

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: P624765 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-VN-06-E-PRO-3000K-44**

Issue Date: 11/8/2022



Test Information

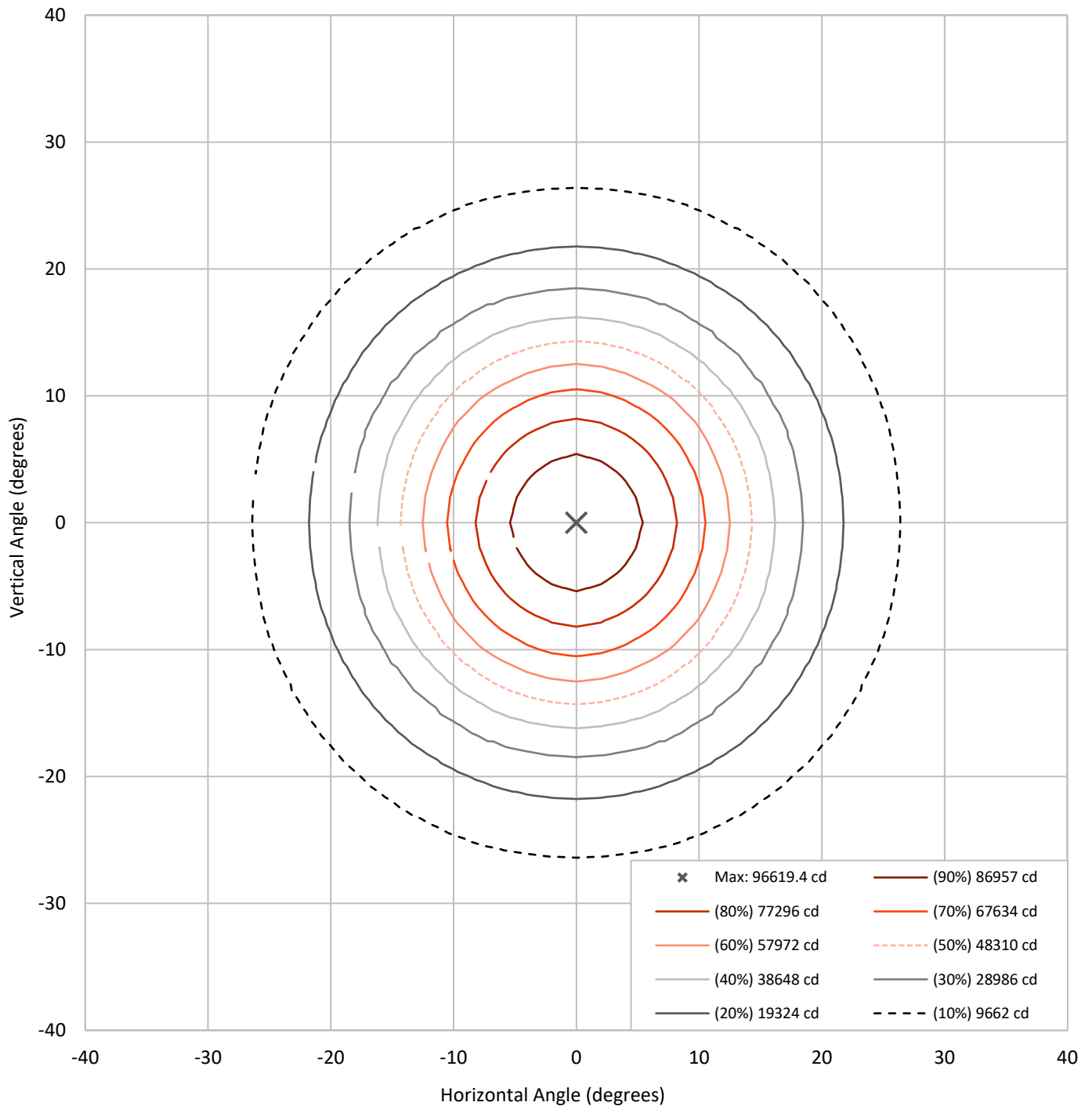
Test Method: LM-79-08
Report Number: P624765 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-765-8)
Test Lab: INNOVATION CENTER
Issue Date: 11/8/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-VN-06-E-PRO-3000K-44
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:	29875.2 lumens	Max Intensity:	96619.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	121.8 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:	14375.2 lumens	Field Lumens:	24271.6 lumens
Beam Efficiency:	48.1%	Field Efficiency:	81.2%
Input Watts (W):	245.3		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

REPORT NUMBER: P624765 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-44

Iso-Candela Plot





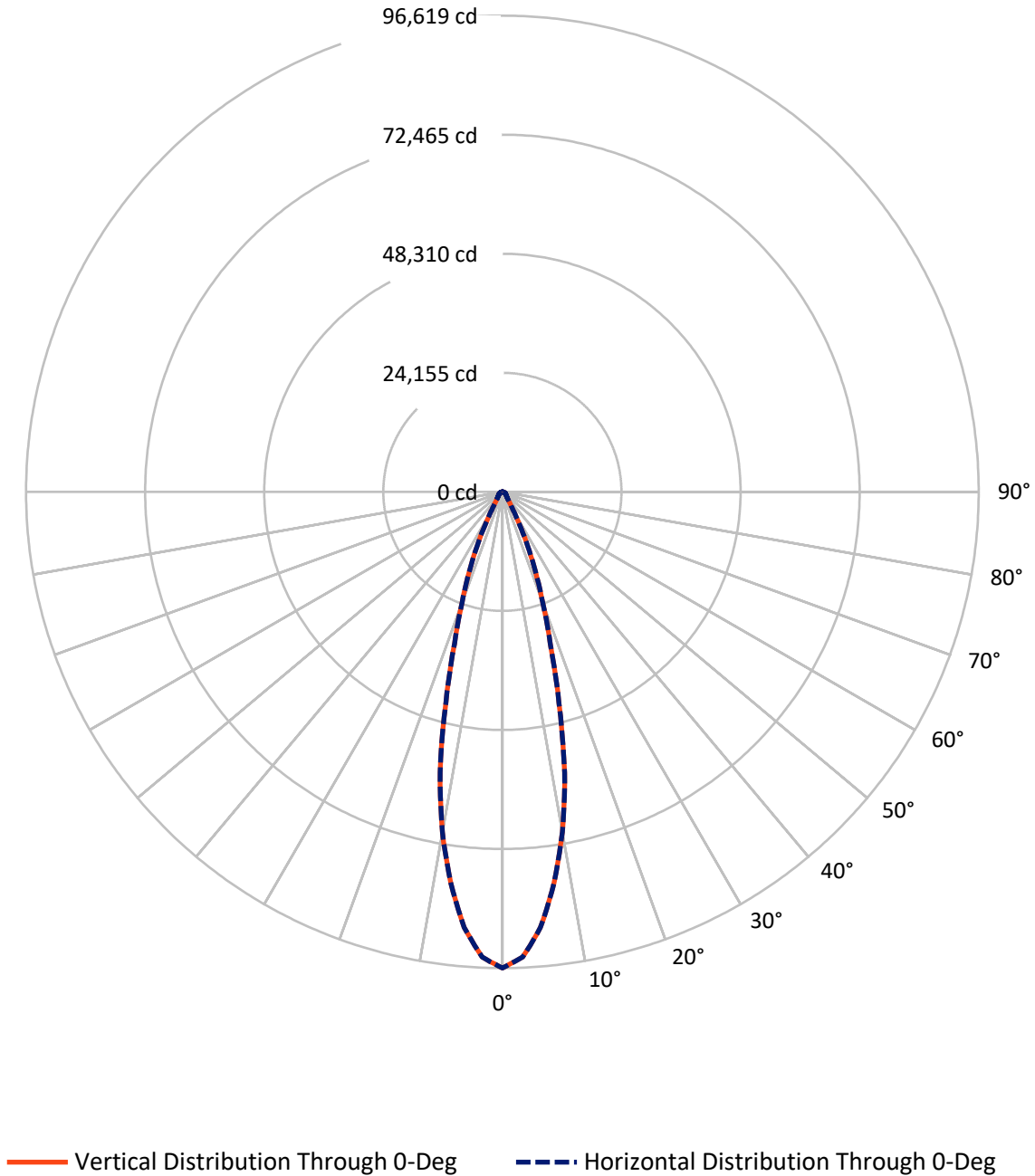
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Lumen Table

90																
80	0.7	5.1		12.9		20.5		23.7		20.5		12.9		5.1	0.7	
70																
60	2.3	2.4	5.0	8.2	11.5	14.4	16.7	17.8	17.8	16.7	14.4	11.5	8.2	5.0	2.4	2.3
50		3.7	7.6	12.1	16.8	20.8	23.9	25.6	25.6	23.9	20.8	16.8	12.1	7.6	3.7	
40	4.0	4.9	9.9	15.6	21.4	27.2	32.4	35.7	35.7	32.4	27.2	21.4	15.6	9.9	4.9	4.0
30		6.0	11.8	18.5	26.5	37.8	55.2	73.3	73.3	55.2	37.8	26.5	18.5	11.8	6.0	
20	5.2	6.8	13.3	21.2	34.2	71.7	196.6	356.0	356.0	196.6	71.7	34.2	21.2	13.3	6.8	5.2
10		7.4	14.3	23.8	47.1	185.6	637.8	1230.8	1230.8	637.8	185.6	47.1	23.8	14.3	7.4	
0	5.7	7.7	14.8	25.5	60.9	326.9	1197.5	2361.2	2361.2	1197.5	326.9	60.9	25.5	14.8	7.7	5.7
-10		7.7	14.8	25.5	60.9	326.9	1197.5	2361.2	2361.2	1197.5	326.9	60.9	25.5	14.8	7.7	
-20	5.2	7.4	14.3	23.8	47.1	185.6	637.8	1230.8	1230.8	637.8	185.6	47.1	23.8	14.3	7.4	5.2
-30		6.8	13.3	21.2	34.2	71.7	196.6	356.0	356.0	196.6	71.7	34.2	21.2	13.3	6.8	
-40	4.0	6.0	11.8	18.5	26.5	37.8	55.2	73.3	73.3	55.2	37.8	26.5	18.5	11.8	6.0	4.0
-50		4.9	9.9	15.6	21.4	27.2	32.4	35.7	35.7	32.4	27.2	21.4	15.6	9.9	4.9	
-60	2.3	3.7	7.6	12.1	16.8	20.8	23.9	25.6	25.6	23.9	20.8	16.8	12.1	7.6	3.7	2.3
-70		2.4	5.0	8.2	11.5	14.4	16.7	17.8	17.8	16.7	14.4	11.5	8.2	5.0	2.4	
-80																
-90	0.7	5.1		12.9		20.5		23.7		20.5		12.9		5.1	0.7	
Horizontal Angle (degrees)																

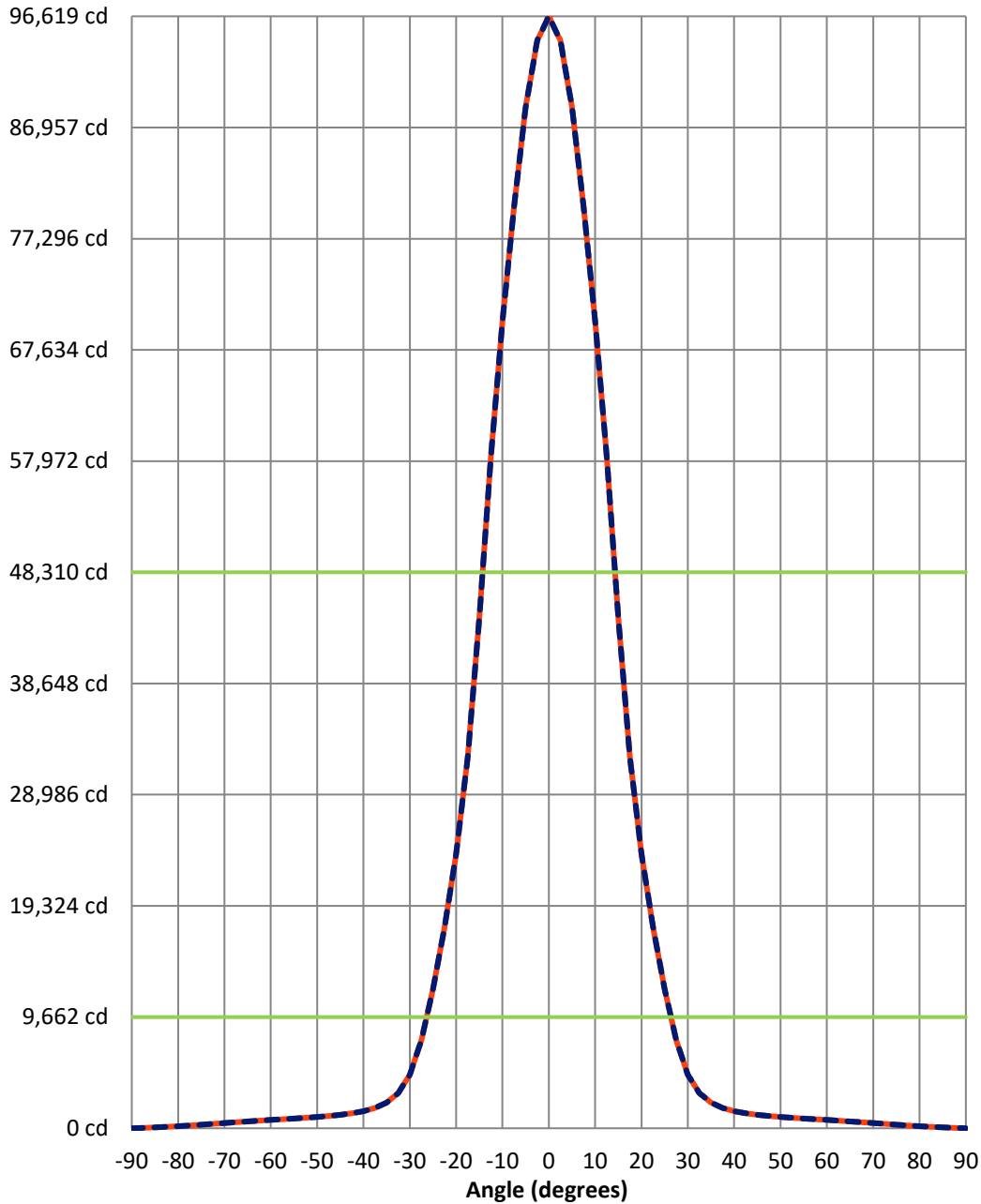
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.6°
 V Angle: 28.6°
 Lumens: 14375.2
 Efficiency: 48.1%

Field:
 H Angle: 52.7°
 V Angle: 52.7°
 Lumens: 24271.6
 Efficiency: 81.2%

Spill:
 Lumens: 5603.6
 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	1.5	3.0	4.5	6.0	7.4	8.9	10.3	11.7	13.1	14.5
85°	0.0	3.0	6.0	8.9	11.9	14.8	17.7	20.6	23.4	26.2	29.0
82.5°	0.0	4.5	8.9	13.4	17.8	22.2	26.6	30.9	35.3	40.6	45.8
80°	0.0	6.0	11.9	17.8	23.7	29.6	35.6	42.9	50.1	57.2	64.1
77.5°	0.0	7.4	14.8	22.2	29.6	37.5	46.7	55.8	64.7	73.6	82.5
75°	0.0	8.9	17.7	26.6	35.6	46.7	57.7	68.5	79.4	90.7	101.8
72.5°	0.0	10.3	20.6	30.9	42.9	55.8	68.5	81.4	94.8	107.9	120.9
70°	0.0	11.7	23.4	35.3	50.1	64.7	79.4	94.8	110.0	125.0	141.8
67.5°	0.0	13.1	26.2	40.6	57.2	73.6	90.7	107.9	125.0	144.1	162.9
65°	0.0	14.5	29.0	45.8	64.1	82.5	101.8	120.9	141.8	162.9	184.8
62.5°	0.0	15.8	31.6	51.0	70.9	91.6	112.7	134.8	158.2	182.0	208.8
60°	0.0	17.1	34.3	56.0	77.6	100.6	123.4	148.9	174.3	203.3	232.4
57.5°	0.0	18.4	37.5	60.8	84.5	109.2	135.1	162.7	192.3	224.1	257.0
55°	0.0	19.7	40.7	65.6	91.3	117.7	146.6	176.2	210.3	244.8	281.8
52.5°	0.0	20.9	43.7	70.2	97.9	126.1	157.8	191.3	227.9	266.5	305.9
50°	0.0	22.0	46.7	74.6	104.2	135.1	168.6	206.1	245.4	287.6	331.2
47.5°	0.0	23.2	49.6	79.0	110.4	143.9	179.4	220.5	263.5	307.9	356.0
45°	0.0	24.2	52.3	83.4	116.3	152.2	191.2	234.3	280.9	329.3	379.8
42.5°	0.0	25.3	55.0	87.7	121.9	160.3	202.5	248.4	297.6	349.9	402.0
40°	0.0	26.3	57.5	91.7	127.7	167.9	213.4	262.3	314.1	369.6	423.0
37.5°	0.0	27.2	59.8	95.5	133.5	175.2	223.7	275.6	330.7	388.2	443.1
35°	0.0	28.1	62.1	99.2	139.0	182.9	233.4	288.1	346.4	405.2	462.1
32.5°	0.0	28.9	64.2	102.6	144.1	190.5	242.9	299.9	361.2	421.3	480.1
30°	0.0	29.7	66.2	105.7	149.0	197.6	252.3	311.2	375.1	436.3	496.9
27.5°	0.0	30.4	68.0	108.7	153.4	204.2	261.1	322.5	387.8	450.3	512.6
25°	0.0	31.1	69.7	111.4	157.6	210.3	269.1	332.8	399.2	463.2	527.0
22.5°	0.0	31.7	71.2	113.9	161.3	215.8	276.5	342.2	409.6	475.0	539.1
20°	0.0	32.2	72.6	116.1	164.7	220.8	283.1	350.7	418.9	485.7	550.0
17.5°	0.0	32.7	73.9	118.1	167.7	225.3	289.0	358.2	427.2	495.1	559.7
15°	0.0	33.1	74.9	119.8	170.3	229.1	294.1	364.8	434.5	503.4	568.2
12.5°	0.0	33.5	75.8	121.3	172.5	232.4	298.4	370.4	440.7	510.4	575.4
10°	0.0	33.8	76.6	122.5	174.3	235.1	302.0	375.0	445.7	516.2	581.3
7.5°	0.0	34.0	77.2	123.4	175.8	237.2	304.8	378.6	449.7	520.7	585.9
5°	0.0	34.2	77.6	124.1	176.8	238.7	306.8	381.1	452.5	523.9	589.2
2.5°	0.0	34.3	77.8	124.5	177.4	239.6	308.0	382.7	454.2	525.9	591.2
0°	0.0	34.3	77.9	124.6	177.6	239.9	308.4	383.2	454.8	526.5	591.9
-2.5°	0.0	34.3	77.8	124.5	177.4	239.6	308.0	382.7	454.2	525.9	591.2
-5°	0.0	34.2	77.6	124.1	176.8	238.7	306.8	381.1	452.5	523.9	589.2
-7.5°	0.0	34.0	77.2	123.4	175.8	237.2	304.8	378.6	449.7	520.7	585.9
-10°	0.0	33.8	76.6	122.5	174.3	235.1	302.0	375.0	445.7	516.2	581.3
-12.5°	0.0	33.5	75.8	121.3	172.5	232.4	298.4	370.4	440.7	510.4	575.4
-15°	0.0	33.1	74.9	119.8	170.3	229.1	294.1	364.8	434.5	503.4	568.2
-17.5°	0.0	32.7	73.9	118.1	167.7	225.3	289.0	358.2	427.2	495.1	559.7
-20°	0.0	32.2	72.6	116.1	164.7	220.8	283.1	350.7	418.9	485.7	550.0

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CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-44

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	31.7	71.2	113.9	161.3	215.8	276.5	342.2	409.6	475.0	539.1
-25°	0.0	31.1	69.7	111.4	157.6	210.3	269.1	332.8	399.2	463.2	527.0
-27.5°	0.0	30.4	68.0	108.7	153.4	204.2	261.1	322.5	387.8	450.3	512.6
-30°	0.0	29.7	66.2	105.7	149.0	197.6	252.3	311.2	375.1	436.3	496.9
-32.5°	0.0	28.9	64.2	102.6	144.1	190.5	242.9	299.9	361.2	421.3	480.1
-35°	0.0	28.1	62.1	99.2	139.0	182.9	233.4	288.1	346.4	405.2	462.1
-37.5°	0.0	27.2	59.8	95.5	133.5	175.2	223.7	275.6	330.7	388.2	443.1
-40°	0.0	26.3	57.5	91.7	127.7	167.9	213.4	262.3	314.1	369.6	423.0
-42.5°	0.0	25.3	55.0	87.7	121.9	160.3	202.5	248.4	297.6	349.9	402.0
-45°	0.0	24.2	52.3	83.4	116.3	152.2	191.2	234.3	280.9	329.3	379.8
-47.5°	0.0	23.2	49.6	79.0	110.4	143.9	179.4	220.5	263.5	307.9	356.0
-50°	0.0	22.0	46.7	74.6	104.2	135.1	168.6	206.1	245.4	287.6	331.2
-52.5°	0.0	20.9	43.7	70.2	97.9	126.1	157.8	191.3	227.9	266.5	305.9
-55°	0.0	19.7	40.7	65.6	91.3	117.7	146.6	176.2	210.3	244.8	281.8
-57.5°	0.0	18.4	37.5	60.8	84.5	109.2	135.1	162.7	192.3	224.1	257.0
-60°	0.0	17.1	34.3	56.0	77.6	100.6	123.4	148.9	174.3	203.3	232.4
-62.5°	0.0	15.8	31.6	51.0	70.9	91.6	112.7	134.8	158.2	182.0	208.8
-65°	0.0	14.5	29.0	45.8	64.1	82.5	101.8	120.9	141.8	162.9	184.8
-67.5°	0.0	13.1	26.2	40.6	57.2	73.6	90.7	107.9	125.0	144.1	162.9
-70°	0.0	11.7	23.4	35.3	50.1	64.7	79.4	94.8	110.0	125.0	141.8
-72.5°	0.0	10.3	20.6	30.9	42.9	55.8	68.5	81.4	94.8	107.9	120.9
-75°	0.0	8.9	17.7	26.6	35.6	46.7	57.7	68.5	79.4	90.7	101.8
-77.5°	0.0	7.4	14.8	22.2	29.6	37.5	46.7	55.8	64.7	73.6	82.5
-80°	0.0	6.0	11.9	17.8	23.7	29.6	35.6	42.9	50.1	57.2	64.1
-82.5°	0.0	4.5	8.9	13.4	17.8	22.2	26.6	30.9	35.3	40.6	45.8
-85°	0.0	3.0	6.0	8.9	11.9	14.8	17.7	20.6	23.4	26.2	29.0
-87.5°	0.0	1.5	3.0	4.5	6.0	7.4	8.9	10.3	11.7	13.1	14.5
-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-3000K-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°	15.8	17.1	18.4	19.7	20.9	22.0	23.2	24.2	25.3	26.3	27.2
85°	31.6	34.3	37.5	40.7	43.7	46.7	49.6	52.3	55.0	57.5	59.8
82.5°	51.0	56.0	60.8	65.6	70.2	74.6	79.0	83.4	87.7	91.7	95.5
80°	70.9	77.6	84.5	91.3	97.9	104.2	110.4	116.3	121.9	127.7	133.5
77.5°	91.6	100.6	109.2	117.7	126.1	135.1	143.9	152.2	160.3	167.9	175.2
75°	112.7	123.4	135.1	146.6	157.8	168.6	179.4	191.2	202.5	213.4	223.7
72.5°	134.8	148.9	162.7	176.2	191.3	206.1	220.5	234.3	248.4	262.3	275.6
70°	158.2	174.3	192.3	210.3	227.9	245.4	263.5	280.9	297.6	314.1	330.7
67.5°	182.0	203.3	224.1	244.8	266.5	287.6	307.9	329.3	349.9	369.6	388.2
65°	208.8	232.4	257.0	281.8	305.9	331.2	356.0	379.8	402.0	423.0	443.1
62.5°	235.2	263.2	291.0	319.1	348.1	376.2	402.6	427.8	452.0	475.3	497.5
60°	263.2	294.1	325.9	358.2	389.5	418.9	447.4	475.0	501.6	527.0	549.3
57.5°	291.0	325.9	361.6	396.1	428.8	460.7	491.6	521.6	548.4	573.7	598.2
55°	319.1	358.2	396.1	432.1	467.3	501.7	534.3	563.8	592.4	621.1	648.6
52.5°	348.1	389.5	428.8	467.3	505.0	540.5	573.2	605.5	637.7	668.6	698.3
50°	376.2	418.9	460.7	501.7	540.5	576.3	612.2	647.7	682.1	715.3	743.8
47.5°	402.6	447.4	491.6	534.3	573.2	612.2	651.1	688.9	725.6	755.2	783.1
45°	427.8	475.0	521.6	563.8	605.5	647.7	688.9	729.0	760.9	792.2	823.6
42.5°	452.0	501.6	548.4	592.4	637.7	682.1	725.6	760.9	795.2	829.8	866.1
40°	475.3	527.0	573.7	621.1	668.6	715.3	755.2	792.2	829.8	869.8	910.8
37.5°	497.5	549.3	598.2	648.6	698.3	743.8	783.1	823.6	866.1	910.8	954.1
35°	518.6	570.4	622.4	674.9	726.6	768.8	811.2	855.2	903.3	950.2	999.2
32.5°	537.5	590.4	645.3	699.7	749.0	792.9	838.0	888.4	938.8	989.6	1048.5
30°	554.5	610.0	666.8	723.1	769.8	816.5	866.5	920.0	972.5	1033.8	1102.4
27.5°	570.4	628.3	686.9	742.1	789.4	838.6	894.1	949.6	1009.6	1077.9	1157.0
25°	585.1	645.3	705.5	758.7	808.4	861.6	919.8	977.3	1046.2	1125.9	1220.5
22.5°	598.8	660.8	722.5	773.9	825.9	883.5	943.5	1007.9	1083.3	1171.0	1282.7
20°	611.5	674.9	736.3	787.8	841.8	903.4	965.1	1036.5	1121.1	1224.1	1353.0
17.5°	622.9	687.4	747.5	800.8	857.8	921.3	985.2	1062.2	1155.2	1272.0	1422.8
15°	632.7	698.3	757.4	812.2	872.2	936.9	1006.0	1089.3	1190.3	1318.6	1485.7
12.5°	641.2	707.6	765.8	821.9	884.4	950.3	1023.9	1113.0	1223.9	1367.8	1569.5
10°	648.1	715.3	772.7	829.9	894.6	961.4	1038.7	1132.7	1251.8	1408.7	1639.4
7.5°	653.5	721.3	778.1	836.2	902.5	970.1	1050.3	1148.2	1273.7	1440.9	1694.5
5°	657.4	725.6	782.0	840.7	908.2	976.3	1058.7	1159.3	1289.5	1464.2	1734.3
2.5°	659.7	728.1	784.3	843.4	911.7	980.0	1063.7	1166.1	1299.0	1478.2	1758.3
0°	660.5	729.0	785.1	844.3	912.8	981.3	1065.4	1168.3	1302.2	1482.9	1766.4
-2.5°	659.7	728.1	784.3	843.4	911.7	980.0	1063.7	1166.1	1299.0	1478.2	1758.3
-5°	657.4	725.6	782.0	840.7	908.2	976.3	1058.7	1159.3	1289.5	1464.2	1734.3
-7.5°	653.5	721.3	778.1	836.2	902.5	970.1	1050.3	1148.2	1273.7	1440.9	1694.5
-10°	648.1	715.3	772.7	829.9	894.6	961.4	1038.7	1132.7	1251.8	1408.7	1639.4
-12.5°	641.2	707.6	765.8	821.9	884.4	950.3	1023.9	1113.0	1223.9	1367.8	1569.5
-15°	632.7	698.3	757.4	812.2	872.2	936.9	1006.0	1089.3	1190.3	1318.6	1485.7
-17.5°	622.9	687.4	747.5	800.8	857.8	921.3	985.2	1062.2	1155.2	1272.0	1422.8
-20°	611.5	674.9	736.3	787.8	841.8	903.4	965.1	1036.5	1121.1	1224.1	1353.0

Classified

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

Scaled Data Report



REPORT NUMBER: P624765 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-44

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	598.8	660.8	722.5	773.9	825.9	883.5	943.5	1007.9	1083.3	1171.0	1282.7
-25°	585.1	645.3	705.5	758.7	808.4	861.6	919.8	977.3	1046.2	1125.9	1220.5
-27.5°	570.4	628.3	686.9	742.1	789.4	838.6	894.1	949.6	1009.6	1077.9	1157.0
-30°	554.5	610.0	666.8	723.1	769.8	816.5	866.5	920.0	972.5	1033.8	1102.4
-32.5°	537.5	590.4	645.3	699.7	749.0	792.9	838.0	888.4	938.8	989.6	1048.5
-35°	518.6	570.4	622.4	674.9	726.6	768.8	811.2	855.2	903.3	950.2	999.2
-37.5°	497.5	549.3	598.2	648.6	698.3	743.8	783.1	823.6	866.1	910.8	954.1
-40°	475.3	527.0	573.7	621.1	668.6	715.3	755.2	792.2	829.8	869.8	910.8
-42.5°	452.0	501.6	548.4	592.4	637.7	682.1	725.6	760.9	795.2	829.8	866.1
-45°	427.8	475.0	521.6	563.8	605.5	647.7	688.9	729.0	760.9	792.2	823.6
-47.5°	402.6	447.4	491.6	534.3	573.2	612.2	651.1	688.9	725.6	755.2	783.1
-50°	376.2	418.9	460.7	501.7	540.5	576.3	612.2	647.7	682.1	715.3	743.8
-52.5°	348.1	389.5	428.8	467.3	505.0	540.5	573.2	605.5	637.7	668.6	698.3
-55°	319.1	358.2	396.1	432.1	467.3	501.7	534.3	563.8	592.4	621.1	648.6
-57.5°	291.0	325.9	361.6	396.1	428.8	460.7	491.6	521.6	548.4	573.7	598.2
-60°	263.2	294.1	325.9	358.2	389.5	418.9	447.4	475.0	501.6	527.0	549.3
-62.5°	235.2	263.2	291.0	319.1	348.1	376.2	402.6	427.8	452.0	475.3	497.5
-65°	208.8	232.4	257.0	281.8	305.9	331.2	356.0	379.8	402.0	423.0	443.1
-67.5°	182.0	203.3	224.1	244.8	266.5	287.6	307.9	329.3	349.9	369.6	388.2
-70°	158.2	174.3	192.3	210.3	227.9	245.4	263.5	280.9	297.6	314.1	330.7
-72.5°	134.8	148.9	162.7	176.2	191.3	206.1	220.5	234.3	248.4	262.3	275.6
-75°	112.7	123.4	135.1	146.6	157.8	168.6	179.4	191.2	202.5	213.4	223.7
-77.5°	91.6	100.6	109.2	117.7	126.1	135.1	143.9	152.2	160.3	167.9	175.2
-80°	70.9	77.6	84.5	91.3	97.9	104.2	110.4	116.3	121.9	127.7	133.5
-82.5°	51.0	56.0	60.8	65.6	70.2	74.6	79.0	83.4	87.7	91.7	95.5
-85°	31.6	34.3	37.5	40.7	43.7	46.7	49.6	52.3	55.0	57.5	59.8
-87.5°	15.8	17.1	18.4	19.7	20.9	22.0	23.2	24.2	25.3	26.3	27.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P624765 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-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°	28.1	28.9	29.7	30.4	31.1	31.7	32.2	32.7	33.1	33.5	33.8
85°	62.1	64.2	66.2	68.0	69.7	71.2	72.6	73.9	74.9	75.8	76.6
82.5°	99.2	102.6	105.7	108.7	111.4	113.9	116.1	118.1	119.8	121.3	122.5
80°	139.0	144.1	149.0	153.4	157.6	161.3	164.7	167.7	170.3	172.5	174.3
77.5°	182.9	190.5	197.6	204.2	210.3	215.8	220.8	225.3	229.1	232.4	235.1
75°	233.4	242.9	252.3	261.1	269.1	276.5	283.1	289.0	294.1	298.4	302.0
72.5°	288.1	299.9	311.2	322.5	332.8	342.2	350.7	358.2	364.8	370.4	375.0
70°	346.4	361.2	375.1	387.8	399.2	409.6	418.9	427.2	434.5	440.7	445.7
67.5°	405.2	421.3	436.3	450.3	463.2	475.0	485.7	495.1	503.4	510.4	516.2
65°	462.1	480.1	496.9	512.6	527.0	539.1	550.0	559.7	568.2	575.4	581.3
62.5°	518.6	537.5	554.5	570.4	585.1	598.8	611.5	622.9	632.7	641.2	648.1
60°	570.4	590.4	610.0	628.3	645.3	660.8	674.9	687.4	698.3	707.6	715.3
57.5°	622.4	645.3	666.8	686.9	705.5	722.5	736.3	747.5	757.4	765.8	772.7
55°	674.9	699.7	723.1	742.1	758.7	773.9	787.8	800.8	812.2	821.9	829.9
52.5°	726.6	749.0	769.8	789.4	808.4	825.9	841.8	857.8	872.2	884.4	894.6
50°	768.8	792.9	816.5	838.6	861.6	883.5	903.4	921.3	936.9	950.3	961.4
47.5°	811.2	838.0	866.5	894.1	919.8	943.5	965.1	985.2	1006.0	1023.9	1038.7
45°	855.2	888.4	920.0	949.6	977.3	1007.9	1036.5	1062.2	1089.3	1113.0	1132.7
42.5°	903.3	938.8	972.5	1009.6	1046.2	1083.3	1121.1	1155.2	1190.3	1223.9	1251.8
40°	950.2	989.6	1033.8	1077.9	1125.9	1171.0	1224.1	1272.0	1318.6	1367.8	1408.7
37.5°	999.2	1048.5	1102.4	1157.0	1220.5	1282.7	1353.0	1422.8	1485.7	1569.5	1639.4
35°	1053.5	1114.7	1178.3	1254.1	1333.8	1423.8	1520.5	1638.7	1743.9	1878.7	2003.2
32.5°	1114.7	1186.6	1271.1	1369.1	1472.1	1617.5	1757.6	1961.0	2147.6	2371.5	2613.1
30°	1178.3	1271.1	1381.0	1504.5	1676.8	1885.2	2131.9	2456.6	2816.5	3200.2	3711.5
27.5°	1254.1	1369.1	1504.5	1696.8	1952.9	2241.8	2713.3	3231.8	3988.0	4651.4	5700.8
25°	1333.8	1472.1	1676.8	1952.9	2304.8	2844.2	3626.2	4532.7	5968.9	7330.3	8884.2
22.5°	1423.8	1617.5	1885.2	2241.8	2844.2	3759.5	4949.3	6787.6	8852.8	11055.8	13126.1
20°	1520.5	1757.6	2131.9	2713.3	3626.2	4949.3	7065.3	9715.4	12484.5	15425.3	18057.4
17.5°	1638.7	1961.0	2456.6	3231.8	4532.7	6787.6	9715.4	13046.6	16617.4	20294.1	23643.7
15°	1743.9	2147.6	2816.5	3988.0	5968.9	8852.8	12484.5	16617.4	21061.3	25749.2	30695.0
12.5°	1878.7	2371.5	3200.2	4651.4	7330.3	11055.8	15425.3	20294.1	25749.2	31896.3	39718.1
10°	2003.2	2613.1	3711.5	5700.8	8884.2	13126.1	18057.4	23643.7	30695.0	39718.1	49353.9
7.5°	2101.7	2804.7	4118.4	6541.7	10256.9	14979.9	20512.1	27230.8	35972.8	46889.5	58446.1
5°	2173.0	2943.7	4414.3	7155.3	11263.0	16346.6	22335.8	29971.7	40515.0	53034.3	64611.1
2.5°	2216.2	3028.0	4594.0	7528.9	11877.6	17185.1	23461.2	31676.9	43374.9	56975.1	68684.4
0°	2230.6	3056.2	4654.3	7654.4	12084.4	17467.8	23841.8	32256.3	44353.2	58338.0	70120.3
-2.5°	2216.2	3028.0	4594.0	7528.9	11877.6	17185.1	23461.2	31676.9	43374.9	56975.1	68684.4
-5°	2173.0	2943.7	4414.3	7155.3	11263.0	16346.6	22335.8	29971.7	40515.0	53034.3	64611.1
-7.5°	2101.7	2804.7	4118.4	6541.7	10256.9	14979.9	20512.1	27230.8	35972.8	46889.5	58446.1
-10°	2003.2	2613.1	3711.5	5700.8	8884.2	13126.1	18057.4	23643.7	30695.0	39718.1	49353.9
-12.5°	1878.7	2371.5	3200.2	4651.4	7330.3	11055.8	15425.3	20294.1	25749.2	31896.3	39718.1
-15°	1743.9	2147.6	2816.5	3988.0	5968.9	8852.8	12484.5	16617.4	21061.3	25749.2	30695.0
-17.5°	1638.7	1961.0	2456.6	3231.8	4532.7	6787.6	9715.4	13046.6	16617.4	20294.1	23643.7
-20°	1520.5	1757.6	2131.9	2713.3	3626.2	4949.3	7065.3	9715.4	12484.5	15425.3	18057.4

Classified

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

Scaled Data Report



REPORT NUMBER: P624765 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-44

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1423.8	1617.5	1885.2	2241.8	2844.2	3759.5	4949.3	6787.6	8852.8	11055.8	13126.1
-25°	1333.8	1472.1	1676.8	1952.9	2304.8	2844.2	3626.2	4532.7	5968.9	7330.3	8884.2
-27.5°	1254.1	1369.1	1504.5	1696.8	1952.9	2241.8	2713.3	3231.8	3988.0	4651.4	5700.8
-30°	1178.3	1271.1	1381.0	1504.5	1676.8	1885.2	2131.9	2456.6	2816.5	3200.2	3711.5
-32.5°	1114.7	1186.6	1271.1	1369.1	1472.1	1617.5	1757.6	1961.0	2147.6	2371.5	2613.1
-35°	1053.5	1114.7	1178.3	1254.1	1333.8	1423.8	1520.5	1638.7	1743.9	1878.7	2003.2
-37.5°	999.2	1048.5	1102.4	1157.0	1220.5	1282.7	1353.0	1422.8	1485.7	1569.5	1639.4
-40°	950.2	989.6	1033.8	1077.9	1125.9	1171.0	1224.1	1272.0	1318.6	1367.8	1408.7
-42.5°	903.3	938.8	972.5	1009.6	1046.2	1083.3	1121.1	1155.2	1190.3	1223.9	1251.8
-45°	855.2	888.4	920.0	949.6	977.3	1007.9	1036.5	1062.2	1089.3	1113.0	1132.7
-47.5°	811.2	838.0	866.5	894.1	919.8	943.5	965.1	985.2	1006.0	1023.9	1038.7
-50°	768.8	792.9	816.5	838.6	861.6	883.5	903.4	921.3	936.9	950.3	961.4
-52.5°	726.6	749.0	769.8	789.4	808.4	825.9	841.8	857.8	872.2	884.4	894.6
-55°	674.9	699.7	723.1	742.1	758.7	773.9	787.8	800.8	812.2	821.9	829.9
-57.5°	622.4	645.3	666.8	686.9	705.5	722.5	736.3	747.5	757.4	765.8	772.7
-60°	570.4	590.4	610.0	628.3	645.3	660.8	674.9	687.4	698.3	707.6	715.3
-62.5°	518.6	537.5	554.5	570.4	585.1	598.8	611.5	622.9	632.7	641.2	648.1
-65°	462.1	480.1	496.9	512.6	527.0	539.1	550.0	559.7	568.2	575.4	581.3
-67.5°	405.2	421.3	436.3	450.3	463.2	475.0	485.7	495.1	503.4	510.4	516.2
-70°	346.4	361.2	375.1	387.8	399.2	409.6	418.9	427.2	434.5	440.7	445.7
-72.5°	288.1	299.9	311.2	322.5	332.8	342.2	350.7	358.2	364.8	370.4	375.0
-75°	233.4	242.9	252.3	261.1	269.1	276.5	283.1	289.0	294.1	298.4	302.0
-77.5°	182.9	190.5	197.6	204.2	210.3	215.8	220.8	225.3	229.1	232.4	235.1
-80°	139.0	144.1	149.0	153.4	157.6	161.3	164.7	167.7	170.3	172.5	174.3
-82.5°	99.2	102.6	105.7	108.7	111.4	113.9	116.1	118.1	119.8	121.3	122.5
-85°	62.1	64.2	66.2	68.0	69.7	71.2	72.6	73.9	74.9	75.8	76.6
-87.5°	28.1	28.9	29.7	30.4	31.1	31.7	32.2	32.7	33.1	33.5	33.8
-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: P624765 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-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°	34.0	34.2	34.3	34.3	34.3	34.2	34.0	33.8	33.5	33.1	32.7
85°	77.2	77.6	77.8	77.9	77.8	77.6	77.2	76.6	75.8	74.9	73.9
82.5°	123.4	124.1	124.5	124.6	124.5	124.1	123.4	122.5	121.3	119.8	118.1
80°	175.8	176.8	177.4	177.6	177.4	176.8	175.8	174.3	172.5	170.3	167.7
77.5°	237.2	238.7	239.6	239.9	239.6	238.7	237.2	235.1	232.4	229.1	225.3
75°	304.8	306.8	308.0	308.4	308.0	306.8	304.8	302.0	298.4	294.1	289.0
72.5°	378.6	381.1	382.7	383.2	382.7	381.1	378.6	375.0	370.4	364.8	358.2
70°	449.7	452.5	454.2	454.8	454.2	452.5	449.7	445.7	440.7	434.5	427.2
67.5°	520.7	523.9	525.9	526.5	525.9	523.9	520.7	516.2	510.4	503.4	495.1
65°	585.9	589.2	591.2	591.9	591.2	589.2	585.9	581.3	575.4	568.2	559.7
62.5°	653.5	657.4	659.7	660.5	659.7	657.4	653.5	648.1	641.2	632.7	622.9
60°	721.3	725.6	728.1	729.0	728.1	725.6	721.3	715.3	707.6	698.3	687.4
57.5°	778.1	782.0	784.3	785.1	784.3	782.0	778.1	772.7	765.8	757.4	747.5
55°	836.2	840.7	843.4	844.3	843.4	840.7	836.2	829.9	821.9	812.2	800.8
52.5°	902.5	908.2	911.7	912.8	911.7	908.2	902.5	894.6	884.4	872.2	857.8
50°	970.1	976.3	980.0	981.3	980.0	976.3	970.1	961.4	950.3	936.9	921.3
47.5°	1050.3	1058.7	1063.7	1065.4	1063.7	1058.7	1050.3	1038.7	1023.9	1006.0	985.2
45°	1148.2	1159.3	1166.1	1168.3	1166.1	1159.3	1148.2	1132.7	1113.0	1089.3	1062.2
42.5°	1273.7	1289.5	1299.0	1302.2	1299.0	1289.5	1273.7	1251.8	1223.9	1190.3	1155.2
40°	1440.9	1464.2	1478.2	1482.9	1478.2	1464.2	1440.9	1408.7	1367.8	1318.6	1272.0
37.5°	1694.5	1734.3	1758.3	1766.4	1758.3	1734.3	1694.5	1639.4	1569.5	1485.7	1422.8
35°	2101.7	2173.0	2216.2	2230.6	2216.2	2173.0	2101.7	2003.2	1878.7	1743.9	1638.7
32.5°	2804.7	2943.7	3028.0	3056.2	3028.0	2943.7	2804.7	2613.1	2371.5	2147.6	1961.0
30°	4118.4	4414.3	4594.0	4654.3	4594.0	4414.3	4118.4	3711.5	3200.2	2816.5	2456.6
27.5°	6541.7	7155.3	7528.9	7654.4	7528.9	7155.3	6541.7	5700.8	4651.4	3988.0	3231.8
25°	10256.9	11263.0	11877.6	12084.4	11877.6	11263.0	10256.9	8884.2	7330.3	5968.9	4532.7
22.5°	14979.9	16346.6	17185.1	17467.8	17185.1	16346.6	14979.9	13126.1	11055.8	8852.8	6787.6
20°	20512.1	22335.8	23461.2	23841.8	23461.2	22335.8	20512.1	18057.4	15425.3	12484.5	9715.4
17.5°	27230.8	29971.7	31676.9	32256.3	31676.9	29971.7	27230.8	23643.7	20294.1	16617.4	13046.6
15°	35972.8	40515.0	43374.9	44353.2	43374.9	40515.0	35972.8	30695.0	25749.2	21061.3	16617.4
12.5°	46889.5	53034.3	56975.1	58338.0	56975.1	53034.3	46889.5	39718.1	31896.3	25749.2	20294.1
10°	58446.1	64611.1	68684.4	70120.3	68684.4	64611.1	58446.1	49353.9	39718.1	30695.0	23643.7
7.5°	67333.0	74078.0	78467.6	80073.8	78467.6	74078.0	67333.0	58446.1	46889.5	35972.8	27230.8
5°	74078.0	81572.6	86683.0	88718.9	86683.0	81572.6	74078.0	64611.1	53034.3	40515.0	29971.7
2.5°	78467.6	86683.0	92103.6	94494.7	92103.6	86683.0	78467.6	68684.4	56975.1	43374.9	31676.9
0°	80073.8	88718.9	94494.7	96619.4	94494.7	88718.9	80073.8	70120.3	58338.0	44353.2	32256.3
-2.5°	78467.6	86683.0	92103.6	94494.7	92103.6	86683.0	78467.6	68684.4	56975.1	43374.9	31676.9
-5°	74078.0	81572.6	86683.0	88718.9	86683.0	81572.6	74078.0	64611.1	53034.3	40515.0	29971.7
-7.5°	67333.0	74078.0	78467.6	80073.8	78467.6	74078.0	67333.0	58446.1	46889.5	35972.8	27230.8
-10°	58446.1	64611.1	68684.4	70120.3	68684.4	64611.1	58446.1	49353.9	39718.1	30695.0	23643.7
-12.5°	46889.5	53034.3	56975.1	58338.0	56975.1	53034.3	46889.5	39718.1	31896.3	25749.2	20294.1
-15°	35972.8	40515.0	43374.9	44353.2	43374.9	40515.0	35972.8	30695.0	25749.2	21061.3	16617.4
-17.5°	27230.8	29971.7	31676.9	32256.3	31676.9	29971.7	27230.8	23643.7	20294.1	16617.4	13046.6
-20°	20512.1	22335.8	23461.2	23841.8	23461.2	22335.8	20512.1	18057.4	15425.3	12484.5	9715.4



REPORT NUMBER: P624765 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-44

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	14979.9	16346.6	17185.1	17467.8	17185.1	16346.6	14979.9	13126.1	11055.8	8852.8	6787.6
-25°	10256.9	11263.0	11877.6	12084.4	11877.6	11263.0	10256.9	8884.2	7330.3	5968.9	4532.7
-27.5°	6541.7	7155.3	7528.9	7654.4	7528.9	7155.3	6541.7	5700.8	4651.4	3988.0	3231.8
-30°	4118.4	4414.3	4594.0	4654.3	4594.0	4414.3	4118.4	3711.5	3200.2	2816.5	2456.6
-32.5°	2804.7	2943.7	3028.0	3056.2	3028.0	2943.7	2804.7	2613.1	2371.5	2147.6	1961.0
-35°	2101.7	2173.0	2216.2	2230.6	2216.2	2173.0	2101.7	2003.2	1878.7	1743.9	1638.7
-37.5°	1694.5	1734.3	1758.3	1766.4	1758.3	1734.3	1694.5	1639.4	1569.5	1485.7	1422.8
-40°	1440.9	1464.2	1478.2	1482.9	1478.2	1464.2	1440.9	1408.7	1367.8	1318.6	1272.0
-42.5°	1273.7	1289.5	1299.0	1302.2	1299.0	1289.5	1273.7	1251.8	1223.9	1190.3	1155.2
-45°	1148.2	1159.3	1166.1	1168.3	1166.1	1159.3	1148.2	1132.7	1113.0	1089.3	1062.2
-47.5°	1050.3	1058.7	1063.7	1065.4	1063.7	1058.7	1050.3	1038.7	1023.9	1006.0	985.2
-50°	970.1	976.3	980.0	981.3	980.0	976.3	970.1	961.4	950.3	936.9	921.3
-52.5°	902.5	908.2	911.7	912.8	911.7	908.2	902.5	894.6	884.4	872.2	857.8
-55°	836.2	840.7	843.4	844.3	843.4	840.7	836.2	829.9	821.9	812.2	800.8
-57.5°	778.1	782.0	784.3	785.1	784.3	782.0	778.1	772.7	765.8	757.4	747.5
-60°	721.3	725.6	728.1	729.0	728.1	725.6	721.3	715.3	707.6	698.3	687.4
-62.5°	653.5	657.4	659.7	660.5	659.7	657.4	653.5	648.1	641.2	632.7	622.9
-65°	585.9	589.2	591.2	591.9	591.2	589.2	585.9	581.3	575.4	568.2	559.7
-67.5°	520.7	523.9	525.9	526.5	525.9	523.9	520.7	516.2	510.4	503.4	495.1
-70°	449.7	452.5	454.2	454.8	454.2	452.5	449.7	445.7	440.7	434.5	427.2
-72.5°	378.6	381.1	382.7	383.2	382.7	381.1	378.6	375.0	370.4	364.8	358.2
-75°	304.8	306.8	308.0	308.4	308.0	306.8	304.8	302.0	298.4	294.1	289.0
-77.5°	237.2	238.7	239.6	239.9	239.6	238.7	237.2	235.1	232.4	229.1	225.3
-80°	175.8	176.8	177.4	177.6	177.4	176.8	175.8	174.3	172.5	170.3	167.7
-82.5°	123.4	124.1	124.5	124.6	124.5	124.1	123.4	122.5	121.3	119.8	118.1
-85°	77.2	77.6	77.8	77.9	77.8	77.6	77.2	76.6	75.8	74.9	73.9
-87.5°	34.0	34.2	34.3	34.3	34.3	34.2	34.0	33.8	33.5	33.1	32.7
-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: P624765 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-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°	32.2	31.7	31.1	30.4	29.7	28.9	28.1	27.2	26.3	25.3	24.2
85°	72.6	71.2	69.7	68.0	66.2	64.2	62.1	59.8	57.5	55.0	52.3
82.5°	116.1	113.9	111.4	108.7	105.7	102.6	99.2	95.5	91.7	87.7	83.4
80°	164.7	161.3	157.6	153.4	149.0	144.1	139.0	133.5	127.7	121.9	116.3
77.5°	220.8	215.8	210.3	204.2	197.6	190.5	182.9	175.2	167.9	160.3	152.2
75°	283.1	276.5	269.1	261.1	252.3	242.9	233.4	223.7	213.4	202.5	191.2
72.5°	350.7	342.2	332.8	322.5	311.2	299.9	288.1	275.6	262.3	248.4	234.3
70°	418.9	409.6	399.2	387.8	375.1	361.2	346.4	330.7	314.1	297.6	280.9
67.5°	485.7	475.0	463.2	450.3	436.3	421.3	405.2	388.2	369.6	349.9	329.3
65°	550.0	539.1	527.0	512.6	496.9	480.1	462.1	443.1	423.0	402.0	379.8
62.5°	611.5	598.8	585.1	570.4	554.5	537.5	518.6	497.5	475.3	452.0	427.8
60°	674.9	660.8	645.3	628.3	610.0	590.4	570.4	549.3	527.0	501.6	475.0
57.5°	736.3	722.5	705.5	686.9	666.8	645.3	622.4	598.2	573.7	548.4	521.6
55°	787.8	773.9	758.7	742.1	723.1	699.7	674.9	648.6	621.1	592.4	563.8
52.5°	841.8	825.9	808.4	789.4	769.8	749.0	726.6	698.3	668.6	637.7	605.5
50°	903.4	883.5	861.6	838.6	816.5	792.9	768.8	743.8	715.3	682.1	647.7
47.5°	965.1	943.5	919.8	894.1	866.5	838.0	811.2	783.1	755.2	725.6	688.9
45°	1036.5	1007.9	977.3	949.6	920.0	888.4	855.2	823.6	792.2	760.9	729.0
42.5°	1121.1	1083.3	1046.2	1009.6	972.5	938.8	903.3	866.1	829.8	795.2	760.9
40°	1224.1	1171.0	1125.9	1077.9	1033.8	989.6	950.2	910.8	869.8	829.8	792.2
37.5°	1353.0	1282.7	1220.5	1157.0	1102.4	1048.5	999.2	954.1	910.8	866.1	823.6
35°	1520.5	1423.8	1333.8	1254.1	1178.3	1114.7	1053.5	999.2	950.2	903.3	855.2
32.5°	1757.6	1617.5	1472.1	1369.1	1271.1	1186.6	1114.7	1048.5	989.6	938.8	888.4
30°	2131.9	1885.2	1676.8	1504.5	1381.0	1271.1	1178.3	1102.4	1033.8	972.5	920.0
27.5°	2713.3	2241.8	1952.9	1696.8	1504.5	1369.1	1254.1	1157.0	1077.9	1009.6	949.6
25°	3626.2	2844.2	2304.8	1952.9	1676.8	1472.1	1333.8	1220.5	1125.9	1046.2	977.3
22.5°	4949.3	3759.5	2844.2	2241.8	1885.2	1617.5	1423.8	1282.7	1171.0	1083.3	1007.9
20°	7065.3	4949.3	3626.2	2713.3	2131.9	1757.6	1520.5	1353.0	1224.1	1121.1	1036.5
17.5°	9715.4	6787.6	4532.7	3231.8	2456.6	1961.0	1638.7	1422.8	1272.0	1155.2	1062.2
15°	12484.5	8852.8	5968.9	3988.0	2816.5	2147.6	1743.9	1485.7	1318.6	1190.3	1089.3
12.5°	15425.3	11055.8	7330.3	4651.4	3200.2	2371.5	1878.7	1569.5	1367.8	1223.9	1113.0
10°	18057.4	13126.1	8884.2	5700.8	3711.5	2613.1	2003.2	1639.4	1408.7	1251.8	1132.7
7.5°	20512.1	14979.9	10256.9	6541.7	4118.4	2804.7	2101.7	1694.5	1440.9	1273.7	1148.2
5°	22335.8	16346.6	11263.0	7155.3	4414.3	2943.7	2173.0	1734.3	1464.2	1289.5	1159.3
2.5°	23461.2	17185.1	11877.6	7528.9	4594.0	3028.0	2216.2	1758.3	1478.2	1299.0	1166.1
0°	23841.8	17467.8	12084.4	7654.4	4654.3	3056.2	2230.6	1766.4	1482.9	1302.2	1168.3
-2.5°	23461.2	17185.1	11877.6	7528.9	4594.0	3028.0	2216.2	1758.3	1478.2	1299.0	1166.1
-5°	22335.8	16346.6	11263.0	7155.3	4414.3	2943.7	2173.0	1734.3	1464.2	1289.5	1159.3
-7.5°	20512.1	14979.9	10256.9	6541.7	4118.4	2804.7	2101.7	1694.5	1440.9	1273.7	1148.2
-10°	18057.4	13126.1	8884.2	5700.8	3711.5	2613.1	2003.2	1639.4	1408.7	1251.8	1132.7
-12.5°	15425.3	11055.8	7330.3	4651.4	3200.2	2371.5	1878.7	1569.5	1367.8	1223.9	1113.0
-15°	12484.5	8852.8	5968.9	3988.0	2816.5	2147.6	1743.9	1485.7	1318.6	1190.3	1089.3
-17.5°	9715.4	6787.6	4532.7	3231.8	2456.6	1961.0	1638.7	1422.8	1272.0	1155.2	1062.2
-20°	7065.3	4949.3	3626.2	2713.3	2131.9	1757.6	1520.5	1353.0	1224.1	1121.1	1036.5

Classified

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

Scaled Data Report



REPORT NUMBER: P624765 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-44

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4949.3	3759.5	2844.2	2241.8	1885.2	1617.5	1423.8	1282.7	1171.0	1083.3	1007.9
-25°	3626.2	2844.2	2304.8	1952.9	1676.8	1472.1	1333.8	1220.5	1125.9	1046.2	977.3
-27.5°	2713.3	2241.8	1952.9	1696.8	1504.5	1369.1	1254.1	1157.0	1077.9	1009.6	949.6
-30°	2131.9	1885.2	1676.8	1504.5	1381.0	1271.1	1178.3	1102.4	1033.8	972.5	920.0
-32.5°	1757.6	1617.5	1472.1	1369.1	1271.1	1186.6	1114.7	1048.5	989.6	938.8	888.4
-35°	1520.5	1423.8	1333.8	1254.1	1178.3	1114.7	1053.5	999.2	950.2	903.3	855.2
-37.5°	1353.0	1282.7	1220.5	1157.0	1102.4	1048.5	999.2	954.1	910.8	866.1	823.6
-40°	1224.1	1171.0	1125.9	1077.9	1033.8	989.6	950.2	910.8	869.8	829.8	792.2
-42.5°	1121.1	1083.3	1046.2	1009.6	972.5	938.8	903.3	866.1	829.8	795.2	760.9
-45°	1036.5	1007.9	977.3	949.6	920.0	888.4	855.2	823.6	792.2	760.9	729.0
-47.5°	965.1	943.5	919.8	894.1	866.5	838.0	811.2	783.1	755.2	725.6	688.9
-50°	903.4	883.5	861.6	838.6	816.5	792.9	768.8	743.8	715.3	682.1	647.7
-52.5°	841.8	825.9	808.4	789.4	769.8	749.0	726.6	698.3	668.6	637.7	605.5
-55°	787.8	773.9	758.7	742.1	723.1	699.7	674.9	648.6	621.1	592.4	563.8
-57.5°	736.3	722.5	705.5	686.9	666.8	645.3	622.4	598.2	573.7	548.4	521.6
-60°	674.9	660.8	645.3	628.3	610.0	590.4	570.4	549.3	527.0	501.6	475.0
-62.5°	611.5	598.8	585.1	570.4	554.5	537.5	518.6	497.5	475.3	452.0	427.8
-65°	550.0	539.1	527.0	512.6	496.9	480.1	462.1	443.1	423.0	402.0	379.8
-67.5°	485.7	475.0	463.2	450.3	436.3	421.3	405.2	388.2	369.6	349.9	329.3
-70°	418.9	409.6	399.2	387.8	375.1	361.2	346.4	330.7	314.1	297.6	280.9
-72.5°	350.7	342.2	332.8	322.5	311.2	299.9	288.1	275.6	262.3	248.4	234.3
-75°	283.1	276.5	269.1	261.1	252.3	242.9	233.4	223.7	213.4	202.5	191.2
-77.5°	220.8	215.8	210.3	204.2	197.6	190.5	182.9	175.2	167.9	160.3	152.2
-80°	164.7	161.3	157.6	153.4	149.0	144.1	139.0	133.5	127.7	121.9	116.3
-82.5°	116.1	113.9	111.4	108.7	105.7	102.6	99.2	95.5	91.7	87.7	83.4
-85°	72.6	71.2	69.7	68.0	66.2	64.2	62.1	59.8	57.5	55.0	52.3
-87.5°	32.2	31.7	31.1	30.4	29.7	28.9	28.1	27.2	26.3	25.3	24.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P624765 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-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°	23.2	22.0	20.9	19.7	18.4	17.1	15.8	14.5	13.1	11.7	10.3
85°	49.6	46.7	43.7	40.7	37.5	34.3	31.6	29.0	26.2	23.4	20.6
82.5°	79.0	74.6	70.2	65.6	60.8	56.0	51.0	45.8	40.6	35.3	30.9
80°	110.4	104.2	97.9	91.3	84.5	77.6	70.9	64.1	57.2	50.1	42.9
77.5°	143.9	135.1	126.1	117.7	109.2	100.6	91.6	82.5	73.6	64.7	55.8
75°	179.4	168.6	157.8	146.6	135.1	123.4	112.7	101.8	90.7	79.4	68.5
72.5°	220.5	206.1	191.3	176.2	162.7	148.9	134.8	120.9	107.9	94.8	81.4
70°	263.5	245.4	227.9	210.3	192.3	174.3	158.2	141.8	125.0	110.0	94.8
67.5°	307.9	287.6	266.5	244.8	224.1	203.3	182.0	162.9	144.1	125.0	107.9
65°	356.0	331.2	305.9	281.8	257.0	232.4	208.8	184.8	162.9	141.8	120.9
62.5°	402.6	376.2	348.1	319.1	291.0	263.2	235.2	208.8	182.0	158.2	134.8
60°	447.4	418.9	389.5	358.2	325.9	294.1	263.2	232.4	203.3	174.3	148.9
57.5°	491.6	460.7	428.8	396.1	361.6	325.9	291.0	257.0	224.1	192.3	162.7
55°	534.3	501.7	467.3	432.1	396.1	358.2	319.1	281.8	244.8	210.3	176.2
52.5°	573.2	540.5	505.0	467.3	428.8	389.5	348.1	305.9	266.5	227.9	191.3
50°	612.2	576.3	540.5	501.7	460.7	418.9	376.2	331.2	287.6	245.4	206.1
47.5°	651.1	612.2	573.2	534.3	491.6	447.4	402.6	356.0	307.9	263.5	220.5
45°	688.9	647.7	605.5	563.8	521.6	475.0	427.8	379.8	329.3	280.9	234.3
42.5°	725.6	682.1	637.7	592.4	548.4	501.6	452.0	402.0	349.9	297.6	248.4
40°	755.2	715.3	668.6	621.1	573.7	527.0	475.3	423.0	369.6	314.1	262.3
37.5°	783.1	743.8	698.3	648.6	598.2	549.3	497.5	443.1	388.2	330.7	275.6
35°	811.2	768.8	726.6	674.9	622.4	570.4	518.6	462.1	405.2	346.4	288.1
32.5°	838.0	792.9	749.0	699.7	645.3	590.4	537.5	480.1	421.3	361.2	299.9
30°	866.5	816.5	769.8	723.1	666.8	610.0	554.5	496.9	436.3	375.1	311.2
27.5°	894.1	838.6	789.4	742.1	686.9	628.3	570.4	512.6	450.3	387.8	322.5
25°	919.8	861.6	808.4	758.7	705.5	645.3	585.1	527.0	463.2	399.2	332.8
22.5°	943.5	883.5	825.9	773.9	722.5	660.8	598.8	539.1	475.0	409.6	342.2
20°	965.1	903.4	841.8	787.8	736.3	674.9	611.5	550.0	485.7	418.9	350.7
17.5°	985.2	921.3	857.8	800.8	747.5	687.4	622.9	559.7	495.1	427.2	358.2
15°	1006.0	936.9	872.2	812.2	757.4	698.3	632.7	568.2	503.4	434.5	364.8
12.5°	1023.9	950.3	884.4	821.9	765.8	707.6	641.2	575.4	510.4	440.7	370.4
10°	1038.7	961.4	894.6	829.9	772.7	715.3	648.1	581.3	516.2	445.7	375.0
7.5°	1050.3	970.1	902.5	836.2	778.1	721.3	653.5	585.9	520.7	449.7	378.6
5°	1058.7	976.3	908.2	840.7	782.0	725.6	657.4	589.2	523.9	452.5	381.1
2.5°	1063.7	980.0	911.7	843.4	784.3	728.1	659.7	591.2	525.9	454.2	382.7
0°	1065.4	981.3	912.8	844.3	785.1	729.0	660.5	591.9	526.5	454.8	383.2
-2.5°	1063.7	980.0	911.7	843.4	784.3	728.1	659.7	591.2	525.9	454.2	382.7
-5°	1058.7	976.3	908.2	840.7	782.0	725.6	657.4	589.2	523.9	452.5	381.1
-7.5°	1050.3	970.1	902.5	836.2	778.1	721.3	653.5	585.9	520.7	449.7	378.6
-10°	1038.7	961.4	894.6	829.9	772.7	715.3	648.1	581.3	516.2	445.7	375.0
-12.5°	1023.9	950.3	884.4	821.9	765.8	707.6	641.2	575.4	510.4	440.7	370.4
-15°	1006.0	936.9	872.2	812.2	757.4	698.3	632.7	568.2	503.4	434.5	364.8
-17.5°	985.2	921.3	857.8	800.8	747.5	687.4	622.9	559.7	495.1	427.2	358.2
-20°	965.1	903.4	841.8	787.8	736.3	674.9	611.5	550.0	485.7	418.9	350.7

Classified

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

Scaled Data Report



REPORT NUMBER: P624765 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-44

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	943.5	883.5	825.9	773.9	722.5	660.8	598.8	539.1	475.0	409.6	342.2
-25°	919.8	861.6	808.4	758.7	705.5	645.3	585.1	527.0	463.2	399.2	332.8
-27.5°	894.1	838.6	789.4	742.1	686.9	628.3	570.4	512.6	450.3	387.8	322.5
-30°	866.5	816.5	769.8	723.1	666.8	610.0	554.5	496.9	436.3	375.1	311.2
-32.5°	838.0	792.9	749.0	699.7	645.3	590.4	537.5	480.1	421.3	361.2	299.9
-35°	811.2	768.8	726.6	674.9	622.4	570.4	518.6	462.1	405.2	346.4	288.1
-37.5°	783.1	743.8	698.3	648.6	598.2	549.3	497.5	443.1	388.2	330.7	275.6
-40°	755.2	715.3	668.6	621.1	573.7	527.0	475.3	423.0	369.6	314.1	262.3
-42.5°	725.6	682.1	637.7	592.4	548.4	501.6	452.0	402.0	349.9	297.6	248.4
-45°	688.9	647.7	605.5	563.8	521.6	475.0	427.8	379.8	329.3	280.9	234.3
-47.5°	651.1	612.2	573.2	534.3	491.6	447.4	402.6	356.0	307.9	263.5	220.5
-50°	612.2	576.3	540.5	501.7	460.7	418.9	376.2	331.2	287.6	245.4	206.1
-52.5°	573.2	540.5	505.0	467.3	428.8	389.5	348.1	305.9	266.5	227.9	191.3
-55°	534.3	501.7	467.3	432.1	396.1	358.2	319.1	281.8	244.8	210.3	176.2
-57.5°	491.6	460.7	428.8	396.1	361.6	325.9	291.0	257.0	224.1	192.3	162.7
-60°	447.4	418.9	389.5	358.2	325.9	294.1	263.2	232.4	203.3	174.3	148.9
-62.5°	402.6	376.2	348.1	319.1	291.0	263.2	235.2	208.8	182.0	158.2	134.8
-65°	356.0	331.2	305.9	281.8	257.0	232.4	208.8	184.8	162.9	141.8	120.9
-67.5°	307.9	287.6	266.5	244.8	224.1	203.3	182.0	162.9	144.1	125.0	107.9
-70°	263.5	245.4	227.9	210.3	192.3	174.3	158.2	141.8	125.0	110.0	94.8
-72.5°	220.5	206.1	191.3	176.2	162.7	148.9	134.8	120.9	107.9	94.8	81.4
-75°	179.4	168.6	157.8	146.6	135.1	123.4	112.7	101.8	90.7	79.4	68.5
-77.5°	143.9	135.1	126.1	117.7	109.2	100.6	91.6	82.5	73.6	64.7	55.8
-80°	110.4	104.2	97.9	91.3	84.5	77.6	70.9	64.1	57.2	50.1	42.9
-82.5°	79.0	74.6	70.2	65.6	60.8	56.0	51.0	45.8	40.6	35.3	30.9
-85°	49.6	46.7	43.7	40.7	37.5	34.3	31.6	29.0	26.2	23.4	20.6
-87.5°	23.2	22.0	20.9	19.7	18.4	17.1	15.8	14.5	13.1	11.7	10.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report



REPORT NUMBER: P624765 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-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°	8.9	7.4	6.0	4.5	3.0	1.5	0.0
85°	17.7	14.8	11.9	8.9	6.0	3.0	0.0
82.5°	26.6	22.2	17.8	13.4	8.9	4.5	0.0
80°	35.6	29.6	23.7	17.8	11.9	6.0	0.0
77.5°	46.7	37.5	29.6	22.2	14.8	7.4	0.0
75°	57.7	46.7	35.6	26.6	17.7	8.9	0.0
72.5°	68.5	55.8	42.9	30.9	20.6	10.3	0.0
70°	79.4	64.7	50.1	35.3	23.4	11.7	0.0
67.5°	90.7	73.6	57.2	40.6	26.2	13.1	0.0
65°	101.8	82.5	64.1	45.8	29.0	14.5	0.0
62.5°	112.7	91.6	70.9	51.0	31.6	15.8	0.0
60°	123.4	100.6	77.6	56.0	34.3	17.1	0.0
57.5°	135.1	109.2	84.5	60.8	37.5	18.4	0.0
55°	146.6	117.7	91.3	65.6	40.7	19.7	0.0
52.5°	157.8	126.1	97.9	70.2	43.7	20.9	0.0
50°	168.6	135.1	104.2	74.6	46.7	22.0	0.0
47.5°	179.4	143.9	110.4	79.0	49.6	23.2	0.0
45°	191.2	152.2	116.3	83.4	52.3	24.2	0.0
42.5°	202.5	160.3	121.9	87.7	55.0	25.3	0.0
40°	213.4	167.9	127.7	91.7	57.5	26.3	0.0
37.5°	223.7	175.2	133.5	95.5	59.8	27.2	0.0
35°	233.4	182.9	139.0	99.2	62.1	28.1	0.0
32.5°	242.9	190.5	144.1	102.6	64.2	28.9	0.0
30°	252.3	197.6	149.0	105.7	66.2	29.7	0.0
27.5°	261.1	204.2	153.4	108.7	68.0	30.4	0.0
25°	269.1	210.3	157.6	111.4	69.7	31.1	0.0
22.5°	276.5	215.8	161.3	113.9	71.2	31.7	0.0
20°	283.1	220.8	164.7	116.1	72.6	32.2	0.0
17.5°	289.0	225.3	167.7	118.1	73.9	32.7	0.0
15°	294.1	229.1	170.3	119.8	74.9	33.1	0.0
12.5°	298.4	232.4	172.5	121.3	75.8	33.5	0.0
10°	302.0	235.1	174.3	122.5	76.6	33.8	0.0
7.5°	304.8	237.2	175.8	123.4	77.2	34.0	0.0
5°	306.8	238.7	176.8	124.1	77.6	34.2	0.0
2.5°	308.0	239.6	177.4	124.5	77.8	34.3	0.0
0°	308.4	239.9	177.6	124.6	77.9	34.3	0.0
-2.5°	308.0	239.6	177.4	124.5	77.8	34.3	0.0
-5°	306.8	238.7	176.8	124.1	77.6	34.2	0.0
-7.5°	304.8	237.2	175.8	123.4	77.2	34.0	0.0
-10°	302.0	235.1	174.3	122.5	76.6	33.8	0.0
-12.5°	298.4	232.4	172.5	121.3	75.8	33.5	0.0
-15°	294.1	229.1	170.3	119.8	74.9	33.1	0.0
-17.5°	289.0	225.3	167.7	118.1	73.9	32.7	0.0
-20°	283.1	220.8	164.7	116.1	72.6	32.2	0.0

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REPORT NUMBER: P624765 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-44

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	276.5	215.8	161.3	113.9	71.2	31.7	0.0
-25°	269.1	210.3	157.6	111.4	69.7	31.1	0.0
-27.5°	261.1	204.2	153.4	108.7	68.0	30.4	0.0
-30°	252.3	197.6	149.0	105.7	66.2	29.7	0.0
-32.5°	242.9	190.5	144.1	102.6	64.2	28.9	0.0
-35°	233.4	182.9	139.0	99.2	62.1	28.1	0.0
-37.5°	223.7	175.2	133.5	95.5	59.8	27.2	0.0
-40°	213.4	167.9	127.7	91.7	57.5	26.3	0.0
-42.5°	202.5	160.3	121.9	87.7	55.0	25.3	0.0
-45°	191.2	152.2	116.3	83.4	52.3	24.2	0.0
-47.5°	179.4	143.9	110.4	79.0	49.6	23.2	0.0
-50°	168.6	135.1	104.2	74.6	46.7	22.0	0.0
-52.5°	157.8	126.1	97.9	70.2	43.7	20.9	0.0
-55°	146.6	117.7	91.3	65.6	40.7	19.7	0.0
-57.5°	135.1	109.2	84.5	60.8	37.5	18.4	0.0
-60°	123.4	100.6	77.6	56.0	34.3	17.1	0.0
-62.5°	112.7	91.6	70.9	51.0	31.6	15.8	0.0
-65°	101.8	82.5	64.1	45.8	29.0	14.5	0.0
-67.5°	90.7	73.6	57.2	40.6	26.2	13.1	0.0
-70°	79.4	64.7	50.1	35.3	23.4	11.7	0.0
-72.5°	68.5	55.8	42.9	30.9	20.6	10.3	0.0
-75°	57.7	46.7	35.6	26.6	17.7	8.9	0.0
-77.5°	46.7	37.5	29.6	22.2	14.8	7.4	0.0
-80°	35.6	29.6	23.7	17.8	11.9	6.0	0.0
-82.5°	26.6	22.2	17.8	13.4	8.9	4.5	0.0
-85°	17.7	14.8	11.9	8.9	6.0	3.0	0.0
-87.5°	8.9	7.4	6.0	4.5	3.0	1.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)