.3	20.1	23.3	20.1	12.3	4.6	0.6										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

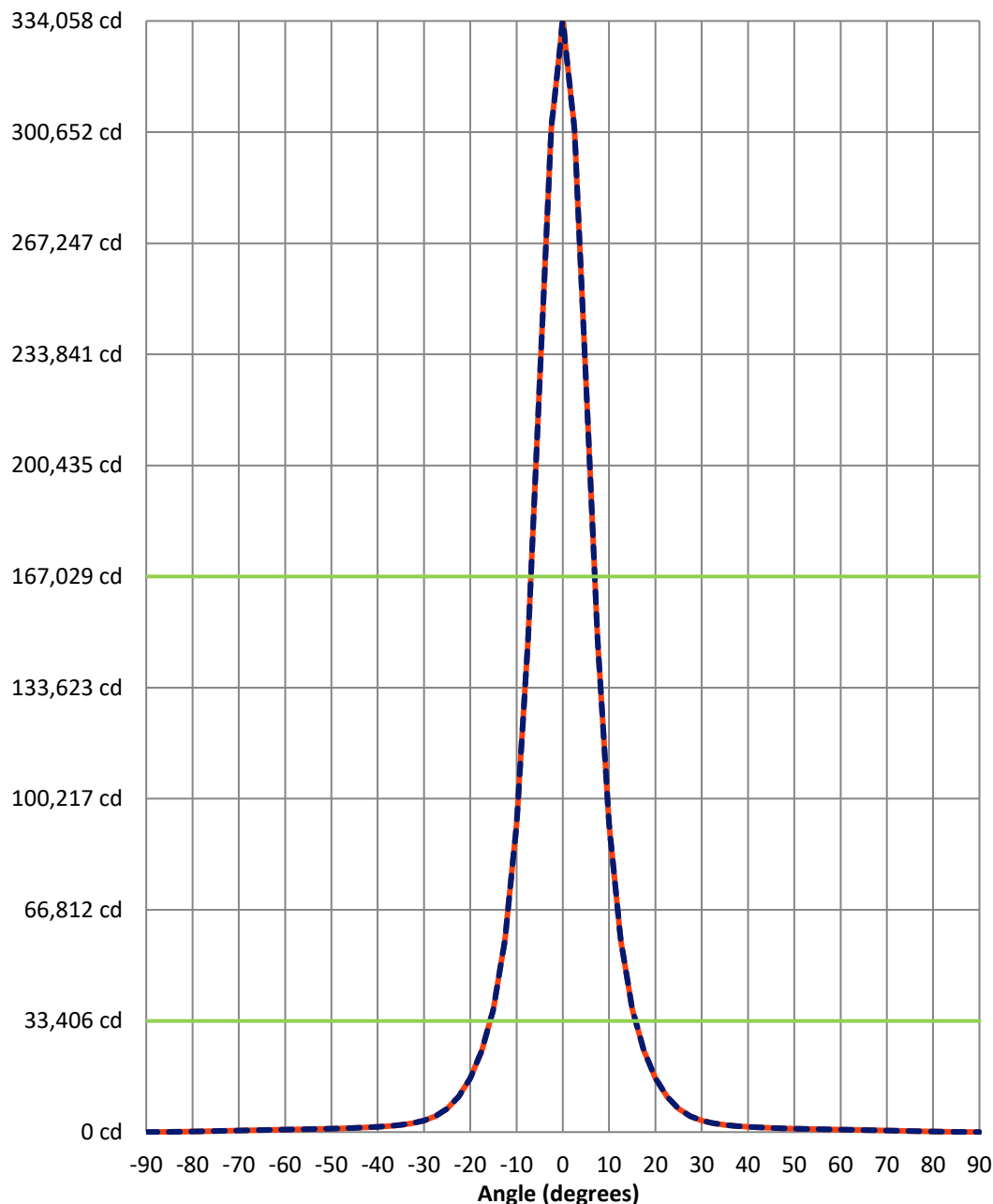
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.8°
 V Angle: 13.8°
 Lumens: 10467.2
 Efficiency: 29.2%

Field:
 H Angle: 31.4°
 V Angle: 31.4°
 Lumens: 24372
 Efficiency: 67.9%

Spill:
 Lumens: 11524
 Efficiency: 32.1%

— 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	1.3	2.6	3.9	5.2	6.5	7.7	9.0	10.2	11.4	12.6
85°	0.0	2.6	5.2	7.8	10.4	12.9	15.5	18.0	20.4	22.9	25.2
82.5°	0.0	3.9	7.8	11.7	15.5	19.4	23.2	26.9	30.8	35.3	39.8
80°	0.0	5.2	10.4	15.5	20.7	25.8	31.0	37.3	43.4	49.4	55.4
77.5°	0.0	6.5	12.9	19.4	25.8	32.7	40.5	48.3	55.9	63.5	71.6
75°	0.0	7.7	15.5	23.2	31.0	40.5	49.9	59.2	68.6	79.5	90.1
72.5°	0.0	9.0	18.0	26.9	37.3	48.3	59.2	70.6	83.4	96.0	108.4
70°	0.0	10.2	20.4	30.8	43.4	55.9	68.6	83.4	98.0	112.5	131.4
67.5°	0.0	11.4	22.9	35.3	49.4	63.5	79.5	96.0	112.5	134.0	155.2
65°	0.0	12.6	25.2	39.8	55.4	71.6	90.1	108.4	131.4	155.2	179.1
62.5°	0.0	13.8	27.6	44.2	61.2	80.4	100.6	123.5	150.0	176.3	203.6
60°	0.0	14.9	29.9	48.4	66.9	88.9	110.8	139.4	168.1	198.0	227.7
57.5°	0.0	16.1	32.6	52.6	73.5	97.3	123.8	155.0	186.8	219.2	254.0
55°	0.0	17.1	35.4	56.7	80.0	105.4	136.8	170.2	205.2	240.7	281.0
52.5°	0.0	18.2	38.0	60.6	86.3	113.7	149.4	185.7	223.0	264.3	307.3
50°	0.0	19.2	40.5	64.4	92.4	123.9	161.7	200.9	241.3	287.3	333.9
47.5°	0.0	20.2	43.0	68.3	98.3	133.7	173.6	215.5	261.0	309.5	359.9
45°	0.0	21.1	45.3	72.5	104.0	143.2	185.7	229.6	280.0	331.9	384.9
42.5°	0.0	22.0	47.6	76.6	109.4	152.2	197.2	244.5	298.2	353.5	408.0
40°	0.0	22.9	49.7	80.4	115.5	160.9	208.3	259.7	315.9	374.2	429.9
37.5°	0.0	23.7	51.8	84.1	122.0	169.1	218.8	274.2	333.3	393.6	450.8
35°	0.0	24.5	53.7	87.6	128.2	177.2	228.7	287.9	349.8	411.4	470.7
32.5°	0.0	25.2	55.5	90.9	134.0	185.0	238.5	300.8	365.4	428.1	489.4
30°	0.0	25.9	57.2	93.9	139.5	192.2	248.8	313.0	379.9	443.8	507.0
27.5°	0.0	26.5	58.8	96.7	144.5	198.9	258.4	324.7	393.2	458.4	523.3
25°	0.0	27.1	60.2	99.3	149.2	205.1	267.2	335.6	405.1	471.9	538.4
22.5°	0.0	27.6	61.5	101.7	153.4	210.8	275.2	345.4	415.9	484.2	551.5
20°	0.0	28.1	62.7	103.9	157.2	215.9	282.4	354.3	425.7	495.2	563.3
17.5°	0.0	28.5	63.7	105.7	160.6	220.4	288.8	362.2	434.3	505.1	573.9
15°	0.0	28.9	64.7	107.4	163.6	224.3	294.4	369.1	441.9	513.7	583.0
12.5°	0.0	29.2	65.4	108.8	166.1	227.7	299.1	375.0	448.4	521.0	590.9
10°	0.0	29.4	66.1	109.9	168.1	230.4	303.0	379.8	453.6	527.0	597.3
7.5°	0.0	29.6	66.6	110.8	169.7	232.5	306.1	383.6	457.8	531.7	602.3
5°	0.0	29.8	66.9	111.5	170.9	234.1	308.3	386.2	460.7	535.1	605.9
2.5°	0.0	29.9	67.1	111.9	171.6	235.0	309.6	387.9	462.5	537.1	608.1
0°	0.0	29.9	67.2	112.0	171.8	235.3	310.0	388.4	463.1	537.8	608.8
-2.5°	0.0	29.9	67.1	111.9	171.6	235.0	309.6	387.9	462.5	537.1	608.1
-5°	0.0	29.8	66.9	111.5	170.9	234.1	308.3	386.2	460.7	535.1	605.9
-7.5°	0.0	29.6	66.6	110.8	169.7	232.5	306.1	383.6	457.8	531.7	602.3
-10°	0.0	29.4	66.1	109.9	168.1	230.4	303.0	379.8	453.6	527.0	597.3
-12.5°	0.0	29.2	65.4	108.8	166.1	227.7	299.1	375.0	448.4	521.0	590.9
-15°	0.0	28.9	64.7	107.4	163.6	224.3	294.4	369.1	441.9	513.7	583.0
-17.5°	0.0	28.5	63.7	105.7	160.6	220.4	288.8	362.2	434.3	505.1	573.9
-20°	0.0	28.1	62.7	103.9	157.2	215.9	282.4	354.3	425.7	495.2	563.3

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CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-33

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	27.6	61.5	101.7	153.4	210.8	275.2	345.4	415.9	484.2	551.5
-25°	0.0	27.1	60.2	99.3	149.2	205.1	267.2	335.6	405.1	471.9	538.4
-27.5°	0.0	26.5	58.8	96.7	144.5	198.9	258.4	324.7	393.2	458.4	523.3
-30°	0.0	25.9	57.2	93.9	139.5	192.2	248.8	313.0	379.9	443.8	507.0
-32.5°	0.0	25.2	55.5	90.9	134.0	185.0	238.5	300.8	365.4	428.1	489.4
-35°	0.0	24.5	53.7	87.6	128.2	177.2	228.7	287.9	349.8	411.4	470.7
-37.5°	0.0	23.7	51.8	84.1	122.0	169.1	218.8	274.2	333.3	393.6	450.8
-40°	0.0	22.9	49.7	80.4	115.5	160.9	208.3	259.7	315.9	374.2	429.9
-42.5°	0.0	22.0	47.6	76.6	109.4	152.2	197.2	244.5	298.2	353.5	408.0
-45°	0.0	21.1	45.3	72.5	104.0	143.2	185.7	229.6	280.0	331.9	384.9
-47.5°	0.0	20.2	43.0	68.3	98.3	133.7	173.6	215.5	261.0	309.5	359.9
-50°	0.0	19.2	40.5	64.4	92.4	123.9	161.7	200.9	241.3	287.3	333.9
-52.5°	0.0	18.2	38.0	60.6	86.3	113.7	149.4	185.7	223.0	264.3	307.3
-55°	0.0	17.1	35.4	56.7	80.0	105.4	136.8	170.2	205.2	240.7	281.0
-57.5°	0.0	16.1	32.6	52.6	73.5	97.3	123.8	155.0	186.8	219.2	254.0
-60°	0.0	14.9	29.9	48.4	66.9	88.9	110.8	139.4	168.1	198.0	227.7
-62.5°	0.0	13.8	27.6	44.2	61.2	80.4	100.6	123.5	150.0	176.3	203.6
-65°	0.0	12.6	25.2	39.8	55.4	71.6	90.1	108.4	131.4	155.2	179.1
-67.5°	0.0	11.4	22.9	35.3	49.4	63.5	79.5	96.0	112.5	134.0	155.2
-70°	0.0	10.2	20.4	30.8	43.4	55.9	68.6	83.4	98.0	112.5	131.4
-72.5°	0.0	9.0	18.0	26.9	37.3	48.3	59.2	70.6	83.4	96.0	108.4
-75°	0.0	7.7	15.5	23.2	31.0	40.5	49.9	59.2	68.6	79.5	90.1
-77.5°	0.0	6.5	12.9	19.4	25.8	32.7	40.5	48.3	55.9	63.5	71.6
-80°	0.0	5.2	10.4	15.5	20.7	25.8	31.0	37.3	43.4	49.4	55.4
-82.5°	0.0	3.9	7.8	11.7	15.5	19.4	23.2	26.9	30.8	35.3	39.8
-85°	0.0	2.6	5.2	7.8	10.4	12.9	15.5	18.0	20.4	22.9	25.2
-87.5°	0.0	1.3	2.6	3.9	5.2	6.5	7.7	9.0	10.2	11.4	12.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-33

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°	13.8	14.9	16.1	17.1	18.2	19.2	20.2	21.1	22.0	22.9	23.7
85°	27.6	29.9	32.6	35.4	38.0	40.5	43.0	45.3	47.6	49.7	51.8
82.5°	44.2	48.4	52.6	56.7	60.6	64.4	68.3	72.5	76.6	80.4	84.1
80°	61.2	66.9	73.5	80.0	86.3	92.4	98.3	104.0	109.4	115.5	122.0
77.5°	80.4	88.9	97.3	105.4	113.7	123.9	133.7	143.2	152.2	160.9	169.1
75°	100.6	110.8	123.8	136.8	149.4	161.7	173.6	185.7	197.2	208.3	218.8
72.5°	123.5	139.4	155.0	170.2	185.7	200.9	215.5	229.6	244.5	259.7	274.2
70°	150.0	168.1	186.8	205.2	223.0	241.3	261.0	280.0	298.2	315.9	333.3
67.5°	176.3	198.0	219.2	240.7	264.3	287.3	309.5	331.9	353.5	374.2	393.6
65°	203.6	227.7	254.0	281.0	307.3	333.9	359.9	384.9	408.0	429.9	450.8
62.5°	230.5	260.7	291.0	321.2	351.6	381.1	408.6	434.9	460.2	484.5	507.6
60°	260.7	294.4	328.3	362.2	395.0	425.7	455.4	484.2	511.9	538.4	562.5
57.5°	291.0	328.3	365.8	401.8	436.0	469.2	501.5	532.7	561.6	589.1	615.4
55°	321.2	362.2	401.8	439.4	476.1	511.9	546.3	578.3	609.3	639.0	667.5
52.5°	351.6	395.0	436.0	476.1	515.5	553.0	588.5	622.9	656.1	686.8	712.7
50°	381.1	425.7	469.2	511.9	553.0	591.9	629.7	666.5	698.6	727.5	756.3
47.5°	408.6	455.4	501.5	546.3	588.5	629.7	670.0	704.5	736.5	769.1	800.7
45°	434.9	484.2	532.7	578.3	622.9	666.5	704.5	739.5	775.6	811.5	849.1
42.5°	460.2	511.9	561.6	609.3	656.1	698.6	736.5	775.6	815.1	856.6	895.4
40°	484.5	538.4	589.1	639.0	686.8	727.5	769.1	811.5	856.6	899.1	939.2
37.5°	507.6	562.5	615.4	667.5	712.7	756.3	800.7	849.1	895.4	939.2	990.7
35°	529.6	585.5	640.3	692.2	737.4	784.5	834.3	884.7	931.9	986.1	1043.2
32.5°	549.7	607.1	664.0	713.9	762.2	812.3	866.5	917.3	972.4	1032.5	1098.0
30°	568.2	627.5	685.2	734.3	785.6	840.7	895.7	949.8	1012.8	1081.6	1163.7
27.5°	585.5	646.5	702.7	754.3	808.2	867.2	922.8	985.4	1054.8	1132.6	1233.1
25°	601.4	664.0	719.0	773.1	831.0	891.0	949.6	1018.6	1095.3	1193.5	1310.0
22.5°	615.9	680.0	733.8	790.3	851.9	912.5	978.0	1052.8	1139.4	1250.7	1384.6
20°	629.1	692.2	747.7	806.3	871.0	932.0	1003.9	1084.6	1187.4	1314.3	1455.3
17.5°	640.8	703.2	760.5	821.8	887.2	951.4	1027.6	1113.2	1230.7	1371.8	1520.2
15°	651.0	712.7	771.6	835.5	901.3	970.1	1050.8	1147.0	1273.8	1423.2	1578.4
12.5°	659.7	720.8	781.1	847.1	913.4	986.2	1070.7	1177.2	1314.1	1469.0	1646.9
10°	666.9	727.5	789.0	856.8	923.3	999.4	1087.1	1202.2	1347.5	1507.1	1703.9
7.5°	672.5	732.7	795.1	864.3	931.1	1009.8	1100.0	1221.9	1373.8	1537.1	1748.9
5°	676.5	736.5	799.5	869.7	936.7	1017.3	1109.2	1236.0	1392.7	1558.7	1781.5
2.5°	678.9	738.7	802.1	872.9	940.1	1021.8	1114.8	1244.6	1404.2	1571.7	1801.1
0°	679.7	739.5	803.0	874.0	941.2	1023.3	1116.7	1247.4	1408.0	1576.1	1807.7
-2.5°	678.9	738.7	802.1	872.9	940.1	1021.8	1114.8	1244.6	1404.2	1571.7	1801.1
-5°	676.5	736.5	799.5	869.7	936.7	1017.3	1109.2	1236.0	1392.7	1558.7	1781.5
-7.5°	672.5	732.7	795.1	864.3	931.1	1009.8	1100.0	1221.9	1373.8	1537.1	1748.9
-10°	666.9	727.5	789.0	856.8	923.3	999.4	1087.1	1202.2	1347.5	1507.1	1703.9
-12.5°	659.7	720.8	781.1	847.1	913.4	986.2	1070.7	1177.2	1314.1	1469.0	1646.9
-15°	651.0	712.7	771.6	835.5	901.3	970.1	1050.8	1147.0	1273.8	1423.2	1578.4
-17.5°	640.8	703.2	760.5	821.8	887.2	951.4	1027.6	1113.2	1230.7	1371.8	1520.2
-20°	629.1	692.2	747.7	806.3	871.0	932.0	1003.9	1084.6	1187.4	1314.3	1455.3

Classified

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

Scaled Data Report



REPORT NUMBER: P624778 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-33

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	615.9	680.0	733.8	790.3	851.9	912.5	978.0	1052.8	1139.4	1250.7	1384.6
-25°	601.4	664.0	719.0	773.1	831.0	891.0	949.6	1018.6	1095.3	1193.5	1310.0
-27.5°	585.5	646.5	702.7	754.3	808.2	867.2	922.8	985.4	1054.8	1132.6	1233.1
-30°	568.2	627.5	685.2	734.3	785.6	840.7	895.7	949.8	1012.8	1081.6	1163.7
-32.5°	549.7	607.1	664.0	713.9	762.2	812.3	866.5	917.3	972.4	1032.5	1098.0
-35°	529.6	585.5	640.3	692.2	737.4	784.5	834.3	884.7	931.9	986.1	1043.2
-37.5°	507.6	562.5	615.4	667.5	712.7	756.3	800.7	849.1	895.4	939.2	990.7
-40°	484.5	538.4	589.1	639.0	686.8	727.5	769.1	811.5	856.6	899.1	939.2
-42.5°	460.2	511.9	561.6	609.3	656.1	698.6	736.5	775.6	815.1	856.6	895.4
-45°	434.9	484.2	532.7	578.3	622.9	666.5	704.5	739.5	775.6	811.5	849.1
-47.5°	408.6	455.4	501.5	546.3	588.5	629.7	670.0	704.5	736.5	769.1	800.7
-50°	381.1	425.7	469.2	511.9	553.0	591.9	629.7	666.5	698.6	727.5	756.3
-52.5°	351.6	395.0	436.0	476.1	515.5	553.0	588.5	622.9	656.1	686.8	712.7
-55°	321.2	362.2	401.8	439.4	476.1	511.9	546.3	578.3	609.3	639.0	667.5
-57.5°	291.0	328.3	365.8	401.8	436.0	469.2	501.5	532.7	561.6	589.1	615.4
-60°	260.7	294.4	328.3	362.2	395.0	425.7	455.4	484.2	511.9	538.4	562.5
-62.5°	230.5	260.7	291.0	321.2	351.6	381.1	408.6	434.9	460.2	484.5	507.6
-65°	203.6	227.7	254.0	281.0	307.3	333.9	359.9	384.9	408.0	429.9	450.8
-67.5°	176.3	198.0	219.2	240.7	264.3	287.3	309.5	331.9	353.5	374.2	393.6
-70°	150.0	168.1	186.8	205.2	223.0	241.3	261.0	280.0	298.2	315.9	333.3
-72.5°	123.5	139.4	155.0	170.2	185.7	200.9	215.5	229.6	244.5	259.7	274.2
-75°	100.6	110.8	123.8	136.8	149.4	161.7	173.6	185.7	197.2	208.3	218.8
-77.5°	80.4	88.9	97.3	105.4	113.7	123.9	133.7	143.2	152.2	160.9	169.1
-80°	61.2	66.9	73.5	80.0	86.3	92.4	98.3	104.0	109.4	115.5	122.0
-82.5°	44.2	48.4	52.6	56.7	60.6	64.4	68.3	72.5	76.6	80.4	84.1
-85°	27.6	29.9	32.6	35.4	38.0	40.5	43.0	45.3	47.6	49.7	51.8
-87.5°	13.8	14.9	16.1	17.1	18.2	19.2	20.2	21.1	22.0	22.9	23.7
-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: P624778 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-33

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°	24.5	25.2	25.9	26.5	27.1	27.6	28.1	28.5	28.9	29.2	29.4
85°	53.7	55.5	57.2	58.8	60.2	61.5	62.7	63.7	64.7	65.4	66.1
82.5°	87.6	90.9	93.9	96.7	99.3	101.7	103.9	105.7	107.4	108.8	109.9
80°	128.2	134.0	139.5	144.5	149.2	153.4	157.2	160.6	163.6	166.1	168.1
77.5°	177.2	185.0	192.2	198.9	205.1	210.8	215.9	220.4	224.3	227.7	230.4
75°	228.7	238.5	248.8	258.4	267.2	275.2	282.4	288.8	294.4	299.1	303.0
72.5°	287.9	300.8	313.0	324.7	335.6	345.4	354.3	362.2	369.1	375.0	379.8
70°	349.8	365.4	379.9	393.2	405.1	415.9	425.7	434.3	441.9	448.4	453.6
67.5°	411.4	428.1	443.8	458.4	471.9	484.2	495.2	505.1	513.7	521.0	527.0
65°	470.7	489.4	507.0	523.3	538.4	551.5	563.3	573.9	583.0	590.9	597.3
62.5°	529.6	549.7	568.2	585.5	601.4	615.9	629.1	640.8	651.0	659.7	666.9
60°	585.5	607.1	627.5	646.5	664.0	680.0	692.2	703.2	712.7	720.8	727.5
57.5°	640.3	664.0	685.2	702.7	719.0	733.8	747.7	760.5	771.6	781.1	789.0
55°	692.2	713.9	734.3	754.3	773.1	790.3	806.3	821.8	835.5	847.1	856.8
52.5°	737.4	762.2	785.6	808.2	831.0	851.9	871.0	887.2	901.3	913.4	923.3
50°	784.5	812.3	840.7	867.2	891.0	912.5	932.0	951.4	970.1	986.2	999.4
47.5°	834.3	866.5	895.7	922.8	949.6	978.0	1003.9	1027.6	1050.8	1070.7	1087.1
45°	884.7	917.3	949.8	985.4	1018.6	1052.8	1084.6	1113.2	1147.0	1177.2	1202.2
42.5°	931.9	972.4	1012.8	1054.8	1095.3	1139.4	1187.4	1230.7	1273.8	1314.1	1347.5
40°	986.1	1032.5	1081.6	1132.6	1193.5	1250.7	1314.3	1371.8	1423.2	1469.0	1507.1
37.5°	1043.2	1098.0	1163.7	1233.1	1310.0	1384.6	1455.3	1520.2	1578.4	1646.9	1703.9
35°	1103.4	1179.4	1259.4	1350.3	1437.4	1521.1	1606.8	1703.4	1789.3	1890.8	1983.0
32.5°	1179.4	1269.3	1370.7	1470.3	1566.1	1686.0	1800.5	1951.8	2089.9	2238.0	2386.6
30°	1259.4	1370.7	1481.3	1593.7	1734.5	1895.7	2078.3	2290.3	2511.7	2731.2	2986.9
27.5°	1350.3	1470.3	1593.7	1750.9	1945.8	2158.2	2448.3	2747.0	3125.3	3457.0	3922.3
25°	1437.4	1566.1	1734.5	1945.8	2196.9	2528.8	2944.3	3397.7	4041.1	4644.5	5410.2
22.5°	1521.1	1686.0	1895.7	2158.2	2528.8	3011.0	3589.2	4404.0	5394.3	6508.7	7733.6
20°	1606.8	1800.5	2078.3	2448.3	2944.3	3589.2	4527.0	5830.6	7299.6	9288.9	11183.1
17.5°	1703.4	1951.8	2290.3	2747.0	3397.7	4404.0	5830.6	7679.8	10095.2	13128.0	16040.6
15°	1789.3	2089.9	2511.7	3125.3	4041.1	5394.3	7299.6	10095.2	13795.1	18100.9	22996.3
12.5°	1890.8	2238.0	2731.2	3457.0	4644.5	6508.7	9288.9	13128.0	18100.9	24185.2	32227.0
10°	1983.0	2386.6	2986.9	3922.3	5410.2	7733.6	11183.1	16040.6	22996.3	32227.0	44481.2
7.5°	2055.9	2504.5	3190.4	4295.0	6104.6	8987.6	13317.6	19567.4	28369.5	40794.8	58236.9
5°	2108.7	2590.0	3338.4	4566.9	6613.5	9912.0	14903.4	22280.3	33047.8	49986.4	76321.3
2.5°	2140.6	2641.8	3428.3	4732.5	6924.4	10479.2	15881.9	23968.1	35993.3	55881.1	88269.8
0°	2151.3	2659.2	3458.5	4788.1	7029.0	10670.4	16212.9	24541.6	37001.0	57919.8	92481.9
-2.5°	2140.6	2641.8	3428.3	4732.5	6924.4	10479.2	15881.9	23968.1	35993.3	55881.1	88269.8
-5°	2108.7	2590.0	3338.4	4566.9	6613.5	9912.0	14903.4	22280.3	33047.8	49986.4	76321.3
-7.5°	2055.9	2504.5	3190.4	4295.0	6104.6	8987.6	13317.6	19567.4	28369.5	40794.8	58236.9
-10°	1983.0	2386.6	2986.9	3922.3	5410.2	7733.6	11183.1	16040.6	22996.3	32227.0	44481.2
-12.5°	1890.8	2238.0	2731.2	3457.0	4644.5	6508.7	9288.9	13128.0	18100.9	24185.2	32227.0
-15°	1789.3	2089.9	2511.7	3125.3	4041.1	5394.3	7299.6	10095.2	13795.1	18100.9	22996.3
-17.5°	1703.4	1951.8	2290.3	2747.0	3397.7	4404.0	5830.6	7679.8	10095.2	13128.0	16040.6
-20°	1606.8	1800.5	2078.3	2448.3	2944.3	3589.2	4527.0	5830.6	7299.6	9288.9	11183.1

Classified

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

Scaled Data Report



REPORT NUMBER: P624778 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-33

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1521.1	1686.0	1895.7	2158.2	2528.8	3011.0	3589.2	4404.0	5394.3	6508.7	7733.6
-25°	1437.4	1566.1	1734.5	1945.8	2196.9	2528.8	2944.3	3397.7	4041.1	4644.5	5410.2
-27.5°	1350.3	1470.3	1593.7	1750.9	1945.8	2158.2	2448.3	2747.0	3125.3	3457.0	3922.3
-30°	1259.4	1370.7	1481.3	1593.7	1734.5	1895.7	2078.3	2290.3	2511.7	2731.2	2986.9
-32.5°	1179.4	1269.3	1370.7	1470.3	1566.1	1686.0	1800.5	1951.8	2089.9	2238.0	2386.6
-35°	1103.4	1179.4	1259.4	1350.3	1437.4	1521.1	1606.8	1703.4	1789.3	1890.8	1983.0
-37.5°	1043.2	1098.0	1163.7	1233.1	1310.0	1384.6	1455.3	1520.2	1578.4	1646.9	1703.9
-40°	986.1	1032.5	1081.6	1132.6	1193.5	1250.7	1314.3	1371.8	1423.2	1469.0	1507.1
-42.5°	931.9	972.4	1012.8	1054.8	1095.3	1139.4	1187.4	1230.7	1273.8	1314.1	1347.5
-45°	884.7	917.3	949.8	985.4	1018.6	1052.8	1084.6	1113.2	1147.0	1177.2	1202.2
-47.5°	834.3	866.5	895.7	922.8	949.6	978.0	1003.9	1027.6	1050.8	1070.7	1087.1
-50°	784.5	812.3	840.7	867.2	891.0	912.5	932.0	951.4	970.1	986.2	999.4
-52.5°	737.4	762.2	785.6	808.2	831.0	851.9	871.0	887.2	901.3	913.4	923.3
-55°	692.2	713.9	734.3	754.3	773.1	790.3	806.3	821.8	835.5	847.1	856.8
-57.5°	640.3	664.0	685.2	702.7	719.0	733.8	747.7	760.5	771.6	781.1	789.0
-60°	585.5	607.1	627.5	646.5	664.0	680.0	692.2	703.2	712.7	720.8	727.5
-62.5°	529.6	549.7	568.2	585.5	601.4	615.9	629.1	640.8	651.0	659.7	666.9
-65°	470.7	489.4	507.0	523.3	538.4	551.5	563.3	573.9	583.0	590.9	597.3
-67.5°	411.4	428.1	443.8	458.4	471.9	484.2	495.2	505.1	513.7	521.0	527.0
-70°	349.8	365.4	379.9	393.2	405.1	415.9	425.7	434.3	441.9	448.4	453.6
-72.5°	287.9	300.8	313.0	324.7	335.6	345.4	354.3	362.2	369.1	375.0	379.8
-75°	228.7	238.5	248.8	258.4	267.2	275.2	282.4	288.8	294.4	299.1	303.0
-77.5°	177.2	185.0	192.2	198.9	205.1	210.8	215.9	220.4	224.3	227.7	230.4
-80°	128.2	134.0	139.5	144.5	149.2	153.4	157.2	160.6	163.6	166.1	168.1
-82.5°	87.6	90.9	93.9	96.7	99.3	101.7	103.9	105.7	107.4	108.8	109.9
-85°	53.7	55.5	57.2	58.8	60.2	61.5	62.7	63.7	64.7	65.4	66.1
-87.5°	24.5	25.2	25.9	26.5	27.1	27.6	28.1	28.5	28.9	29.2	29.4
-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: P624778 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-33

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°	29.6	29.8	29.9	29.9	29.9	29.8	29.6	29.4	29.2	28.9	28.5
85°	66.6	66.9	67.1	67.2	67.1	66.9	66.6	66.1	65.4	64.7	63.7
82.5°	110.8	111.5	111.9	112.0	111.9	111.5	110.8	109.9	108.8	107.4	105.7
80°	169.7	170.9	171.6	171.8	171.6	170.9	169.7	168.1	166.1	163.6	160.6
77.5°	232.5	234.1	235.0	235.3	235.0	234.1	232.5	230.4	227.7	224.3	220.4
75°	306.1	308.3	309.6	310.0	309.6	308.3	306.1	303.0	299.1	294.4	288.8
72.5°	383.6	386.2	387.9	388.4	387.9	386.2	383.6	379.8	375.0	369.1	362.2
70°	457.8	460.7	462.5	463.1	462.5	460.7	457.8	453.6	448.4	441.9	434.3
67.5°	531.7	535.1	537.1	537.8	537.1	535.1	531.7	527.0	521.0	513.7	505.1
65°	602.3	605.9	608.1	608.8	608.1	605.9	602.3	597.3	590.9	583.0	573.9
62.5°	672.5	676.5	678.9	679.7	678.9	676.5	672.5	666.9	659.7	651.0	640.8
60°	732.7	736.5	738.7	739.5	738.7	736.5	732.7	727.5	720.8	712.7	703.2
57.5°	795.1	799.5	802.1	803.0	802.1	799.5	795.1	789.0	781.1	771.6	760.5
55°	864.3	869.7	872.9	874.0	872.9	869.7	864.3	856.8	847.1	835.5	821.8
52.5°	931.1	936.7	940.1	941.2	940.1	936.7	931.1	923.3	913.4	901.3	887.2
50°	1009.8	1017.3	1021.8	1023.3	1021.8	1017.3	1009.8	999.4	986.2	970.1	951.4
47.5°	1100.0	1109.2	1114.8	1116.7	1114.8	1109.2	1100.0	1087.1	1070.7	1050.8	1027.6
45°	1221.9	1236.0	1244.6	1247.4	1244.6	1236.0	1221.9	1202.2	1177.2	1147.0	1113.2
42.5°	1373.8	1392.7	1404.2	1408.0	1404.2	1392.7	1373.8	1347.5	1314.1	1273.8	1230.7
40°	1537.1	1558.7	1571.7	1576.1	1571.7	1558.7	1537.1	1507.1	1469.0	1423.2	1371.8
37.5°	1748.9	1781.5	1801.1	1807.7	1801.1	1781.5	1748.9	1703.9	1646.9	1578.4	1520.2
35°	2055.9	2108.7	2140.6	2151.3	2140.6	2108.7	2055.9	1983.0	1890.8	1789.3	1703.4
32.5°	2504.5	2590.0	2641.8	2659.2	2641.8	2590.0	2504.5	2386.6	2238.0	2089.9	1951.8
30°	3190.4	3338.4	3428.3	3458.5	3428.3	3338.4	3190.4	2986.9	2731.2	2511.7	2290.3
27.5°	4295.0	4566.9	4732.5	4788.1	4732.5	4566.9	4295.0	3922.3	3457.0	3125.3	2747.0
25°	6104.6	6613.5	6924.4	7029.0	6924.4	6613.5	6104.6	5410.2	4644.5	4041.1	3397.7
22.5°	8987.6	9912.0	10479.2	10670.4	10479.2	9912.0	8987.6	7733.6	6508.7	5394.3	4404.0
20°	13317.6	14903.4	15881.9	16212.9	15881.9	14903.4	13317.6	11183.1	9288.9	7299.6	5830.6
17.5°	19567.4	22280.3	23968.1	24541.6	23968.1	22280.3	19567.4	16040.6	13128.0	10095.2	7679.8
15°	28369.5	33047.8	35993.3	37001.0	35993.3	33047.8	28369.5	22996.3	18100.9	13795.1	10095.2
12.5°	40794.8	49986.4	55881.1	57919.8	55881.1	49986.4	40794.8	32227.0	24185.2	18100.9	13128.0
10°	58236.9	76321.3	88269.8	92481.9	88269.8	76321.3	58236.9	44481.2	32227.0	22996.3	16040.6
7.5°	84305.7	114757.7	139463.8	148504.3	139463.8	114757.7	84305.7	58236.9	40794.8	28369.5	19567.4
5°	114757.7	161900.6	207577.1	225774.2	207577.1	161900.6	114757.7	76321.3	49986.4	33047.8	22280.3
2.5°	139463.8	207577.1	270168.8	301531.5	270168.8	207577.1	139463.8	88269.8	55881.1	35993.3	23968.1
0°	148504.3	225774.2	301531.5	334058.2	301531.5	225774.2	148504.3	92481.9	57919.8	37001.0	24541.6
-2.5°	139463.8	207577.1	270168.8	301531.5	270168.8	207577.1	139463.8	88269.8	55881.1	35993.3	23968.1
-5°	114757.7	161900.6	207577.1	225774.2	207577.1	161900.6	114757.7	76321.3	49986.4	33047.8	22280.3
-7.5°	84305.7	114757.7	139463.8	148504.3	139463.8	114757.7	84305.7	58236.9	40794.8	28369.5	19567.4
-10°	58236.9	76321.3	88269.8	92481.9	88269.8	76321.3	58236.9	44481.2	32227.0	22996.3	16040.6
-12.5°	40794.8	49986.4	55881.1	57919.8	55881.1	49986.4	40794.8	32227.0	24185.2	18100.9	13128.0
-15°	28369.5	33047.8	35993.3	37001.0	35993.3	33047.8	28369.5	22996.3	18100.9	13795.1	10095.2
-17.5°	19567.4	22280.3	23968.1	24541.6	23968.1	22280.3	19567.4	16040.6	13128.0	10095.2	7679.8
-20°	13317.6	14903.4	15881.9	16212.9	15881.9	14903.4	13317.6	11183.1	9288.9	7299.6	5830.6



REPORT NUMBER: P624778 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-33

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8987.6	9912.0	10479.2	10670.4	10479.2	9912.0	8987.6	7733.6	6508.7	5394.3	4404.0
-25°	6104.6	6613.5	6924.4	7029.0	6924.4	6613.5	6104.6	5410.2	4644.5	4041.1	3397.7
-27.5°	4295.0	4566.9	4732.5	4788.1	4732.5	4566.9	4295.0	3922.3	3457.0	3125.3	2747.0
-30°	3190.4	3338.4	3428.3	3458.5	3428.3	3338.4	3190.4	2986.9	2731.2	2511.7	2290.3
-32.5°	2504.5	2590.0	2641.8	2659.2	2641.8	2590.0	2504.5	2386.6	2238.0	2089.9	1951.8
-35°	2055.9	2108.7	2140.6	2151.3	2140.6	2108.7	2055.9	1983.0	1890.8	1789.3	1703.4
-37.5°	1748.9	1781.5	1801.1	1807.7	1801.1	1781.5	1748.9	1703.9	1646.9	1578.4	1520.2
-40°	1537.1	1558.7	1571.7	1576.1	1571.7	1558.7	1537.1	1507.1	1469.0	1423.2	1371.8
-42.5°	1373.8	1392.7	1404.2	1408.0	1404.2	1392.7	1373.8	1347.5	1314.1	1273.8	1230.7
-45°	1221.9	1236.0	1244.6	1247.4	1244.6	1236.0	1221.9	1202.2	1177.2	1147.0	1113.2
-47.5°	1100.0	1109.2	1114.8	1116.7	1114.8	1109.2	1100.0	1087.1	1070.7	1050.8	1027.6
-50°	1009.8	1017.3	1021.8	1023.3	1021.8	1017.3	1009.8	999.4	986.2	970.1	951.4
-52.5°	931.1	936.7	940.1	941.2	940.1	936.7	931.1	923.3	913.4	901.3	887.2
-55°	864.3	869.7	872.9	874.0	872.9	869.7	864.3	856.8	847.1	835.5	821.8
-57.5°	795.1	799.5	802.1	803.0	802.1	799.5	795.1	789.0	781.1	771.6	760.5
-60°	732.7	736.5	738.7	739.5	738.7	736.5	732.7	727.5	720.8	712.7	703.2
-62.5°	672.5	676.5	678.9	679.7	678.9	676.5	672.5	666.9	659.7	651.0	640.8
-65°	602.3	605.9	608.1	608.8	608.1	605.9	602.3	597.3	590.9	583.0	573.9
-67.5°	531.7	535.1	537.1	537.8	537.1	535.1	531.7	527.0	521.0	513.7	505.1
-70°	457.8	460.7	462.5	463.1	462.5	460.7	457.8	453.6	448.4	441.9	434.3
-72.5°	383.6	386.2	387.9	388.4	387.9	386.2	383.6	379.8	375.0	369.1	362.2
-75°	306.1	308.3	309.6	310.0	309.6	308.3	306.1	303.0	299.1	294.4	288.8
-77.5°	232.5	234.1	235.0	235.3	235.0	234.1	232.5	230.4	227.7	224.3	220.4
-80°	169.7	170.9	171.6	171.8	171.6	170.9	169.7	168.1	166.1	163.6	160.6
-82.5°	110.8	111.5	111.9	112.0	111.9	111.5	110.8	109.9	108.8	107.4	105.7
-85°	66.6	66.9	67.1	67.2	67.1	66.9	66.6	66.1	65.4	64.7	63.7
-87.5°	29.6	29.8	29.9	29.9	29.9	29.8	29.6	29.4	29.2	28.9	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: P624778 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-33

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°	28.1	27.6	27.1	26.5	25.9	25.2	24.5	23.7	22.9	22.0	21.1
85°	62.7	61.5	60.2	58.8	57.2	55.5	53.7	51.8	49.7	47.6	45.3
82.5°	103.9	101.7	99.3	96.7	93.9	90.9	87.6	84.1	80.4	76.6	72.5
80°	157.2	153.4	149.2	144.5	139.5	134.0	128.2	122.0	115.5	109.4	104.0
77.5°	215.9	210.8	205.1	198.9	192.2	185.0	177.2	169.1	160.9	152.2	143.2
75°	282.4	275.2	267.2	258.4	248.8	238.5	228.7	218.8	208.3	197.2	185.7
72.5°	354.3	345.4	335.6	324.7	313.0	300.8	287.9	274.2	259.7	244.5	229.6
70°	425.7	415.9	405.1	393.2	379.9	365.4	349.8	333.3	315.9	298.2	280.0
67.5°	495.2	484.2	471.9	458.4	443.8	428.1	411.4	393.6	374.2	353.5	331.9
65°	563.3	551.5	538.4	523.3	507.0	489.4	470.7	450.8	429.9	408.0	384.9
62.5°	629.1	615.9	601.4	585.5	568.2	549.7	529.6	507.6	484.5	460.2	434.9
60°	692.2	680.0	664.0	646.5	627.5	607.1	585.5	562.5	538.4	511.9	484.2
57.5°	747.7	733.8	719.0	702.7	685.2	664.0	640.3	615.4	589.1	561.6	532.7
55°	806.3	790.3	773.1	754.3	734.3	713.9	692.2	667.5	639.0	609.3	578.3
52.5°	871.0	851.9	831.0	808.2	785.6	762.2	737.4	712.7	686.8	656.1	622.9
50°	932.0	912.5	891.0	867.2	840.7	812.3	784.5	756.3	727.5	698.6	666.5
47.5°	1003.9	978.0	949.6	922.8	895.7	866.5	834.3	800.7	769.1	736.5	704.5
45°	1084.6	1052.8	1018.6	985.4	949.8	917.3	884.7	849.1	811.5	775.6	739.5
42.5°	1187.4	1139.4	1095.3	1054.8	1012.8	972.4	931.9	895.4	856.6	815.1	775.6
40°	1314.3	1250.7	1193.5	1132.6	1081.6	1032.5	986.1	939.2	899.1	856.6	811.5
37.5°	1455.3	1384.6	1310.0	1233.1	1163.7	1098.0	1043.2	990.7	939.2	895.4	849.1
35°	1606.8	1521.1	1437.4	1350.3	1259.4	1179.4	1103.4	1043.2	986.1	931.9	884.7
32.5°	1800.5	1686.0	1566.1	1470.3	1370.7	1269.3	1179.4	1098.0	1032.5	972.4	917.3
30°	2078.3	1895.7	1734.5	1593.7	1481.3	1370.7	1259.4	1163.7	1081.6	1012.8	949.8
27.5°	2448.3	2158.2	1945.8	1750.9	1593.7	1470.3	1350.3	1233.1	1132.6	1054.8	985.4
25°	2944.3	2528.8	2196.9	1945.8	1734.5	1566.1	1437.4	1310.0	1193.5	1095.3	1018.6
22.5°	3589.2	3011.0	2528.8	2158.2	1895.7	1686.0	1521.1	1384.6	1250.7	1139.4	1052.8
20°	4527.0	3589.2	2944.3	2448.3	2078.3	1800.5	1606.8	1455.3	1314.3	1187.4	1084.6
17.5°	5830.6	4404.0	3397.7	2747.0	2290.3	1951.8	1703.4	1520.2	1371.8	1230.7	1113.2
15°	7299.6	5394.3	4041.1	3125.3	2511.7	2089.9	1789.3	1578.4	1423.2	1273.8	1147.0
12.5°	9288.9	6508.7	4644.5	3457.0	2731.2	2238.0	1890.8	1646.9	1469.0	1314.1	1177.2
10°	11183.1	7733.6	5410.2	3922.3	2986.9	2386.6	1983.0	1703.9	1507.1	1347.5	1202.2
7.5°	13317.6	8987.6	6104.6	4295.0	3190.4	2504.5	2055.9	1748.9	1537.1	1373.8	1221.9
5°	14903.4	9912.0	6613.5	4566.9	3338.4	2590.0	2108.7	1781.5	1558.7	1392.7	1236.0
2.5°	15881.9	10479.2	6924.4	4732.5	3428.3	2641.8	2140.6	1801.1	1571.7	1404.2	1244.6
0°	16212.9	10670.4	7029.0	4788.1	3458.5	2659.2	2151.3	1807.7	1576.1	1408.0	1247.4
-2.5°	15881.9	10479.2	6924.4	4732.5	3428.3	2641.8	2140.6	1801.1	1571.7	1404.2	1244.6
-5°	14903.4	9912.0	6613.5	4566.9	3338.4	2590.0	2108.7	1781.5	1558.7	1392.7	1236.0
-7.5°	13317.6	8987.6	6104.6	4295.0	3190.4	2504.5	2055.9	1748.9	1537.1	1373.8	1221.9
-10°	11183.1	7733.6	5410.2	3922.3	2986.9	2386.6	1983.0	1703.9	1507.1	1347.5	1202.2
-12.5°	9288.9	6508.7	4644.5	3457.0	2731.2	2238.0	1890.8	1646.9	1469.0	1314.1	1177.2
-15°	7299.6	5394.3	4041.1	3125.3	2511.7	2089.9	1789.3	1578.4	1423.2	1273.8	1147.0
-17.5°	5830.6	4404.0	3397.7	2747.0	2290.3	1951.8	1703.4	1520.2	1371.8	1230.7	1113.2
-20°	4527.0	3589.2	2944.3	2448.3	2078.3	1800.5	1606.8	1455.3	1314.3	1187.4	1084.6

Classified

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

Scaled Data Report



REPORT NUMBER: P624778 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-33

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3589.2	3011.0	2528.8	2158.2	1895.7	1686.0	1521.1	1384.6	1250.7	1139.4	1052.8
-25°	2944.3	2528.8	2196.9	1945.8	1734.5	1566.1	1437.4	1310.0	1193.5	1095.3	1018.6
-27.5°	2448.3	2158.2	1945.8	1750.9	1593.7	1470.3	1350.3	1233.1	1132.6	1054.8	985.4
-30°	2078.3	1895.7	1734.5	1593.7	1481.3	1370.7	1259.4	1163.7	1081.6	1012.8	949.8
-32.5°	1800.5	1686.0	1566.1	1470.3	1370.7	1269.3	1179.4	1098.0	1032.5	972.4	917.3
-35°	1606.8	1521.1	1437.4	1350.3	1259.4	1179.4	1103.4	1043.2	986.1	931.9	884.7
-37.5°	1455.3	1384.6	1310.0	1233.1	1163.7	1098.0	1043.2	990.7	939.2	895.4	849.1
-40°	1314.3	1250.7	1193.5	1132.6	1081.6	1032.5	986.1	939.2	899.1	856.6	811.5
-42.5°	1187.4	1139.4	1095.3	1054.8	1012.8	972.4	931.9	895.4	856.6	815.1	775.6
-45°	1084.6	1052.8	1018.6	985.4	949.8	917.3	884.7	849.1	811.5	775.6	739.5
-47.5°	1003.9	978.0	949.6	922.8	895.7	866.5	834.3	800.7	769.1	736.5	704.5
-50°	932.0	912.5	891.0	867.2	840.7	812.3	784.5	756.3	727.5	698.6	666.5
-52.5°	871.0	851.9	831.0	808.2	785.6	762.2	737.4	712.7	686.8	656.1	622.9
-55°	806.3	790.3	773.1	754.3	734.3	713.9	692.2	667.5	639.0	609.3	578.3
-57.5°	747.7	733.8	719.0	702.7	685.2	664.0	640.3	615.4	589.1	561.6	532.7
-60°	692.2	680.0	664.0	646.5	627.5	607.1	585.5	562.5	538.4	511.9	484.2
-62.5°	629.1	615.9	601.4	585.5	568.2	549.7	529.6	507.6	484.5	460.2	434.9
-65°	563.3	551.5	538.4	523.3	507.0	489.4	470.7	450.8	429.9	408.0	384.9
-67.5°	495.2	484.2	471.9	458.4	443.8	428.1	411.4	393.6	374.2	353.5	331.9
-70°	425.7	415.9	405.1	393.2	379.9	365.4	349.8	333.3	315.9	298.2	280.0
-72.5°	354.3	345.4	335.6	324.7	313.0	300.8	287.9	274.2	259.7	244.5	229.6
-75°	282.4	275.2	267.2	258.4	248.8	238.5	228.7	218.8	208.3	197.2	185.7
-77.5°	215.9	210.8	205.1	198.9	192.2	185.0	177.2	169.1	160.9	152.2	143.2
-80°	157.2	153.4	149.2	144.5	139.5	134.0	128.2	122.0	115.5	109.4	104.0
-82.5°	103.9	101.7	99.3	96.7	93.9	90.9	87.6	84.1	80.4	76.6	72.5
-85°	62.7	61.5	60.2	58.8	57.2	55.5	53.7	51.8	49.7	47.6	45.3
-87.5°	28.1	27.6	27.1	26.5	25.9	25.2	24.5	23.7	22.9	22.0	21.1
-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: P624778 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-33

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°	20.2	19.2	18.2	17.1	16.1	14.9	13.8	12.6	11.4	10.2	9.0
85°	43.0	40.5	38.0	35.4	32.6	29.9	27.6	25.2	22.9	20.4	18.0
82.5°	68.3	64.4	60.6	56.7	52.6	48.4	44.2	39.8	35.3	30.8	26.9
80°	98.3	92.4	86.3	80.0	73.5	66.9	61.2	55.4	49.4	43.4	37.3
77.5°	133.7	123.9	113.7	105.4	97.3	88.9	80.4	71.6	63.5	55.9	48.3
75°	173.6	161.7	149.4	136.8	123.8	110.8	100.6	90.1	79.5	68.6	59.2
72.5°	215.5	200.9	185.7	170.2	155.0	139.4	123.5	108.4	96.0	83.4	70.6
70°	261.0	241.3	223.0	205.2	186.8	168.1	150.0	131.4	112.5	98.0	83.4
67.5°	309.5	287.3	264.3	240.7	219.2	198.0	176.3	155.2	134.0	112.5	96.0
65°	359.9	333.9	307.3	281.0	254.0	227.7	203.6	179.1	155.2	131.4	108.4
62.5°	408.6	381.1	351.6	321.2	291.0	260.7	230.5	203.6	176.3	150.0	123.5
60°	455.4	425.7	395.0	362.2	328.3	294.4	260.7	227.7	198.0	168.1	139.4
57.5°	501.5	469.2	436.0	401.8	365.8	328.3	291.0	254.0	219.2	186.8	155.0
55°	546.3	511.9	476.1	439.4	401.8	362.2	321.2	281.0	240.7	205.2	170.2
52.5°	588.5	553.0	515.5	476.1	436.0	395.0	351.6	307.3	264.3	223.0	185.7
50°	629.7	591.9	553.0	511.9	469.2	425.7	381.1	333.9	287.3	241.3	200.9
47.5°	670.0	629.7	588.5	546.3	501.5	455.4	408.6	359.9	309.5	261.0	215.5
45°	704.5	666.5	622.9	578.3	532.7	484.2	434.9	384.9	331.9	280.0	229.6
42.5°	736.5	698.6	656.1	609.3	561.6	511.9	460.2	408.0	353.5	298.2	244.5
40°	769.1	727.5	686.8	639.0	589.1	538.4	484.5	429.9	374.2	315.9	259.7
37.5°	800.7	756.3	712.7	667.5	615.4	562.5	507.6	450.8	393.6	333.3	274.2
35°	834.3	784.5	737.4	692.2	640.3	585.5	529.6	470.7	411.4	349.8	287.9
32.5°	866.5	812.3	762.2	713.9	664.0	607.1	549.7	489.4	428.1	365.4	300.8
30°	895.7	840.7	785.6	734.3	685.2	627.5	568.2	507.0	443.8	379.9	313.0
27.5°	922.8	867.2	808.2	754.3	702.7	646.5	585.5	523.3	458.4	393.2	324.7
25°	949.6	891.0	831.0	773.1	719.0	664.0	601.4	538.4	471.9	405.1	335.6
22.5°	978.0	912.5	851.9	790.3	733.8	680.0	615.9	551.5	484.2	415.9	345.4
20°	1003.9	932.0	871.0	806.3	747.7	692.2	629.1	563.3	495.2	425.7	354.3
17.5°	1027.6	951.4	887.2	821.8	760.5	703.2	640.8	573.9	505.1	434.3	362.2
15°	1050.8	970.1	901.3	835.5	771.6	712.7	651.0	583.0	513.7	441.9	369.1
12.5°	1070.7	986.2	913.4	847.1	781.1	720.8	659.7	590.9	521.0	448.4	375.0
10°	1087.1	999.4	923.3	856.8	789.0	727.5	666.9	597.3	527.0	453.6	379.8
7.5°	1100.0	1009.8	931.1	864.3	795.1	732.7	672.5	602.3	531.7	457.8	383.6
5°	1109.2	1017.3	936.7	869.7	799.5	736.5	676.5	605.9	535.1	460.7	386.2
2.5°	1114.8	1021.8	940.1	872.9	802.1	738.7	678.9	608.1	537.1	462.5	387.9
0°	1116.7	1023.3	941.2	874.0	803.0	739.5	679.7	608.8	537.8	463.1	388.4
-2.5°	1114.8	1021.8	940.1	872.9	802.1	738.7	678.9	608.1	537.1	462.5	387.9
-5°	1109.2	1017.3	936.7	869.7	799.5	736.5	676.5	605.9	535.1	460.7	386.2
-7.5°	1100.0	1009.8	931.1	864.3	795.1	732.7	672.5	602.3	531.7	457.8	383.6
-10°	1087.1	999.4	923.3	856.8	789.0	727.5	666.9	597.3	527.0	453.6	379.8
-12.5°	1070.7	986.2	913.4	847.1	781.1	720.8	659.7	590.9	521.0	448.4	375.0
-15°	1050.8	970.1	901.3	835.5	771.6	712.7	651.0	583.0	513.7	441.9	369.1
-17.5°	1027.6	951.4	887.2	821.8	760.5	703.2	640.8	573.9	505.1	434.3	362.2
-20°	1003.9	932.0	871.0	806.3	747.7	692.2	629.1	563.3	495.2	425.7	354.3

Classified

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

Scaled Data Report



REPORT NUMBER: P624778 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-33

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	978.0	912.5	851.9	790.3	733.8	680.0	615.9	551.5	484.2	415.9	345.4
-25°	949.6	891.0	831.0	773.1	719.0	664.0	601.4	538.4	471.9	405.1	335.6
-27.5°	922.8	867.2	808.2	754.3	702.7	646.5	585.5	523.3	458.4	393.2	324.7
-30°	895.7	840.7	785.6	734.3	685.2	627.5	568.2	507.0	443.8	379.9	313.0
-32.5°	866.5	812.3	762.2	713.9	664.0	607.1	549.7	489.4	428.1	365.4	300.8
-35°	834.3	784.5	737.4	692.2	640.3	585.5	529.6	470.7	411.4	349.8	287.9
-37.5°	800.7	756.3	712.7	667.5	615.4	562.5	507.6	450.8	393.6	333.3	274.2
-40°	769.1	727.5	686.8	639.0	589.1	538.4	484.5	429.9	374.2	315.9	259.7
-42.5°	736.5	698.6	656.1	609.3	561.6	511.9	460.2	408.0	353.5	298.2	244.5
-45°	704.5	666.5	622.9	578.3	532.7	484.2	434.9	384.9	331.9	280.0	229.6
-47.5°	670.0	629.7	588.5	546.3	501.5	455.4	408.6	359.9	309.5	261.0	215.5
-50°	629.7	591.9	553.0	511.9	469.2	425.7	381.1	333.9	287.3	241.3	200.9
-52.5°	588.5	553.0	515.5	476.1	436.0	395.0	351.6	307.3	264.3	223.0	185.7
-55°	546.3	511.9	476.1	439.4	401.8	362.2	321.2	281.0	240.7	205.2	170.2
-57.5°	501.5	469.2	436.0	401.8	365.8	328.3	291.0	254.0	219.2	186.8	155.0
-60°	455.4	425.7	395.0	362.2	328.3	294.4	260.7	227.7	198.0	168.1	139.4
-62.5°	408.6	381.1	351.6	321.2	291.0	260.7	230.5	203.6	176.3	150.0	123.5
-65°	359.9	333.9	307.3	281.0	254.0	227.7	203.6	179.1	155.2	131.4	108.4
-67.5°	309.5	287.3	264.3	240.7	219.2	198.0	176.3	155.2	134.0	112.5	96.0
-70°	261.0	241.3	223.0	205.2	186.8	168.1	150.0	131.4	112.5	98.0	83.4
-72.5°	215.5	200.9	185.7	170.2	155.0	139.4	123.5	108.4	96.0	83.4	70.6
-75°	173.6	161.7	149.4	136.8	123.8	110.8	100.6	90.1	79.5	68.6	59.2
-77.5°	133.7	123.9	113.7	105.4	97.3	88.9	80.4	71.6	63.5	55.9	48.3
-80°	98.3	92.4	86.3	80.0	73.5	66.9	61.2	55.4	49.4	43.4	37.3
-82.5°	68.3	64.4	60.6	56.7	52.6	48.4	44.2	39.8	35.3	30.8	26.9
-85°	43.0	40.5	38.0	35.4	32.6	29.9	27.6	25.2	22.9	20.4	18.0
-87.5°	20.2	19.2	18.2	17.1	16.1	14.9	13.8	12.6	11.4	10.2	9.0
-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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REPORT NUMBER: P624778 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-33

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°	7.7	6.5	5.2	3.9	2.6	1.3	0.0
85°	15.5	12.9	10.4	7.8	5.2	2.6	0.0
82.5°	23.2	19.4	15.5	11.7	7.8	3.9	0.0
80°	31.0	25.8	20.7	15.5	10.4	5.2	0.0
77.5°	40.5	32.7	25.8	19.4	12.9	6.5	0.0
75°	49.9	40.5	31.0	23.2	15.5	7.7	0.0
72.5°	59.2	48.3	37.3	26.9	18.0	9.0	0.0
70°	68.6	55.9	43.4	30.8	20.4	10.2	0.0
67.5°	79.5	63.5	49.4	35.3	22.9	11.4	0.0
65°	90.1	71.6	55.4	39.8	25.2	12.6	0.0
62.5°	100.6	80.4	61.2	44.2	27.6	13.8	0.0
60°	110.8	88.9	66.9	48.4	29.9	14.9	0.0
57.5°	123.8	97.3	73.5	52.6	32.6	16.1	0.0
55°	136.8	105.4	80.0	56.7	35.4	17.1	0.0
52.5°	149.4	113.7	86.3	60.6	38.0	18.2	0.0
50°	161.7	123.9	92.4	64.4	40.5	19.2	0.0
47.5°	173.6	133.7	98.3	68.3	43.0	20.2	0.0
45°	185.7	143.2	104.0	72.5	45.3	21.1	0.0
42.5°	197.2	152.2	109.4	76.6	47.6	22.0	0.0
40°	208.3	160.9	115.5	80.4	49.7	22.9	0.0
37.5°	218.8	169.1	122.0	84.1	51.8	23.7	0.0
35°	228.7	177.2	128.2	87.6	53.7	24.5	0.0
32.5°	238.5	185.0	134.0	90.9	55.5	25.2	0.0
30°	248.8	192.2	139.5	93.9	57.2	25.9	0.0
27.5°	258.4	198.9	144.5	96.7	58.8	26.5	0.0
25°	267.2	205.1	149.2	99.3	60.2	27.1	0.0
22.5°	275.2	210.8	153.4	101.7	61.5	27.6	0.0
20°	282.4	215.9	157.2	103.9	62.7	28.1	0.0
17.5°	288.8	220.4	160.6	105.7	63.7	28.5	0.0
15°	294.4	224.3	163.6	107.4	64.7	28.9	0.0
12.5°	299.1	227.7	166.1	108.8	65.4	29.2	0.0
10°	303.0	230.4	168.1	109.9	66.1	29.4	0.0
7.5°	306.1	232.5	169.7	110.8	66.6	29.6	0.0
5°	308.3	234.1	170.9	111.5	66.9	29.8	0.0
2.5°	309.6	235.0	171.6	111.9	67.1	29.9	0.0
0°	310.0	235.3	171.8	112.0	67.2	29.9	0.0
-2.5°	309.6	235.0	171.6	111.9	67.1	29.9	0.0
-5°	308.3	234.1	170.9	111.5	66.9	29.8	0.0
-7.5°	306.1	232.5	169.7	110.8	66.6	29.6	0.0
-10°	303.0	230.4	168.1	109.9	66.1	29.4	0.0
-12.5°	299.1	227.7	166.1	108.8	65.4	29.2	0.0
-15°	294.4	224.3	163.6	107.4	64.7	28.9	0.0
-17.5°	288.8	220.4	160.6	105.7	63.7	28.5	0.0
-20°	282.4	215.9	157.2	103.9	62.7	28.1	0.0

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REPORT NUMBER: P624778 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-33

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	275.2	210.8	153.4	101.7	61.5	27.6	0.0
-25°	267.2	205.1	149.2	99.3	60.2	27.1	0.0
-27.5°	258.4	198.9	144.5	96.7	58.8	26.5	0.0
-30°	248.8	192.2	139.5	93.9	57.2	25.9	0.0
-32.5°	238.5	185.0	134.0	90.9	55.5	25.2	0.0
-35°	228.7	177.2	128.2	87.6	53.7	24.5	0.0
-37.5°	218.8	169.1	122.0	84.1	51.8	23.7	0.0
-40°	208.3	160.9	115.5	80.4	49.7	22.9	0.0
-42.5°	197.2	152.2	109.4	76.6	47.6	22.0	0.0
-45°	185.7	143.2	104.0	72.5	45.3	21.1	0.0
-47.5°	173.6	133.7	98.3	68.3	43.0	20.2	0.0
-50°	161.7	123.9	92.4	64.4	40.5	19.2	0.0
-52.5°	149.4	113.7	86.3	60.6	38.0	18.2	0.0
-55°	136.8	105.4	80.0	56.7	35.4	17.1	0.0
-57.5°	123.8	97.3	73.5	52.6	32.6	16.1	0.0
-60°	110.8	88.9	66.9	48.4	29.9	14.9	0.0
-62.5°	100.6	80.4	61.2	44.2	27.6	13.8	0.0
-65°	90.1	71.6	55.4	39.8	25.2	12.6	0.0
-67.5°	79.5	63.5	49.4	35.3	22.9	11.4	0.0
-70°	68.6	55.9	43.4	30.8	20.4	10.2	0.0
-72.5°	59.2	48.3	37.3	26.9	18.0	9.0	0.0
-75°	49.9	40.5	31.0	23.2	15.5	7.7	0.0
-77.5°	40.5	32.7	25.8	19.4	12.9	6.5	0.0
-80°	31.0	25.8	20.7	15.5	10.4	5.2	0.0
-82.5°	23.2	19.4	15.5	11.7	7.8	3.9	0.0
-85°	15.5	12.9	10.4	7.8	5.2	2.6	0.0
-87.5°	7.7	6.5	5.2	3.9	2.6	1.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)