

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: P624760 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-VN-04-E-PRO-5700K-66**

Issue Date: 11/8/2022



Test Information

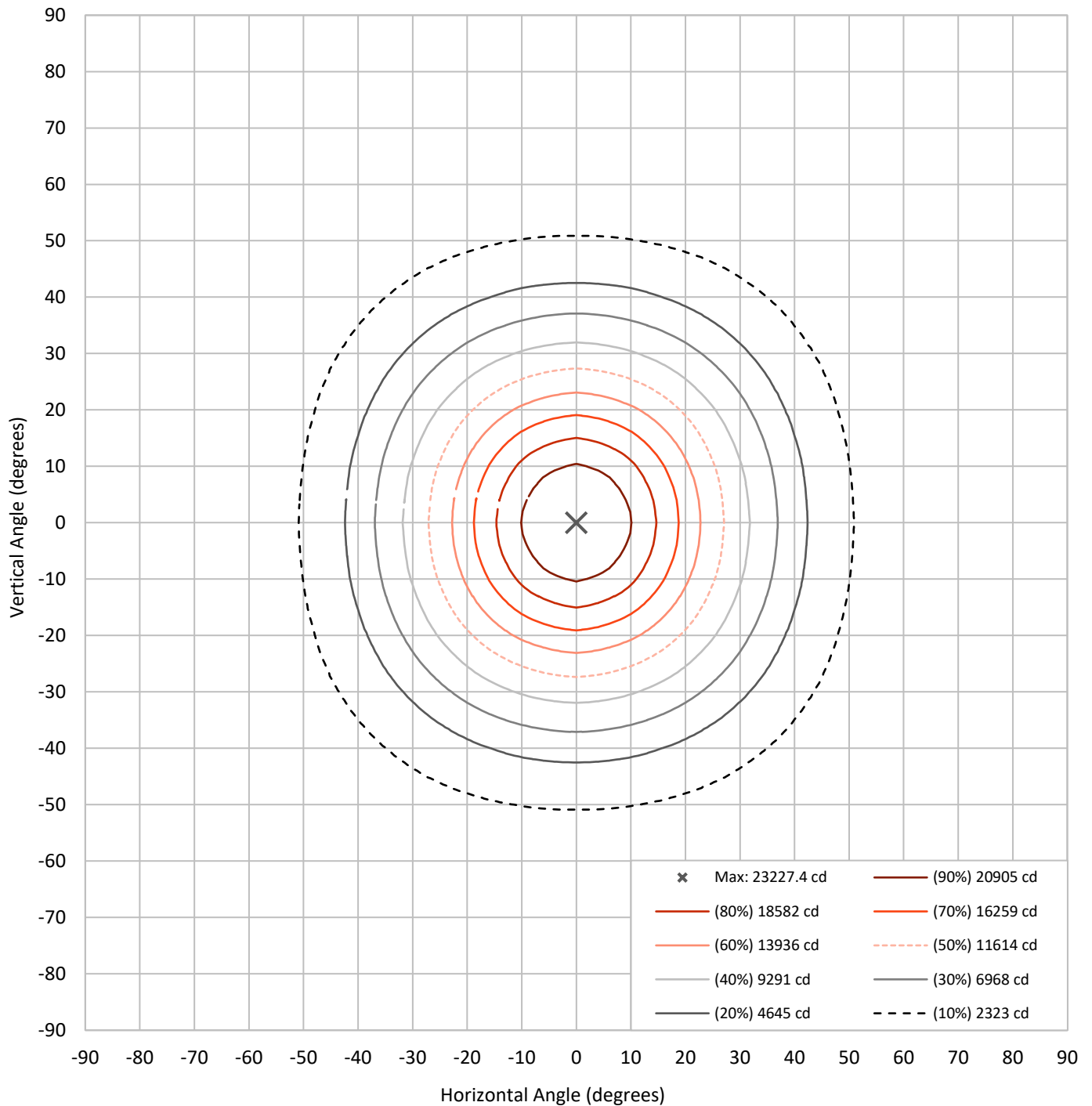
Test Method: LM-79-08
Report Number: P624760 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-765-3)
Test Lab: INNOVATION CENTER
Issue Date: 11/8/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-VN-04-E-PRO-5700K-66
Description: EPHESUS LUMAVISION CCT TUNING FLOOD
3000K AND TYPE 66 OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	24085.1 lumens	Max Intensity:	23227.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	127.4 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	54.2°H x 54.7°V	Field Angle (10%):	101.7°H x 101.8°V
Beam Lumens:	11582.2 lumens	Field Lumens:	21137.3 lumens
Beam Efficiency:	48.1%	Field Efficiency:	87.8%
Input Watts (W):	189		
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: P624760 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-VN-04-E-PRO-5700K-66

Iso-Candela Plot





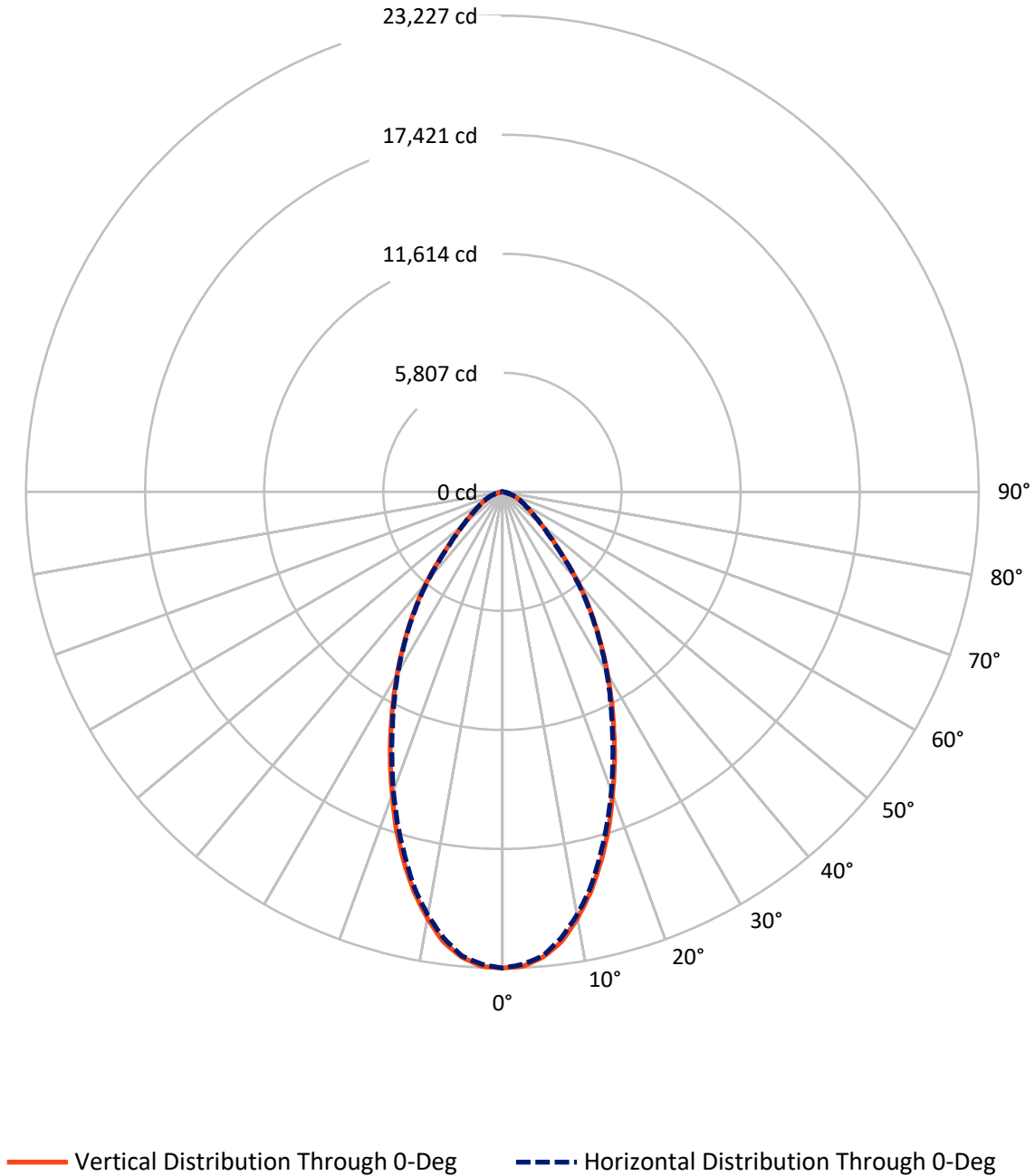
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Lumen Table

90																			
80	1.7	10.3		20.8		31.7		27.1		31.7		20.8		10.3		1.7			
70	4.2	4.5	8.0	12.2	17.1	21.8	25.5	27.3	27.3	25.5	21.8	17.1	12.2	8.0	4.5	4.2			
60		6.0	11.4	18.7	28.1	38.2	47.4	52.9	52.9	47.4	38.2	28.1	18.7	11.4	6.0				
50	5.7	7.5	15.3	27.6	45.7	70.2	96.6	114.5	114.5	96.6	70.2	45.7	27.6	15.3	7.5	5.7			
40		8.9	19.7	39.7	76.1	134.7	195.9	233.7	233.7	195.9	134.7	76.1	39.7	19.7	8.9				
30	6.6	10.3	24.3	55.0	121.9	220.0	315.9	379.2	379.2	315.9	220.0	121.9	55.0	24.3	10.3	6.6			
20		11.3	28.3	70.8	166.0	296.2	438.5	541.5	541.5	438.5	296.2	166.0	70.8	28.3	11.3				
10	6.9	11.9	30.7	81.1	191.4	343.5	523.1	657.5	657.5	523.1	343.5	191.4	81.1	30.7	11.9	6.9			
0		11.9	30.7	81.1	191.4	343.5	523.1	657.5	657.5	523.1	343.5	191.4	81.1	30.7	11.9				
-10	6.6	11.3	28.3	70.8	166.0	296.2	438.5	541.5	541.5	438.5	296.2	166.0	70.8	28.3	11.3	6.6			
-20		10.3	24.3	55.0	121.9	220.0	315.9	379.2	379.2	315.9	220.0	121.9	55.0	24.3	10.3				
-30	5.7	8.9	19.7	39.7	76.1	134.7	195.9	233.7	233.7	195.9	134.7	76.1	39.7	19.7	8.9	5.7			
-40		7.5	15.3	27.6	45.7	70.2	96.6	114.5	114.5	96.6	70.2	45.7	27.6	15.3	7.5				
-50	4.2	6.0	11.4	18.7	28.1	38.2	47.4	52.9	52.9	47.4	38.2	28.1	18.7	11.4	6.0	4.2			
-60		4.5	8.0	12.2	17.1	21.8	25.5	27.3	27.3	25.5	21.8	17.1	12.2	8.0	4.5				
-70	1.7	10.3		20.8		31.7		27.1		31.7		20.8		10.3		1.7			
-80																			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

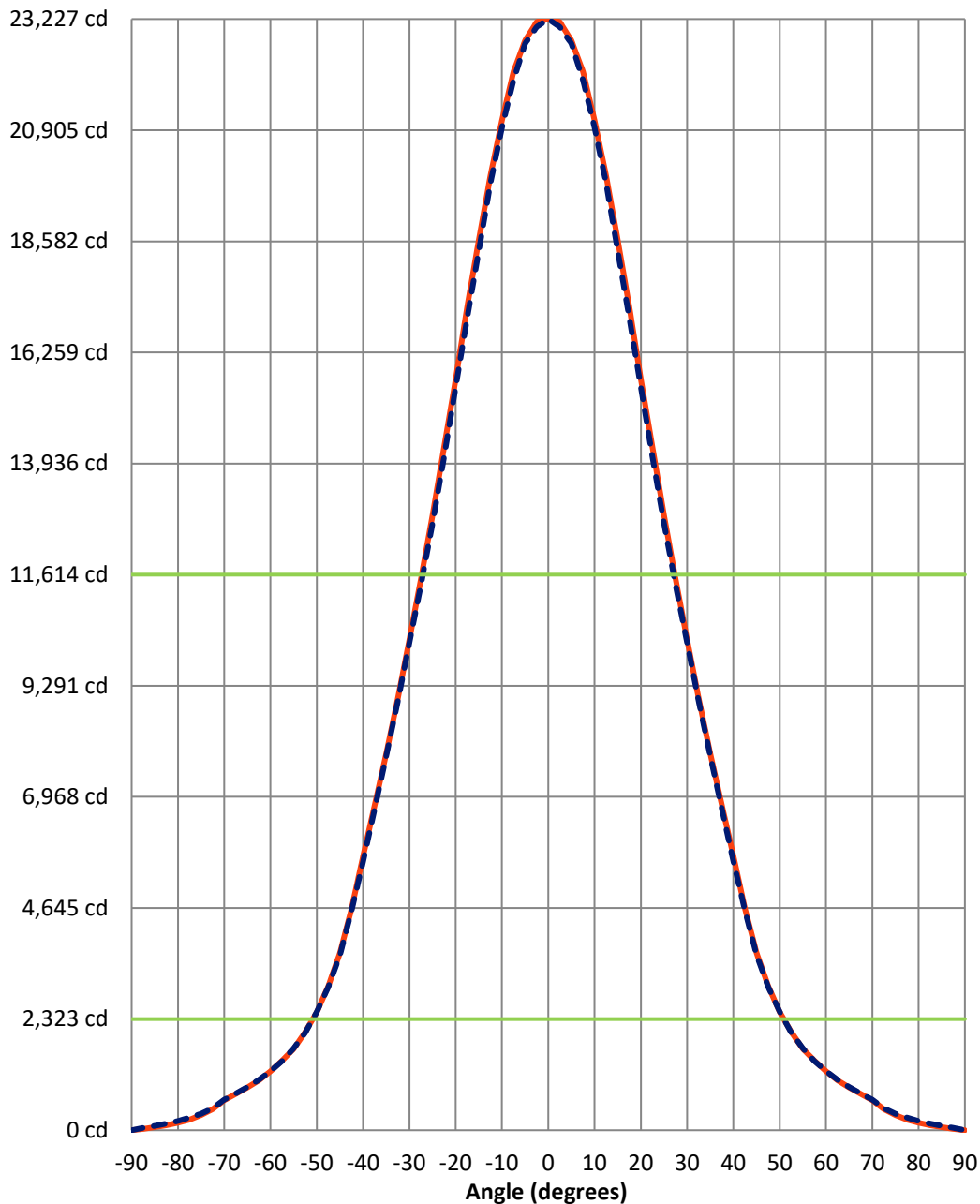
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 54.2°
 V Angle: 54.7°
 Lumens: 11582.2
 Efficiency: 48.1%

Field:
 H Angle: 101.7°
 V Angle: 101.8°
 Lumens: 21137.3
 Efficiency: 87.8%

Spill:
 Lumens: 2947.7
 Efficiency: 12.2%

— 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	2.4	5.4	9.3	14.0	19.4	25.6	29.2	32.6	35.8	38.7
85°	0.0	4.9	10.8	18.5	27.9	38.7	51.1	58.4	65.2	71.5	77.4
82.5°	0.0	7.3	16.1	27.7	41.6	57.9	76.3	87.5	97.5	106.0	114.0
80°	0.0	9.7	21.4	36.8	55.2	76.7	100.9	114.7	126.9	138.5	149.4
77.5°	0.0	12.0	26.6	45.7	68.6	94.3	122.6	140.8	156.2	170.9	186.5
75°	0.0	14.4	31.8	54.4	81.2	109.6	143.7	166.8	185.3	205.1	228.5
72.5°	0.0	16.7	36.8	62.9	91.3	124.4	164.1	191.6	213.2	239.2	269.4
70°	0.0	18.9	41.8	70.7	101.0	138.6	182.9	213.2	240.2	271.9	297.7
67.5°	0.0	21.1	46.6	76.5	110.2	152.0	197.2	233.9	265.9	294.7	322.7
65°	0.0	23.3	51.3	82.0	118.9	163.6	210.8	253.7	286.1	317.1	348.4
62.5°	0.0	25.4	55.8	87.1	127.0	173.6	223.6	271.6	305.8	339.7	376.2
60°	0.0	27.4	60.2	91.9	134.5	183.0	235.6	288.6	325.1	364.2	403.4
57.5°	0.0	29.4	63.1	96.2	141.0	191.6	246.7	304.3	345.8	388.1	431.1
55°	0.0	31.3	65.8	100.2	147.0	199.6	257.1	316.6	366.4	411.8	458.9
52.5°	0.0	33.1	68.4	103.8	152.5	206.9	266.6	329.6	386.3	436.6	486.2
50°	0.0	34.9	71.0	106.9	157.5	214.1	275.4	341.7	406.3	460.8	516.4
47.5°	0.0	36.5	73.4	109.7	161.9	220.7	283.6	352.7	427.5	484.5	546.1
45°	0.0	38.1	75.7	112.5	165.7	226.5	291.9	362.6	442.3	510.4	575.0
42.5°	0.0	39.6	77.8	115.0	169.0	231.7	299.3	373.2	455.9	535.5	603.3
40°	0.0	41.0	79.8	118.1	172.1	236.2	305.7	384.2	469.6	558.8	630.4
37.5°	0.0	42.3	81.7	121.5	175.2	240.0	311.1	394.3	484.5	576.3	656.1
35°	0.0	43.5	83.4	124.6	177.7	243.5	315.5	403.4	498.7	594.8	682.0
32.5°	0.0	44.6	85.0	127.4	179.7	246.5	319.9	411.6	512.1	614.1	708.5
30°	0.0	45.6	86.5	130.0	181.1	248.7	325.7	419.4	524.6	634.2	733.8
27.5°	0.0	46.4	87.8	132.3	184.5	250.1	330.5	428.6	537.7	654.8	757.7
25°	0.0	47.2	88.9	134.3	187.7	250.7	334.4	436.7	552.8	674.5	780.3
22.5°	0.0	47.9	89.9	136.0	190.4	251.9	337.3	443.7	567.4	692.3	803.3
20°	0.0	48.5	90.7	137.4	192.6	255.5	339.2	449.6	581.4	708.6	824.0
17.5°	0.0	49.0	91.4	138.6	194.3	258.7	342.7	454.3	594.6	723.2	842.3
15°	0.0	49.4	91.9	139.4	195.5	261.4	346.6	458.7	606.7	736.0	858.1
12.5°	0.0	49.6	92.3	140.0	196.2	263.5	349.1	462.8	617.5	747.0	871.4
10°	0.0	49.8	92.5	140.3	196.5	265.0	350.4	465.2	626.4	755.4	882.4
7.5°	0.0	49.9	92.5	140.3	196.3	265.9	350.4	465.8	633.1	761.6	891.4
5°	0.0	49.9	92.4	140.0	195.6	266.2	349.3	464.8	637.5	765.7	898.0
2.5°	0.0	49.7	92.1	139.4	194.5	265.8	347.2	462.2	639.4	767.6	902.0
0°	0.0	49.5	91.6	138.6	193.0	264.8	344.0	457.9	638.5	767.2	903.4
-2.5°	0.0	49.7	92.1	139.4	194.5	265.8	347.2	462.2	639.4	767.6	902.0
-5°	0.0	49.9	92.4	140.0	195.6	266.2	349.3	464.8	637.5	765.7	898.0
-7.5°	0.0	49.9	92.5	140.3	196.3	265.9	350.4	465.8	633.1	761.6	891.4
-10°	0.0	49.8	92.5	140.3	196.5	265.0	350.4	465.2	626.4	755.4	882.4
-12.5°	0.0	49.6	92.3	140.0	196.2	263.5	349.1	462.8	617.5	747.0	871.4
-15°	0.0	49.4	91.9	139.4	195.5	261.4	346.6	458.7	606.7	736.0	858.1
-17.5°	0.0	49.0	91.4	138.6	194.3	258.7	342.7	454.3	594.6	723.2	842.3
-20°	0.0	48.5	90.7	137.4	192.6	255.5	339.2	449.6	581.4	708.6	824.0

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REPORT NUMBER: P624760 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-04-E-PRO-5700K-66

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	47.9	89.9	136.0	190.4	251.9	337.3	443.7	567.4	692.3	803.3
-25°	0.0	47.2	88.9	134.3	187.7	250.7	334.4	436.7	552.8	674.5	780.3
-27.5°	0.0	46.4	87.8	132.3	184.5	250.1	330.5	428.6	537.7	654.8	757.7
-30°	0.0	45.6	86.5	130.0	181.1	248.7	325.7	419.4	524.6	634.2	733.8
-32.5°	0.0	44.6	85.0	127.4	179.7	246.5	319.9	411.6	512.1	614.1	708.5
-35°	0.0	43.5	83.4	124.6	177.7	243.5	315.5	403.4	498.7	594.8	682.0
-37.5°	0.0	42.3	81.7	121.5	175.2	240.0	311.1	394.3	484.5	576.3	656.1
-40°	0.0	41.0	79.8	118.1	172.1	236.2	305.7	384.2	469.6	558.8	630.4
-42.5°	0.0	39.6	77.8	115.0	169.0	231.7	299.3	373.2	455.9	535.5	603.3
-45°	0.0	38.1	75.7	112.5	165.7	226.5	291.9	362.6	442.3	510.4	575.0
-47.5°	0.0	36.5	73.4	109.7	161.9	220.7	283.6	352.7	427.5	484.5	546.1
-50°	0.0	34.9	71.0	106.9	157.5	214.1	275.4	341.7	406.3	460.8	516.4
-52.5°	0.0	33.1	68.4	103.8	152.5	206.9	266.6	329.6	386.3	436.6	486.2
-55°	0.0	31.3	65.8	100.2	147.0	199.6	257.1	316.6	366.4	411.8	458.9
-57.5°	0.0	29.4	63.1	96.2	141.0	191.6	246.7	304.3	345.8	388.1	431.1
-60°	0.0	27.4	60.2	91.9	134.5	183.0	235.6	288.6	325.1	364.2	403.4
-62.5°	0.0	25.4	55.8	87.1	127.0	173.6	223.6	271.6	305.8	339.7	376.2
-65°	0.0	23.3	51.3	82.0	118.9	163.6	210.8	253.7	286.1	317.1	348.4
-67.5°	0.0	21.1	46.6	76.5	110.2	152.0	197.2	233.9	265.9	294.7	322.7
-70°	0.0	18.9	41.8	70.7	101.0	138.6	182.9	213.2	240.2	271.9	297.7
-72.5°	0.0	16.7	36.8	62.9	91.3	124.4	164.1	191.6	213.2	239.2	269.4
-75°	0.0	14.4	31.8	54.4	81.2	109.6	143.7	166.8	185.3	205.1	228.5
-77.5°	0.0	12.0	26.6	45.7	68.6	94.3	122.6	140.8	156.2	170.9	186.5
-80°	0.0	9.7	21.4	36.8	55.2	76.7	100.9	114.7	126.9	138.5	149.4
-82.5°	0.0	7.3	16.1	27.7	41.6	57.9	76.3	87.5	97.5	106.0	114.0
-85°	0.0	4.9	10.8	18.5	27.9	38.7	51.1	58.4	65.2	71.5	77.4
-87.5°	0.0	2.4	5.4	9.3	14.0	19.4	25.6	29.2	32.6	35.8	38.7
-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-04-E-PRO-5700K-66

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°	41.4	43.9	46.2	48.2	47.1	45.4	43.1	40.3	45.1	50.2	55.4
85°	82.8	87.8	91.8	95.4	93.2	89.9	85.7	80.8	90.5	101.4	112.7
82.5°	121.4	128.1	134.1	139.5	137.4	133.4	128.2	121.5	135.0	151.5	168.6
80°	159.3	168.2	177.9	185.8	184.4	179.1	171.5	161.7	177.2	200.1	223.2
77.5°	202.3	215.4	226.1	234.6	233.3	229.0	224.5	219.9	236.9	260.7	282.7
75°	248.2	262.8	272.1	282.4	286.3	285.7	285.4	290.0	310.5	337.1	360.2
72.5°	287.7	299.4	313.1	328.8	338.1	344.7	356.1	371.8	391.6	412.8	432.1
70°	318.2	334.5	352.8	370.6	386.4	402.1	419.4	437.8	458.2	480.3	501.1
67.5°	348.3	370.1	391.3	412.2	433.5	454.5	476.8	500.2	522.3	546.9	571.5
65°	380.9	405.5	430.3	455.3	479.9	508.7	536.3	561.9	589.4	620.1	649.1
62.5°	412.2	441.4	469.7	499.8	533.2	565.5	597.1	629.5	662.3	699.7	736.0
60°	443.1	476.9	511.4	548.7	586.1	622.6	659.0	701.0	743.9	785.5	830.0
57.5°	473.7	514.7	555.6	597.1	638.4	680.1	729.5	777.7	829.5	881.0	931.4
55°	505.5	554.1	599.5	645.6	693.5	747.0	802.1	860.7	918.5	985.5	1047.9
52.5°	539.7	592.3	643.9	696.1	753.9	814.9	879.0	948.0	1022.9	1097.8	1175.8
50°	573.2	631.3	688.6	750.2	815.7	885.6	962.5	1045.2	1133.1	1221.5	1316.2
47.5°	607.0	668.8	736.4	804.3	880.3	963.1	1052.4	1151.1	1249.6	1362.2	1472.3
45°	639.9	708.7	781.5	862.7	948.5	1044.8	1150.4	1259.7	1385.8	1512.8	1651.8
42.5°	671.4	748.6	831.3	919.2	1022.0	1131.4	1248.1	1385.9	1527.7	1681.9	1851.4
40°	705.8	787.1	880.4	983.8	1095.4	1218.6	1360.9	1513.4	1684.3	1871.8	2069.2
37.5°	739.2	830.1	929.5	1044.6	1172.4	1313.3	1471.6	1656.1	1856.0	2071.2	2331.8
35°	771.1	871.0	982.3	1106.7	1243.9	1412.3	1599.0	1803.9	2036.7	2308.9	2614.0
32.5°	804.2	909.5	1031.5	1169.0	1327.3	1511.5	1723.0	1966.2	2241.1	2551.4	2932.4
30°	836.9	951.0	1079.5	1227.2	1406.1	1616.0	1859.0	2128.8	2445.8	2838.2	3291.2
27.5°	867.4	989.6	1129.2	1290.8	1482.2	1712.2	1987.8	2308.0	2682.6	3126.2	3655.3
25°	895.4	1025.5	1174.7	1352.1	1563.9	1816.6	2115.6	2470.1	2918.7	3441.9	4071.5
22.5°	923.0	1058.3	1217.6	1407.2	1637.5	1917.8	2253.9	2658.1	3150.8	3733.8	4474.1
20°	949.7	1093.5	1261.6	1461.7	1703.7	2009.3	2379.9	2832.5	3391.6	4079.2	4900.1
17.5°	973.3	1124.9	1304.1	1519.3	1780.7	2103.2	2497.7	2985.5	3609.6	4396.2	5311.7
15°	993.8	1152.3	1341.1	1569.7	1850.7	2197.4	2624.1	3156.3	3839.5	4695.2	5668.6
12.5°	1011.1	1175.6	1372.6	1612.8	1910.2	2276.7	2732.4	3309.9	4060.5	4978.3	5977.5
10°	1025.2	1194.8	1398.4	1648.4	1959.0	2341.0	2821.5	3433.9	4241.1	5206.2	6233.9
7.5°	1037.2	1210.6	1418.6	1676.1	1997.0	2390.1	2890.7	3528.1	4380.9	5384.6	6433.2
5°	1046.3	1223.2	1433.5	1696.4	2022.8	2428.3	2941.6	3592.5	4478.7	5511.4	6573.4
2.5°	1052.0	1231.3	1442.5	1708.6	2036.7	2458.9	2979.9	3642.2	4552.1	5590.0	6668.6
0°	1054.3	1235.0	1445.4	1712.7	2039.4	2475.0	2997.2	3662.9	4586.1	5615.7	6717.0
-2.5°	1052.0	1231.3	1442.5	1708.6	2036.7	2458.9	2979.9	3642.2	4552.1	5590.0	6668.6
-5°	1046.3	1223.2	1433.5	1696.4	2022.8	2428.3	2941.6	3592.5	4478.7	5511.4	6573.4
-7.5°	1037.2	1210.6	1418.6	1676.1	1997.0	2390.1	2890.7	3528.1	4380.9	5384.6	6433.2
-10°	1025.2	1194.8	1398.4	1648.4	1959.0	2341.0	2821.5	3433.9	4241.1	5206.2	6233.9
-12.5°	1011.1	1175.6	1372.6	1612.8	1910.2	2276.7	2732.4	3309.9	4060.5	4978.3	5977.5
-15°	993.8	1152.3	1341.1	1569.7	1850.7	2197.4	2624.1	3156.3	3839.5	4695.2	5668.6
-17.5°	973.3	1124.9	1304.1	1519.3	1780.7	2103.2	2497.7	2985.5	3609.6	4396.2	5311.7
-20°	949.7	1093.5	1261.6	1461.7	1703.7	2009.3	2379.9	2832.5	3391.6	4079.2	4900.1

Classified

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

Scaled Data Report



REPORT NUMBER: P624760 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-04-E-PRO-5700K-66

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	923.0	1058.3	1217.6	1407.2	1637.5	1917.8	2253.9	2658.1	3150.8	3733.8	4474.1
-25°	895.4	1025.5	1174.7	1352.1	1563.9	1816.6	2115.6	2470.1	2918.7	3441.9	4071.5
-27.5°	867.4	989.6	1129.2	1290.8	1482.2	1712.2	1987.8	2308.0	2682.6	3126.2	3655.3
-30°	836.9	951.0	1079.5	1227.2	1406.1	1616.0	1859.0	2128.8	2445.8	2838.2	3291.2
-32.5°	804.2	909.5	1031.5	1169.0	1327.3	1511.5	1723.0	1966.2	2241.1	2551.4	2932.4
-35°	771.1	871.0	982.3	1106.7	1243.9	1412.3	1599.0	1803.9	2036.7	2308.9	2614.0
-37.5°	739.2	830.1	929.5	1044.6	1172.4	1313.3	1471.6	1656.1	1856.0	2071.2	2331.8
-40°	705.8	787.1	880.4	983.8	1095.4	1218.6	1360.9	1513.4	1684.3	1871.8	2069.2
-42.5°	671.4	748.6	831.3	919.2	1022.0	1131.4	1248.1	1385.9	1527.7	1681.9	1851.4
-45°	639.9	708.7	781.5	862.7	948.5	1044.8	1150.4	1259.7	1385.8	1512.8	1651.8
-47.5°	607.0	668.8	736.4	804.3	880.3	963.1	1052.4	1151.1	1249.6	1362.2	1472.3
-50°	573.2	631.3	688.6	750.2	815.7	885.6	962.5	1045.2	1133.1	1221.5	1316.2
-52.5°	539.7	592.3	643.9	696.1	753.9	814.9	879.0	948.0	1022.9	1097.8	1175.8
-55°	505.5	554.1	599.5	645.6	693.5	747.0	802.1	860.7	918.5	985.5	1047.9
-57.5°	473.7	514.7	555.6	597.1	638.4	680.1	729.5	777.7	829.5	881.0	931.4
-60°	443.1	476.9	511.4	548.7	586.1	622.6	659.0	701.0	743.9	785.5	830.0
-62.5°	412.2	441.4	469.7	499.8	533.2	565.5	597.1	629.5	662.3	699.7	736.0
-65°	380.9	405.5	430.3	455.3	479.9	508.7	536.3	561.9	589.4	620.1	649.1
-67.5°	348.3	370.1	391.3	412.2	433.5	454.5	476.8	500.2	522.3	546.9	571.5
-70°	318.2	334.5	352.8	370.6	386.4	402.1	419.4	437.8	458.2	480.3	501.1
-72.5°	287.7	299.4	313.1	328.8	338.1	344.7	356.1	371.8	391.6	412.8	432.1
-75°	248.2	262.8	272.1	282.4	286.3	285.7	285.4	290.0	310.5	337.1	360.2
-77.5°	202.3	215.4	226.1	234.6	233.3	229.0	224.5	219.9	236.9	260.7	282.7
-80°	159.3	168.2	177.9	185.8	184.4	179.1	171.5	161.7	177.2	200.1	223.2
-82.5°	121.4	128.1	134.1	139.5	137.4	133.4	128.2	121.5	135.0	151.5	168.6
-85°	82.8	87.8	91.8	95.4	93.2	89.9	85.7	80.8	90.5	101.4	112.7
-87.5°	41.4	43.9	46.2	48.2	47.1	45.4	43.1	40.3	45.1	50.2	55.4
-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: P624760 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-04-E-PRO-5700K-66

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°	60.7	61.0	61.1	60.9	60.6	61.7	62.8	63.7	64.5	57.4	50.0
85°	124.4	125.5	125.8	125.7	125.2	126.1	126.7	126.9	126.8	113.9	100.2
82.5°	186.1	192.5	198.4	204.7	211.3	210.6	208.2	204.8	200.4	180.5	158.9
80°	244.9	256.2	264.8	272.7	279.8	278.0	274.4	270.5	266.2	243.4	218.2
77.5°	304.7	318.8	329.0	337.6	344.8	345.8	344.9	343.3	341.2	318.4	291.6
75°	380.0	393.2	403.1	412.9	422.7	427.8	430.1	431.4	431.6	411.3	385.1
72.5°	449.6	464.9	479.6	494.0	507.3	515.9	521.7	527.1	531.8	521.7	506.3
70°	521.1	540.1	557.7	574.7	591.4	605.0	614.7	622.7	629.1	631.2	632.2
67.5°	596.5	619.6	641.5	662.2	682.8	700.3	713.5	725.4	735.8	743.8	749.0
65°	677.7	706.8	734.3	759.0	781.2	803.6	822.7	839.4	853.7	865.1	873.7
62.5°	770.0	804.3	837.4	867.5	894.5	921.8	948.9	972.6	992.8	1009.2	1021.6
60°	871.8	910.9	953.5	993.6	1030.9	1065.4	1099.0	1128.7	1154.5	1176.4	1194.5
57.5°	985.5	1036.1	1086.0	1137.8	1184.1	1224.9	1267.6	1309.8	1346.2	1376.7	1401.9
55°	1111.6	1176.7	1238.8	1302.4	1364.0	1420.5	1474.0	1530.1	1578.6	1619.2	1652.5
52.5°	1250.0	1334.7	1415.3	1492.6	1575.8	1651.9	1720.5	1794.8	1862.1	1919.5	1969.7
50°	1414.1	1512.4	1618.3	1718.1	1825.6	1929.9	2023.7	2119.4	2213.8	2293.7	2361.3
47.5°	1595.3	1715.3	1853.2	1991.1	2122.7	2265.1	2396.6	2519.3	2647.2	2756.6	2847.9
45°	1795.4	1959.3	2124.5	2307.1	2475.2	2666.2	2845.8	3006.0	3184.9	3344.8	3478.5
42.5°	2030.6	2237.9	2446.0	2680.8	2910.0	3150.8	3405.0	3633.5	3871.9	4102.6	4296.1
40°	2308.0	2554.3	2841.5	3124.3	3441.6	3744.8	4104.9	4425.6	4727.3	5022.1	5270.9
37.5°	2615.9	2941.5	3294.6	3653.6	4087.3	4512.4	4935.5	5334.8	5694.6	6024.3	6285.9
35°	2969.1	3377.6	3799.2	4322.5	4835.8	5356.8	5840.9	6296.6	6705.3	7038.4	7315.9
32.5°	3376.8	3859.6	4440.2	5046.5	5643.1	6220.3	6764.1	7248.0	7674.4	8054.8	8382.3
30°	3806.5	4434.9	5113.5	5791.7	6443.2	7068.8	7651.5	8194.8	8689.9	9117.2	9483.2
27.5°	4311.0	5039.2	5794.7	6520.7	7220.5	7894.9	8558.0	9176.1	9718.8	10168.2	10624.5
25°	4811.5	5645.7	6451.4	7221.6	7976.8	8730.5	9462.4	10156.8	10789.8	11343.0	11834.4
22.5°	5339.5	6210.6	7061.6	7878.7	8735.2	9556.2	10354.5	11147.8	11875.7	12510.0	13066.1
20°	5825.2	6728.7	7629.3	8541.4	9468.3	10359.1	11258.9	12114.7	12925.5	13693.8	14325.8
17.5°	6261.4	7214.4	8161.9	9123.1	10134.9	11143.7	12119.1	13047.3	13972.9	14866.2	15608.4
15°	6651.1	7650.2	8623.7	9669.7	10760.4	11846.7	12933.0	13957.0	14998.7	15987.8	16868.4
12.5°	6994.9	8025.7	9060.3	10172.2	11315.6	12447.5	13636.7	14824.7	15980.0	17047.3	18003.8
10°	7278.1	8351.7	9459.8	10612.9	11797.0	12994.2	14274.6	15548.9	16831.3	17965.2	19005.5
7.5°	7495.3	8594.9	9753.9	10950.8	12202.4	13480.4	14820.2	16164.3	17473.1	18691.7	19779.8
5°	7646.7	8758.4	9948.0	11170.8	12473.1	13811.1	15238.8	16670.9	18007.1	19267.2	20381.8
2.5°	7752.3	8867.7	10070.7	11293.3	12619.4	14004.9	15436.1	16921.2	18288.6	19581.6	20822.3
0°	7823.3	8964.3	10189.4	11397.2	12686.6	14077.5	15535.3	16985.6	18386.4	19792.2	20957.9
-2.5°	7752.3	8867.7	10070.7	11293.3	12619.4	14004.9	15436.1	16921.2	18288.6	19581.6	20822.3
-5°	7646.7	8758.4	9948.0	11170.8	12473.1	13811.1	15238.8	16670.9	18007.1	19267.2	20381.8
-7.5°	7495.3	8594.9	9753.9	10950.8	12202.4	13480.4	14820.2	16164.3	17473.1	18691.7	19779.8
-10°	7278.1	8351.7	9459.8	10612.9	11797.0	12994.2	14274.6	15548.9	16831.3	17965.2	19005.5
-12.5°	6994.9	8025.7	9060.3	10172.2	11315.6	12447.5	13636.7	14824.7	15980.0	17047.3	18003.8
-15°	6651.1	7650.2	8623.7	9669.7	10760.4	11846.7	12933.0	13957.0	14998.7	15987.8	16868.4
-17.5°	6261.4	7214.4	8161.9	9123.1	10134.9	11143.7	12119.1	13047.3	13972.9	14866.2	15608.4
-20°	5825.2	6728.7	7629.3	8541.4	9468.3	10359.1	11258.9	12114.7	12925.5	13693.8	14325.8

Classified

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

Scaled Data Report



REPORT NUMBER: P624760 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-04-E-PRO-5700K-66

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5339.5	6210.6	7061.6	7878.7	8735.2	9556.2	10354.5	11147.8	11875.7	12510.0	13066.1
-25°	4811.5	5645.7	6451.4	7221.6	7976.8	8730.5	9462.4	10156.8	10789.8	11343.0	11834.4
-27.5°	4311.0	5039.2	5794.7	6520.7	7220.5	7894.9	8558.0	9176.1	9718.8	10168.2	10624.5
-30°	3806.5	4434.9	5113.5	5791.7	6443.2	7068.8	7651.5	8194.8	8689.9	9117.2	9483.2
-32.5°	3376.8	3859.6	4440.2	5046.5	5643.1	6220.3	6764.1	7248.0	7674.4	8054.8	8382.3
-35°	2969.1	3377.6	3799.2	4322.5	4835.8	5356.8	5840.9	6296.6	6705.3	7038.4	7315.9
-37.5°	2615.9	2941.5	3294.6	3653.6	4087.3	4512.4	4935.5	5334.8	5694.6	6024.3	6285.9
-40°	2308.0	2554.3	2841.5	3124.3	3441.6	3744.8	4104.9	4425.6	4727.3	5022.1	5270.9
-42.5°	2030.6	2237.9	2446.0	2680.8	2910.0	3150.8	3405.0	3633.5	3871.9	4102.6	4296.1
-45°	1795.4	1959.3	2124.5	2307.1	2475.2	2666.2	2845.8	3006.0	3184.9	3344.8	3478.5
-47.5°	1595.3	1715.3	1853.2	1991.1	2122.7	2265.1	2396.6	2519.3	2647.2	2756.6	2847.9
-50°	1414.1	1512.4	1618.3	1718.1	1825.6	1929.9	2023.7	2119.4	2213.8	2293.7	2361.3
-52.5°	1250.0	1334.7	1415.3	1492.6	1575.8	1651.9	1720.5	1794.8	1862.1	1919.5	1969.7
-55°	1111.6	1176.7	1238.8	1302.4	1364.0	1420.5	1474.0	1530.1	1578.6	1619.2	1652.5
-57.5°	985.5	1036.1	1086.0	1137.8	1184.1	1224.9	1267.6	1309.8	1346.2	1376.7	1401.9
-60°	871.8	910.9	953.5	993.6	1030.9	1065.4	1099.0	1128.7	1154.5	1176.4	1194.5
-62.5°	770.0	804.3	837.4	867.5	894.5	921.8	948.9	972.6	992.8	1009.2	1021.6
-65°	677.7	706.8	734.3	759.0	781.2	803.6	822.7	839.4	853.7	865.1	873.7
-67.5°	596.5	619.6	641.5	662.2	682.8	700.3	713.5	725.4	735.8	743.8	749.0
-70°	521.1	540.1	557.7	574.7	591.4	605.0	614.7	622.7	629.1	631.2	632.2
-72.5°	449.6	464.9	479.6	494.0	507.3	515.9	521.7	527.1	531.8	521.7	506.3
-75°	380.0	393.2	403.1	412.9	422.7	427.8	430.1	431.4	431.6	411.3	385.1
-77.5°	304.7	318.8	329.0	337.6	344.8	345.8	344.9	343.3	341.2	318.4	291.6
-80°	244.9	256.2	264.8	272.7	279.8	278.0	274.4	270.5	266.2	243.4	218.2
-82.5°	186.1	192.5	198.4	204.7	211.3	210.6	208.2	204.8	200.4	180.5	158.9
-85°	124.4	125.5	125.8	125.7	125.2	126.1	126.7	126.9	126.8	113.9	100.2
-87.5°	60.7	61.0	61.1	60.9	60.6	61.7	62.8	63.7	64.5	57.4	50.0
-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: P624760 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-04-E-PRO-5700K-66

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°	42.3	34.5	30.9	27.2	30.9	34.5	42.3	50.0	57.4	64.5	63.7
85°	86.1	71.6	68.0	64.3	68.0	71.6	86.1	100.2	113.9	126.8	126.9
82.5°	136.6	113.7	108.8	103.9	108.8	113.7	136.6	158.9	180.5	200.4	204.8
80°	192.3	165.8	160.7	155.9	160.7	165.8	192.3	218.2	243.4	266.2	270.5
77.5°	263.8	235.2	227.6	220.3	227.6	235.2	263.8	291.6	318.4	341.2	343.3
75°	357.7	329.1	322.7	316.8	322.7	329.1	357.7	385.1	411.3	431.6	431.4
72.5°	490.2	473.2	457.8	440.5	457.8	473.2	490.2	506.3	521.7	531.8	527.1
70°	633.4	633.9	631.4	626.2	631.4	633.9	633.4	632.2	631.2	629.1	622.7
67.5°	752.4	753.6	757.3	759.8	757.3	753.6	752.4	749.0	743.8	735.8	725.4
65°	879.9	883.7	889.4	893.5	889.4	883.7	879.9	873.7	865.1	853.7	839.4
62.5°	1030.5	1035.8	1040.3	1042.0	1040.3	1035.8	1030.5	1021.6	1009.2	992.8	972.6
60°	1208.7	1218.7	1227.3	1232.5	1227.3	1218.7	1208.7	1194.5	1176.4	1154.5	1128.7
57.5°	1421.0	1434.0	1446.4	1455.3	1446.4	1434.0	1421.0	1401.9	1376.7	1346.2	1309.8
55°	1677.9	1695.1	1702.4	1700.3	1702.4	1695.1	1677.9	1652.5	1619.2	1578.6	1530.1
52.5°	2011.0	2042.0	2055.2	2051.7	2055.2	2042.0	2011.0	1969.7	1919.5	1862.1	1794.8
50°	2414.6	2452.3	2470.5	2470.0	2470.5	2452.3	2414.6	2361.3	2293.7	2213.8	2119.4
47.5°	2920.5	2972.5	3004.6	3017.0	3004.6	2972.5	2920.5	2847.9	2756.6	2647.2	2519.3
45°	3584.4	3660.7	3702.6	3707.5	3702.6	3660.7	3584.4	3478.5	3344.8	3184.9	3006.0
42.5°	4445.5	4552.2	4613.7	4628.2	4613.7	4552.2	4445.5	4296.1	4102.6	3871.9	3633.5
40°	5457.0	5587.5	5673.0	5729.5	5673.0	5587.5	5457.0	5270.9	5022.1	4727.3	4425.6
37.5°	6498.5	6668.2	6776.5	6793.7	6776.5	6668.2	6498.5	6285.9	6024.3	5694.6	5334.8
35°	7547.2	7721.4	7827.2	7872.8	7827.2	7721.4	7547.2	7315.9	7038.4	6705.3	6296.6
32.5°	8642.0	8839.1	8961.6	9023.7	8961.6	8839.1	8642.0	8382.3	8054.8	7674.4	7248.0
30°	9785.7	10020.5	10170.7	10256.2	10170.7	10020.5	9785.7	9483.2	9117.2	8689.9	8194.8
27.5°	10988.4	11269.2	11454.9	11525.8	11454.9	11269.2	10988.4	10624.5	10168.2	9718.8	9176.1
25°	12228.6	12532.2	12740.5	12857.4	12740.5	12532.2	12228.6	11834.4	11343.0	10789.8	10156.8
22.5°	13523.9	13884.4	14153.8	14282.9	14153.8	13884.4	13523.9	13066.1	12510.0	11875.7	11147.8
20°	14859.7	15254.1	15566.4	15701.1	15566.4	15254.1	14859.7	14325.8	13693.8	12925.5	12114.7
17.5°	16221.4	16701.5	17051.0	17220.7	17051.0	16701.5	16221.4	15608.4	14866.2	13972.9	13047.3
15°	17542.7	18051.6	18430.7	18614.1	18430.7	18051.6	17542.7	16868.4	15987.8	14998.7	13957.0
12.5°	18766.8	19307.1	19686.4	19950.6	19686.4	19307.1	18766.8	18003.8	17047.3	15980.0	14824.7
10°	19860.5	20449.8	20834.8	21108.9	20834.8	20449.8	19860.5	19005.5	17965.2	16831.3	15548.9
7.5°	20680.0	21424.9	21859.4	22128.5	21859.4	21424.9	20680.0	19779.8	18691.7	17473.1	16164.3
5°	21310.4	22130.6	22524.6	22779.5	22524.6	22130.6	21310.4	20381.8	19267.2	18007.1	16670.9
2.5°	21770.6	22417.3	22911.4	23165.5	22911.4	22417.3	21770.6	20822.3	19581.6	18288.6	16921.2
0°	21950.3	22712.6	23061.6	23227.4	23061.6	22712.6	21950.3	20957.9	19792.2	18386.4	16985.6
-2.5°	21770.6	22417.3	22911.4	23165.5	22911.4	22417.3	21770.6	20822.3	19581.6	18288.6	16921.2
-5°	21310.4	22130.6	22524.6	22779.5	22524.6	22130.6	21310.4	20381.8	19267.2	18007.1	16670.9
-7.5°	20680.0	21424.9	21859.4	22128.5	21859.4	21424.9	20680.0	19779.8	18691.7	17473.1	16164.3
-10°	19860.5	20449.8	20834.8	21108.9	20834.8	20449.8	19860.5	19005.5	17965.2	16831.3	15548.9
-12.5°	18766.8	19307.1	19686.4	19950.6	19686.4	19307.1	18766.8	18003.8	17047.3	15980.0	14824.7
-15°	17542.7	18051.6	18430.7	18614.1	18430.7	18051.6	17542.7	16868.4	15987.8	14998.7	13957.0
-17.5°	16221.4	16701.5	17051.0	17220.7	17051.0	16701.5	16221.4	15608.4	14866.2	13972.9	13047.3
-20°	14859.7	15254.1	15566.4	15701.1	15566.4	15254.1	14859.7	14325.8	13693.8	12925.5	12114.7



REPORT NUMBER: P624760 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-04-E-PRO-5700K-66

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	13523.9	13884.4	14153.8	14282.9	14153.8	13884.4	13523.9	13066.1	12510.0	11875.7	11147.8
-25°	12228.6	12532.2	12740.5	12857.4	12740.5	12532.2	12228.6	11834.4	11343.0	10789.8	10156.8
-27.5°	10988.4	11269.2	11454.9	11525.8	11454.9	11269.2	10988.4	10624.5	10168.2	9718.8	9176.1
-30°	9785.7	10020.5	10170.7	10256.2	10170.7	10020.5	9785.7	9483.2	9117.2	8689.9	8194.8
-32.5°	8642.0	8839.1	8961.6	9023.7	8961.6	8839.1	8642.0	8382.3	8054.8	7674.4	7248.0
-35°	7547.2	7721.4	7827.2	7872.8	7827.2	7721.4	7547.2	7315.9	7038.4	6705.3	6296.6
-37.5°	6498.5	6668.2	6776.5	6793.7	6776.5	6668.2	6498.5	6285.9	6024.3	5694.6	5334.8
-40°	5457.0	5587.5	5673.0	5729.5	5673.0	5587.5	5457.0	5270.9	5022.1	4727.3	4425.6
-42.5°	4445.5	4552.2	4613.7	4628.2	4613.7	4552.2	4445.5	4296.1	4102.6	3871.9	3633.5
-45°	3584.4	3660.7	3702.6	3707.5	3702.6	3660.7	3584.4	3478.5	3344.8	3184.9	3006.0
-47.5°	2920.5	2972.5	3004.6	3017.0	3004.6	2972.5	2920.5	2847.9	2756.6	2647.2	2519.3
-50°	2414.6	2452.3	2470.5	2470.0	2470.5	2452.3	2414.6	2361.3	2293.7	2213.8	2119.4
-52.5°	2011.0	2042.0	2055.2	2051.7	2055.2	2042.0	2011.0	1969.7	1919.5	1862.1	1794.8
-55°	1677.9	1695.1	1702.4	1700.3	1702.4	1695.1	1677.9	1652.5	1619.2	1578.6	1530.1
-57.5°	1421.0	1434.0	1446.4	1455.3	1446.4	1434.0	1421.0	1401.9	1376.7	1346.2	1309.8
-60°	1208.7	1218.7	1227.3	1232.5	1227.3	1218.7	1208.7	1194.5	1176.4	1154.5	1128.7
-62.5°	1030.5	1035.8	1040.3	1042.0	1040.3	1035.8	1030.5	1021.6	1009.2	992.8	972.6
-65°	879.9	883.7	889.4	893.5	889.4	883.7	879.9	873.7	865.1	853.7	839.4
-67.5°	752.4	753.6	757.3	759.8	757.3	753.6	752.4	749.0	743.8	735.8	725.4
-70°	633.4	633.9	631.4	626.2	631.4	633.9	633.4	632.2	631.2	629.1	622.7
-72.5°	490.2	473.2	457.8	440.5	457.8	473.2	490.2	506.3	521.7	531.8	527.1
-75°	357.7	329.1	322.7	316.8	322.7	329.1	357.7	385.1	411.3	431.6	431.4
-77.5°	263.8	235.2	227.6	220.3	227.6	235.2	263.8	291.6	318.4	341.2	343.3
-80°	192.3	165.8	160.7	155.9	160.7	165.8	192.3	218.2	243.4	266.2	270.5
-82.5°	136.6	113.7	108.8	103.9	108.8	113.7	136.6	158.9	180.5	200.4	204.8
-85°	86.1	71.6	68.0	64.3	68.0	71.6	86.1	100.2	113.9	126.8	126.9
-87.5°	42.3	34.5	30.9	27.2	30.9	34.5	42.3	50.0	57.4	64.5	63.7
-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: P624760 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-04-E-PRO-5700K-66

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°	62.8	61.7	60.6	60.9	61.1	61.0	60.7	55.4	50.2	45.1	40.3
85°	126.7	126.1	125.2	125.7	125.8	125.5	124.4	112.7	101.4	90.5	80.8
82.5°	208.2	210.6	211.3	204.7	198.4	192.5	186.1	168.6	151.5	135.0	121.5
80°	274.4	278.0	279.8	272.7	264.8	256.2	244.9	223.2	200.1	177.2	161.7
77.5°	344.9	345.8	344.8	337.6	329.0	318.8	304.7	282.7	260.7	236.9	219.9
75°	430.1	427.8	422.7	412.9	403.1	393.2	380.0	360.2	337.1	310.5	290.0
72.5°	521.7	515.9	507.3	494.0	479.6	464.9	449.6	432.1	412.8	391.6	371.8
70°	614.7	605.0	591.4	574.7	557.7	540.1	521.1	501.1	480.3	458.2	437.8
67.5°	713.5	700.3	682.8	662.2	641.5	619.6	596.5	571.5	546.9	522.3	500.2
65°	822.7	803.6	781.2	759.0	734.3	706.8	677.7	649.1	620.1	589.4	561.9
62.5°	948.9	921.8	894.5	867.5	837.4	804.3	770.0	736.0	699.7	662.3	629.5
60°	1099.0	1065.4	1030.9	993.6	953.5	910.9	871.8	830.0	785.5	743.9	701.0
57.5°	1267.6	1224.9	1184.1	1137.8	1086.0	1036.1	985.5	931.4	881.0	829.5	777.7
55°	1474.0	1420.5	1364.0	1302.4	1238.8	1176.7	1111.6	1047.9	985.5	918.5	860.7
52.5°	1720.5	1651.9	1575.8	1492.6	1415.3	1334.7	1250.0	1175.8	1097.8	1022.9	948.0
50°	2023.7	1929.9	1825.6	1718.1	1618.3	1512.4	1414.1	1316.2	1221.5	1133.1	1045.2
47.5°	2396.6	2265.1	2122.7	1991.1	1853.2	1715.3	1595.3	1472.3	1362.2	1249.6	1151.1
45°	2845.8	2666.2	2475.2	2307.1	2124.5	1959.3	1795.4	1651.8	1512.8	1385.8	1259.7
42.5°	3405.0	3150.8	2910.0	2680.8	2446.0	2237.9	2030.6	1851.4	1681.9	1527.7	1385.9
40°	4104.9	3744.8	3441.6	3124.3	2841.5	2554.3	2308.0	2069.2	1871.8	1684.3	1513.4
37.5°	4935.5	4512.4	4087.3	3653.6	3294.6	2941.5	2615.9	2331.8	2071.2	1856.0	1656.1
35°	5840.9	5356.8	4835.8	4322.5	3799.2	3377.6	2969.1	2614.0	2308.9	2036.7	1803.9
32.5°	6764.1	6220.3	5643.1	5046.5	4440.2	3859.6	3376.8	2932.4	2551.4	2241.1	1966.2
30°	7651.5	7068.8	6443.2	5791.7	5113.5	4434.9	3806.5	3291.2	2838.2	2445.8	2128.8
27.5°	8558.0	7894.9	7220.5	6520.7	5794.7	5039.2	4311.0	3655.3	3126.2	2682.6	2308.0
25°	9462.4	8730.5	7976.8	7221.6	6451.4	5645.7	4811.5	4071.5	3441.9	2918.7	2470.1
22.5°	10354.5	9556.2	8735.2	7878.7	7061.6	6210.6	5339.5	4474.1	3733.8	3150.8	2658.1
20°	11258.9	10359.1	9468.3	8541.4	7629.3	6728.7	5825.2	4900.1	4079.2	3391.6	2832.5
17.5°	12119.1	11143.7	10134.9	9123.1	8161.9	7214.4	6261.4	5311.7	4396.2	3609.6	2985.5
15°	12933.0	11846.7	10760.4	9669.7	8623.7	7650.2	6651.1	5668.6	4695.2	3839.5	3156.3
12.5°	13636.7	12447.5	11315.6	10172.2	9060.3	8025.7	6994.9	5977.5	4978.3	4060.5	3309.9
10°	14274.6	12994.2	11797.0	10612.9	9459.8	8351.7	7278.1	6233.9	5206.2	4241.1	3433.9
7.5°	14820.2	13480.4	12202.4	10950.8	9753.9	8594.9	7495.3	6433.2	5384.6	4380.9	3528.1
5°	15238.8	13811.1	12473.1	11170.8	9948.0	8758.4	7646.7	6573.4	5511.4	4478.7	3592.5
2.5°	15436.1	14004.9	12619.4	11293.3	10070.7	8867.7	7752.3	6668.6	5590.0	4552.1	3642.2
0°	15535.3	14077.5	12686.6	11397.2	10189.4	8964.3	7823.3	6717.0	5615.7	4586.1	3662.9
-2.5°	15436.1	14004.9	12619.4	11293.3	10070.7	8867.7	7752.3	6668.6	5590.0	4552.1	3642.2
-5°	15238.8	13811.1	12473.1	11170.8	9948.0	8758.4	7646.7	6573.4	5511.4	4478.7	3592.5
-7.5°	14820.2	13480.4	12202.4	10950.8	9753.9	8594.9	7495.3	6433.2	5384.6	4380.9	3528.1
-10°	14274.6	12994.2	11797.0	10612.9	9459.8	8351.7	7278.1	6233.9	5206.2	4241.1	3433.9
-12.5°	13636.7	12447.5	11315.6	10172.2	9060.3	8025.7	6994.9	5977.5	4978.3	4060.5	3309.9
-15°	12933.0	11846.7	10760.4	9669.7	8623.7	7650.2	6651.1	5668.6	4695.2	3839.5	3156.3
-17.5°	12119.1	11143.7	10134.9	9123.1	8161.9	7214.4	6261.4	5311.7	4396.2	3609.6	2985.5
-20°	11258.9	10359.1	9468.3	8541.4	7629.3	6728.7	5825.2	4900.1	4079.2	3391.6	2832.5

Classified

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

Scaled Data Report



REPORT NUMBER: P624760 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-04-E-PRO-5700K-66

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	10354.5	9556.2	8735.2	7878.7	7061.6	6210.6	5339.5	4474.1	3733.8	3150.8	2658.1
-25°	9462.4	8730.5	7976.8	7221.6	6451.4	5645.7	4811.5	4071.5	3441.9	2918.7	2470.1
-27.5°	8558.0	7894.9	7220.5	6520.7	5794.7	5039.2	4311.0	3655.3	3126.2	2682.6	2308.0
-30°	7651.5	7068.8	6443.2	5791.7	5113.5	4434.9	3806.5	3291.2	2838.2	2445.8	2128.8
-32.5°	6764.1	6220.3	5643.1	5046.5	4440.2	3859.6	3376.8	2932.4	2551.4	2241.1	1966.2
-35°	5840.9	5356.8	4835.8	4322.5	3799.2	3377.6	2969.1	2614.0	2308.9	2036.7	1803.9
-37.5°	4935.5	4512.4	4087.3	3653.6	3294.6	2941.5	2615.9	2331.8	2071.2	1856.0	1656.1
-40°	4104.9	3744.8	3441.6	3124.3	2841.5	2554.3	2308.0	2069.2	1871.8	1684.3	1513.4
-42.5°	3405.0	3150.8	2910.0	2680.8	2446.0	2237.9	2030.6	1851.4	1681.9	1527.7	1385.9
-45°	2845.8	2666.2	2475.2	2307.1	2124.5	1959.3	1795.4	1651.8	1512.8	1385.8	1259.7
-47.5°	2396.6	2265.1	2122.7	1991.1	1853.2	1715.3	1595.3	1472.3	1362.2	1249.6	1151.1
-50°	2023.7	1929.9	1825.6	1718.1	1618.3	1512.4	1414.1	1316.2	1221.5	1133.1	1045.2
-52.5°	1720.5	1651.9	1575.8	1492.6	1415.3	1334.7	1250.0	1175.8	1097.8	1022.9	948.0
-55°	1474.0	1420.5	1364.0	1302.4	1238.8	1176.7	1111.6	1047.9	985.5	918.5	860.7
-57.5°	1267.6	1224.9	1184.1	1137.8	1086.0	1036.1	985.5	931.4	881.0	829.5	777.7
-60°	1099.0	1065.4	1030.9	993.6	953.5	910.9	871.8	830.0	785.5	743.9	701.0
-62.5°	948.9	921.8	894.5	867.5	837.4	804.3	770.0	736.0	699.7	662.3	629.5
-65°	822.7	803.6	781.2	759.0	734.3	706.8	677.7	649.1	620.1	589.4	561.9
-67.5°	713.5	700.3	682.8	662.2	641.5	619.6	596.5	571.5	546.9	522.3	500.2
-70°	614.7	605.0	591.4	574.7	557.7	540.1	521.1	501.1	480.3	458.2	437.8
-72.5°	521.7	515.9	507.3	494.0	479.6	464.9	449.6	432.1	412.8	391.6	371.8
-75°	430.1	427.8	422.7	412.9	403.1	393.2	380.0	360.2	337.1	310.5	290.0
-77.5°	344.9	345.8	344.8	337.6	329.0	318.8	304.7	282.7	260.7	236.9	219.9
-80°	274.4	278.0	279.8	272.7	264.8	256.2	244.9	223.2	200.1	177.2	161.7
-82.5°	208.2	210.6	211.3	204.7	198.4	192.5	186.1	168.6	151.5	135.0	121.5
-85°	126.7	126.1	125.2	125.7	125.8	125.5	124.4	112.7	101.4	90.5	80.8
-87.5°	62.8	61.7	60.6	60.9	61.1	61.0	60.7	55.4	50.2	45.1	40.3
-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: P624760 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-04-E-PRO-5700K-66

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°	43.1	45.4	47.1	48.2	46.2	43.9	41.4	38.7	35.8	32.6	29.2
85°	85.7	89.9	93.2	95.4	91.8	87.8	82.8	77.4	71.5	65.2	58.4
82.5°	128.2	133.4	137.4	139.5	134.1	128.1	121.4	114.0	106.0	97.5	87.5
80°	171.5	179.1	184.4	185.8	177.9	168.2	159.3	149.4	138.5	126.9	114.7
77.5°	224.5	229.0	233.3	234.6	226.1	215.4	202.3	186.5	170.9	156.2	140.8
75°	285.4	285.7	286.3	282.4	272.1	262.8	248.2	228.5	205.1	185.3	166.8
72.5°	356.1	344.7	338.1	328.8	313.1	299.4	287.7	269.4	239.2	213.2	191.6
70°	419.4	402.1	386.4	370.6	352.8	334.5	318.2	297.7	271.9	240.2	213.2
67.5°	476.8	454.5	433.5	412.2	391.3	370.1	348.3	322.7	294.7	265.9	233.9
65°	536.3	508.7	479.9	455.3	430.3	405.5	380.9	348.4	317.1	286.1	253.7
62.5°	597.1	565.5	533.2	499.8	469.7	441.4	412.2	376.2	339.7	305.8	271.6
60°	659.0	622.6	586.1	548.7	511.4	476.9	443.1	403.4	364.2	325.1	288.6
57.5°	729.5	680.1	638.4	597.1	555.6	514.7	473.7	431.1	388.1	345.8	304.3
55°	802.1	747.0	693.5	645.6	599.5	554.1	505.5	458.9	411.8	366.4	316.6
52.5°	879.0	814.9	753.9	696.1	643.9	592.3	539.7	486.2	436.6	386.3	329.6
50°	962.5	885.6	815.7	750.2	688.6	631.3	573.2	516.4	460.8	406.3	341.7
47.5°	1052.4	963.1	880.3	804.3	736.4	668.8	607.0	546.1	484.5	427.5	352.7
45°	1150.4	1044.8	948.5	862.7	781.5	708.7	639.9	575.0	510.4	442.3	362.6
42.5°	1248.1	1131.4	1022.0	919.2	831.3	748.6	671.4	603.3	535.5	455.9	373.2
40°	1360.9	1218.6	1095.4	983.8	880.4	787.1	705.8	630.4	558.8	469.6	384.2
37.5°	1471.6	1313.3	1172.4	1044.6	929.5	830.1	739.2	656.1	576.3	484.5	394.3
35°	1599.0	1412.3	1243.9	1106.7	982.3	871.0	771.1	682.0	594.8	498.7	403.4
32.5°	1723.0	1511.5	1327.3	1169.0	1031.5	909.5	804.2	708.5	614.1	512.1	411.6
30°	1859.0	1616.0	1406.1	1227.2	1079.5	951.0	836.9	733.8	634.2	524.6	419.4
27.5°	1987.8	1712.2	1482.2	1290.8	1129.2	989.6	867.4	757.7	654.8	537.7	428.6
25°	2115.6	1816.6	1563.9	1352.1	1174.7	1025.5	895.4	780.3	674.5	552.8	436.7
22.5°	2253.9	1917.8	1637.5	1407.2	1217.6	1058.3	923.0	803.3	692.3	567.4	443.7
20°	2379.9	2009.3	1703.7	1461.7	1261.6	1093.5	949.7	824.0	708.6	581.4	449.6
17.5°	2497.7	2103.2	1780.7	1519.3	1304.1	1124.9	973.3	842.3	723.2	594.6	454.3
15°	2624.1	2197.4	1850.7	1569.7	1341.1	1152.3	993.8	858.1	736.0	606.7	458.7
12.5°	2732.4	2276.7	1910.2	1612.8	1372.6	1175.6	1011.1	871.4	747.0	617.5	462.8
10°	2821.5	2341.0	1959.0	1648.4	1398.4	1194.8	1025.2	882.4	755.4	626.4	465.2
7.5°	2890.7	2390.1	1997.0	1676.1	1418.6	1210.6	1037.2	891.4	761.6	633.1	465.8
5°	2941.6	2428.3	2022.8	1696.4	1433.5	1223.2	1046.3	898.0	765.7	637.5	464.8
2.5°	2979.9	2458.9	2036.7	1708.6	1442.5	1231.3	1052.0	902.0	767.6	639.4	462.2
0°	2997.2	2475.0	2039.4	1712.7	1445.4	1235.0	1054.3	903.4	767.2	638.5	457.9
-2.5°	2979.9	2458.9	2036.7	1708.6	1442.5	1231.3	1052.0	902.0	767.6	639.4	462.2
-5°	2941.6	2428.3	2022.8	1696.4	1433.5	1223.2	1046.3	898.0	765.7	637.5	464.8
-7.5°	2890.7	2390.1	1997.0	1676.1	1418.6	1210.6	1037.2	891.4	761.6	633.1	465.8
-10°	2821.5	2341.0	1959.0	1648.4	1398.4	1194.8	1025.2	882.4	755.4	626.4	465.2
-12.5°	2732.4	2276.7	1910.2	1612.8	1372.6	1175.6	1011.1	871.4	747.0	617.5	462.8
-15°	2624.1	2197.4	1850.7	1569.7	1341.1	1152.3	993.8	858.1	736.0	606.7	458.7
-17.5°	2497.7	2103.2	1780.7	1519.3	1304.1	1124.9	973.3	842.3	723.2	594.6	454.3
-20°	2379.9	2009.3	1703.7	1461.7	1261.6	1093.5	949.7	824.0	708.6	581.4	449.6



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2253.9	1917.8	1637.5	1407.2	1217.6	1058.3	923.0	803.3	692.3	567.4	443.7
-25°	2115.6	1816.6	1563.9	1352.1	1174.7	1025.5	895.4	780.3	674.5	552.8	436.7
-27.5°	1987.8	1712.2	1482.2	1290.8	1129.2	989.6	867.4	757.7	654.8	537.7	428.6
-30°	1859.0	1616.0	1406.1	1227.2	1079.5	951.0	836.9	733.8	634.2	524.6	419.4
-32.5°	1723.0	1511.5	1327.3	1169.0	1031.5	909.5	804.2	708.5	614.1	512.1	411.6
-35°	1599.0	1412.3	1243.9	1106.7	982.3	871.0	771.1	682.0	594.8	498.7	403.4
-37.5°	1471.6	1313.3	1172.4	1044.6	929.5	830.1	739.2	656.1	576.3	484.5	394.3
-40°	1360.9	1218.6	1095.4	983.8	880.4	787.1	705.8	630.4	558.8	469.6	384.2
-42.5°	1248.1	1131.4	1022.0	919.2	831.3	748.6	671.4	603.3	535.5	455.9	373.2
-45°	1150.4	1044.8	948.5	862.7	781.5	708.7	639.9	575.0	510.4	442.3	362.6
-47.5°	1052.4	963.1	880.3	804.3	736.4	668.8	607.0	546.1	484.5	427.5	352.7
-50°	962.5	885.6	815.7	750.2	688.6	631.3	573.2	516.4	460.8	406.3	341.7
-52.5°	879.0	814.9	753.9	696.1	643.9	592.3	539.7	486.2	436.6	386.3	329.6
-55°	802.1	747.0	693.5	645.6	599.5	554.1	505.5	458.9	411.8	366.4	316.6
-57.5°	729.5	680.1	638.4	597.1	555.6	514.7	473.7	431.1	388.1	345.8	304.3
-60°	659.0	622.6	586.1	548.7	511.4	476.9	443.1	403.4	364.2	325.1	288.6
-62.5°	597.1	565.5	533.2	499.8	469.7	441.4	412.2	376.2	339.7	305.8	271.6
-65°	536.3	508.7	479.9	455.3	430.3	405.5	380.9	348.4	317.1	286.1	253.7
-67.5°	476.8	454.5	433.5	412.2	391.3	370.1	348.3	322.7	294.7	265.9	233.9
-70°	419.4	402.1	386.4	370.6	352.8	334.5	318.2	297.7	271.9	240.2	213.2
-72.5°	356.1	344.7	338.1	328.8	313.1	299.4	287.7	269.4	239.2	213.2	191.6
-75°	285.4	285.7	286.3	282.4	272.1	262.8	248.2	228.5	205.1	185.3	166.8
-77.5°	224.5	229.0	233.3	234.6	226.1	215.4	202.3	186.5	170.9	156.2	140.8
-80°	171.5	179.1	184.4	185.8	177.9	168.2	159.3	149.4	138.5	126.9	114.7
-82.5°	128.2	133.4	137.4	139.5	134.1	128.1	121.4	114.0	106.0	97.5	87.5
-85°	85.7	89.9	93.2	95.4	91.8	87.8	82.8	77.4	71.5	65.2	58.4
-87.5°	43.1	45.4	47.1	48.2	46.2	43.9	41.4	38.7	35.8	32.6	29.2
-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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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°	25.6	19.4	14.0	9.3	5.4	2.4	0.0
85°	51.1	38.7	27.9	18.5	10.8	4.9	0.0
82.5°	76.3	57.9	41.6	27.7	16.1	7.3	0.0
80°	100.9	76.7	55.2	36.8	21.4	9.7	0.0
77.5°	122.6	94.3	68.6	45.7	26.6	12.0	0.0
75°	143.7	109.6	81.2	54.4	31.8	14.4	0.0
72.5°	164.1	124.4	91.3	62.9	36.8	16.7	0.0
70°	182.9	138.6	101.0	70.7	41.8	18.9	0.0
67.5°	197.2	152.0	110.2	76.5	46.6	21.1	0.0
65°	210.8	163.6	118.9	82.0	51.3	23.3	0.0
62.5°	223.6	173.6	127.0	87.1	55.8	25.4	0.0
60°	235.6	183.0	134.5	91.9	60.2	27.4	0.0
57.5°	246.7	191.6	141.0	96.2	63.1	29.4	0.0
55°	257.1	199.6	147.0	100.2	65.8	31.3	0.0
52.5°	266.6	206.9	152.5	103.8	68.4	33.1	0.0
50°	275.4	214.1	157.5	106.9	71.0	34.9	0.0
47.5°	283.6	220.7	161.9	109.7	73.4	36.5	0.0
45°	291.9	226.5	165.7	112.5	75.7	38.1	0.0
42.5°	299.3	231.7	169.0	115.0	77.8	39.6	0.0
40°	305.7	236.2	172.1	118.1	79.8	41.0	0.0
37.5°	311.1	240.0	175.2	121.5	81.7	42.3	0.0
35°	315.5	243.5	177.7	124.6	83.4	43.5	0.0
32.5°	319.9	246.5	179.7	127.4	85.0	44.6	0.0
30°	325.7	248.7	181.1	130.0	86.5	45.6	0.0
27.5°	330.5	250.1	184.5	132.3	87.8	46.4	0.0
25°	334.4	250.7	187.7	134.3	88.9	47.2	0.0
22.5°	337.3	251.9	190.4	136.0	89.9	47.9	0.0
20°	339.2	255.5	192.6	137.4	90.7	48.5	0.0
17.5°	342.7	258.7	194.3	138.6	91.4	49.0	0.0
15°	346.6	261.4	195.5	139.4	91.9	49.4	0.0
12.5°	349.1	263.5	196.2	140.0	92.3	49.6	0.0
10°	350.4	265.0	196.5	140.3	92.5	49.8	0.0
7.5°	350.4	265.9	196.3	140.3	92.5	49.9	0.0
5°	349.3	266.2	195.6	140.0	92.4	49.9	0.0
2.5°	347.2	265.8	194.5	139.4	92.1	49.7	0.0
0°	344.0	264.8	193.0	138.6	91.6	49.5	0.0
-2.5°	347.2	265.8	194.5	139.4	92.1	49.7	0.0
-5°	349.3	266.2	195.6	140.0	92.4	49.9	0.0
-7.5°	350.4	265.9	196.3	140.3	92.5	49.9	0.0
-10°	350.4	265.0	196.5	140.3	92.5	49.8	0.0
-12.5°	349.1	263.5	196.2	140.0	92.3	49.6	0.0
-15°	346.6	261.4	195.5	139.4	91.9	49.4	0.0
-17.5°	342.7	258.7	194.3	138.6	91.4	49.0	0.0
-20°	339.2	255.5	192.6	137.4	90.7	48.5	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	337.3	251.9	190.4	136.0	89.9	47.9	0.0
-25°	334.4	250.7	187.7	134.3	88.9	47.2	0.0
-27.5°	330.5	250.1	184.5	132.3	87.8	46.4	0.0
-30°	325.7	248.7	181.1	130.0	86.5	45.6	0.0
-32.5°	319.9	246.5	179.7	127.4	85.0	44.6	0.0
-35°	315.5	243.5	177.7	124.6	83.4	43.5	0.0
-37.5°	311.1	240.0	175.2	121.5	81.7	42.3	0.0
-40°	305.7	236.2	172.1	118.1	79.8	41.0	0.0
-42.5°	299.3	231.7	169.0	115.0	77.8	39.6	0.0
-45°	291.9	226.5	165.7	112.5	75.7	38.1	0.0
-47.5°	283.6	220.7	161.9	109.7	73.4	36.5	0.0
-50°	275.4	214.1	157.5	106.9	71.0	34.9	0.0
-52.5°	266.6	206.9	152.5	103.8	68.4	33.1	0.0
-55°	257.1	199.6	147.0	100.2	65.8	31.3	0.0
-57.5°	246.7	191.6	141.0	96.2	63.1	29.4	0.0
-60°	235.6	183.0	134.5	91.9	60.2	27.4	0.0
-62.5°	223.6	173.6	127.0	87.1	55.8	25.4	0.0
-65°	210.8	163.6	118.9	82.0	51.3	23.3	0.0
-67.5°	197.2	152.0	110.2	76.5	46.6	21.1	0.0
-70°	182.9	138.6	101.0	70.7	41.8	18.9	0.0
-72.5°	164.1	124.4	91.3	62.9	36.8	16.7	0.0
-75°	143.7	109.6	81.2	54.4	31.8	14.4	0.0
-77.5°	122.6	94.3	68.6	45.7	26.6	12.0	0.0
-80°	100.9	76.7	55.2	36.8	21.4	9.7	0.0
-82.5°	76.3	57.9	41.6	27.7	16.1	7.3	0.0
-85°	51.1	38.7	27.9	18.5	10.8	4.9	0.0
-87.5°	25.6	19.4	14.0	9.3	5.4	2.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)