

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: P624767 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-VN-06-E-PRO-3000K-66**

Issue Date: 11/8/2022



Test Information

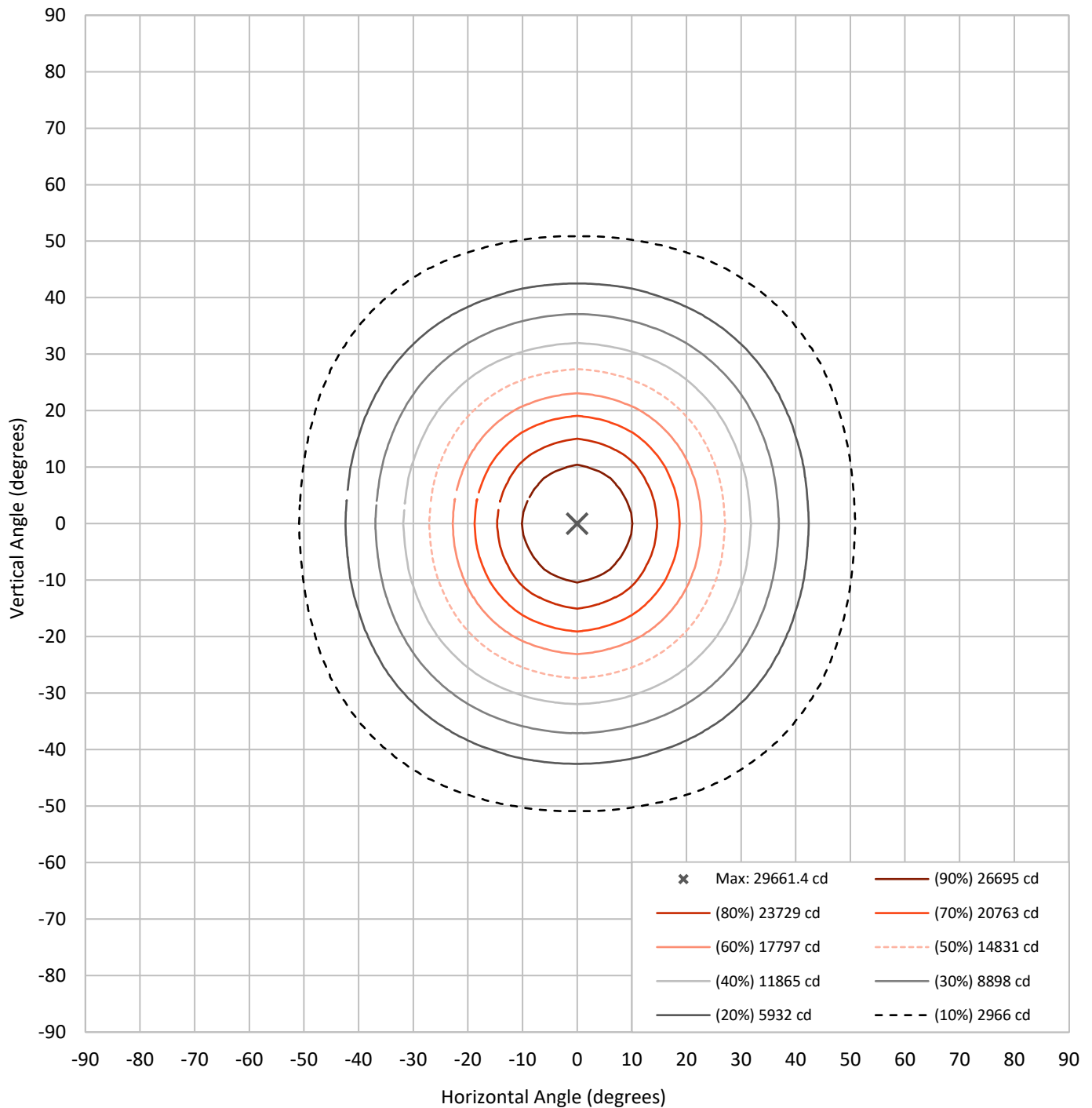
Test Method: LM-79-08
Report Number: P624767 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-765-3)
Test Lab: INNOVATION CENTER
Issue Date: 11/8/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-VN-06-E-PRO-3000K-66
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:	30756.6 lumens	Max Intensity:	29661.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	125.4 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:	14790.4 lumens	Field Lumens:	26992.4 lumens
Beam Efficiency:	48.1%	Field Efficiency:	87.8%
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: P624767 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-66

Iso-Candela Plot





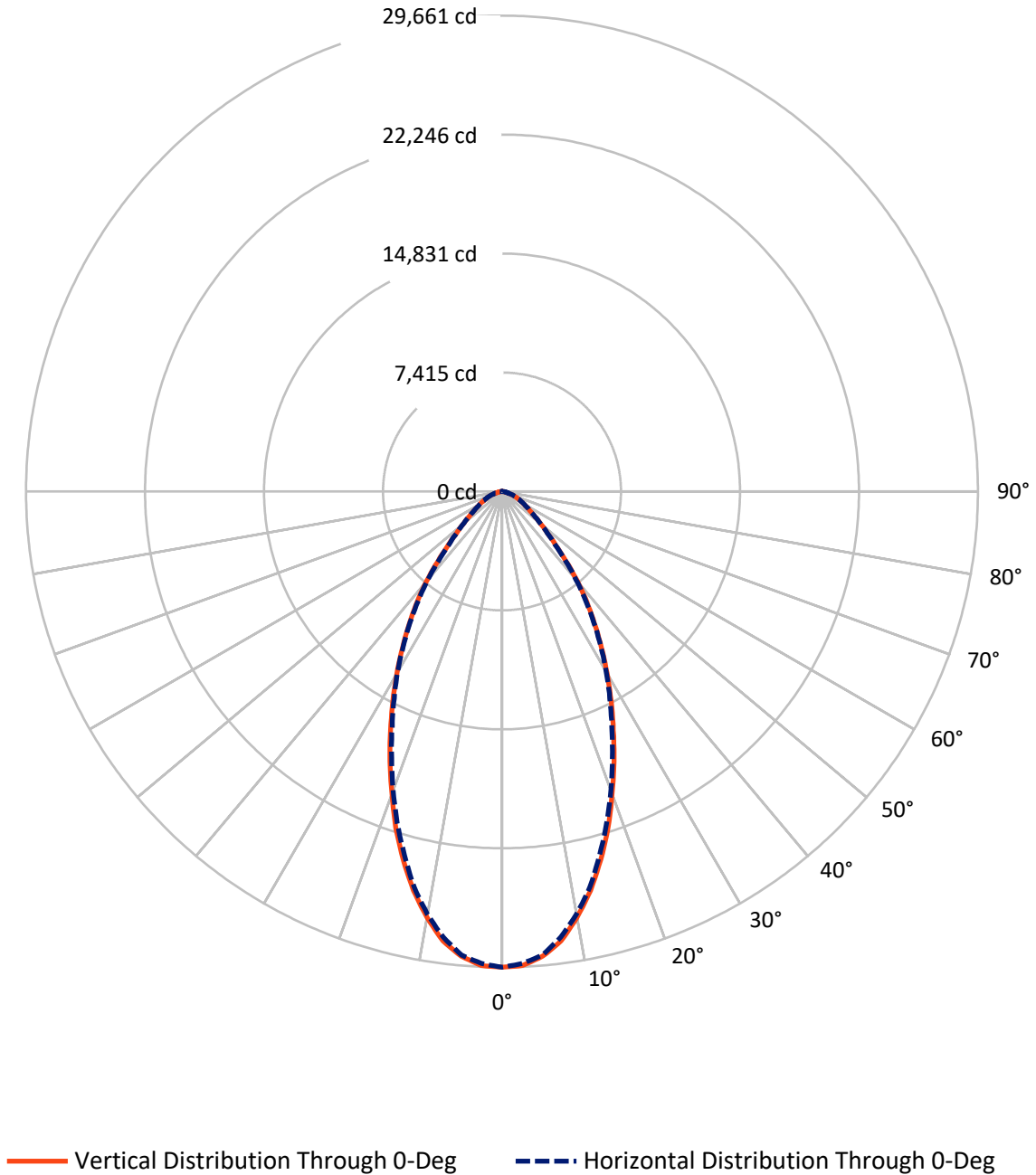
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Lumen Table

90																
80	2.2	13.2		26.6		40.4		34.6		40.4		26.6		13.2		2.2
70																
60	5.4	5.8	10.2	15.6	21.8	27.9	32.5	34.8	34.8	32.5	27.9	21.8	15.6	10.2	5.8	5.4
50		7.6	14.5	23.9	35.8	48.8	60.5	67.5	67.5	60.5	48.8	35.8	23.9	14.5	7.6	
40	7.3	9.6	19.5	35.2	58.4	89.6	123.3	146.2	146.2	123.3	89.6	58.4	35.2	19.5	9.6	7.3
30		11.4	25.2	50.7	97.2	172.0	250.1	298.4	298.4	250.1	172.0	97.2	50.7	25.2	11.4	
20	8.4	13.1	31.0	70.3	155.6	280.9	403.5	484.2	484.2	403.5	280.9	155.6	70.3	31.0	13.1	8.4
10		14.5	36.2	90.4	212.0	378.2	560.0	691.5	691.5	560.0	378.2	212.0	90.4	36.2	14.5	
0	8.8	15.2	39.3	103.6	244.4	438.6	668.0	839.6	839.6	668.0	438.6	244.4	103.6	39.3	15.2	8.8
-10		15.2	39.3	103.6	244.4	438.6	668.0	839.6	839.6	668.0	438.6	244.4	103.6	39.3	15.2	
-20	8.4	14.5	36.2	90.4	212.0	378.2	560.0	691.5	691.5	560.0	378.2	212.0	90.4	36.2	14.5	8.4
-30		13.1	31.0	70.3	155.6	280.9	403.5	484.2	484.2	403.5	280.9	155.6	70.3	31.0	13.1	
-40	7.3	11.4	25.2	50.7	97.2	172.0	250.1	298.4	298.4	250.1	172.0	97.2	50.7	25.2	11.4	7.3
-50		9.6	19.5	35.2	58.4	89.6	123.3	146.2	146.2	123.3	89.6	58.4	35.2	19.5	9.6	
-60	5.4	7.6	14.5	23.9	35.8	48.8	60.5	67.5	67.5	60.5	48.8	35.8	23.9	14.5	7.6	5.4
-70		5.8	10.2	15.6	21.8	27.9	32.5	34.8	34.8	32.5	27.9	21.8	15.6	10.2	5.8	
-80																
-90	2.2	13.2		26.6		40.4		34.6		40.4		26.6		13.2		2.2
Horizontal Angle (degrees)																

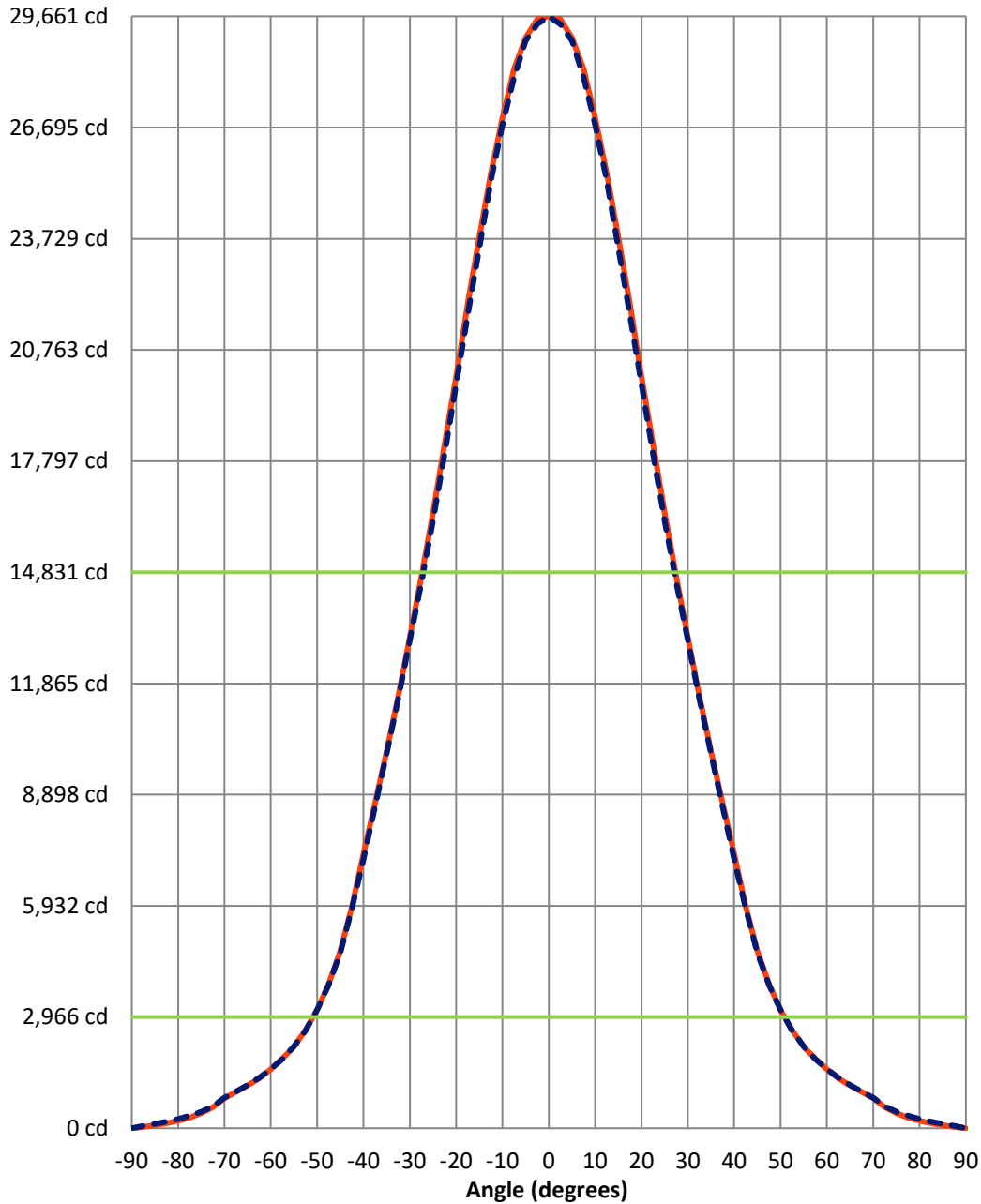
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 54.2°
V Angle: 54.7°
Lumens: 14790.4
Efficiency: 48.1%

Field:
H Angle: 101.7°
V Angle: 101.8°
Lumens: 26992.4
Efficiency: 87.8%

Spill:
Lumens: 3764.2
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	3.1	6.9	11.9	17.8	24.8	32.7	37.3	41.6	45.6	49.4
85°	0.0	6.2	13.7	23.7	35.6	49.4	65.2	74.5	83.2	91.2	98.8
82.5°	0.0	9.3	20.6	35.4	53.1	73.9	97.4	111.7	124.4	135.3	145.6
80°	0.0	12.3	27.3	46.9	70.5	97.9	128.8	146.4	162.0	176.8	190.8
77.5°	0.0	15.3	34.0	58.3	87.5	120.4	156.6	179.8	199.5	218.2	238.2
75°	0.0	18.3	40.6	69.4	103.6	140.0	183.5	213.0	236.7	261.9	291.8
72.5°	0.0	21.3	47.0	80.3	116.5	158.9	209.5	244.7	272.2	305.4	344.0
70°	0.0	24.1	53.3	90.3	128.9	177.0	233.6	272.2	306.7	347.2	380.1
67.5°	0.0	27.0	59.5	97.7	140.7	194.1	251.9	298.7	339.6	376.3	412.1
65°	0.0	29.7	65.5	104.6	151.8	209.0	269.2	324.0	365.3	405.0	445.0
62.5°	0.0	32.4	71.2	111.2	162.1	221.7	285.6	346.9	390.5	433.8	480.4
60°	0.0	35.0	76.8	117.3	171.7	233.7	300.9	368.6	415.1	465.1	515.1
57.5°	0.0	37.5	80.5	122.9	180.1	244.7	315.1	388.5	441.6	495.5	550.5
55°	0.0	40.0	84.0	128.0	187.8	254.9	328.3	404.3	467.9	525.7	586.0
52.5°	0.0	42.3	87.4	132.5	194.8	264.3	340.5	420.9	493.3	557.5	620.9
50°	0.0	44.5	90.6	136.5	201.1	273.5	351.7	436.4	518.8	588.5	659.4
47.5°	0.0	46.6	93.7	140.1	206.8	281.8	362.1	450.4	545.8	618.7	697.4
45°	0.0	48.6	96.6	143.7	211.7	289.3	372.8	463.0	564.8	651.8	734.2
42.5°	0.0	50.5	99.3	146.9	215.9	295.9	382.2	476.5	582.2	683.8	770.4
40°	0.0	52.3	101.9	150.9	219.9	301.7	390.3	490.6	599.8	713.6	805.0
37.5°	0.0	54.0	104.3	155.2	223.8	306.5	397.2	503.5	618.8	735.9	837.8
35°	0.0	55.5	106.5	159.2	227.0	311.0	402.8	515.2	636.8	759.5	870.9
32.5°	0.0	56.9	108.6	162.8	229.6	314.8	408.5	525.6	653.9	784.3	904.8
30°	0.0	58.2	110.4	166.1	231.4	317.6	415.9	535.7	670.0	809.9	937.1
27.5°	0.0	59.3	112.0	169.0	235.7	319.4	422.1	547.3	686.7	836.2	967.6
25°	0.0	60.3	113.5	171.5	239.8	320.2	427.0	557.7	705.9	861.3	996.4
22.5°	0.0	61.2	114.8	173.7	243.2	321.7	430.8	566.7	724.6	884.1	1025.8
20°	0.0	61.9	115.8	175.6	246.0	326.4	433.2	574.2	742.5	904.9	1052.2
17.5°	0.0	62.5	116.7	177.0	248.2	330.4	437.7	580.2	759.4	923.5	1075.5
15°	0.0	63.0	117.3	178.1	249.7	333.8	442.6	585.9	774.8	939.9	1095.7
12.5°	0.0	63.4	117.8	178.8	250.6	336.5	445.9	591.1	788.6	953.9	1112.8
10°	0.0	63.6	118.0	179.2	251.0	338.4	447.5	594.1	799.9	964.6	1126.8
7.5°	0.0	63.7	118.0	179.2	250.7	339.6	447.5	594.9	808.5	972.6	1138.3
5°	0.0	63.6	117.9	178.8	249.9	340.0	446.1	593.6	814.1	977.8	1146.7
2.5°	0.0	63.5	117.5	178.1	248.5	339.5	443.4	590.2	816.5	980.3	1151.9
0°	0.0	63.2	116.9	177.0	246.5	338.2	439.3	584.7	815.4	979.8	1153.6
-2.5°	0.0	63.5	117.5	178.1	248.5	339.5	443.4	590.2	816.5	980.3	1151.9
-5°	0.0	63.6	117.9	178.8	249.9	340.0	446.1	593.6	814.1	977.8	1146.7
-7.5°	0.0	63.7	118.0	179.2	250.7	339.6	447.5	594.9	808.5	972.6	1138.3
-10°	0.0	63.6	118.0	179.2	251.0	338.4	447.5	594.1	799.9	964.6	1126.8
-12.5°	0.0	63.4	117.8	178.8	250.6	336.5	445.9	591.1	788.6	953.9	1112.8
-15°	0.0	63.0	117.3	178.1	249.7	333.8	442.6	585.9	774.8	939.9	1095.7
-17.5°	0.0	62.5	116.7	177.0	248.2	330.4	437.7	580.2	759.4	923.5	1075.5
-20°	0.0	61.9	115.8	175.6	246.0	326.4	433.2	574.2	742.5	904.9	1052.2

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CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-66

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	61.2	114.8	173.7	243.2	321.7	430.8	566.7	724.6	884.1	1025.8
-25°	0.0	60.3	113.5	171.5	239.8	320.2	427.0	557.7	705.9	861.3	996.4
-27.5°	0.0	59.3	112.0	169.0	235.7	319.4	422.1	547.3	686.7	836.2	967.6
-30°	0.0	58.2	110.4	166.1	231.4	317.6	415.9	535.7	670.0	809.9	937.1
-32.5°	0.0	56.9	108.6	162.8	229.6	314.8	408.5	525.6	653.9	784.3	904.8
-35°	0.0	55.5	106.5	159.2	227.0	311.0	402.8	515.2	636.8	759.5	870.9
-37.5°	0.0	54.0	104.3	155.2	223.8	306.5	397.2	503.5	618.8	735.9	837.8
-40°	0.0	52.3	101.9	150.9	219.9	301.7	390.3	490.6	599.8	713.6	805.0
-42.5°	0.0	50.5	99.3	146.9	215.9	295.9	382.2	476.5	582.2	683.8	770.4
-45°	0.0	48.6	96.6	143.7	211.7	289.3	372.8	463.0	564.8	651.8	734.2
-47.5°	0.0	46.6	93.7	140.1	206.8	281.8	362.1	450.4	545.8	618.7	697.4
-50°	0.0	44.5	90.6	136.5	201.1	273.5	351.7	436.4	518.8	588.5	659.4
-52.5°	0.0	42.3	87.4	132.5	194.8	264.3	340.5	420.9	493.3	557.5	620.9
-55°	0.0	40.0	84.0	128.0	187.8	254.9	328.3	404.3	467.9	525.7	586.0
-57.5°	0.0	37.5	80.5	122.9	180.1	244.7	315.1	388.5	441.6	495.5	550.5
-60°	0.0	35.0	76.8	117.3	171.7	233.7	300.9	368.6	415.1	465.1	515.1
-62.5°	0.0	32.4	71.2	111.2	162.1	221.7	285.6	346.9	390.5	433.8	480.4
-65°	0.0	29.7	65.5	104.6	151.8	209.0	269.2	324.0	365.3	405.0	445.0
-67.5°	0.0	27.0	59.5	97.7	140.7	194.1	251.9	298.7	339.6	376.3	412.1
-70°	0.0	24.1	53.3	90.3	128.9	177.0	233.6	272.2	306.7	347.2	380.1
-72.5°	0.0	21.3	47.0	80.3	116.5	158.9	209.5	244.7	272.2	305.4	344.0
-75°	0.0	18.3	40.6	69.4	103.6	140.0	183.5	213.0	236.7	261.9	291.8
-77.5°	0.0	15.3	34.0	58.3	87.5	120.4	156.6	179.8	199.5	218.2	238.2
-80°	0.0	12.3	27.3	46.9	70.5	97.9	128.8	146.4	162.0	176.8	190.8
-82.5°	0.0	9.3	20.6	35.4	53.1	73.9	97.4	111.7	124.4	135.3	145.6
-85°	0.0	6.2	13.7	23.7	35.6	49.4	65.2	74.5	83.2	91.2	98.8
-87.5°	0.0	3.1	6.9	11.9	17.8	24.8	32.7	37.3	41.6	45.6	49.4
-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-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°	52.9	56.1	59.0	61.7	60.2	58.0	55.0	51.5	57.6	64.1	70.8
85°	105.8	112.2	117.3	121.9	119.1	114.8	109.5	103.2	115.7	129.5	144.0
82.5°	155.0	163.5	171.2	178.1	175.5	170.4	163.8	155.2	172.5	193.6	215.3
80°	203.4	214.8	227.1	237.3	235.5	228.8	219.1	206.5	226.2	255.5	285.0
77.5°	258.3	275.0	288.8	299.7	298.0	292.4	286.7	280.7	302.5	332.9	361.0
75°	316.9	335.6	347.4	360.6	365.6	364.8	364.4	370.3	396.5	430.5	460.0
72.5°	367.4	382.3	399.8	419.9	431.7	440.2	454.7	474.8	500.1	527.2	551.8
70°	406.3	427.1	450.4	473.3	493.5	513.5	535.6	559.0	585.1	613.4	639.9
67.5°	444.7	472.6	499.7	526.4	553.7	580.5	608.9	638.8	667.0	698.4	729.8
65°	486.3	517.7	549.5	581.4	612.9	649.7	684.8	717.6	752.7	791.8	828.9
62.5°	526.4	563.6	599.8	638.2	680.9	722.1	762.5	803.9	845.7	893.4	939.8
60°	565.7	609.0	653.1	700.7	748.4	795.0	841.5	895.2	949.9	1003.0	1059.8
57.5°	604.8	657.3	709.4	762.5	815.3	868.5	931.5	993.1	1059.3	1125.0	1189.4
55°	645.6	707.6	765.5	824.4	885.6	953.9	1024.2	1099.1	1172.9	1258.4	1338.2
52.5°	689.2	756.4	822.3	889.0	962.8	1040.7	1122.5	1210.7	1306.2	1401.8	1501.5
50°	732.0	806.1	879.3	958.0	1041.7	1130.9	1229.2	1334.8	1447.0	1559.7	1680.7
47.5°	775.1	854.0	940.4	1027.1	1124.1	1229.9	1343.9	1470.0	1595.7	1739.5	1880.2
45°	817.1	905.0	998.0	1101.6	1211.2	1334.2	1469.1	1608.6	1769.6	1931.8	2109.3
42.5°	857.3	956.0	1061.6	1173.7	1305.2	1444.8	1593.9	1769.7	1950.9	2147.8	2364.2
40°	901.3	1005.2	1124.3	1256.3	1398.9	1556.1	1737.8	1932.6	2150.8	2390.3	2642.4
37.5°	944.0	1060.1	1187.0	1334.0	1497.2	1677.0	1879.2	2114.8	2370.2	2644.9	2977.8
35°	984.6	1112.2	1254.4	1413.3	1588.4	1803.6	2041.9	2303.5	2600.9	2948.5	3338.1
32.5°	1026.9	1161.4	1317.3	1492.8	1694.9	1930.2	2200.2	2510.8	2861.8	3258.2	3744.7
30°	1068.7	1214.4	1378.5	1567.1	1795.7	2063.6	2373.8	2718.5	3123.3	3624.4	4202.9
27.5°	1107.6	1263.7	1441.9	1648.4	1892.8	2186.5	2538.3	2947.3	3425.7	3992.1	4667.8
25°	1143.5	1309.5	1500.1	1726.7	1997.2	2319.8	2701.7	3154.3	3727.1	4395.3	5199.3
22.5°	1178.7	1351.4	1554.9	1797.1	2091.1	2449.1	2878.3	3394.3	4023.5	4768.1	5713.4
20°	1212.7	1396.4	1611.1	1866.6	2175.7	2565.9	3039.2	3617.1	4331.0	5209.2	6257.5
17.5°	1242.8	1436.5	1665.3	1940.1	2274.0	2685.9	3189.6	3812.5	4609.4	5614.0	6783.0
15°	1269.0	1471.5	1712.6	2004.5	2363.3	2806.1	3351.0	4030.6	4903.1	5995.9	7238.7
12.5°	1291.1	1501.2	1752.8	2059.5	2439.3	2907.4	3489.3	4226.7	5185.3	6357.3	7633.2
10°	1309.1	1525.7	1785.7	2104.9	2501.7	2989.4	3603.1	4385.1	5416.0	6648.3	7960.7
7.5°	1324.5	1545.9	1811.5	2140.4	2550.1	3052.1	3691.4	4505.4	5594.4	6876.1	8215.2
5°	1336.1	1562.0	1830.6	2166.3	2583.1	3100.8	3756.4	4587.6	5719.3	7038.2	8394.2
2.5°	1343.4	1572.4	1841.9	2181.9	2600.9	3140.0	3805.3	4651.1	5813.0	7138.5	8515.8
0°	1346.4	1577.1	1845.7	2187.1	2604.3	3160.5	3827.4	4677.6	5856.4	7171.2	8577.6
-2.5°	1343.4	1572.4	1841.9	2181.9	2600.9	3140.0	3805.3	4651.1	5813.0	7138.5	8515.8
-5°	1336.1	1562.0	1830.6	2166.3	2583.1	3100.8	3756.4	4587.6	5719.3	7038.2	8394.2
-7.5°	1324.5	1545.9	1811.5	2140.4	2550.1	3052.1	3691.4	4505.4	5594.4	6876.1	8215.2
-10°	1309.1	1525.7	1785.7	2104.9	2501.7	2989.4	3603.1	4385.1	5416.0	6648.3	7960.7
-12.5°	1291.1	1501.2	1752.8	2059.5	2439.3	2907.4	3489.3	4226.7	5185.3	6357.3	7633.2
-15°	1269.0	1471.5	1712.6	2004.5	2363.3	2806.1	3351.0	4030.6	4903.1	5995.9	7238.7
-17.5°	1242.8	1436.5	1665.3	1940.1	2274.0	2685.9	3189.6	3812.5	4609.4	5614.0	6783.0
-20°	1212.7	1396.4	1611.1	1866.6	2175.7	2565.9	3039.2	3617.1	4331.0	5209.2	6257.5

Classified

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

Scaled Data Report



REPORT NUMBER: P624767 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-66

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1178.7	1351.4	1554.9	1797.1	2091.1	2449.1	2878.3	3394.3	4023.5	4768.1	5713.4
-25°	1143.5	1309.5	1500.1	1726.7	1997.2	2319.8	2701.7	3154.3	3727.1	4395.3	5199.3
-27.5°	1107.6	1263.7	1441.9	1648.4	1892.8	2186.5	2538.3	2947.3	3425.7	3992.1	4667.8
-30°	1068.7	1214.4	1378.5	1567.1	1795.7	2063.6	2373.8	2718.5	3123.3	3624.4	4202.9
-32.5°	1026.9	1161.4	1317.3	1492.8	1694.9	1930.2	2200.2	2510.8	2861.8	3258.2	3744.7
-35°	984.6	1112.2	1254.4	1413.3	1588.4	1803.6	2041.9	2303.5	2600.9	2948.5	3338.1
-37.5°	944.0	1060.1	1187.0	1334.0	1497.2	1677.0	1879.2	2114.8	2370.2	2644.9	2977.8
-40°	901.3	1005.2	1124.3	1256.3	1398.9	1556.1	1737.8	1932.6	2150.8	2390.3	2642.4
-42.5°	857.3	956.0	1061.6	1173.7	1305.2	1444.8	1593.9	1769.7	1950.9	2147.8	2364.2
-45°	817.1	905.0	998.0	1101.6	1211.2	1334.2	1469.1	1608.6	1769.6	1931.8	2109.3
-47.5°	775.1	854.0	940.4	1027.1	1124.1	1229.9	1343.9	1470.0	1595.7	1739.5	1880.2
-50°	732.0	806.1	879.3	958.0	1041.7	1130.9	1229.2	1334.8	1447.0	1559.7	1680.7
-52.5°	689.2	756.4	822.3	889.0	962.8	1040.7	1122.5	1210.7	1306.2	1401.8	1501.5
-55°	645.6	707.6	765.5	824.4	885.6	953.9	1024.2	1099.1	1172.9	1258.4	1338.2
-57.5°	604.8	657.3	709.4	762.5	815.3	868.5	931.5	993.1	1059.3	1125.0	1189.4
-60°	565.7	609.0	653.1	700.7	748.4	795.0	841.5	895.2	949.9	1003.0	1059.8
-62.5°	526.4	563.6	599.8	638.2	680.9	722.1	762.5	803.9	845.7	893.4	939.8
-65°	486.3	517.7	549.5	581.4	612.9	649.7	684.8	717.6	752.7	791.8	828.9
-67.5°	444.7	472.6	499.7	526.4	553.7	580.5	608.9	638.8	667.0	698.4	729.8
-70°	406.3	427.1	450.4	473.3	493.5	513.5	535.6	559.0	585.1	613.4	639.9
-72.5°	367.4	382.3	399.8	419.9	431.7	440.2	454.7	474.8	500.1	527.2	551.8
-75°	316.9	335.6	347.4	360.6	365.6	364.8	364.4	370.3	396.5	430.5	460.0
-77.5°	258.3	275.0	288.8	299.7	298.0	292.4	286.7	280.7	302.5	332.9	361.0
-80°	203.4	214.8	227.1	237.3	235.5	228.8	219.1	206.5	226.2	255.5	285.0
-82.5°	155.0	163.5	171.2	178.1	175.5	170.4	163.8	155.2	172.5	193.6	215.3
-85°	105.8	112.2	117.3	121.9	119.1	114.8	109.5	103.2	115.7	129.5	144.0
-87.5°	52.9	56.1	59.0	61.7	60.2	58.0	55.0	51.5	57.6	64.1	70.8
-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: P624767 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-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°	77.6	78.0	78.0	77.8	77.3	78.8	80.2	81.3	82.4	73.3	63.8
85°	158.9	160.4	160.8	160.6	159.9	161.1	161.8	162.1	161.9	145.4	127.9
82.5°	237.7	245.9	253.4	261.4	269.9	269.0	265.9	261.5	255.9	230.5	203.0
80°	312.7	327.1	338.2	348.2	357.3	355.0	350.5	345.5	339.9	310.9	278.7
77.5°	389.1	407.1	420.1	431.1	440.3	441.6	440.5	438.5	435.7	406.7	372.4
75°	485.4	502.1	514.8	527.4	539.7	546.3	549.3	550.9	551.2	525.3	491.7
72.5°	574.1	593.7	612.5	630.8	647.8	658.8	666.2	673.0	679.1	666.2	646.5
70°	665.4	689.7	712.2	733.9	755.3	772.6	784.9	795.2	803.3	805.9	807.3
67.5°	761.7	791.2	819.2	845.7	871.9	894.3	911.1	926.3	939.6	949.8	956.5
65°	865.4	902.6	937.7	969.3	997.7	1026.3	1050.6	1071.9	1090.2	1104.8	1115.7
62.5°	983.3	1027.1	1069.3	1107.7	1142.3	1177.1	1211.8	1242.1	1267.9	1288.8	1304.7
60°	1113.2	1163.1	1217.5	1268.8	1316.5	1360.5	1403.4	1441.3	1474.3	1502.2	1525.4
57.5°	1258.4	1323.0	1386.7	1452.9	1512.0	1564.1	1618.7	1672.6	1719.1	1758.1	1790.2
55°	1419.5	1502.7	1582.0	1663.2	1741.8	1814.0	1882.4	1954.0	2015.8	2067.7	2110.3
52.5°	1596.2	1704.4	1807.4	1906.1	2012.3	2109.5	2197.1	2291.9	2377.9	2451.1	2515.2
50°	1805.8	1931.3	2066.7	2194.0	2331.4	2464.5	2584.3	2706.4	2827.0	2929.0	3015.3
47.5°	2037.3	2190.5	2366.6	2542.7	2710.8	2892.5	3060.5	3217.2	3380.5	3520.2	3636.8
45°	2292.8	2502.0	2713.1	2946.2	3160.8	3404.8	3634.1	3838.6	4067.1	4271.3	4442.0
42.5°	2593.1	2857.8	3123.5	3423.4	3716.0	4023.6	4348.1	4639.9	4944.4	5239.1	5486.2
40°	2947.4	3261.8	3628.6	3989.7	4394.8	4782.1	5241.9	5651.5	6036.8	6413.2	6731.0
37.5°	3340.5	3756.3	4207.1	4665.6	5219.4	5762.2	6302.6	6812.6	7272.0	7693.0	8027.1
35°	3791.6	4313.1	4851.6	5519.7	6175.2	6840.6	7458.9	8040.8	8562.7	8988.1	9342.4
32.5°	4312.2	4928.6	5670.2	6444.4	7206.2	7943.3	8637.8	9255.7	9800.1	10286.0	10704.1
30°	4860.9	5663.4	6529.9	7396.0	8227.9	9026.8	9770.9	10464.8	11097.0	11642.7	12110.1
27.5°	5505.2	6435.0	7399.8	8326.9	9220.6	10081.8	10928.5	11718.0	12410.9	12984.8	13567.5
25°	6144.3	7209.5	8238.4	9222.0	10186.3	11148.8	12083.5	12970.3	13778.6	14485.1	15112.5
22.5°	6818.5	7931.0	9017.8	10061.1	11154.9	12203.3	13222.8	14235.7	15165.3	15975.2	16685.5
20°	7438.8	8592.6	9742.7	10907.3	12091.1	13228.6	14377.6	15470.5	16505.8	17486.9	18294.1
17.5°	7995.9	9212.8	10422.8	11650.1	12942.3	14230.5	15476.1	16661.3	17843.3	18984.1	19931.9
15°	8493.4	9769.4	11012.5	12348.2	13741.0	15128.2	16515.4	17823.0	19153.3	20416.4	21540.9
12.5°	8932.6	10248.8	11570.0	12990.0	14449.9	15895.4	17414.0	18931.2	20406.4	21769.4	22990.8
10°	9294.2	10665.1	12080.3	13552.8	15064.8	16593.6	18228.7	19856.0	21493.5	22941.5	24270.0
7.5°	9571.5	10975.7	12455.7	13984.3	15582.5	17214.5	18925.5	20641.8	22313.1	23869.3	25258.8
5°	9764.8	11184.6	12703.7	14265.1	15928.1	17636.9	19460.0	21288.8	22995.1	24604.2	26027.5
2.5°	9899.8	11324.1	12860.4	14421.5	16114.9	17884.3	19711.8	21608.4	23354.6	25005.7	26590.2
0°	9990.4	11447.4	13011.8	14554.2	16200.8	17977.0	19838.5	21690.6	23479.4	25274.6	26763.2
-2.5°	9899.8	11324.1	12860.4	14421.5	16114.9	17884.3	19711.8	21608.4	23354.6	25005.7	26590.2
-5°	9764.8	11184.6	12703.7	14265.1	15928.1	17636.9	19460.0	21288.8	22995.1	24604.2	26027.5
-7.5°	9571.5	10975.7	12455.7	13984.3	15582.5	17214.5	18925.5	20641.8	22313.1	23869.3	25258.8
-10°	9294.2	10665.1	12080.3	13552.8	15064.8	16593.6	18228.7	19856.0	21493.5	22941.5	24270.0
-12.5°	8932.6	10248.8	11570.0	12990.0	14449.9	15895.4	17414.0	18931.2	20406.4	21769.4	22990.8
-15°	8493.4	9769.4	11012.5	12348.2	13741.0	15128.2	16515.4	17823.0	19153.3	20416.4	21540.9
-17.5°	7995.9	9212.8	10422.8	11650.1	12942.3	14230.5	15476.1	16661.3	17843.3	18984.1	19931.9
-20°	7438.8	8592.6	9742.7	10907.3	12091.1	13228.6	14377.6	15470.5	16505.8	17486.9	18294.1

Classified

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

Scaled Data Report



REPORT NUMBER: P624767 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-66

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6818.5	7931.0	9017.8	10061.1	11154.9	12203.3	13222.8	14235.7	15165.3	15975.2	16685.5
-25°	6144.3	7209.5	8238.4	9222.0	10186.3	11148.8	12083.5	12970.3	13778.6	14485.1	15112.5
-27.5°	5505.2	6435.0	7399.8	8326.9	9220.6	10081.8	10928.5	11718.0	12410.9	12984.8	13567.5
-30°	4860.9	5663.4	6529.9	7396.0	8227.9	9026.8	9770.9	10464.8	11097.0	11642.7	12110.1
-32.5°	4312.2	4928.6	5670.2	6444.4	7206.2	7943.3	8637.8	9255.7	9800.1	10286.0	10704.1
-35°	3791.6	4313.1	4851.6	5519.7	6175.2	6840.6	7458.9	8040.8	8562.7	8988.1	9342.4
-37.5°	3340.5	3756.3	4207.1	4665.6	5219.4	5762.2	6302.6	6812.6	7272.0	7693.0	8027.1
-40°	2947.4	3261.8	3628.6	3989.7	4394.8	4782.1	5241.9	5651.5	6036.8	6413.2	6731.0
-42.5°	2593.1	2857.8	3123.5	3423.4	3716.0	4023.6	4348.1	4639.9	4944.4	5239.1	5486.2
-45°	2292.8	2502.0	2713.1	2946.2	3160.8	3404.8	3634.1	3838.6	4067.1	4271.3	4442.0
-47.5°	2037.3	2190.5	2366.6	2542.7	2710.8	2892.5	3060.5	3217.2	3380.5	3520.2	3636.8
-50°	1805.8	1931.3	2066.7	2194.0	2331.4	2464.5	2584.3	2706.4	2827.0	2929.0	3015.3
-52.5°	1596.2	1704.4	1807.4	1906.1	2012.3	2109.5	2197.1	2291.9	2377.9	2451.1	2515.2
-55°	1419.5	1502.7	1582.0	1663.2	1741.8	1814.0	1882.4	1954.0	2015.8	2067.7	2110.3
-57.5°	1258.4	1323.0	1386.7	1452.9	1512.0	1564.1	1618.7	1672.6	1719.1	1758.1	1790.2
-60°	1113.2	1163.1	1217.5	1268.8	1316.5	1360.5	1403.4	1441.3	1474.3	1502.2	1525.4
-62.5°	983.3	1027.1	1069.3	1107.7	1142.3	1177.1	1211.8	1242.1	1267.9	1288.8	1304.7
-65°	865.4	902.6	937.7	969.3	997.7	1026.3	1050.6	1071.9	1090.2	1104.8	1115.7
-67.5°	761.7	791.2	819.2	845.7	871.9	894.3	911.1	926.3	939.6	949.8	956.5
-70°	665.4	689.7	712.2	733.9	755.3	772.6	784.9	795.2	803.3	805.9	807.3
-72.5°	574.1	593.7	612.5	630.8	647.8	658.8	666.2	673.0	679.1	666.2	646.5
-75°	485.4	502.1	514.8	527.4	539.7	546.3	549.3	550.9	551.2	525.3	491.7
-77.5°	389.1	407.1	420.1	431.1	440.3	441.6	440.5	438.5	435.7	406.7	372.4
-80°	312.7	327.1	338.2	348.2	357.3	355.0	350.5	345.5	339.9	310.9	278.7
-82.5°	237.7	245.9	253.4	261.4	269.9	269.0	265.9	261.5	255.9	230.5	203.0
-85°	158.9	160.4	160.8	160.6	159.9	161.1	161.8	162.1	161.9	145.4	127.9
-87.5°	77.6	78.0	78.0	77.8	77.3	78.8	80.2	81.3	82.4	73.3	63.8
-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: P624767 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-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°	54.0	44.1	39.5	34.8	39.5	44.1	54.0	63.8	73.3	82.4	81.3
85°	109.9	91.5	86.9	82.2	86.9	91.5	109.9	127.9	145.4	161.9	162.1
82.5°	174.5	145.3	139.0	132.7	139.0	145.3	174.5	203.0	230.5	255.9	261.5
80°	245.7	211.8	205.3	199.1	205.3	211.8	245.7	278.7	310.9	339.9	345.5
77.5°	336.9	300.3	290.6	281.3	290.6	300.3	336.9	372.4	406.7	435.7	438.5
75°	456.7	420.2	412.0	404.5	412.0	420.2	456.7	491.7	525.3	551.2	550.9
72.5°	626.0	604.2	584.6	562.6	584.6	604.2	626.0	646.5	666.2	679.1	673.0
70°	808.8	809.6	806.2	799.6	806.2	809.6	808.8	807.3	805.9	803.3	795.2
67.5°	960.8	962.4	967.1	970.3	967.1	962.4	960.8	956.5	949.8	939.6	926.3
65°	1123.6	1128.5	1135.7	1140.9	1135.7	1128.5	1123.6	1115.7	1104.8	1090.2	1071.9
62.5°	1315.9	1322.7	1328.4	1330.6	1328.4	1322.7	1315.9	1304.7	1288.8	1267.9	1242.1
60°	1543.5	1556.2	1567.2	1573.9	1567.2	1556.2	1543.5	1525.4	1502.2	1474.3	1441.3
57.5°	1814.5	1831.1	1847.0	1858.4	1847.0	1831.1	1814.5	1790.2	1758.1	1719.1	1672.6
55°	2142.6	2164.6	2174.0	2171.3	2174.0	2164.6	2142.6	2110.3	2067.7	2015.8	1954.0
52.5°	2568.0	2607.5	2624.4	2620.1	2624.4	2607.5	2568.0	2515.2	2451.1	2377.9	2291.9
50°	3083.4	3131.5	3154.8	3154.2	3154.8	3131.5	3083.4	3015.3	2929.0	2827.0	2706.4
47.5°	3729.5	3795.9	3836.8	3852.7	3836.8	3795.9	3729.5	3636.8	3520.2	3380.5	3217.2
45°	4577.3	4674.8	4728.3	4734.4	4728.3	4674.8	4577.3	4442.0	4271.3	4067.1	3838.6
42.5°	5676.8	5813.1	5891.7	5910.2	5891.7	5813.1	5676.8	5486.2	5239.1	4944.4	4639.9
40°	6968.6	7135.3	7244.4	7316.6	7244.4	7135.3	6968.6	6731.0	6413.2	6036.8	5651.5
37.5°	8298.6	8515.3	8653.5	8675.6	8653.5	8515.3	8298.6	8027.1	7693.0	7272.0	6812.6
35°	9637.7	9860.2	9995.3	10053.6	9995.3	9860.2	9637.7	9342.4	8988.1	8562.7	8040.8
32.5°	11035.9	11287.5	11444.0	11523.2	11444.0	11287.5	11035.9	10704.1	10286.0	9800.1	9255.7
30°	12496.4	12796.2	12988.0	13097.2	12988.0	12796.2	12496.4	12110.1	11642.7	11097.0	10464.8
27.5°	14032.2	14390.7	14627.9	14718.5	14627.9	14390.7	14032.2	13567.5	12984.8	12410.9	11718.0
25°	15616.0	16003.7	16269.7	16418.9	16269.7	16003.7	15616.0	15112.5	14485.1	13778.6	12970.3
22.5°	17270.1	17730.3	18074.4	18239.3	18074.4	17730.3	17270.1	16685.5	15975.2	15165.3	14235.7
20°	18975.8	19479.4	19878.3	20050.3	19878.3	19479.4	18975.8	18294.1	17486.9	16505.8	15470.5
17.5°	20714.6	21327.7	21774.1	21990.8	21774.1	21327.7	20714.6	19931.9	18984.1	17843.3	16661.3
15°	22402.0	23051.9	23535.9	23770.2	23535.9	23051.9	22402.0	21540.9	20416.4	19153.3	17823.0
12.5°	23965.2	24655.1	25139.4	25476.9	25139.4	24655.1	23965.2	22990.8	21769.4	20406.4	18931.2
10°	25361.8	26114.4	26606.1	26956.0	26606.1	26114.4	25361.8	24270.0	22941.5	21493.5	19856.0
7.5°	26408.3	27359.6	27914.4	28258.1	27914.4	27359.6	26408.3	25258.8	23869.3	22313.1	20641.8
5°	27213.3	28260.7	28763.8	29089.3	28763.8	28260.7	27213.3	26027.5	24604.2	22995.1	21288.8
2.5°	27801.0	28626.8	29257.9	29582.4	29257.9	28626.8	27801.0	26590.2	25005.7	23354.6	21608.4
0°	28030.6	29004.0	29449.6	29661.4	29449.6	29004.0	28030.6	26763.2	25274.6	23479.4	21690.6
-2.5°	27801.0	28626.8	29257.9	29582.4	29257.9	28626.8	27801.0	26590.2	25005.7	23354.6	21608.4
-5°	27213.3	28260.7	28763.8	29089.3	28763.8	28260.7	27213.3	26027.5	24604.2	22995.1	21288.8
-7.5°	26408.3	27359.6	27914.4	28258.1	27914.4	27359.6	26408.3	25258.8	23869.3	22313.1	20641.8
-10°	25361.8	26114.4	26606.1	26956.0	26606.1	26114.4	25361.8	24270.0	22941.5	21493.5	19856.0
-12.5°	23965.2	24655.1	25139.4	25476.9	25139.4	24655.1	23965.2	22990.8	21769.4	20406.4	18931.2
-15°	22402.0	23051.9	23535.9	23770.2	23535.9	23051.9	22402.0	21540.9	20416.4	19153.3	17823.0
-17.5°	20714.6	21327.7	21774.1	21990.8	21774.1	21327.7	20714.6	19931.9	18984.1	17843.3	16661.3
-20°	18975.8	19479.4	19878.3	20050.3	19878.3	19479.4	18975.8	18294.1	17486.9	16505.8	15470.5



REPORT NUMBER: P624767 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-66

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	17270.1	17730.3	18074.4	18239.3	18074.4	17730.3	17270.1	16685.5	15975.2	15165.3	14235.7
-25°	15616.0	16003.7	16269.7	16418.9	16269.7	16003.7	15616.0	15112.5	14485.1	13778.6	12970.3
-27.5°	14032.2	14390.7	14627.9	14718.5	14627.9	14390.7	14032.2	13567.5	12984.8	12410.9	11718.0
-30°	12496.4	12796.2	12988.0	13097.2	12988.0	12796.2	12496.4	12110.1	11642.7	11097.0	10464.8
-32.5°	11035.9	11287.5	11444.0	11523.2	11444.0	11287.5	11035.9	10704.1	10286.0	9800.1	9255.7
-35°	9637.7	9860.2	9995.3	10053.6	9995.3	9860.2	9637.7	9342.4	8988.1	8562.7	8040.8
-37.5°	8298.6	8515.3	8653.5	8675.6	8653.5	8515.3	8298.6	8027.1	7693.0	7272.0	6812.6
-40°	6968.6	7135.3	7244.4	7316.6	7244.4	7135.3	6968.6	6731.0	6413.2	6036.8	5651.5
-42.5°	5676.8	5813.1	5891.7	5910.2	5891.7	5813.1	5676.8	5486.2	5239.1	4944.4	4639.9
-45°	4577.3	4674.8	4728.3	4734.4	4728.3	4674.8	4577.3	4442.0	4271.3	4067.1	3838.6
-47.5°	3729.5	3795.9	3836.8	3852.7	3836.8	3795.9	3729.5	3636.8	3520.2	3380.5	3217.2
-50°	3083.4	3131.5	3154.8	3154.2	3154.8	3131.5	3083.4	3015.3	2929.0	2827.0	2706.4
-52.5°	2568.0	2607.5	2624.4	2620.1	2624.4	2607.5	2568.0	2515.2	2451.1	2377.9	2291.9
-55°	2142.6	2164.6	2174.0	2171.3	2174.0	2164.6	2142.6	2110.3	2067.7	2015.8	1954.0
-57.5°	1814.5	1831.1	1847.0	1858.4	1847.0	1831.1	1814.5	1790.2	1758.1	1719.1	1672.6
-60°	1543.5	1556.2	1567.2	1573.9	1567.2	1556.2	1543.5	1525.4	1502.2	1474.3	1441.3
-62.5°	1315.9	1322.7	1328.4	1330.6	1328.4	1322.7	1315.9	1304.7	1288.8	1267.9	1242.1
-65°	1123.6	1128.5	1135.7	1140.9	1135.7	1128.5	1123.6	1115.7	1104.8	1090.2	1071.9
-67.5°	960.8	962.4	967.1	970.3	967.1	962.4	960.8	956.5	949.8	939.6	926.3
-70°	808.8	809.6	806.2	799.6	806.2	809.6	808.8	807.3	805.9	803.3	795.2
-72.5°	626.0	604.2	584.6	562.6	584.6	604.2	626.0	646.5	666.2	679.1	673.0
-75°	456.7	420.2	412.0	404.5	412.0	420.2	456.7	491.7	525.3	551.2	550.9
-77.5°	336.9	300.3	290.6	281.3	290.6	300.3	336.9	372.4	406.7	435.7	438.5
-80°	245.7	211.8	205.3	199.1	205.3	211.8	245.7	278.7	310.9	339.9	345.5
-82.5°	174.5	145.3	139.0	132.7	139.0	145.3	174.5	203.0	230.5	255.9	261.5
-85°	109.9	91.5	86.9	82.2	86.9	91.5	109.9	127.9	145.4	161.9	162.1
-87.5°	54.0	44.1	39.5	34.8	39.5	44.1	54.0	63.8	73.3	82.4	81.3
-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: P624767 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-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°	80.2	78.8	77.3	77.8	78.0	78.0	77.6	70.8	64.1	57.6	51.5
85°	161.8	161.1	159.9	160.6	160.8	160.4	158.9	144.0	129.5	115.7	103.2
82.5°	265.9	269.0	269.9	261.4	253.4	245.9	237.7	215.3	193.6	172.5	155.2
80°	350.5	355.0	357.3	348.2	338.2	327.1	312.7	285.0	255.5	226.2	206.5
77.5°	440.5	441.6	440.3	431.1	420.1	407.1	389.1	361.0	332.9	302.5	280.7
75°	549.3	546.3	539.7	527.4	514.8	502.1	485.4	460.0	430.5	396.5	370.3
72.5°	666.2	658.8	647.8	630.8	612.5	593.7	574.1	551.8	527.2	500.1	474.8
70°	784.9	772.6	755.3	733.9	712.2	689.7	665.4	639.9	613.4	585.1	559.0
67.5°	911.1	894.3	871.9	845.7	819.2	791.2	761.7	729.8	698.4	667.0	638.8
65°	1050.6	1026.3	997.7	969.3	937.7	902.6	865.4	828.9	791.8	752.7	717.6
62.5°	1211.8	1177.1	1142.3	1107.7	1069.3	1027.1	983.3	939.8	893.4	845.7	803.9
60°	1403.4	1360.5	1316.5	1268.8	1217.5	1163.1	1113.2	1059.8	1003.0	949.9	895.2
57.5°	1618.7	1564.1	1512.0	1452.9	1386.7	1323.0	1258.4	1189.4	1125.0	1059.3	993.1
55°	1882.4	1814.0	1741.8	1663.2	1582.0	1502.7	1419.5	1338.2	1258.4	1172.9	1099.1
52.5°	2197.1	2109.5	2012.3	1906.1	1807.4	1704.4	1596.2	1501.5	1401.8	1306.2	1210.7
50°	2584.3	2464.5	2331.4	2194.0	2066.7	1931.3	1805.8	1680.7	1559.7	1447.0	1334.8
47.5°	3060.5	2892.5	2710.8	2542.7	2366.6	2190.5	2037.3	1880.2	1739.5	1595.7	1470.0
45°	3634.1	3404.8	3160.8	2946.2	2713.1	2502.0	2292.8	2109.3	1931.8	1769.6	1608.6
42.5°	4348.1	4023.6	3716.0	3423.4	3123.5	2857.8	2593.1	2364.2	2147.8	1950.9	1769.7
40°	5241.9	4782.1	4394.8	3989.7	3628.6	3261.8	2947.4	2642.4	2390.3	2150.8	1932.6
37.5°	6302.6	5762.2	5219.4	4665.6	4207.1	3756.3	3340.5	2977.8	2644.9	2370.2	2114.8
35°	7458.9	6840.6	6175.2	5519.7	4851.6	4313.1	3791.6	3338.1	2948.5	2600.9	2303.5
32.5°	8637.8	7943.3	7206.2	6444.4	5670.2	4928.6	4312.2	3744.7	3258.2	2861.8	2510.8
30°	9770.9	9026.8	8227.9	7396.0	6529.9	5663.4	4860.9	4202.9	3624.4	3123.3	2718.5
27.5°	10928.5	10081.8	9220.6	8326.9	7399.8	6435.0	5505.2	4667.8	3992.1	3425.7	2947.3
25°	12083.5	11148.8	10186.3	9222.0	8238.4	7209.5	6144.3	5199.3	4395.3	3727.1	3154.3
22.5°	13222.8	12203.3	11154.9	10061.1	9017.8	7931.0	6818.5	5713.4	4768.1	4023.5	3394.3
20°	14377.6	13228.6	12091.1	10907.3	9742.7	8592.6	7438.8	6257.5	5209.2	4331.0	3617.1
17.5°	15476.1	14230.5	12942.3	11650.1	10422.8	9212.8	7995.9	6783.0	5614.0	4609.4	3812.5
15°	16515.4	15128.2	13741.0	12348.2	11012.5	9769.4	8493.4	7238.7	5995.9	4903.1	4030.6
12.5°	17414.0	15895.4	14449.9	12990.0	11570.0	10248.8	8932.6	7633.2	6357.3	5185.3	4226.7
10°	18228.7	16593.6	15064.8	13552.8	12080.3	10665.1	9294.2	7960.7	6648.3	5416.0	4385.1
7.5°	18925.5	17214.5	15582.5	13984.3	12455.7	10975.7	9571.5	8215.2	6876.1	5594.4	4505.4
5°	19460.0	17636.9	15928.1	14265.1	12703.7	11184.6	9764.8	8394.2	7038.2	5719.3	4587.6
2.5°	19711.8	17884.3	16114.9	14421.5	12860.4	11324.1	9899.8	8515.8	7138.5	5813.0	4651.1
0°	19838.5	17977.0	16200.8	14554.2	13011.8	11447.4	9990.4	8577.6	7171.2	5856.4	4677.6
-2.5°	19711.8	17884.3	16114.9	14421.5	12860.4	11324.1	9899.8	8515.8	7138.5	5813.0	4651.1
-5°	19460.0	17636.9	15928.1	14265.1	12703.7	11184.6	9764.8	8394.2	7038.2	5719.3	4587.6
-7.5°	18925.5	17214.5	15582.5	13984.3	12455.7	10975.7	9571.5	8215.2	6876.1	5594.4	4505.4
-10°	18228.7	16593.6	15064.8	13552.8	12080.3	10665.1	9294.2	7960.7	6648.3	5416.0	4385.1
-12.5°	17414.0	15895.4	14449.9	12990.0	11570.0	10248.8	8932.6	7633.2	6357.3	5185.3	4226.7
-15°	16515.4	15128.2	13741.0	12348.2	11012.5	9769.4	8493.4	7238.7	5995.9	4903.1	4030.6
-17.5°	15476.1	14230.5	12942.3	11650.1	10422.8	9212.8	7995.9	6783.0	5614.0	4609.4	3812.5
-20°	14377.6	13228.6	12091.1	10907.3	9742.7	8592.6	7438.8	6257.5	5209.2	4331.0	3617.1



REPORT NUMBER: P624767 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-66

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	13222.8	12203.3	11154.9	10061.1	9017.8	7931.0	6818.5	5713.4	4768.1	4023.5	3394.3
-25°	12083.5	11148.8	10186.3	9222.0	8238.4	7209.5	6144.3	5199.3	4395.3	3727.1	3154.3
-27.5°	10928.5	10081.8	9220.6	8326.9	7399.8	6435.0	5505.2	4667.8	3992.1	3425.7	2947.3
-30°	9770.9	9026.8	8227.9	7396.0	6529.9	5663.4	4860.9	4202.9	3624.4	3123.3	2718.5
-32.5°	8637.8	7943.3	7206.2	6444.4	5670.2	4928.6	4312.2	3744.7	3258.2	2861.8	2510.8
-35°	7458.9	6840.6	6175.2	5519.7	4851.6	4313.1	3791.6	3338.1	2948.5	2600.9	2303.5
-37.5°	6302.6	5762.2	5219.4	4665.6	4207.1	3756.3	3340.5	2977.8	2644.9	2370.2	2114.8
-40°	5241.9	4782.1	4394.8	3989.7	3628.6	3261.8	2947.4	2642.4	2390.3	2150.8	1932.6
-42.5°	4348.1	4023.6	3716.0	3423.4	3123.5	2857.8	2593.1	2364.2	2147.8	1950.9	1769.7
-45°	3634.1	3404.8	3160.8	2946.2	2713.1	2502.0	2292.8	2109.3	1931.8	1769.6	1608.6
-47.5°	3060.5	2892.5	2710.8	2542.7	2366.6	2190.5	2037.3	1880.2	1739.5	1595.7	1470.0
-50°	2584.3	2464.5	2331.4	2194.0	2066.7	1931.3	1805.8	1680.7	1559.7	1447.0	1334.8
-52.5°	2197.1	2109.5	2012.3	1906.1	1807.4	1704.4	1596.2	1501.5	1401.8	1306.2	1210.7
-55°	1882.4	1814.0	1741.8	1663.2	1582.0	1502.7	1419.5	1338.2	1258.4	1172.9	1099.1
-57.5°	1618.7	1564.1	1512.0	1452.9	1386.7	1323.0	1258.4	1189.4	1125.0	1059.3	993.1
-60°	1403.4	1360.5	1316.5	1268.8	1217.5	1163.1	1113.2	1059.8	1003.0	949.9	895.2
-62.5°	1211.8	1177.1	1142.3	1107.7	1069.3	1027.1	983.3	939.8	893.4	845.7	803.9
-65°	1050.6	1026.3	997.7	969.3	937.7	902.6	865.4	828.9	791.8	752.7	717.6
-67.5°	911.1	894.3	871.9	845.7	819.2	791.2	761.7	729.8	698.4	667.0	638.8
-70°	784.9	772.6	755.3	733.9	712.2	689.7	665.4	639.9	613.4	585.1	559.0
-72.5°	666.2	658.8	647.8	630.8	612.5	593.7	574.1	551.8	527.2	500.1	474.8
-75°	549.3	546.3	539.7	527.4	514.8	502.1	485.4	460.0	430.5	396.5	370.3
-77.5°	440.5	441.6	440.3	431.1	420.1	407.1	389.1	361.0	332.9	302.5	280.7
-80°	350.5	355.0	357.3	348.2	338.2	327.1	312.7	285.0	255.5	226.2	206.5
-82.5°	265.9	269.0	269.9	261.4	253.4	245.9	237.7	215.3	193.6	172.5	155.2
-85°	161.8	161.1	159.9	160.6	160.8	160.4	158.9	144.0	129.5	115.7	103.2
-87.5°	80.2	78.8	77.3	77.8	78.0	78.0	77.6	70.8	64.1	57.6	51.5
-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: P624767 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-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°	55.0	58.0	60.2	61.7	59.0	56.1	52.9	49.4	45.6	41.6	37.3
85°	109.5	114.8	119.1	121.9	117.3	112.2	105.8	98.8	91.2	83.2	74.5
82.5°	163.8	170.4	175.5	178.1	171.2	163.5	155.0	145.6	135.3	124.4	111.7
80°	219.1	228.8	235.5	237.3	227.1	214.8	203.4	190.8	176.8	162.0	146.4
77.5°	286.7	292.4	298.0	299.7	288.8	275.0	258.3	238.2	218.2	199.5	179.8
75°	364.4	364.8	365.6	360.6	347.4	335.6	316.9	291.8	261.9	236.7	213.0
72.5°	454.7	440.2	431.7	419.9	399.8	382.3	367.4	344.0	305.4	272.2	244.7
70°	535.6	513.5	493.5	473.3	450.4	427.1	406.3	380.1	347.2	306.7	272.2
67.5°	608.9	580.5	553.7	526.4	499.7	472.6	444.7	412.1	376.3	339.6	298.7
65°	684.8	649.7	612.9	581.4	549.5	517.7	486.3	445.0	405.0	365.3	324.0
62.5°	762.5	722.1	680.9	638.2	599.8	563.6	526.4	480.4	433.8	390.5	346.9
60°	841.5	795.0	748.4	700.7	653.1	609.0	565.7	515.1	465.1	415.1	368.6
57.5°	931.5	868.5	815.3	762.5	709.4	657.3	604.8	550.5	495.5	441.6	388.5
55°	1024.2	953.9	885.6	824.4	765.5	707.6	645.6	586.0	525.7	467.9	404.3
52.5°	1122.5	1040.7	962.8	889.0	822.3	756.4	689.2	620.9	557.5	493.3	420.9
50°	1229.2	1130.9	1041.7	958.0	879.3	806.1	732.0	659.4	588.5	518.8	436.4
47.5°	1343.9	1229.9	1124.1	1027.1	940.4	854.0	775.1	697.4	618.7	545.8	450.4
45°	1469.1	1334.2	1211.2	1101.6	998.0	905.0	817.1	734.2	651.8	564.8	463.0
42.5°	1593.9	1444.8	1305.2	1173.7	1061.6	956.0	857.3	770.4	683.8	582.2	476.5
40°	1737.8	1556.1	1398.9	1256.3	1124.3	1005.2	901.3	805.0	713.6	599.8	490.6
37.5°	1879.2	1677.0	1497.2	1334.0	1187.0	1060.1	944.0	837.8	735.9	618.8	503.5
35°	2041.9	1803.6	1588.4	1413.3	1254.4	1112.2	984.6	870.9	759.5	636.8	515.2
32.5°	2200.2	1930.2	1694.9	1492.8	1317.3	1161.4	1026.9	904.8	784.3	653.9	525.6
30°	2373.8	2063.6	1795.7	1567.1	1378.5	1214.4	1068.7	937.1	809.9	670.0	535.7
27.5°	2538.3	2186.5	1892.8	1648.4	1441.9	1263.7	1107.6	967.6	836.2	686.7	547.3
25°	2701.7	2319.8	1997.2	1726.7	1500.1	1309.5	1143.5	996.4	861.3	705.9	557.7
22.5°	2878.3	2449.1	2091.1	1797.1	1554.9	1351.4	1178.7	1025.8	884.1	724.6	566.7
20°	3039.2	2565.9	2175.7	1866.6	1611.1	1396.4	1212.7	1052.2	904.9	742.5	574.2
17.5°	3189.6	2685.9	2274.0	1940.1	1665.3	1436.5	1242.8	1075.5	923.5	759.4	580.2
15°	3351.0	2806.1	2363.3	2004.5	1712.6	1471.5	1269.0	1095.7	939.9	774.8	585.9
12.5°	3489.3	2907.4	2439.3	2059.5	1752.8	1501.2	1291.1	1112.8	953.9	788.6	591.1
10°	3603.1	2989.4	2501.7	2104.9	1785.7	1525.7	1309.1	1126.8	964.6	799.9	594.1
7.5°	3691.4	3052.1	2550.1	2140.4	1811.5	1545.9	1324.5	1138.3	972.6	808.5	594.9
5°	3756.4	3100.8	2583.1	2166.3	1830.6	1562.0	1336.1	1146.7	977.8	814.1	593.6
2.5°	3805.3	3140.0	2600.9	2181.9	1841.9	1572.4	1343.4	1151.9	980.3	816.5	590.2
0°	3827.4	3160.5	2604.3	2187.1	1845.7	1577.1	1346.4	1153.6	979.8	815.4	584.7
-2.5°	3805.3	3140.0	2600.9	2181.9	1841.9	1572.4	1343.4	1151.9	980.3	816.5	590.2
-5°	3756.4	3100.8	2583.1	2166.3	1830.6	1562.0	1336.1	1146.7	977.8	814.1	593.6
-7.5°	3691.4	3052.1	2550.1	2140.4	1811.5	1545.9	1324.5	1138.3	972.6	808.5	594.9
-10°	3603.1	2989.4	2501.7	2104.9	1785.7	1525.7	1309.1	1126.8	964.6	799.9	594.1
-12.5°	3489.3	2907.4	2439.3	2059.5	1752.8	1501.2	1291.1	1112.8	953.9	788.6	591.1
-15°	3351.0	2806.1	2363.3	2004.5	1712.6	1471.5	1269.0	1095.7	939.9	774.8	585.9
-17.5°	3189.6	2685.9	2274.0	1940.1	1665.3	1436.5	1242.8	1075.5	923.5	759.4	580.2
-20°	3039.2	2565.9	2175.7	1866.6	1611.1	1396.4	1212.7	1052.2	904.9	742.5	574.2

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

Scaled Data Report



REPORT NUMBER: P624767 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-66

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2878.3	2449.1	2091.1	1797.1	1554.9	1351.4	1178.7	1025.8	884.1	724.6	566.7
-25°	2701.7	2319.8	1997.2	1726.7	1500.1	1309.5	1143.5	996.4	861.3	705.9	557.7
-27.5°	2538.3	2186.5	1892.8	1648.4	1441.9	1263.7	1107.6	967.6	836.2	686.7	547.3
-30°	2373.8	2063.6	1795.7	1567.1	1378.5	1214.4	1068.7	937.1	809.9	670.0	535.7
-32.5°	2200.2	1930.2	1694.9	1492.8	1317.3	1161.4	1026.9	904.8	784.3	653.9	525.6
-35°	2041.9	1803.6	1588.4	1413.3	1254.4	1112.2	984.6	870.9	759.5	636.8	515.2
-37.5°	1879.2	1677.0	1497.2	1334.0	1187.0	1060.1	944.0	837.8	735.9	618.8	503.5
-40°	1737.8	1556.1	1398.9	1256.3	1124.3	1005.2	901.3	805.0	713.6	599.8	490.6
-42.5°	1593.9	1444.8	1305.2	1173.7	1061.6	956.0	857.3	770.4	683.8	582.2	476.5
-45°	1469.1	1334.2	1211.2	1101.6	998.0	905.0	817.1	734.2	651.8	564.8	463.0
-47.5°	1343.9	1229.9	1124.1	1027.1	940.4	854.0	775.1	697.4	618.7	545.8	450.4
-50°	1229.2	1130.9	1041.7	958.0	879.3	806.1	732.0	659.4	588.5	518.8	436.4
-52.5°	1122.5	1040.7	962.8	889.0	822.3	756.4	689.2	620.9	557.5	493.3	420.9
-55°	1024.2	953.9	885.6	824.4	765.5	707.6	645.6	586.0	525.7	467.9	404.3
-57.5°	931.5	868.5	815.3	762.5	709.4	657.3	604.8	550.5	495.5	441.6	388.5
-60°	841.5	795.0	748.4	700.7	653.1	609.0	565.7	515.1	465.1	415.1	368.6
-62.5°	762.5	722.1	680.9	638.2	599.8	563.6	526.4	480.4	433.8	390.5	346.9
-65°	684.8	649.7	612.9	581.4	549.5	517.7	486.3	445.0	405.0	365.3	324.0
-67.5°	608.9	580.5	553.7	526.4	499.7	472.6	444.7	412.1	376.3	339.6	298.7
-70°	535.6	513.5	493.5	473.3	450.4	427.1	406.3	380.1	347.2	306.7	272.2
-72.5°	454.7	440.2	431.7	419.9	399.8	382.3	367.4	344.0	305.4	272.2	244.7
-75°	364.4	364.8	365.6	360.6	347.4	335.6	316.9	291.8	261.9	236.7	213.0
-77.5°	286.7	292.4	298.0	299.7	288.8	275.0	258.3	238.2	218.2	199.5	179.8
-80°	219.1	228.8	235.5	237.3	227.1	214.8	203.4	190.8	176.8	162.0	146.4
-82.5°	163.8	170.4	175.5	178.1	171.2	163.5	155.0	145.6	135.3	124.4	111.7
-85°	109.5	114.8	119.1	121.9	117.3	112.2	105.8	98.8	91.2	83.2	74.5
-87.5°	55.0	58.0	60.2	61.7	59.0	56.1	52.9	49.4	45.6	41.6	37.3
-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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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P624767 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-66

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°	32.7	24.8	17.8	11.9	6.9	3.1	0.0
85°	65.2	49.4	35.6	23.7	13.7	6.2	0.0
82.5°	97.4	73.9	53.1	35.4	20.6	9.3	0.0
80°	128.8	97.9	70.5	46.9	27.3	12.3	0.0
77.5°	156.6	120.4	87.5	58.3	34.0	15.3	0.0
75°	183.5	140.0	103.6	69.4	40.6	18.3	0.0
72.5°	209.5	158.9	116.5	80.3	47.0	21.3	0.0
70°	233.6	177.0	128.9	90.3	53.3	24.1	0.0
67.5°	251.9	194.1	140.7	97.7	59.5	27.0	0.0
65°	269.2	209.0	151.8	104.6	65.5	29.7	0.0
62.5°	285.6	221.7	162.1	111.2	71.2	32.4	0.0
60°	300.9	233.7	171.7	117.3	76.8	35.0	0.0
57.5°	315.1	244.7	180.1	122.9	80.5	37.5	0.0
55°	328.3	254.9	187.8	128.0	84.0	40.0	0.0
52.5°	340.5	264.3	194.8	132.5	87.4	42.3	0.0
50°	351.7	273.5	201.1	136.5	90.6	44.5	0.0
47.5°	362.1	281.8	206.8	140.1	93.7	46.6	0.0
45°	372.8	289.3	211.7	143.7	96.6	48.6	0.0
42.5°	382.2	295.9	215.9	146.9	99.3	50.5	0.0
40°	390.3	301.7	219.9	150.9	101.9	52.3	0.0
37.5°	397.2	306.5	223.8	155.2	104.3	54.0	0.0
35°	402.8	311.0	227.0	159.2	106.5	55.5	0.0
32.5°	408.5	314.8	229.6	162.8	108.6	56.9	0.0
30°	415.9	317.6	231.4	166.1	110.4	58.2	0.0
27.5°	422.1	319.4	235.7	169.0	112.0	59.3	0.0
25°	427.0	320.2	239.8	171.5	113.5	60.3	0.0
22.5°	430.8	321.7	243.2	173.7	114.8	61.2	0.0
20°	433.2	326.4	246.0	175.6	115.8	61.9	0.0
17.5°	437.7	330.4	248.2	177.0	116.7	62.5	0.0
15°	442.6	333.8	249.7	178.1	117.3	63.0	0.0
12.5°	445.9	336.5	250.6	178.8	117.8	63.4	0.0
10°	447.5	338.4	251.0	179.2	118.0	63.6	0.0
7.5°	447.5	339.6	250.7	179.2	118.0	63.7	0.0
5°	446.1	340.0	249.9	178.8	117.9	63.6	0.0
2.5°	443.4	339.5	248.5	178.1	117.5	63.5	0.0
0°	439.3	338.2	246.5	177.0	116.9	63.2	0.0
-2.5°	443.4	339.5	248.5	178.1	117.5	63.5	0.0
-5°	446.1	340.0	249.9	178.8	117.9	63.6	0.0
-7.5°	447.5	339.6	250.7	179.2	118.0	63.7	0.0
-10°	447.5	338.4	251.0	179.2	118.0	63.6	0.0
-12.5°	445.9	336.5	250.6	178.8	117.8	63.4	0.0
-15°	442.6	333.8	249.7	178.1	117.3	63.0	0.0
-17.5°	437.7	330.4	248.2	177.0	116.7	62.5	0.0
-20°	433.2	326.4	246.0	175.6	115.8	61.9	0.0

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

Scaled Data Report



REPORT NUMBER: P624767 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-66

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	430.8	321.7	243.2	173.7	114.8	61.2	0.0
-25°	427.0	320.2	239.8	171.5	113.5	60.3	0.0
-27.5°	422.1	319.4	235.7	169.0	112.0	59.3	0.0
-30°	415.9	317.6	231.4	166.1	110.4	58.2	0.0
-32.5°	408.5	314.8	229.6	162.8	108.6	56.9	0.0
-35°	402.8	311.0	227.0	159.2	106.5	55.5	0.0
-37.5°	397.2	306.5	223.8	155.2	104.3	54.0	0.0
-40°	390.3	301.7	219.9	150.9	101.9	52.3	0.0
-42.5°	382.2	295.9	215.9	146.9	99.3	50.5	0.0
-45°	372.8	289.3	211.7	143.7	96.6	48.6	0.0
-47.5°	362.1	281.8	206.8	140.1	93.7	46.6	0.0
-50°	351.7	273.5	201.1	136.5	90.6	44.5	0.0
-52.5°	340.5	264.3	194.8	132.5	87.4	42.3	0.0
-55°	328.3	254.9	187.8	128.0	84.0	40.0	0.0
-57.5°	315.1	244.7	180.1	122.9	80.5	37.5	0.0
-60°	300.9	233.7	171.7	117.3	76.8	35.0	0.0
-62.5°	285.6	221.7	162.1	111.2	71.2	32.4	0.0
-65°	269.2	209.0	151.8	104.6	65.5	29.7	0.0
-67.5°	251.9	194.1	140.7	97.7	59.5	27.0	0.0
-70°	233.6	177.0	128.9	90.3	53.3	24.1	0.0
-72.5°	209.5	158.9	116.5	80.3	47.0	21.3	0.0
-75°	183.5	140.0	103.6	69.4	40.6	18.3	0.0
-77.5°	156.6	120.4	87.5	58.3	34.0	15.3	0.0
-80°	128.8	97.9	70.5	46.9	27.3	12.3	0.0
-82.5°	97.4	73.9	53.1	35.4	20.6	9.3	0.0
-85°	65.2	49.4	35.6	23.7	13.7	6.2	0.0
-87.5°	32.7	24.8	17.8	11.9	6.9	3.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)