

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: P624802 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-VN-08-E-PRO-5700K-66**

Issue Date: 11/8/2022



Test Information

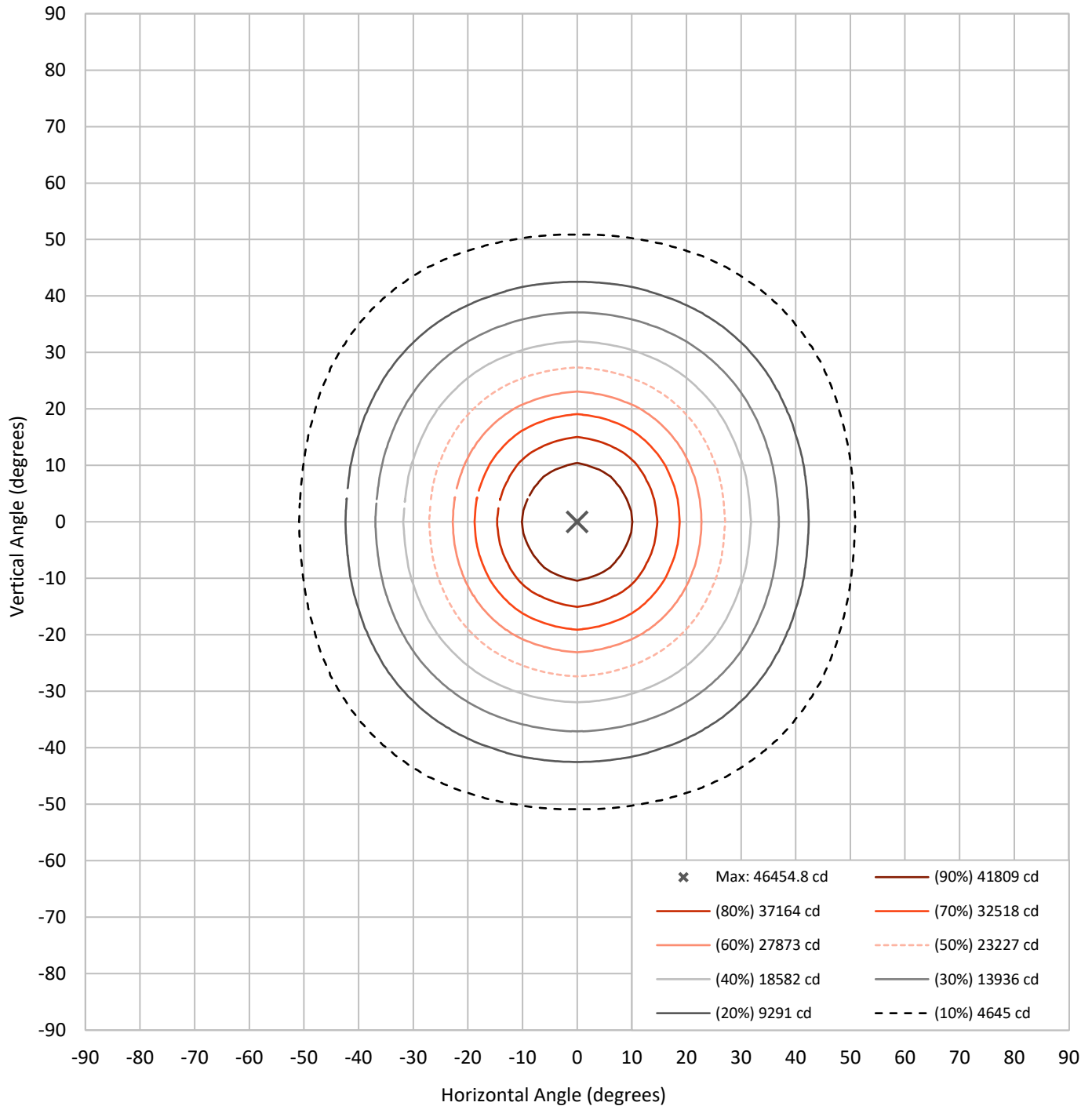
Test Method: LM-79-08
Report Number: P624802 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-765-3)
Test Lab: INNOVATION CENTER
Issue Date: 11/8/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-VN-08-E-PRO-5700K-66
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:	48170.1 lumens	Max Intensity:	46454.8 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:	23164.3 lumens	Field Lumens:	42274.7 lumens
Beam Efficiency:	48.1%	Field Efficiency:	87.8%
Input Watts (W):	378		
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: P624802 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-VN-08-E-PRO-5700K-66

Iso-Candela Plot





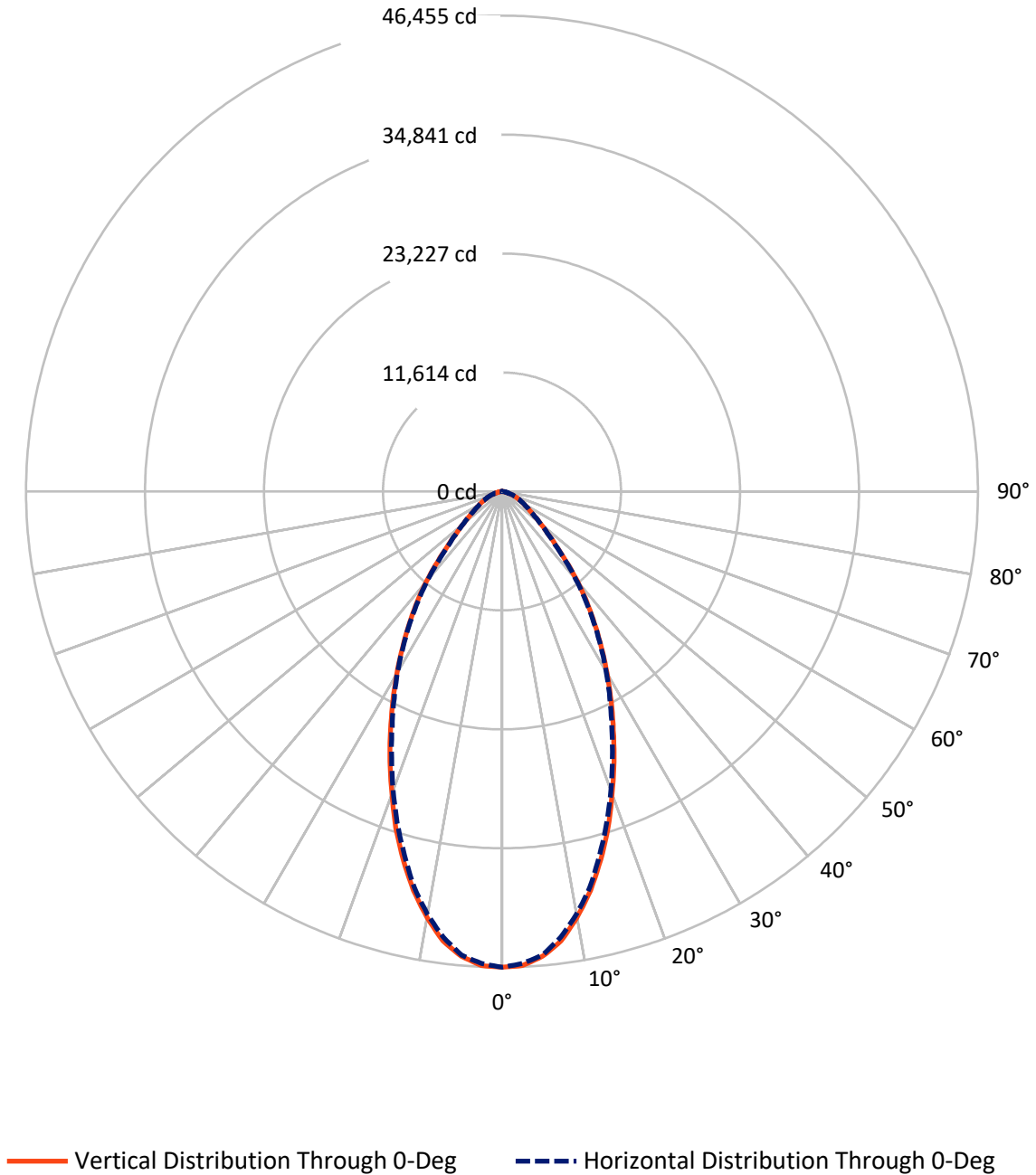
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Lumen Table

90																			
80	3.4	20.7		41.6		63.3		54.2		63.3		41.6		20.7		3.4			
70																			
60	8.5	9.0	16.0	24.4	34.2	43.7	50.9	54.5	54.5	50.9	43.7	34.2	24.4	16.0	9.0	8.5			
50		12.0	22.8	37.4	56.1	76.5	94.8	105.7	105.7	94.8	76.5	56.1	37.4	22.8	12.0				
40	11.4	15.0	30.6	55.2	91.5	140.3	193.2	229.0	229.0	193.2	140.3	91.5	55.2	30.6	15.0	11.4			
30		17.8	39.4	79.4	152.3	269.4	391.7	467.3	467.3	391.7	269.4	152.3	79.4	39.4	17.8				
20	13.2	20.5	48.5	110.1	243.7	439.9	631.9	758.3	758.3	631.9	439.9	243.7	110.1	48.5	20.5	13.2			
10		22.6	56.7	141.5	332.0	592.3	877.0	1083.0	1083.0	877.0	592.3	332.0	141.5	56.7	22.6				
0	13.8	23.8	61.5	162.2	382.8	687.0	1046.2	1315.0	1315.0	1046.2	687.0	382.8	162.2	61.5	23.8	13.8			
-10		23.8	61.5	162.2	382.8	687.0	1046.2	1315.0	1315.0	1046.2	687.0	382.8	162.2	61.5	23.8				
-20	13.2	22.6	56.7	141.5	332.0	592.3	877.0	1083.0	1083.0	877.0	592.3	332.0	141.5	56.7	22.6	13.2			
-30		20.5	48.5	110.1	243.7	439.9	631.9	758.3	758.3	631.9	439.9	243.7	110.1	48.5	20.5				
-40	11.4	17.8	39.4	79.4	152.3	269.4	391.7	467.3	467.3	391.7	269.4	152.3	79.4	39.4	17.8	11.4			
-50		15.0	30.6	55.2	91.5	140.3	193.2	229.0	229.0	193.2	140.3	91.5	55.2	30.6	15.0				
-60	8.5	12.0	22.8	37.4	56.1	76.5	94.8	105.7	105.7	94.8	76.5	56.1	37.4	22.8	12.0	8.5			
-70		9.0	16.0	24.4	34.2	43.7	50.9	54.5	54.5	50.9	43.7	34.2	24.4	16.0	9.0				
-80																			
-90	3.4	20.7		41.6		63.3		54.2		63.3		41.6		20.7		3.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

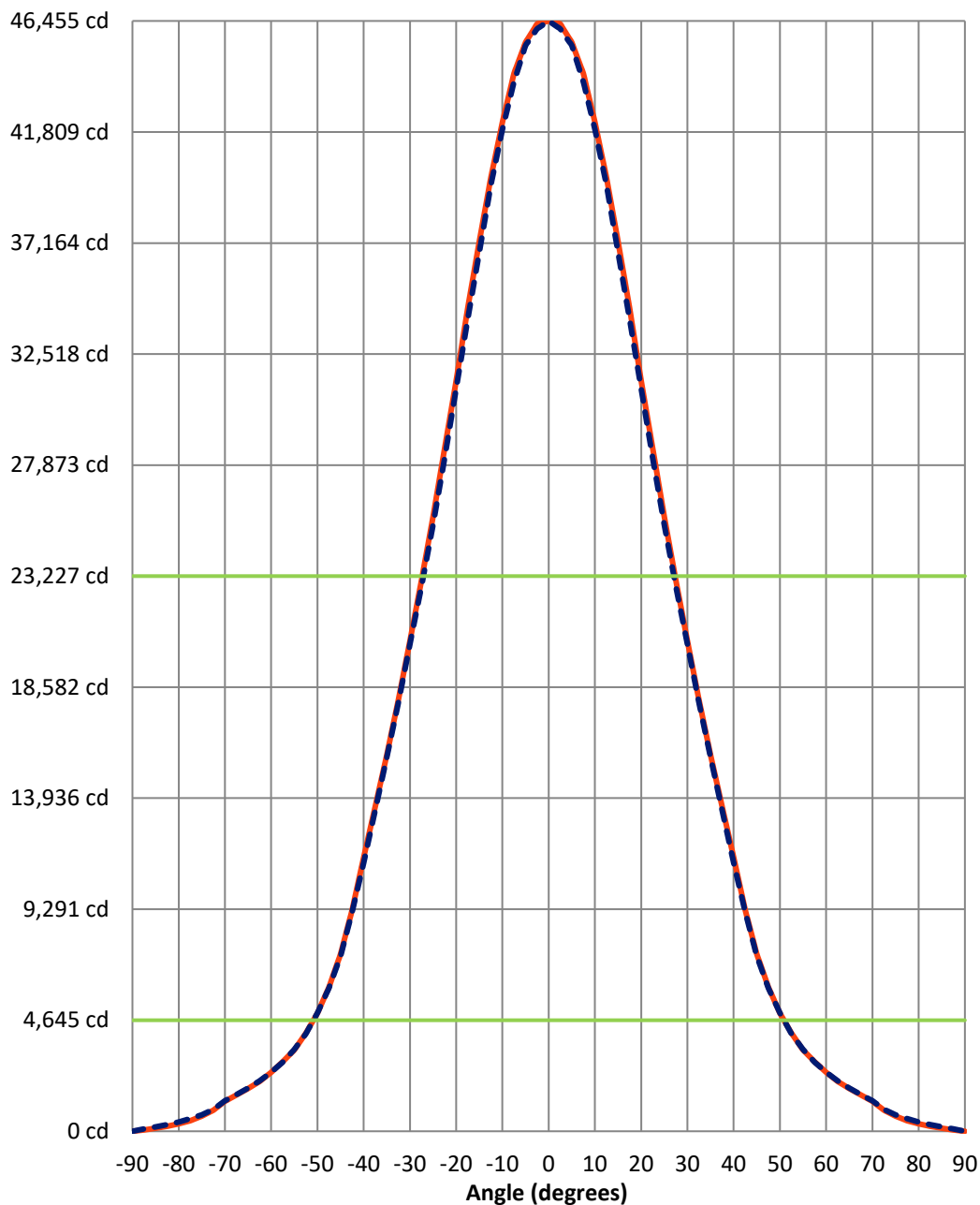
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 54.2°
 V Angle: 54.7°
 Lumens: 23164.3
 Efficiency: 48.1%

Field:
 H Angle: 101.7°
 V Angle: 101.8°
 Lumens: 42274.7
 Efficiency: 87.8%

Spill:
 Lumens: 5895.4
 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	4.9	10.8	18.6	27.9	38.8	51.2	58.4	65.2	71.5	77.4
85°	0.0	9.7	21.5	37.0	55.7	77.4	102.2	116.8	130.3	142.9	154.7
82.5°	0.0	14.5	32.2	55.4	83.2	115.7	152.6	175.0	194.9	211.9	228.0
80°	0.0	19.3	42.8	73.5	110.4	153.4	201.7	229.4	253.8	276.9	298.8
77.5°	0.0	24.0	53.2	91.3	137.1	188.5	245.3	281.6	312.5	341.7	373.0
75°	0.0	28.7	63.5	108.7	162.3	219.3	287.5	333.6	370.7	410.2	457.0
72.5°	0.0	33.3	73.6	125.7	182.5	248.9	328.1	383.2	426.4	478.3	538.8
70°	0.0	37.8	83.5	141.4	201.9	277.2	365.9	426.3	480.3	543.8	595.3
67.5°	0.0	42.2	93.1	152.9	220.4	304.0	394.5	467.8	531.9	589.4	645.4
65°	0.0	46.6	102.5	163.9	237.8	327.3	421.7	507.5	572.1	634.2	696.9
62.5°	0.0	50.8	111.6	174.2	254.0	347.3	447.3	543.2	611.6	679.5	752.4
60°	0.0	54.8	120.3	183.7	269.0	366.0	471.2	577.3	650.2	728.4	806.7
57.5°	0.0	58.8	126.0	192.5	282.0	383.3	493.4	608.5	691.6	776.1	862.2
55°	0.0	62.6	131.6	200.5	294.1	399.2	514.1	633.2	732.8	823.4	917.8
52.5°	0.0	66.2	136.8	207.6	305.1	413.9	533.3	659.2	772.6	873.1	972.5
50°	0.0	69.7	141.9	213.8	315.0	428.3	550.9	683.5	812.6	921.7	1032.7
47.5°	0.0	73.0	146.7	219.4	323.8	441.4	567.2	705.4	854.9	969.0	1092.2
45°	0.0	76.2	151.3	225.1	331.5	453.1	583.8	725.1	884.5	1020.8	1149.8
42.5°	0.0	79.1	155.6	230.0	338.1	463.5	598.5	746.3	911.9	1070.9	1206.6
40°	0.0	81.9	159.6	236.3	344.4	472.4	611.3	768.3	939.3	1117.5	1260.8
37.5°	0.0	84.5	163.4	243.0	350.5	480.0	622.1	788.5	969.1	1152.5	1312.2
35°	0.0	86.9	166.9	249.3	355.5	487.0	630.9	806.8	997.4	1189.5	1364.0
32.5°	0.0	89.1	170.0	255.0	359.5	493.0	639.7	823.2	1024.2	1228.3	1417.1
30°	0.0	91.1	172.9	260.1	362.3	497.4	651.3	838.9	1049.3	1268.4	1467.6
27.5°	0.0	92.9	175.5	264.7	369.1	500.2	661.0	857.2	1075.5	1309.6	1515.5
25°	0.0	94.5	177.8	268.7	375.5	501.5	668.8	873.5	1105.6	1348.9	1560.6
22.5°	0.0	95.8	179.8	272.1	380.9	503.8	674.6	887.5	1134.9	1384.7	1606.6
20°	0.0	97.0	181.4	274.9	385.3	511.1	678.4	899.3	1162.9	1417.2	1647.9
17.5°	0.0	98.0	182.8	277.2	388.7	517.5	685.5	908.7	1189.3	1446.4	1684.5
15°	0.0	98.7	183.8	278.9	391.1	522.7	693.2	917.5	1213.5	1472.0	1716.1
12.5°	0.0	99.3	184.5	280.1	392.6	526.9	698.3	925.7	1235.1	1494.0	1742.8
10°	0.0	99.6	184.9	280.6	393.1	530.0	700.8	930.4	1252.8	1510.8	1764.8
7.5°	0.0	99.8	184.9	280.6	392.7	531.8	700.9	931.7	1266.3	1523.3	1782.8
5°	0.0	99.7	184.6	280.0	391.4	532.4	698.7	929.6	1275.1	1531.5	1795.9
2.5°	0.0	99.4	184.0	278.9	389.2	531.7	694.3	924.3	1278.8	1535.3	1804.0
0°	0.0	99.0	183.1	277.2	386.1	529.6	688.0	915.7	1277.1	1534.5	1806.7
-2.5°	0.0	99.4	184.0	278.9	389.2	531.7	694.3	924.3	1278.8	1535.3	1804.0
-5°	0.0	99.7	184.6	280.0	391.4	532.4	698.7	929.6	1275.1	1531.5	1795.9
-7.5°	0.0	99.8	184.9	280.6	392.7	531.8	700.9	931.7	1266.3	1523.3	1782.8
-10°	0.0	99.6	184.9	280.6	393.1	530.0	700.8	930.4	1252.8	1510.8	1764.8
-12.5°	0.0	99.3	184.5	280.1	392.6	526.9	698.3	925.7	1235.1	1494.0	1742.8
-15°	0.0	98.7	183.8	278.9	391.1	522.7	693.2	917.5	1213.5	1472.0	1716.1
-17.5°	0.0	98.0	182.8	277.2	388.7	517.5	685.5	908.7	1189.3	1446.4	1684.5
-20°	0.0	97.0	181.4	274.9	385.3	511.1	678.4	899.3	1162.9	1417.2	1647.9

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Scaled Data Report



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CATALOG NUMBER: EPH-VN-08-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	95.8	179.8	272.1	380.9	503.8	674.6	887.5	1134.9	1384.7	1606.6
-25°	0.0	94.5	177.8	268.7	375.5	501.5	668.8	873.5	1105.6	1348.9	1560.6
-27.5°	0.0	92.9	175.5	264.7	369.1	500.2	661.0	857.2	1075.5	1309.6	1515.5
-30°	0.0	91.1	172.9	260.1	362.3	497.4	651.3	838.9	1049.3	1268.4	1467.6
-32.5°	0.0	89.1	170.0	255.0	359.5	493.0	639.7	823.2	1024.2	1228.3	1417.1
-35°	0.0	86.9	166.9	249.3	355.5	487.0	630.9	806.8	997.4	1189.5	1364.0
-37.5°	0.0	84.5	163.4	243.0	350.5	480.0	622.1	788.5	969.1	1152.5	1312.2
-40°	0.0	81.9	159.6	236.3	344.4	472.4	611.3	768.3	939.3	1117.5	1260.8
-42.5°	0.0	79.1	155.6	230.0	338.1	463.5	598.5	746.3	911.9	1070.9	1206.6
-45°	0.0	76.2	151.3	225.1	331.5	453.1	583.8	725.1	884.5	1020.8	1149.8
-47.5°	0.0	73.0	146.7	219.4	323.8	441.4	567.2	705.4	854.9	969.0	1092.2
-50°	0.0	69.7	141.9	213.8	315.0	428.3	550.9	683.5	812.6	921.7	1032.7
-52.5°	0.0	66.2	136.8	207.6	305.1	413.9	533.3	659.2	772.6	873.1	972.5
-55°	0.0	62.6	131.6	200.5	294.1	399.2	514.1	633.2	732.8	823.4	917.8
-57.5°	0.0	58.8	126.0	192.5	282.0	383.3	493.4	608.5	691.6	776.1	862.2
-60°	0.0	54.8	120.3	183.7	269.0	366.0	471.2	577.3	650.2	728.4	806.7
-62.5°	0.0	50.8	111.6	174.2	254.0	347.3	447.3	543.2	611.6	679.5	752.4
-65°	0.0	46.6	102.5	163.9	237.8	327.3	421.7	507.5	572.1	634.2	696.9
-67.5°	0.0	42.2	93.1	152.9	220.4	304.0	394.5	467.8	531.9	589.4	645.4
-70°	0.0	37.8	83.5	141.4	201.9	277.2	365.9	426.3	480.3	543.8	595.3
-72.5°	0.0	33.3	73.6	125.7	182.5	248.9	328.1	383.2	426.4	478.3	538.8
-75°	0.0	28.7	63.5	108.7	162.3	219.3	287.5	333.6	370.7	410.2	457.0
-77.5°	0.0	24.0	53.2	91.3	137.1	188.5	245.3	281.6	312.5	341.7	373.0
-80°	0.0	19.3	42.8	73.5	110.4	153.4	201.7	229.4	253.8	276.9	298.8
-82.5°	0.0	14.5	32.2	55.4	83.2	115.7	152.6	175.0	194.9	211.9	228.0
-85°	0.0	9.7	21.5	37.0	55.7	77.4	102.2	116.8	130.3	142.9	154.7
-87.5°	0.0	4.9	10.8	18.6	27.9	38.8	51.2	58.4	65.2	71.5	77.4
-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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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°	82.8	87.8	92.4	96.5	94.2	90.7	86.2	80.6	90.2	100.4	110.8
85°	165.6	175.7	183.7	190.9	186.4	179.8	171.5	161.7	181.1	202.9	225.5
82.5°	242.7	256.1	268.2	278.9	274.9	266.9	256.5	243.1	270.2	303.1	337.2
80°	318.6	336.4	355.7	371.6	368.8	358.3	343.1	323.4	354.3	400.2	446.4
77.5°	404.6	430.7	452.2	469.3	466.7	458.0	449.0	439.7	473.8	521.4	565.3
75°	496.4	525.6	544.1	564.7	572.6	571.4	570.7	579.9	621.0	674.2	720.5
72.5°	575.4	598.7	626.2	657.6	676.1	689.4	712.1	743.5	783.1	825.5	864.2
70°	636.3	668.9	705.5	741.2	772.8	804.1	838.8	875.5	916.3	960.6	1002.2
67.5°	696.5	740.1	782.5	824.3	867.1	909.0	953.6	1000.4	1044.5	1093.8	1143.0
65°	761.7	810.8	860.6	910.6	959.9	1017.4	1072.5	1123.8	1178.8	1240.1	1298.2
62.5°	824.4	882.7	939.4	999.5	1066.4	1130.9	1194.2	1259.0	1324.5	1399.2	1471.8
60°	886.1	953.9	1022.9	1097.4	1172.1	1245.1	1317.9	1402.0	1487.7	1570.9	1659.9
57.5°	947.3	1029.5	1111.1	1194.1	1276.9	1360.1	1458.9	1555.5	1659.0	1762.0	1862.9
55°	1011.1	1108.2	1198.9	1291.2	1386.9	1494.1	1604.2	1721.4	1837.0	1971.0	2095.9
52.5°	1079.5	1184.7	1287.8	1392.3	1507.9	1629.9	1758.1	1896.1	2045.8	2195.5	2351.7
50°	1146.4	1262.5	1377.1	1500.4	1631.5	1771.3	1925.1	2090.5	2266.3	2442.9	2632.4
47.5°	1214.0	1337.6	1472.9	1608.7	1760.6	1926.2	2104.8	2302.3	2499.1	2724.3	2944.6
45°	1279.8	1417.5	1563.0	1725.3	1897.0	2089.6	2300.9	2519.4	2771.5	3025.5	3303.5
42.5°	1342.7	1497.2	1662.6	1838.3	2044.2	2262.8	2496.3	2771.7	3055.5	3363.8	3702.7
40°	1411.6	1574.3	1760.8	1967.6	2190.8	2437.2	2721.8	3026.8	3368.6	3743.7	4138.4
37.5°	1478.5	1660.3	1859.1	2089.2	2344.9	2626.6	2943.2	3312.2	3712.1	4142.4	4663.7
35°	1542.2	1741.9	1964.6	2213.5	2487.8	2824.7	3198.1	3607.7	4073.5	4617.9	5228.0
32.5°	1608.3	1818.9	2063.1	2338.0	2654.6	3023.0	3445.9	3932.3	4482.2	5103.0	5864.8
30°	1673.9	1901.9	2159.1	2454.4	2812.3	3231.9	3717.8	4257.7	4891.6	5676.4	6582.5
27.5°	1734.8	1979.2	2258.4	2581.7	2964.4	3424.4	3975.5	4616.1	5365.2	6252.4	7310.6
25°	1790.9	2050.9	2349.5	2704.3	3127.9	3633.2	4231.3	4940.1	5837.3	6883.8	8143.1
22.5°	1846.0	2116.6	2435.2	2814.4	3275.1	3835.7	4507.9	5316.1	6301.6	7467.7	8948.1
20°	1899.3	2187.0	2523.2	2923.4	3407.5	4018.6	4759.9	5665.1	6783.1	8158.4	9800.2
17.5°	1946.5	2249.7	2608.1	3038.5	3561.5	4206.6	4995.5	5970.9	7219.2	8792.4	10623.4
15°	1987.5	2304.6	2682.2	3139.4	3701.4	4394.9	5248.3	6312.5	7679.1	9390.5	11337.1
12.5°	2022.1	2351.2	2745.2	3225.6	3820.4	4553.5	5464.8	6619.7	8121.1	9956.6	11954.9
10°	2050.2	2389.4	2796.8	3296.6	3918.1	4682.0	5643.0	6867.8	8482.3	10412.4	12467.8
7.5°	2074.4	2421.1	2837.1	3352.2	3994.0	4780.2	5781.4	7056.1	8761.8	10769.2	12866.3
5°	2092.5	2446.3	2867.0	3392.7	4045.7	4856.4	5883.1	7184.9	8957.4	11023.0	13146.8
2.5°	2104.0	2462.6	2884.8	3417.1	4073.4	4917.8	5959.7	7284.4	9104.2	11180.0	13337.1
0°	2108.7	2470.0	2890.7	3425.3	4078.7	4949.9	5994.3	7325.9	9172.2	11231.3	13434.0
-2.5°	2104.0	2462.6	2884.8	3417.1	4073.4	4917.8	5959.7	7284.4	9104.2	11180.0	13337.1
-5°	2092.5	2446.3	2867.0	3392.7	4045.7	4856.4	5883.1	7184.9	8957.4	11023.0	13146.8
-7.5°	2074.4	2421.1	2837.1	3352.2	3994.0	4780.2	5781.4	7056.1	8761.8	10769.2	12866.3
-10°	2050.2	2389.4	2796.8	3296.6	3918.1	4682.0	5643.0	6867.8	8482.3	10412.4	12467.8
-12.5°	2022.1	2351.2	2745.2	3225.6	3820.4	4553.5	5464.8	6619.7	8121.1	9956.6	11954.9
-15°	1987.5	2304.6	2682.2	3139.4	3701.4	4394.9	5248.3	6312.5	7679.1	9390.5	11337.1
-17.5°	1946.5	2249.7	2608.1	3038.5	3561.5	4206.6	4995.5	5970.9	7219.2	8792.4	10623.4
-20°	1899.3	2187.0	2523.2	2923.4	3407.5	4018.6	4759.9	5665.1	6783.1	8158.4	9800.2

Classified

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

Scaled Data Report



REPORT NUMBER: P624802 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-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°	1846.0	2116.6	2435.2	2814.4	3275.1	3835.7	4507.9	5316.1	6301.6	7467.7	8948.1
-25°	1790.9	2050.9	2349.5	2704.3	3127.9	3633.2	4231.3	4940.1	5837.3	6883.8	8143.1
-27.5°	1734.8	1979.2	2258.4	2581.7	2964.4	3424.4	3975.5	4616.1	5365.2	6252.4	7310.6
-30°	1673.9	1901.9	2159.1	2454.4	2812.3	3231.9	3717.8	4257.7	4891.6	5676.4	6582.5
-32.5°	1608.3	1818.9	2063.1	2338.0	2654.6	3023.0	3445.9	3932.3	4482.2	5103.0	5864.8
-35°	1542.2	1741.9	1964.6	2213.5	2487.8	2824.7	3198.1	3607.7	4073.5	4617.9	5228.0
-37.5°	1478.5	1660.3	1859.1	2089.2	2344.9	2626.6	2943.2	3312.2	3712.1	4142.4	4663.7
-40°	1411.6	1574.3	1760.8	1967.6	2190.8	2437.2	2721.8	3026.8	3368.6	3743.7	4138.4
-42.5°	1342.7	1497.2	1662.6	1838.3	2044.2	2262.8	2496.3	2771.7	3055.5	3363.8	3702.7
-45°	1279.8	1417.5	1563.0	1725.3	1897.0	2089.6	2300.9	2519.4	2771.5	3025.5	3303.5
-47.5°	1214.0	1337.6	1472.9	1608.7	1760.6	1926.2	2104.8	2302.3	2499.1	2724.3	2944.6
-50°	1146.4	1262.5	1377.1	1500.4	1631.5	1771.3	1925.1	2090.5	2266.3	2442.9	2632.4
-52.5°	1079.5	1184.7	1287.8	1392.3	1507.9	1629.9	1758.1	1896.1	2045.8	2195.5	2351.7
-55°	1011.1	1108.2	1198.9	1291.2	1386.9	1494.1	1604.2	1721.4	1837.0	1971.0	2095.9
-57.5°	947.3	1029.5	1111.1	1194.1	1276.9	1360.1	1458.9	1555.5	1659.0	1762.0	1862.9
-60°	886.1	953.9	1022.9	1097.4	1172.1	1245.1	1317.9	1402.0	1487.7	1570.9	1659.9
-62.5°	824.4	882.7	939.4	999.5	1066.4	1130.9	1194.2	1259.0	1324.5	1399.2	1471.8
-65°	761.7	810.8	860.6	910.6	959.9	1017.4	1072.5	1123.8	1178.8	1240.1	1298.2
-67.5°	696.5	740.1	782.5	824.3	867.1	909.0	953.6	1000.4	1044.5	1093.8	1143.0
-70°	636.3	668.9	705.5	741.2	772.8	804.1	838.8	875.5	916.3	960.6	1002.2
-72.5°	575.4	598.7	626.2	657.6	676.1	689.4	712.1	743.5	783.1	825.5	864.2
-75°	496.4	525.6	544.1	564.7	572.6	571.4	570.7	579.9	621.0	674.2	720.5
-77.5°	404.6	430.7	452.2	469.3	466.7	458.0	449.0	439.7	473.8	521.4	565.3
-80°	318.6	336.4	355.7	371.6	368.8	358.3	343.1	323.4	354.3	400.2	446.4
-82.5°	242.7	256.1	268.2	278.9	274.9	266.9	256.5	243.1	270.2	303.1	337.2
-85°	165.6	175.7	183.7	190.9	186.4	179.8	171.5	161.7	181.1	202.9	225.5
-87.5°	82.8	87.8	92.4	96.5	94.2	90.7	86.2	80.6	90.2	100.4	110.8
-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: P624802 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-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°	121.6	122.1	122.2	121.8	121.1	123.4	125.5	127.4	129.0	114.8	100.0
85°	248.9	251.2	251.8	251.5	250.5	252.2	253.4	253.8	253.6	227.7	200.2
82.5°	372.2	385.1	396.7	409.3	422.6	421.2	416.4	409.5	400.8	361.0	317.9
80°	489.8	512.3	529.6	545.4	559.6	555.9	548.9	541.0	532.3	486.9	436.5
77.5°	609.3	637.6	657.9	675.3	689.7	691.7	689.8	686.7	682.3	636.8	583.2
75°	760.2	786.4	806.2	825.9	845.3	855.6	860.3	862.9	863.3	822.7	770.2
72.5°	899.2	929.9	959.2	987.9	1014.5	1031.8	1043.4	1054.1	1063.6	1043.4	1012.5
70°	1042.2	1080.1	1115.4	1149.4	1182.9	1210.0	1229.3	1245.4	1258.1	1262.3	1264.4
67.5°	1192.9	1239.1	1283.0	1324.4	1365.5	1400.6	1427.0	1450.8	1471.6	1487.5	1498.1
65°	1355.3	1413.5	1468.5	1518.1	1562.5	1607.3	1645.4	1678.8	1707.4	1730.2	1747.3
62.5°	1540.0	1608.6	1674.8	1735.0	1789.1	1843.7	1898.0	1945.3	1985.7	2018.5	2043.3
60°	1743.5	1821.7	1906.9	1987.3	2061.9	2130.8	2198.1	2257.4	2309.0	2352.8	2389.1
57.5°	1970.9	2072.1	2171.9	2275.6	2368.2	2449.7	2535.2	2619.7	2692.5	2753.5	2803.8
55°	2223.3	2353.5	2477.6	2604.8	2727.9	2840.9	2948.0	3060.2	3157.1	3238.3	3305.0
52.5°	2500.0	2669.3	2830.6	2985.1	3151.5	3303.7	3441.0	3589.4	3724.2	3838.9	3939.3
50°	2828.1	3024.7	3236.7	3436.2	3651.3	3859.7	4047.4	4238.7	4427.5	4587.3	4722.4
47.5°	3190.7	3430.6	3706.5	3982.2	4245.5	4530.1	4793.3	5038.6	5294.5	5513.1	5695.7
45°	3590.8	3918.5	4249.1	4614.2	4950.4	5332.5	5691.6	6011.9	6369.7	6689.6	6957.0
42.5°	4061.3	4475.7	4892.0	5361.7	5819.9	6301.6	6809.9	7267.0	7743.8	8205.3	8592.3
40°	4616.1	5108.5	5683.1	6248.5	6883.1	7489.7	8209.7	8851.2	9454.6	10044.2	10541.9
37.5°	5231.8	5882.9	6589.1	7307.1	8174.5	9024.6	9870.9	10669.7	11389.1	12048.5	12571.8
35°	5938.3	6755.1	7598.4	8644.8	9671.4	10713.5	11681.8	12593.2	13410.7	14076.9	14631.8
32.5°	6753.6	7719.1	8880.4	10093.0	11286.2	12440.6	13528.3	14496.1	15348.7	16109.6	16764.5
30°	7613.0	8869.8	10227.0	11583.4	12886.3	14137.5	15302.9	16389.7	17379.8	18234.5	18966.5
27.5°	8622.1	10078.3	11589.3	13041.4	14441.1	15789.8	17115.9	18352.4	19437.6	20336.6	21249.0
25°	9623.0	11291.3	12902.8	14443.2	15953.5	17460.9	18924.8	20313.6	21579.7	22686.1	23668.8
22.5°	10679.0	12421.2	14123.4	15757.4	17470.4	19112.4	20709.2	22295.6	23751.5	25020.0	26132.4
20°	11650.4	13457.4	15258.8	17082.8	18936.6	20718.2	22517.8	24229.4	25851.0	27387.5	28651.7
17.5°	12522.9	14428.8	16323.8	18246.1	20269.9	22287.4	24238.3	26094.4	27945.7	29732.3	31216.8
15°	13302.1	15300.5	17247.5	19339.4	21520.8	23693.4	25866.0	27913.9	29997.4	31975.5	33736.8
12.5°	13989.9	16051.3	18120.6	20344.6	22631.1	24894.9	27273.3	29649.4	31960.0	34094.6	36007.6
10°	14556.3	16703.4	18919.7	21226.0	23594.1	25988.4	28549.2	31097.8	33662.5	35930.3	38011.0
7.5°	14990.6	17189.8	19507.8	21901.8	24404.9	26960.8	29640.5	32328.6	34946.1	37383.4	39559.6
5°	15293.4	17517.0	19896.2	22341.7	24946.3	27622.3	30477.7	33341.9	36014.2	38534.4	40763.5
2.5°	15504.8	17735.4	20141.6	22586.6	25238.8	28010.0	30872.1	33842.5	36577.3	39163.3	41644.8
0°	15646.6	17928.5	20378.8	22794.3	25373.2	28155.0	31070.5	33971.2	36772.8	39584.4	41915.8
-2.5°	15504.8	17735.4	20141.6	22586.6	25238.8	28010.0	30872.1	33842.5	36577.3	39163.3	41644.8
-5°	15293.4	17517.0	19896.2	22341.7	24946.3	27622.3	30477.7	33341.9	36014.2	38534.4	40763.5
-7.5°	14990.6	17189.8	19507.8	21901.8	24404.9	26960.8	29640.5	32328.6	34946.1	37383.4	39559.6
-10°	14556.3	16703.4	18919.7	21226.0	23594.1	25988.4	28549.2	31097.8	33662.5	35930.3	38011.0
-12.5°	13989.9	16051.3	18120.6	20344.6	22631.1	24894.9	27273.3	29649.4	31960.0	34094.6	36007.6
-15°	13302.1	15300.5	17247.5	19339.4	21520.8	23693.4	25866.0	27913.9	29997.4	31975.5	33736.8
-17.5°	12522.9	14428.8	16323.8	18246.1	20269.9	22287.4	24238.3	26094.4	27945.7	29732.3	31216.8
-20°	11650.4	13457.4	15258.8	17082.8	18936.6	20718.2	22517.8	24229.4	25851.0	27387.5	28651.7

Classified

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

Scaled Data Report



REPORT NUMBER: P624802 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-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°	10679.0	12421.2	14123.4	15757.4	17470.4	19112.4	20709.2	22295.6	23751.5	25020.0	26132.4
-25°	9623.0	11291.3	12902.8	14443.2	15953.5	17460.9	18924.8	20313.6	21579.7	22686.1	23668.8
-27.5°	8622.1	10078.3	11589.3	13041.4	14441.1	15789.8	17115.9	18352.4	19437.6	20336.6	21249.0
-30°	7613.0	8869.8	10227.0	11583.4	12886.3	14137.5	15302.9	16389.7	17379.8	18234.5	18966.5
-32.5°	6753.6	7719.1	8880.4	10093.0	11286.2	12440.6	13528.3	14496.1	15348.7	16109.6	16764.5
-35°	5938.3	6755.1	7598.4	8644.8	9671.4	10713.5	11681.8	12593.2	13410.7	14076.9	14631.8
-37.5°	5231.8	5882.9	6589.1	7307.1	8174.5	9024.6	9870.9	10669.7	11389.1	12048.5	12571.8
-40°	4616.1	5108.5	5683.1	6248.5	6883.1	7489.7	8209.7	8851.2	9454.6	10044.2	10541.9
-42.5°	4061.3	4475.7	4892.0	5361.7	5819.9	6301.6	6809.9	7267.0	7743.8	8205.3	8592.3
-45°	3590.8	3918.5	4249.1	4614.2	4950.4	5332.5	5691.6	6011.9	6369.7	6689.6	6957.0
-47.5°	3190.7	3430.6	3706.5	3982.2	4245.5	4530.1	4793.3	5038.6	5294.5	5513.1	5695.7
-50°	2828.1	3024.7	3236.7	3436.2	3651.3	3859.7	4047.4	4238.7	4427.5	4587.3	4722.4
-52.5°	2500.0	2669.3	2830.6	2985.1	3151.5	3303.7	3441.0	3589.4	3724.2	3838.9	3939.3
-55°	2223.3	2353.5	2477.6	2604.8	2727.9	2840.9	2948.0	3060.2	3157.1	3238.3	3305.0
-57.5°	1970.9	2072.1	2171.9	2275.6	2368.2	2449.7	2535.2	2619.7	2692.5	2753.5	2803.8
-60°	1743.5	1821.7	1906.9	1987.3	2061.9	2130.8	2198.1	2257.4	2309.0	2352.8	2389.1
-62.5°	1540.0	1608.6	1674.8	1735.0	1789.1	1843.7	1898.0	1945.3	1985.7	2018.5	2043.3
-65°	1355.3	1413.5	1468.5	1518.1	1562.5	1607.3	1645.4	1678.8	1707.4	1730.2	1747.3
-67.5°	1192.9	1239.1	1283.0	1324.4	1365.5	1400.6	1427.0	1450.8	1471.6	1487.5	1498.1
-70°	1042.2	1080.1	1115.4	1149.4	1182.9	1210.0	1229.3	1245.4	1258.1	1262.3	1264.4
-72.5°	899.2	929.9	959.2	987.9	1014.5	1031.8	1043.4	1054.1	1063.6	1043.4	1012.5
-75°	760.2	786.4	806.2	825.9	845.3	855.6	860.3	862.9	863.3	822.7	770.2
-77.5°	609.3	637.6	657.9	675.3	689.7	691.7	689.8	686.7	682.3	636.8	583.2
-80°	489.8	512.3	529.6	545.4	559.6	555.9	548.9	541.0	532.3	486.9	436.5
-82.5°	372.2	385.1	396.7	409.3	422.6	421.2	416.4	409.5	400.8	361.0	317.9
-85°	248.9	251.2	251.8	251.5	250.5	252.2	253.4	253.8	253.6	227.7	200.2
-87.5°	121.6	122.1	122.2	121.8	121.1	123.4	125.5	127.4	129.0	114.8	100.0
-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: P624802 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-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°	84.7	69.1	61.8	54.4	61.8	69.1	84.7	100.0	114.8	129.0	127.4
85°	172.0	143.2	136.0	128.7	136.0	143.2	172.0	200.2	227.7	253.6	253.8
82.5°	273.3	227.5	217.7	207.9	217.7	227.5	273.3	317.9	361.0	400.8	409.5
80°	384.7	331.7	321.5	311.8	321.5	331.7	384.7	436.5	486.9	532.3	541.0
77.5°	527.6	470.4	455.1	440.5	455.1	470.4	527.6	583.2	636.8	682.3	686.7
75°	715.3	658.2	645.3	633.6	645.3	658.2	715.3	770.2	822.7	863.3	862.9
72.5°	980.4	946.4	915.6	881.1	915.6	946.4	980.4	1012.5	1043.4	1063.6	1054.1
70°	1266.8	1268.0	1262.7	1252.3	1262.7	1268.0	1266.8	1264.4	1262.3	1258.1	1245.4
67.5°	1504.8	1507.3	1514.7	1519.6	1514.7	1507.3	1504.8	1498.1	1487.5	1471.6	1450.8
65°	1759.8	1767.4	1778.7	1786.9	1778.7	1767.4	1759.8	1747.3	1730.2	1707.4	1678.8
62.5°	2061.0	2071.5	2080.5	2083.9	2080.5	2071.5	2061.0	2043.3	2018.5	1985.7	1945.3
60°	2417.4	2437.3	2454.7	2465.1	2454.7	2437.3	2417.4	2389.1	2352.8	2309.0	2257.4
57.5°	2841.9	2867.9	2892.7	2910.5	2892.7	2867.9	2841.9	2803.8	2753.5	2692.5	2619.7
55°	3355.7	3390.2	3404.8	3400.6	3404.8	3390.2	3355.7	3305.0	3238.3	3157.1	3060.2
52.5°	4021.9	4083.9	4110.3	4103.5	4110.3	4083.9	4021.9	3939.3	3838.9	3724.2	3589.4
50°	4829.2	4904.5	4940.9	4940.0	4940.9	4904.5	4829.2	4722.4	4587.3	4427.5	4238.7
47.5°	5841.0	5945.0	6009.1	6033.9	6009.1	5945.0	5841.0	5695.7	5513.1	5294.5	5038.6
45°	7168.8	7321.6	7405.3	7415.0	7405.3	7321.6	7168.8	6957.0	6689.6	6369.7	6011.9
42.5°	8890.9	9104.3	9227.3	9256.3	9227.3	9104.3	8890.9	8592.3	8205.3	7743.8	7267.0
40°	10914.0	11175.0	11346.0	11459.0	11346.0	11175.0	10914.0	10541.9	10044.2	9454.6	8851.2
37.5°	12997.0	13336.4	13552.9	13587.5	13552.9	13336.4	12997.0	12571.8	12048.5	11389.1	10669.7
35°	15094.3	15442.8	15654.3	15745.6	15654.3	15442.8	15094.3	14631.8	14076.9	13410.7	12593.2
32.5°	17284.1	17678.2	17923.2	18047.3	17923.2	17678.2	17284.1	16764.5	16109.6	15348.7	14496.1
30°	19571.5	20041.1	20341.5	20512.4	20341.5	20041.1	19571.5	18966.5	18234.5	17379.8	16389.7
27.5°	21976.9	22538.4	22909.8	23051.7	22909.8	22538.4	21976.9	21249.0	20336.6	19437.6	18352.4
25°	24457.3	25064.5	25481.1	25714.7	25481.1	25064.5	24457.3	23668.8	22686.1	21579.7	20313.6
22.5°	27047.8	27768.8	28307.5	28565.9	28307.5	27768.8	27047.8	26132.4	25020.0	23751.5	22295.6
20°	29719.4	30508.1	31132.7	31402.2	31132.7	30508.1	29719.4	28651.7	27387.5	25851.0	24229.4
17.5°	32442.7	33402.8	34102.0	34441.4	34102.0	33402.8	32442.7	31216.8	29732.3	27945.7	26094.4
15°	35085.3	36103.2	36861.3	37228.2	36861.3	36103.2	35085.3	33736.8	31975.5	29997.4	27913.9
12.5°	37533.6	38614.2	39372.6	39901.2	39372.6	38614.2	37533.6	36007.6	34094.6	31960.0	29649.4
10°	39721.0	40899.6	41669.7	42217.7	41669.7	40899.6	39721.0	38011.0	35930.3	33662.5	31097.8
7.5°	41360.0	42849.8	43718.8	44257.1	43718.8	42849.8	41360.0	39559.6	37383.4	34946.1	32328.6
5°	42620.7	44261.1	45049.1	45558.9	45049.1	44261.1	42620.7	40763.5	38534.4	36014.2	33341.9
2.5°	43541.1	44834.5	45822.9	46331.1	45822.9	44834.5	43541.1	41644.8	39163.3	36577.3	33842.5
0°	43900.7	45425.3	46123.2	46454.8	46123.2	45425.3	43900.7	41915.8	39584.4	36772.8	33971.2
-2.5°	43541.1	44834.5	45822.9	46331.1	45822.9	44834.5	43541.1	41644.8	39163.3	36577.3	33842.5
-5°	42620.7	44261.1	45049.1	45558.9	45049.1	44261.1	42620.7	40763.5	38534.4	36014.2	33341.9
-7.5°	41360.0	42849.8	43718.8	44257.1	43718.8	42849.8	41360.0	39559.6	37383.4	34946.1	32328.6
-10°	39721.0	40899.6	41669.7	42217.7	41669.7	40899.6	39721.0	38011.0	35930.3	33662.5	31097.8
-12.5°	37533.6	38614.2	39372.6	39901.2	39372.6	38614.2	37533.6	36007.6	34094.6	31960.0	29649.4
-15°	35085.3	36103.2	36861.3	37228.2	36861.3	36103.2	35085.3	33736.8	31975.5	29997.4	27913.9
-17.5°	32442.7	33402.8	34102.0	34441.4	34102.0	33402.8	32442.7	31216.8	29732.3	27945.7	26094.4
-20°	29719.4	30508.1	31132.7	31402.2	31132.7	30508.1	29719.4	28651.7	27387.5	25851.0	24229.4



REPORT NUMBER: P624802 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-VN-08-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°	27047.8	27768.8	28307.5	28565.9	28307.5	27768.8	27047.8	26132.4	25020.0	23751.5	22295.6
-25°	24457.3	25064.5	25481.1	25714.7	25481.1	25064.5	24457.3	23668.8	22686.1	21579.7	20313.6
-27.5°	21976.9	22538.4	22909.8	23051.7	22909.8	22538.4	21976.9	21249.0	20336.6	19437.6	18352.4
-30°	19571.5	20041.1	20341.5	20512.4	20341.5	20041.1	19571.5	18966.5	18234.5	17379.8	16389.7
-32.5°	17284.1	17678.2	17923.2	18047.3	17923.2	17678.2	17284.1	16764.5	16109.6	15348.7	14496.1
-35°	15094.3	15442.8	15654.3	15745.6	15654.3	15442.8	15094.3	14631.8	14076.9	13410.7	12593.2
-37.5°	12997.0	13336.4	13552.9	13587.5	13552.9	13336.4	12997.0	12571.8	12048.5	11389.1	10669.7
-40°	10914.0	11175.0	11346.0	11459.0	11346.0	11175.0	10914.0	10541.9	10044.2	9454.6	8851.2
-42.5°	8890.9	9104.3	9227.3	9256.3	9227.3	9104.3	8890.9	8592.3	8205.3	7743.8	7267.0
-45°	7168.8	7321.6	7405.3	7415.0	7405.3	7321.6	7168.8	6957.0	6689.6	6369.7	6011.9
-47.5°	5841.0	5945.0	6009.1	6033.9	6009.1	5945.0	5841.0	5695.7	5513.1	5294.5	5038.6
-50°	4829.2	4904.5	4940.9	4940.0	4940.9	4904.5	4829.2	4722.4	4587.3	4427.5	4238.7
-52.5°	4021.9	4083.9	4110.3	4103.5	4110.3	4083.9	4021.9	3939.3	3838.9	3724.2	3589.4
-55°	3355.7	3390.2	3404.8	3400.6	3404.8	3390.2	3355.7	3305.0	3238.3	3157.1	3060.2
-57.5°	2841.9	2867.9	2892.7	2910.5	2892.7	2867.9	2841.9	2803.8	2753.5	2692.5	2619.7
-60°	2417.4	2437.3	2454.7	2465.1	2454.7	2437.3	2417.4	2389.1	2352.8	2309.0	2257.4
-62.5°	2061.0	2071.5	2080.5	2083.9	2080.5	2071.5	2061.0	2043.3	2018.5	1985.7	1945.3
-65°	1759.8	1767.4	1778.7	1786.9	1778.7	1767.4	1759.8	1747.3	1730.2	1707.4	1678.8
-67.5°	1504.8	1507.3	1514.7	1519.6	1514.7	1507.3	1504.8	1498.1	1487.5	1471.6	1450.8
-70°	1266.8	1268.0	1262.7	1252.3	1262.7	1268.0	1266.8	1264.4	1262.3	1258.1	1245.4
-72.5°	980.4	946.4	915.6	881.1	915.6	946.4	980.4	1012.5	1043.4	1063.6	1054.1
-75°	715.3	658.2	645.3	633.6	645.3	658.2	715.3	770.2	822.7	863.3	862.9
-77.5°	527.6	470.4	455.1	440.5	455.1	470.4	527.6	583.2	636.8	682.3	686.7
-80°	384.7	331.7	321.5	311.8	321.5	331.7	384.7	436.5	486.9	532.3	541.0
-82.5°	273.3	227.5	217.7	207.9	217.7	227.5	273.3	317.9	361.0	400.8	409.5
-85°	172.0	143.2	136.0	128.7	136.0	143.2	172.0	200.2	227.7	253.6	253.8
-87.5°	84.7	69.1	61.8	54.4	61.8	69.1	84.7	100.0	114.8	129.0	127.4
-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: P624802 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-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°	125.5	123.4	121.1	121.8	122.2	122.1	121.6	110.8	100.4	90.2	80.6
85°	253.4	252.2	250.5	251.5	251.8	251.2	248.9	225.5	202.9	181.1	161.7
82.5°	416.4	421.2	422.6	409.3	396.7	385.1	372.2	337.2	303.1	270.2	243.1
80°	548.9	555.9	559.6	545.4	529.6	512.3	489.8	446.4	400.2	354.3	323.4
77.5°	689.8	691.7	689.7	675.3	657.9	637.6	609.3	565.3	521.4	473.8	439.7
75°	860.3	855.6	845.3	825.9	806.2	786.4	760.2	720.5	674.2	621.0	579.9
72.5°	1043.4	1031.8	1014.5	987.9	959.2	929.9	899.2	864.2	825.5	783.1	743.5
70°	1229.3	1210.0	1182.9	1149.4	1115.4	1080.1	1042.2	1002.2	960.6	916.3	875.5
67.5°	1427.0	1400.6	1365.5	1324.4	1283.0	1239.1	1192.9	1143.0	1093.8	1044.5	1000.4
65°	1645.4	1607.3	1562.5	1518.1	1468.5	1413.5	1355.3	1298.2	1240.1	1178.8	1123.8
62.5°	1898.0	1843.7	1789.1	1735.0	1674.8	1608.6	1540.0	1471.8	1399.2	1324.5	1259.0
60°	2198.1	2130.8	2061.9	1987.3	1906.9	1821.7	1743.5	1659.9	1570.9	1487.7	1402.0
57.5°	2535.2	2449.7	2368.2	2275.6	2171.9	2072.1	1970.9	1862.9	1762.0	1659.0	1555.5
55°	2948.0	2840.9	2727.9	2604.8	2477.6	2353.5	2223.3	2095.9	1971.0	1837.0	1721.4
52.5°	3441.0	3303.7	3151.5	2985.1	2830.6	2669.3	2500.0	2351.7	2195.5	2045.8	1896.1
50°	4047.4	3859.7	3651.3	3436.2	3236.7	3024.7	2828.1	2632.4	2442.9	2266.3	2090.5
47.5°	4793.3	4530.1	4245.5	3982.2	3706.5	3430.6	3190.7	2944.6	2724.3	2499.1	2302.3
45°	5691.6	5332.5	4950.4	4614.2	4249.1	3918.5	3590.8	3303.5	3025.5	2771.5	2519.4
42.5°	6809.9	6301.6	5819.9	5361.7	4892.0	4475.7	4061.3	3702.7	3363.8	3055.5	2771.7
40°	8209.7	7489.7	6883.1	6248.5	5683.1	5108.5	4616.1	4138.4	3743.7	3368.6	3026.8
37.5°	9870.9	9024.6	8174.5	7307.1	6589.1	5882.9	5231.8	4663.7	4142.4	3712.1	3312.2
35°	11681.8	10713.5	9671.4	8644.8	7598.4	6755.1	5938.3	5228.0	4617.9	4073.5	3607.7
32.5°	13528.3	12440.6	11286.2	10093.0	8880.4	7719.1	6753.6	5864.8	5103.0	4482.2	3932.3
30°	15302.9	14137.5	12886.3	11583.4	10227.0	8869.8	7613.0	6582.5	5676.4	4891.6	4257.7
27.5°	17115.9	15789.8	14441.1	13041.4	11589.3	10078.3	8622.1	7310.6	6252.4	5365.2	4616.1
25°	18924.8	17460.9	15953.5	14443.2	12902.8	11291.3	9623.0	8143.1	6883.8	5837.3	4940.1
22.5°	20709.2	19112.4	17470.4	15757.4	14123.4	12421.2	10679.0	8948.1	7467.7	6301.6	5316.1
20°	22517.8	20718.2	18936.6	17082.8	15258.8	13457.4	11650.4	9800.2	8158.4	6783.1	5665.1
17.5°	24238.3	22287.4	20269.9	18246.1	16323.8	14428.8	12522.9	10623.4	8792.4	7219.2	5970.9
15°	25866.0	23693.4	21520.8	19339.4	17247.5	15300.5	13302.1	11337.1	9390.5	7679.1	6312.5
12.5°	27273.3	24894.9	22631.1	20344.6	18120.6	16051.3	13989.9	11954.9	9956.6	8121.1	6619.7
10°	28549.2	25988.4	23594.1	21226.0	18919.7	16703.4	14556.3	12467.8	10412.4	8482.3	6867.8
7.5°	29640.5	26960.8	24404.9	21901.8	19507.8	17189.8	14990.6	12866.3	10769.2	8761.8	7056.1
5°	30477.7	27622.3	24946.3	22341.7	19896.2	17517.0	15293.4	13146.8	11023.0	8957.4	7184.9
2.5°	30872.1	28010.0	25238.8	22586.6	20141.6	17735.4	15504.8	13337.1	11180.0	9104.2	7284.4
0°	31070.5	28155.0	25373.2	22794.3	20378.8	17928.5	15646.6	13434.0	11231.3	9172.2	7325.9
-2.5°	30872.1	28010.0	25238.8	22586.6	20141.6	17735.4	15504.8	13337.1	11180.0	9104.2	7284.4
-5°	30477.7	27622.3	24946.3	22341.7	19896.2	17517.0	15293.4	13146.8	11023.0	8957.4	7184.9
-7.5°	29640.5	26960.8	24404.9	21901.8	19507.8	17189.8	14990.6	12866.3	10769.2	8761.8	7056.1
-10°	28549.2	25988.4	23594.1	21226.0	18919.7	16703.4	14556.3	12467.8	10412.4	8482.3	6867.8
-12.5°	27273.3	24894.9	22631.1	20344.6	18120.6	16051.3	13989.9	11954.9	9956.6	8121.1	6619.7
-15°	25866.0	23693.4	21520.8	19339.4	17247.5	15300.5	13302.1	11337.1	9390.5	7679.1	6312.5
-17.5°	24238.3	22287.4	20269.9	18246.1	16323.8	14428.8	12522.9	10623.4	8792.4	7219.2	5970.9
-20°	22517.8	20718.2	18936.6	17082.8	15258.8	13457.4	11650.4	9800.2	8158.4	6783.1	5665.1



REPORT NUMBER: P624802 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-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°	20709.2	19112.4	17470.4	15757.4	14123.4	12421.2	10679.0	8948.1	7467.7	6301.6	5316.1
-25°	18924.8	17460.9	15953.5	14443.2	12902.8	11291.3	9623.0	8143.1	6883.8	5837.3	4940.1
-27.5°	17115.9	15789.8	14441.1	13041.4	11589.3	10078.3	8622.1	7310.6	6252.4	5365.2	4616.1
-30°	15302.9	14137.5	12886.3	11583.4	10227.0	8869.8	7613.0	6582.5	5676.4	4891.6	4257.7
-32.5°	13528.3	12440.6	11286.2	10093.0	8880.4	7719.1	6753.6	5864.8	5103.0	4482.2	3932.3
-35°	11681.8	10713.5	9671.4	8644.8	7598.4	6755.1	5938.3	5228.0	4617.9	4073.5	3607.7
-37.5°	9870.9	9024.6	8174.5	7307.1	6589.1	5882.9	5231.8	4663.7	4142.4	3712.1	3312.2
-40°	8209.7	7489.7	6883.1	6248.5	5683.1	5108.5	4616.1	4138.4	3743.7	3368.6	3026.8
-42.5°	6809.9	6301.6	5819.9	5361.7	4892.0	4475.7	4061.3	3702.7	3363.8	3055.5	2771.7
-45°	5691.6	5332.5	4950.4	4614.2	4249.1	3918.5	3590.8	3303.5	3025.5	2771.5	2519.4
-47.5°	4793.3	4530.1	4245.5	3982.2	3706.5	3430.6	3190.7	2944.6	2724.3	2499.1	2302.3
-50°	4047.4	3859.7	3651.3	3436.2	3236.7	3024.7	2828.1	2632.4	2442.9	2266.3	2090.5
-52.5°	3441.0	3303.7	3151.5	2985.1	2830.6	2669.3	2500.0	2351.7	2195.5	2045.8	1896.1
-55°	2948.0	2840.9	2727.9	2604.8	2477.6	2353.5	2223.3	2095.9	1971.0	1837.0	1721.4
-57.5°	2535.2	2449.7	2368.2	2275.6	2171.9	2072.1	1970.9	1862.9	1762.0	1659.0	1555.5
-60°	2198.1	2130.8	2061.9	1987.3	1906.9	1821.7	1743.5	1659.9	1570.9	1487.7	1402.0
-62.5°	1898.0	1843.7	1789.1	1735.0	1674.8	1608.6	1540.0	1471.8	1399.2	1324.5	1259.0
-65°	1645.4	1607.3	1562.5	1518.1	1468.5	1413.5	1355.3	1298.2	1240.1	1178.8	1123.8
-67.5°	1427.0	1400.6	1365.5	1324.4	1283.0	1239.1	1192.9	1143.0	1093.8	1044.5	1000.4
-70°	1229.3	1210.0	1182.9	1149.4	1115.4	1080.1	1042.2	1002.2	960.6	916.3	875.5
-72.5°	1043.4	1031.8	1014.5	987.9	959.2	929.9	899.2	864.2	825.5	783.1	743.5
-75°	860.3	855.6	845.3	825.9	806.2	786.4	760.2	720.5	674.2	621.0	579.9
-77.5°	689.8	691.7	689.7	675.3	657.9	637.6	609.3	565.3	521.4	473.8	439.7
-80°	548.9	555.9	559.6	545.4	529.6	512.3	489.8	446.4	400.2	354.3	323.4
-82.5°	416.4	421.2	422.6	409.3	396.7	385.1	372.2	337.2	303.1	270.2	243.1
-85°	253.4	252.2	250.5	251.5	251.8	251.2	248.9	225.5	202.9	181.1	161.7
-87.5°	125.5	123.4	121.1	121.8	122.2	122.1	121.6	110.8	100.4	90.2	80.6
-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: P624802 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-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°	86.2	90.7	94.2	96.5	92.4	87.8	82.8	77.4	71.5	65.2	58.4
85°	171.5	179.8	186.4	190.9	183.7	175.7	165.6	154.7	142.9	130.3	116.8
82.5°	256.5	266.9	274.9	278.9	268.2	256.1	242.7	228.0	211.9	194.9	175.0
80°	343.1	358.3	368.8	371.6	355.7	336.4	318.6	298.8	276.9	253.8	229.4
77.5°	449.0	458.0	466.7	469.3	452.2	430.7	404.6	373.0	341.7	312.5	281.6
75°	570.7	571.4	572.6	564.7	544.1	525.6	496.4	457.0	410.2	370.7	333.6
72.5°	712.1	689.4	676.1	657.6	626.2	598.7	575.4	538.8	478.3	426.4	383.2
70°	838.8	804.1	772.8	741.2	705.5	668.9	636.3	595.3	543.8	480.3	426.3
67.5°	953.6	909.0	867.1	824.3	782.5	740.1	696.5	645.4	589.4	531.9	467.8
65°	1072.5	1017.4	959.9	910.6	860.6	810.8	761.7	696.9	634.2	572.1	507.5
62.5°	1194.2	1130.9	1066.4	999.5	939.4	882.7	824.4	752.4	679.5	611.6	543.2
60°	1317.9	1245.1	1172.1	1097.4	1022.9	953.9	886.1	806.7	728.4	650.2	577.3
57.5°	1458.9	1360.1	1276.9	1194.1	1111.1	1029.5	947.3	862.2	776.1	691.6	608.5
55°	1604.2	1494.1	1386.9	1291.2	1198.9	1108.2	1011.1	917.8	823.4	732.8	633.2
52.5°	1758.1	1629.9	1507.9	1392.3	1287.8	1184.7	1079.5	972.5	873.1	772.6	659.2
50°	1925.1	1771.3	1631.5	1500.4	1377.1	1262.5	1146.4	1032.7	921.7	812.6	683.5
47.5°	2104.8	1926.2	1760.6	1608.7	1472.9	1337.6	1214.0	1092.2	969.0	854.9	705.4
45°	2300.9	2089.6	1897.0	1725.3	1563.0	1417.5	1279.8	1149.8	1020.8	884.5	725.1
42.5°	2496.3	2262.8	2044.2	1838.3	1662.6	1497.2	1342.7	1206.6	1070.9	911.9	746.3
40°	2721.8	2437.2	2190.8	1967.6	1760.8	1574.3	1411.6	1260.8	1117.5	939.3	768.3
37.5°	2943.2	2626.6	2344.9	2089.2	1859.1	1660.3	1478.5	1312.2	1152.5	969.1	788.5
35°	3198.1	2824.7	2487.8	2213.5	1964.6	1741.9	1542.2	1364.0	1189.5	997.4	806.8
32.5°	3445.9	3023.0	2654.6	2338.0	2063.1	1818.9	1608.3	1417.1	1228.3	1024.2	823.2
30°	3717.8	3231.9	2812.3	2454.4	2159.1	1901.9	1673.9	1467.6	1268.4	1049.3	838.9
27.5°	3975.5	3424.4	2964.4	2581.7	2258.4	1979.2	1734.8	1515.5	1309.6	1075.5	857.2
25°	4231.3	3633.2	3127.9	2704.3	2349.5	2050.9	1790.9	1560.6	1348.9	1105.6	873.5
22.5°	4507.9	3835.7	3275.1	2814.4	2435.2	2116.6	1846.0	1606.6	1384.7	1134.9	887.5
20°	4759.9	4018.6	3407.5	2923.4	2523.2	2187.0	1899.3	1647.9	1417.2	1162.9	899.3
17.5°	4995.5	4206.6	3561.5	3038.5	2608.1	2249.7	1946.5	1684.5	1446.4	1189.3	908.7
15°	5248.3	4394.9	3701.4	3139.4	2682.2	2304.6	1987.5	1716.1	1472.0	1213.5	917.5
12.5°	5464.8	4553.5	3820.4	3225.6	2745.2	2351.2	2022.1	1742.8	1494.0	1235.1	925.7
10°	5643.0	4682.0	3918.1	3296.6	2796.8	2389.4	2050.2	1764.8	1510.8	1252.8	930.4
7.5°	5781.4	4780.2	3994.0	3352.2	2837.1	2421.1	2074.4	1782.8	1523.3	1266.3	931.7
5°	5883.1	4856.4	4045.7	3392.7	2867.0	2446.3	2092.5	1795.9	1531.5	1275.1	929.6
2.5°	5959.7	4917.8	4073.4	3417.1	2884.8	2462.6	2104.0	1804.0	1535.3	1278.8	924.3
0°	5994.3	4949.9	4078.7	3425.3	2890.7	2470.0	2108.7	1806.7	1534.5	1277.1	915.7
-2.5°	5959.7	4917.8	4073.4	3417.1	2884.8	2462.6	2104.0	1804.0	1535.3	1278.8	924.3
-5°	5883.1	4856.4	4045.7	3392.7	2867.0	2446.3	2092.5	1795.9	1531.5	1275.1	929.6
-7.5°	5781.4	4780.2	3994.0	3352.2	2837.1	2421.1	2074.4	1782.8	1523.3	1266.3	931.7
-10°	5643.0	4682.0	3918.1	3296.6	2796.8	2389.4	2050.2	1764.8	1510.8	1252.8	930.4
-12.5°	5464.8	4553.5	3820.4	3225.6	2745.2	2351.2	2022.1	1742.8	1494.0	1235.1	925.7
-15°	5248.3	4394.9	3701.4	3139.4	2682.2	2304.6	1987.5	1716.1	1472.0	1213.5	917.5
-17.5°	4995.5	4206.6	3561.5	3038.5	2608.1	2249.7	1946.5	1684.5	1446.4	1189.3	908.7
-20°	4759.9	4018.6	3407.5	2923.4	2523.2	2187.0	1899.3	1647.9	1417.2	1162.9	899.3

Classified

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

Scaled Data Report



REPORT NUMBER: P624802 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-5700K-66

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	4507.9	3835.7	3275.1	2814.4	2435.2	2116.6	1846.0	1606.6	1384.7	1134.9	887.5
-25°	4231.3	3633.2	3127.9	2704.3	2349.5	2050.9	1790.9	1560.6	1348.9	1105.6	873.5
-27.5°	3975.5	3424.4	2964.4	2581.7	2258.4	1979.2	1734.8	1515.5	1309.6	1075.5	857.2
-30°	3717.8	3231.9	2812.3	2454.4	2159.1	1901.9	1673.9	1467.6	1268.4	1049.3	838.9
-32.5°	3445.9	3023.0	2654.6	2338.0	2063.1	1818.9	1608.3	1417.1	1228.3	1024.2	823.2
-35°	3198.1	2824.7	2487.8	2213.5	1964.6	1741.9	1542.2	1364.0	1189.5	997.4	806.8
-37.5°	2943.2	2626.6	2344.9	2089.2	1859.1	1660.3	1478.5	1312.2	1152.5	969.1	788.5
-40°	2721.8	2437.2	2190.8	1967.6	1760.8	1574.3	1411.6	1260.8	1117.5	939.3	768.3
-42.5°	2496.3	2262.8	2044.2	1838.3	1662.6	1497.2	1342.7	1206.6	1070.9	911.9	746.3
-45°	2300.9	2089.6	1897.0	1725.3	1563.0	1417.5	1279.8	1149.8	1020.8	884.5	725.1
-47.5°	2104.8	1926.2	1760.6	1608.7	1472.9	1337.6	1214.0	1092.2	969.0	854.9	705.4
-50°	1925.1	1771.3	1631.5	1500.4	1377.1	1262.5	1146.4	1032.7	921.7	812.6	683.5
-52.5°	1758.1	1629.9	1507.9	1392.3	1287.8	1184.7	1079.5	972.5	873.1	772.6	659.2
-55°	1604.2	1494.1	1386.9	1291.2	1198.9	1108.2	1011.1	917.8	823.4	732.8	633.2
-57.5°	1458.9	1360.1	1276.9	1194.1	1111.1	1029.5	947.3	862.2	776.1	691.6	608.5
-60°	1317.9	1245.1	1172.1	1097.4	1022.9	953.9	886.1	806.7	728.4	650.2	577.3
-62.5°	1194.2	1130.9	1066.4	999.5	939.4	882.7	824.4	752.4	679.5	611.6	543.2
-65°	1072.5	1017.4	959.9	910.6	860.6	810.8	761.7	696.9	634.2	572.1	507.5
-67.5°	953.6	909.0	867.1	824.3	782.5	740.1	696.5	645.4	589.4	531.9	467.8
-70°	838.8	804.1	772.8	741.2	705.5	668.9	636.3	595.3	543.8	480.3	426.3
-72.5°	712.1	689.4	676.1	657.6	626.2	598.7	575.4	538.8	478.3	426.4	383.2
-75°	570.7	571.4	572.6	564.7	544.1	525.6	496.4	457.0	410.2	370.7	333.6
-77.5°	449.0	458.0	466.7	469.3	452.2	430.7	404.6	373.0	341.7	312.5	281.6
-80°	343.1	358.3	368.8	371.6	355.7	336.4	318.6	298.8	276.9	253.8	229.4
-82.5°	256.5	266.9	274.9	278.9	268.2	256.1	242.7	228.0	211.9	194.9	175.0
-85°	171.5	179.8	186.4	190.9	183.7	175.7	165.6	154.7	142.9	130.3	116.8
-87.5°	86.2	90.7	94.2	96.5	92.4	87.8	82.8	77.4	71.5	65.2	58.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P624802 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-5700K-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°	51.2	38.8	27.9	18.6	10.8	4.9	0.0
85°	102.2	77.4	55.7	37.0	21.5	9.7	0.0
82.5°	152.6	115.7	83.2	55.4	32.2	14.5	0.0
80°	201.7	153.4	110.4	73.5	42.8	19.3	0.0
77.5°	245.3	188.5	137.1	91.3	53.2	24.0	0.0
75°	287.5	219.3	162.3	108.7	63.5	28.7	0.0
72.5°	328.1	248.9	182.5	125.7	73.6	33.3	0.0
70°	365.9	277.2	201.9	141.4	83.5	37.8	0.0
67.5°	394.5	304.0	220.4	152.9	93.1	42.2	0.0
65°	421.7	327.3	237.8	163.9	102.5	46.6	0.0
62.5°	447.3	347.3	254.0	174.2	111.6	50.8	0.0
60°	471.2	366.0	269.0	183.7	120.3	54.8	0.0
57.5°	493.4	383.3	282.0	192.5	126.0	58.8	0.0
55°	514.1	399.2	294.1	200.5	131.6	62.6	0.0
52.5°	533.3	413.9	305.1	207.6	136.8	66.2	0.0
50°	550.9	428.3	315.0	213.8	141.9	69.7	0.0
47.5°	567.2	441.4	323.8	219.4	146.7	73.0	0.0
45°	583.8	453.1	331.5	225.1	151.3	76.2	0.0
42.5°	598.5	463.5	338.1	230.0	155.6	79.1	0.0
40°	611.3	472.4	344.4	236.3	159.6	81.9	0.0
37.5°	622.1	480.0	350.5	243.0	163.4	84.5	0.0
35°	630.9	487.0	355.5	249.3	166.9	86.9	0.0
32.5°	639.7	493.0	359.5	255.0	170.0	89.1	0.0
30°	651.3	497.4	362.3	260.1	172.9	91.1	0.0
27.5°	661.0	500.2	369.1	264.7	175.5	92.9	0.0
25°	668.8	501.5	375.5	268.7	177.8	94.5	0.0
22.5°	674.6	503.8	380.9	272.1	179.8	95.8	0.0
20°	678.4	511.1	385.3	274.9	181.4	97.0	0.0
17.5°	685.5	517.5	388.7	277.2	182.8	98.0	0.0
15°	693.2	522.7	391.1	278.9	183.8	98.7	0.0
12.5°	698.3	526.9	392.6	280.1	184.5	99.3	0.0
10°	700.8	530.0	393.1	280.6	184.9	99.6	0.0
7.5°	700.9	531.8	392.7	280.6	184.9	99.8	0.0
5°	698.7	532.4	391.4	280.0	184.6	99.7	0.0
2.5°	694.3	531.7	389.2	278.9	184.0	99.4	0.0
0°	688.0	529.6	386.1	277.2	183.1	99.0	0.0
-2.5°	694.3	531.7	389.2	278.9	184.0	99.4	0.0
-5°	698.7	532.4	391.4	280.0	184.6	99.7	0.0
-7.5°	700.9	531.8	392.7	280.6	184.9	99.8	0.0
-10°	700.8	530.0	393.1	280.6	184.9	99.6	0.0
-12.5°	698.3	526.9	392.6	280.1	184.5	99.3	0.0
-15°	693.2	522.7	391.1	278.9	183.8	98.7	0.0
-17.5°	685.5	517.5	388.7	277.2	182.8	98.0	0.0
-20°	678.4	511.1	385.3	274.9	181.4	97.0	0.0

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REPORT NUMBER: P624802 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-5700K-66

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	674.6	503.8	380.9	272.1	179.8	95.8	0.0
-25°	668.8	501.5	375.5	268.7	177.8	94.5	0.0
-27.5°	661.0	500.2	369.1	264.7	175.5	92.9	0.0
-30°	651.3	497.4	362.3	260.1	172.9	91.1	0.0
-32.5°	639.7	493.0	359.5	255.0	170.0	89.1	0.0
-35°	630.9	487.0	355.5	249.3	166.9	86.9	0.0
-37.5°	622.1	480.0	350.5	243.0	163.4	84.5	0.0
-40°	611.3	472.4	344.4	236.3	159.6	81.9	0.0
-42.5°	598.5	463.5	338.1	230.0	155.6	79.1	0.0
-45°	583.8	453.1	331.5	225.1	151.3	76.2	0.0
-47.5°	567.2	441.4	323.8	219.4	146.7	73.0	0.0
-50°	550.9	428.3	315.0	213.8	141.9	69.7	0.0
-52.5°	533.3	413.9	305.1	207.6	136.8	66.2	0.0
-55°	514.1	399.2	294.1	200.5	131.6	62.6	0.0
-57.5°	493.4	383.3	282.0	192.5	126.0	58.8	0.0
-60°	471.2	366.0	269.0	183.7	120.3	54.8	0.0
-62.5°	447.3	347.3	254.0	174.2	111.6	50.8	0.0
-65°	421.7	327.3	237.8	163.9	102.5	46.6	0.0
-67.5°	394.5	304.0	220.4	152.9	93.1	42.2	0.0
-70°	365.9	277.2	201.9	141.4	83.5	37.8	0.0
-72.5°	328.1	248.9	182.5	125.7	73.6	33.3	0.0
-75°	287.5	219.3	162.3	108.7	63.5	28.7	0.0
-77.5°	245.3	188.5	137.1	91.3	53.2	24.0	0.0
-80°	201.7	153.4	110.4	73.5	42.8	19.3	0.0
-82.5°	152.6	115.7	83.2	55.4	32.2	14.5	0.0
-85°	102.2	77.4	55.7	37.0	21.5	9.7	0.0
-87.5°	51.2	38.8	27.9	18.6	10.8	4.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)