

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: P624781 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-VN-06-E-PRO-5700K-66**

Issue Date: 11/8/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P624781 (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-5700K-66  
Description: EPHESUS LUMAVISION CCT TUNING FLOOD  
3000K AND TYPE 66 OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

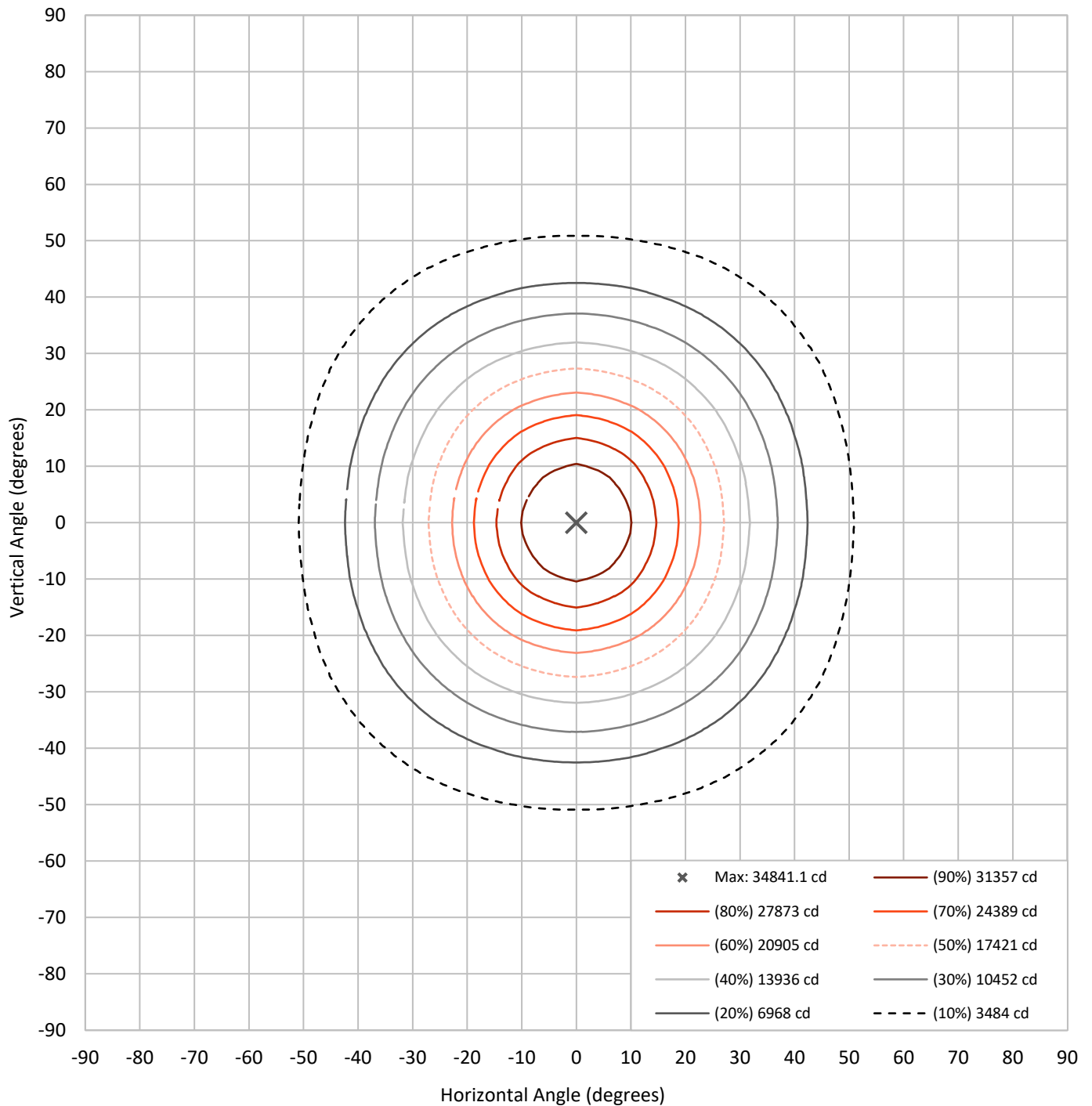
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	36127.6 lumens	Max Intensity:	34841.1 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:	17373.2 lumens	Field Lumens:	31706 lumens
Beam Efficiency:	48.1%	Field Efficiency:	87.8%
Input Watts (W):	283.5		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-66

### Iso-Candela Plot





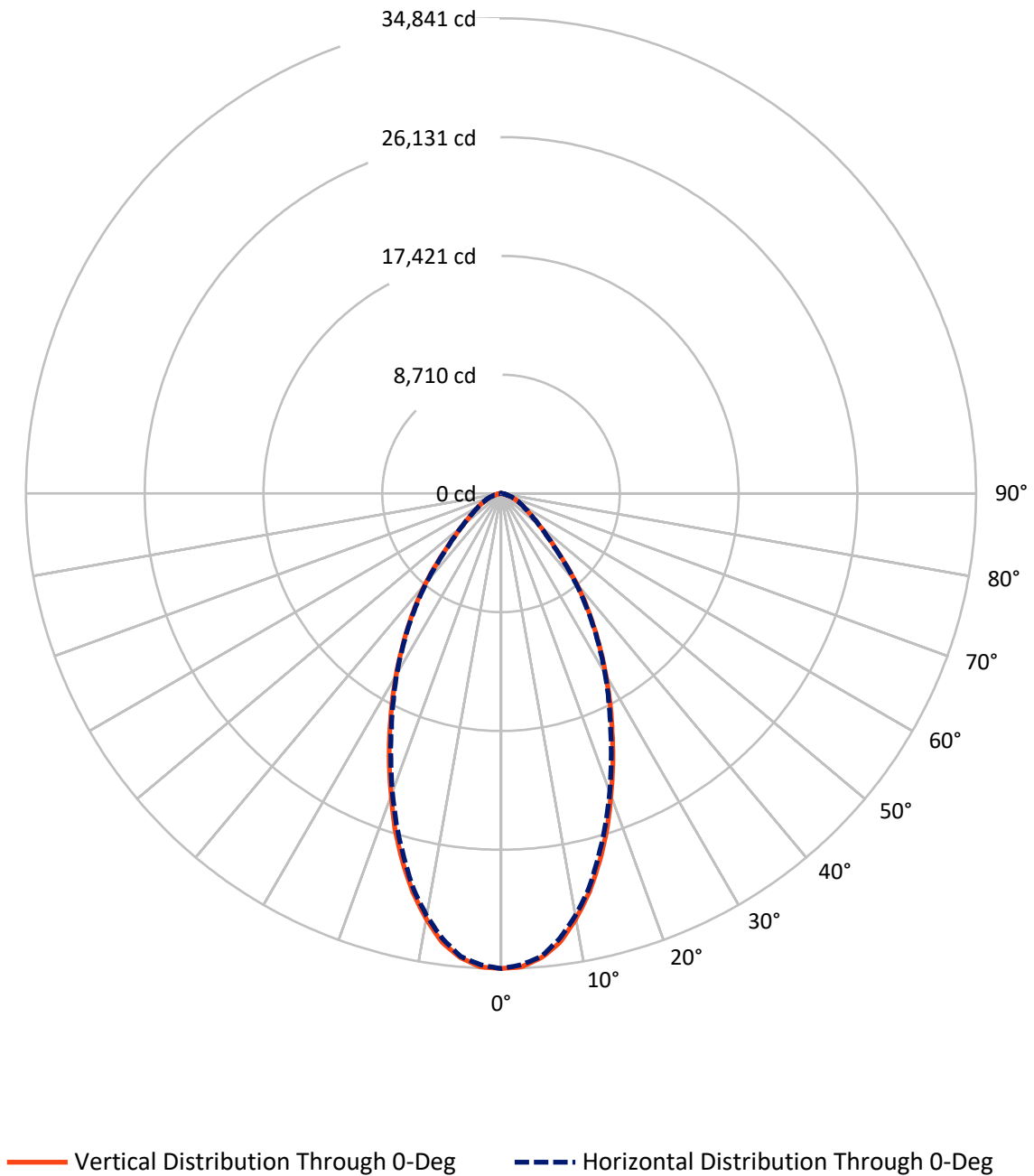
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### Lumen Table

90																			
80	2.5	15.5		31.2		47.5		40.6		47.5		31.2		15.5		2.5			
70																			
60	6.4	6.8	12.0	18.3	25.6	32.7	38.2	40.9	40.9	38.2	32.7	25.6	18.3	12.0	6.8	6.4			
50		9.0	17.1	28.1	42.1	57.3	71.1	79.3	79.3	71.1	57.3	42.1	28.1	17.1	9.0				
40	8.5	11.2	22.9	41.4	68.6	105.3	144.9	171.7	171.7	144.9	105.3	68.6	41.4	22.9	11.2	8.5			
30		13.4	29.6	59.5	114.2	202.0	293.8	350.5	350.5	293.8	202.0	114.2	59.5	29.6	13.4				
20	9.9	15.4	36.4	82.5	182.8	329.9	473.9	568.7	568.7	473.9	329.9	182.8	82.5	36.4	15.4	9.9			
10		17.0	42.5	106.2	249.0	444.2	657.8	812.3	812.3	657.8	444.2	249.0	106.2	42.5	17.0				
0	10.3	17.8	46.1	121.6	287.1	515.2	784.6	986.3	986.3	784.6	515.2	287.1	121.6	46.1	17.8	10.3			
-10		17.8	46.1	121.6	287.1	515.2	784.6	986.3	986.3	784.6	515.2	287.1	121.6	46.1	17.8				
-20	9.9	17.0	42.5	106.2	249.0	444.2	657.8	812.3	812.3	657.8	444.2	249.0	106.2	42.5	17.0	9.9			
-30		15.4	36.4	82.5	182.8	329.9	473.9	568.7	568.7	473.9	329.9	182.8	82.5	36.4	15.4				
-40	8.5	13.4	29.6	59.5	114.2	202.0	293.8	350.5	350.5	293.8	202.0	114.2	59.5	29.6	13.4	8.5			
-50		11.2	22.9	41.4	68.6	105.3	144.9	171.7	171.7	144.9	105.3	68.6	41.4	22.9	11.2				
-60	6.4	9.0	17.1	28.1	42.1	57.3	71.1	79.3	79.3	71.1	57.3	42.1	28.1	17.1	9.0	6.4			
-70		6.8	12.0	18.3	25.6	32.7	38.2	40.9	40.9	38.2	32.7	25.6	18.3	12.0	6.8				
-80																			
-90	2.5	15.5		31.2		47.5		40.6		47.5		31.2		15.5		2.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

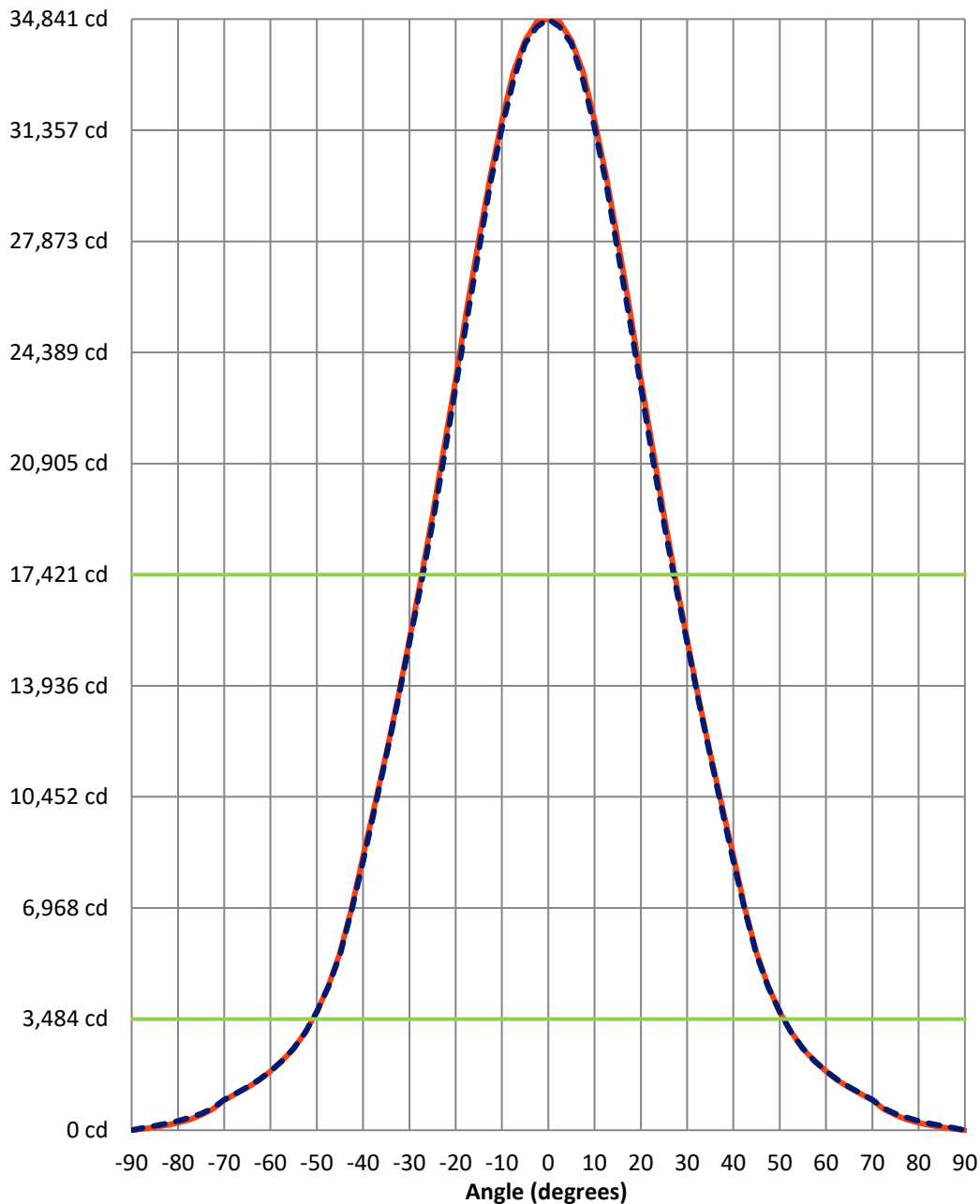
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 54.2°  
 V Angle: 54.7°  
 Lumens: 17373.2  
 Efficiency: 48.1%

**Field:**  
 H Angle: 101.7°  
 V Angle: 101.8°  
 Lumens: 31706  
 Efficiency: 87.8%

**Spill:**  
 Lumens: 4421.6  
 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	3.6	8.1	13.9	20.9	29.1	38.4	43.8	48.9	53.6	58.1
85°	0.0	7.3	16.1	27.8	41.8	58.1	76.6	87.6	97.7	107.2	116.1
82.5°	0.0	10.9	24.2	41.5	62.4	86.8	114.5	131.3	146.2	159.0	171.1
80°	0.0	14.5	32.1	55.1	82.8	115.1	151.3	172.0	190.4	207.7	224.2
77.5°	0.0	18.0	39.9	68.5	102.8	141.4	183.9	211.2	234.3	256.3	279.8
75°	0.0	21.5	47.7	81.6	121.7	164.4	215.6	250.2	278.0	307.6	342.8
72.5°	0.0	25.0	55.2	94.3	136.9	186.6	246.1	287.4	319.8	358.7	404.1
70°	0.0	28.4	62.6	106.1	151.4	207.9	274.3	319.7	360.2	407.8	446.5
67.5°	0.0	31.7	69.9	114.7	165.3	228.0	295.8	350.8	398.9	442.0	484.1
65°	0.0	34.9	76.9	122.9	178.3	245.4	316.2	380.6	429.1	475.7	522.7
62.5°	0.0	38.1	83.7	130.6	190.5	260.4	335.4	407.4	458.7	509.6	564.3
60°	0.0	41.1	90.2	137.8	201.7	274.5	353.4	433.0	487.6	546.3	605.1
57.5°	0.0	44.1	94.5	144.4	211.5	287.5	370.1	456.4	518.7	582.1	646.7
55°	0.0	46.9	98.7	150.3	220.5	299.4	385.6	474.9	549.6	617.6	688.4
52.5°	0.0	49.7	102.6	155.7	228.8	310.5	400.0	494.4	579.5	654.8	729.4
50°	0.0	52.3	106.4	160.4	236.3	321.3	413.2	512.6	609.5	691.3	774.5
47.5°	0.0	54.8	110.0	164.6	242.9	331.1	425.4	529.1	641.2	726.8	819.1
45°	0.0	57.1	113.5	168.8	248.6	339.9	437.9	543.8	663.4	765.6	862.4
42.5°	0.0	59.3	116.7	172.5	253.6	347.6	448.9	559.7	683.9	803.2	905.0
40°	0.0	61.4	119.7	177.2	258.3	354.4	458.5	576.3	704.5	838.2	945.6
37.5°	0.0	63.4	122.5	182.3	262.9	360.0	466.6	591.4	726.8	864.4	984.2
35°	0.0	65.1	125.1	187.0	266.7	365.3	473.2	605.1	748.1	892.2	1023.0
32.5°	0.0	66.8	127.5	191.2	269.6	369.8	479.8	617.4	768.1	921.2	1062.8
30°	0.0	68.3	129.7	195.1	271.8	373.1	488.5	629.2	787.0	951.3	1100.7
27.5°	0.0	69.6	131.7	198.5	276.9	375.2	495.8	642.9	806.6	982.2	1136.6
25°	0.0	70.8	133.4	201.5	281.6	376.1	501.6	655.1	829.2	1011.8	1170.4
22.5°	0.0	71.8	134.9	204.1	285.7	377.9	506.0	665.7	851.2	1038.5	1204.9
20°	0.0	72.7	136.1	206.2	289.0	383.4	508.8	674.5	872.2	1062.9	1235.9
17.5°	0.0	73.4	137.1	207.9	291.5	388.1	514.1	681.6	892.0	1084.8	1263.3
15°	0.0	74.0	137.9	209.2	293.3	392.1	519.9	688.2	910.2	1104.1	1287.1
12.5°	0.0	74.4	138.4	210.0	294.4	395.2	523.7	694.3	926.3	1120.5	1307.1
10°	0.0	74.7	138.7	210.5	294.8	397.5	525.6	697.8	939.7	1133.1	1323.6
7.5°	0.0	74.8	138.7	210.5	294.5	398.8	525.7	698.8	949.7	1142.5	1337.1
5°	0.0	74.7	138.5	210.0	293.6	399.3	524.0	697.2	956.3	1148.6	1346.9
2.5°	0.0	74.5	138.1	209.2	291.9	398.7	520.8	693.2	959.1	1151.5	1353.0
0°	0.0	74.2	137.4	207.9	289.6	397.2	516.0	686.8	957.8	1150.9	1355.0
-2.5°	0.0	74.5	138.1	209.2	291.9	398.7	520.8	693.2	959.1	1151.5	1353.0
-5°	0.0	74.7	138.5	210.0	293.6	399.3	524.0	697.2	956.3	1148.6	1346.9
-7.5°	0.0	74.8	138.7	210.5	294.5	398.8	525.7	698.8	949.7	1142.5	1337.1
-10°	0.0	74.7	138.7	210.5	294.8	397.5	525.6	697.8	939.7	1133.1	1323.6
-12.5°	0.0	74.4	138.4	210.0	294.4	395.2	523.7	694.3	926.3	1120.5	1307.1
-15°	0.0	74.0	137.9	209.2	293.3	392.1	519.9	688.2	910.2	1104.1	1287.1
-17.5°	0.0	73.4	137.1	207.9	291.5	388.1	514.1	681.6	892.0	1084.8	1263.3
-20°	0.0	72.7	136.1	206.2	289.0	383.4	508.8	674.5	872.2	1062.9	1235.9

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Scaled Data Report



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CATALOG NUMBER: EPH-VN-06-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	71.8	134.9	204.1	285.7	377.9	506.0	665.7	851.2	1038.5	1204.9
-25°	0.0	70.8	133.4	201.5	281.6	376.1	501.6	655.1	829.2	1011.8	1170.4
-27.5°	0.0	69.6	131.7	198.5	276.9	375.2	495.8	642.9	806.6	982.2	1136.6
-30°	0.0	68.3	129.7	195.1	271.8	373.1	488.5	629.2	787.0	951.3	1100.7
-32.5°	0.0	66.8	127.5	191.2	269.6	369.8	479.8	617.4	768.1	921.2	1062.8
-35°	0.0	65.1	125.1	187.0	266.7	365.3	473.2	605.1	748.1	892.2	1023.0
-37.5°	0.0	63.4	122.5	182.3	262.9	360.0	466.6	591.4	726.8	864.4	984.2
-40°	0.0	61.4	119.7	177.2	258.3	354.4	458.5	576.3	704.5	838.2	945.6
-42.5°	0.0	59.3	116.7	172.5	253.6	347.6	448.9	559.7	683.9	803.2	905.0
-45°	0.0	57.1	113.5	168.8	248.6	339.9	437.9	543.8	663.4	765.6	862.4
-47.5°	0.0	54.8	110.0	164.6	242.9	331.1	425.4	529.1	641.2	726.8	819.1
-50°	0.0	52.3	106.4	160.4	236.3	321.3	413.2	512.6	609.5	691.3	774.5
-52.5°	0.0	49.7	102.6	155.7	228.8	310.5	400.0	494.4	579.5	654.8	729.4
-55°	0.0	46.9	98.7	150.3	220.5	299.4	385.6	474.9	549.6	617.6	688.4
-57.5°	0.0	44.1	94.5	144.4	211.5	287.5	370.1	456.4	518.7	582.1	646.7
-60°	0.0	41.1	90.2	137.8	201.7	274.5	353.4	433.0	487.6	546.3	605.1
-62.5°	0.0	38.1	83.7	130.6	190.5	260.4	335.4	407.4	458.7	509.6	564.3
-65°	0.0	34.9	76.9	122.9	178.3	245.4	316.2	380.6	429.1	475.7	522.7
-67.5°	0.0	31.7	69.9	114.7	165.3	228.0	295.8	350.8	398.9	442.0	484.1
-70°	0.0	28.4	62.6	106.1	151.4	207.9	274.3	319.7	360.2	407.8	446.5
-72.5°	0.0	25.0	55.2	94.3	136.9	186.6	246.1	287.4	319.8	358.7	404.1
-75°	0.0	21.5	47.7	81.6	121.7	164.4	215.6	250.2	278.0	307.6	342.8
-77.5°	0.0	18.0	39.9	68.5	102.8	141.4	183.9	211.2	234.3	256.3	279.8
-80°	0.0	14.5	32.1	55.1	82.8	115.1	151.3	172.0	190.4	207.7	224.2
-82.5°	0.0	10.9	24.2	41.5	62.4	86.8	114.5	131.3	146.2	159.0	171.1
-85°	0.0	7.3	16.1	27.8	41.8	58.1	76.6	87.6	97.7	107.2	116.1
-87.5°	0.0	3.6	8.1	13.9	20.9	29.1	38.4	43.8	48.9	53.6	58.1
-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°	62.1	65.9	69.3	72.4	70.7	68.1	64.7	60.5	67.7	75.3	83.2
85°	124.3	131.8	137.8	143.2	139.8	134.9	128.7	121.3	135.9	152.2	169.1
82.5°	182.1	192.1	201.1	209.2	206.2	200.2	192.4	182.3	202.6	227.3	252.9
80°	239.0	252.4	266.8	278.7	276.6	268.7	257.3	242.5	265.7	300.1	334.7
77.5°	303.5	323.0	339.2	352.0	350.0	343.5	336.8	329.8	355.4	391.0	424.0
75°	372.3	394.2	408.1	423.6	429.5	428.6	428.1	434.9	465.7	505.6	540.4
72.5°	431.6	449.1	469.7	493.3	507.2	517.1	534.1	557.6	587.4	619.2	648.2
70°	477.2	501.7	529.1	556.0	579.6	603.1	629.1	656.6	687.3	720.5	751.6
67.5°	522.4	555.1	586.9	618.3	650.3	681.8	715.3	750.3	783.4	820.3	857.2
65°	571.3	608.1	645.5	682.9	719.9	763.1	804.4	842.9	884.1	930.1	973.6
62.5°	618.3	662.0	704.5	749.6	799.8	848.2	895.7	944.3	993.3	1049.4	1103.9
60°	664.6	715.4	767.2	823.0	879.1	933.9	988.5	1051.5	1115.7	1178.1	1244.9
57.5°	710.5	772.1	833.3	895.6	957.7	1020.2	1094.2	1166.6	1244.2	1321.5	1397.2
55°	758.3	831.1	899.1	968.4	1040.2	1120.6	1203.1	1291.0	1377.7	1478.2	1571.9
52.5°	809.6	888.4	965.9	1044.2	1131.0	1222.5	1318.5	1422.1	1534.3	1646.6	1763.7
50°	859.7	946.9	1032.8	1125.3	1223.6	1328.5	1443.8	1567.8	1699.7	1832.1	1974.3
47.5°	910.5	1003.2	1104.7	1206.5	1320.4	1444.6	1578.6	1726.7	1874.3	2043.2	2208.5
45°	959.8	1063.1	1172.3	1294.0	1422.7	1567.2	1725.6	1889.5	2078.6	2269.1	2477.6
42.5°	1007.1	1123.0	1247.0	1378.8	1533.1	1697.1	1872.2	2078.7	2291.6	2522.9	2777.0
40°	1058.7	1180.7	1320.6	1475.7	1643.1	1827.9	2041.3	2270.1	2526.4	2807.7	3103.8
37.5°	1108.9	1245.2	1394.3	1566.9	1758.7	1969.9	2207.3	2484.1	2784.1	3106.9	3497.8
35°	1156.6	1306.4	1473.4	1660.1	1865.9	2118.5	2398.5	2705.8	3055.1	3463.4	3921.0
32.5°	1206.2	1364.2	1547.3	1753.5	1990.9	2267.3	2584.5	2949.2	3361.6	3827.2	4398.7
30°	1255.4	1426.4	1619.3	1840.8	2109.2	2423.9	2788.4	3193.3	3668.7	4257.3	4936.9
27.5°	1301.1	1484.4	1693.7	1936.3	2223.3	2568.3	2981.6	3462.1	4023.9	4689.3	5483.0
25°	1343.1	1538.1	1762.1	2028.2	2345.9	2724.9	3173.5	3705.1	4378.0	5162.9	6107.3
22.5°	1384.5	1587.4	1826.4	2110.9	2456.3	2876.8	3380.9	3987.1	4726.2	5600.7	6711.1
20°	1424.5	1640.2	1892.4	2192.6	2555.6	3014.0	3569.9	4248.8	5087.3	6118.8	7350.2
17.5°	1459.9	1687.3	1956.1	2278.9	2671.1	3154.9	3746.6	4478.2	5414.3	6594.3	7967.5
15°	1490.6	1728.4	2011.7	2354.6	2776.0	3296.1	3936.2	4734.3	5759.2	7042.9	8502.8
12.5°	1516.6	1763.4	2059.0	2419.2	2865.3	3415.1	4098.6	4964.8	6090.8	7467.4	8966.2
10°	1537.7	1792.1	2097.6	2472.5	2938.5	3511.5	4232.2	5150.8	6361.7	7809.3	9350.8
7.5°	1555.8	1815.8	2127.9	2514.2	2995.5	3585.1	4336.1	5292.1	6571.4	8076.9	9649.8
5°	1569.4	1834.7	2150.3	2544.5	3034.2	3642.3	4412.4	5388.6	6718.0	8267.2	9860.1
2.5°	1578.0	1847.0	2163.7	2562.9	3055.0	3688.3	4469.8	5463.3	6828.1	8385.0	10002.8
0°	1581.5	1852.5	2168.1	2569.0	3059.0	3712.4	4495.7	5494.4	6879.1	8423.5	10075.5
-2.5°	1578.0	1847.0	2163.7	2562.9	3055.0	3688.3	4469.8	5463.3	6828.1	8385.0	10002.8
-5°	1569.4	1834.7	2150.3	2544.5	3034.2	3642.3	4412.4	5388.6	6718.0	8267.2	9860.1
-7.5°	1555.8	1815.8	2127.9	2514.2	2995.5	3585.1	4336.1	5292.1	6571.4	8076.9	9649.8
-10°	1537.7	1792.1	2097.6	2472.5	2938.5	3511.5	4232.2	5150.8	6361.7	7809.3	9350.8
-12.5°	1516.6	1763.4	2059.0	2419.2	2865.3	3415.1	4098.6	4964.8	6090.8	7467.4	8966.2
-15°	1490.6	1728.4	2011.7	2354.6	2776.0	3296.1	3936.2	4734.3	5759.2	7042.9	8502.8
-17.5°	1459.9	1687.3	1956.1	2278.9	2671.1	3154.9	3746.6	4478.2	5414.3	6594.3	7967.5
-20°	1424.5	1640.2	1892.4	2192.6	2555.6	3014.0	3569.9	4248.8	5087.3	6118.8	7350.2

Classified

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

Scaled Data Report



REPORT NUMBER: P624781 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-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°	1384.5	1587.4	1826.4	2110.9	2456.3	2876.8	3380.9	3987.1	4726.2	5600.7	6711.1
-25°	1343.1	1538.1	1762.1	2028.2	2345.9	2724.9	3173.5	3705.1	4378.0	5162.9	6107.3
-27.5°	1301.1	1484.4	1693.7	1936.3	2223.3	2568.3	2981.6	3462.1	4023.9	4689.3	5483.0
-30°	1255.4	1426.4	1619.3	1840.8	2109.2	2423.9	2788.4	3193.3	3668.7	4257.3	4936.9
-32.5°	1206.2	1364.2	1547.3	1753.5	1990.9	2267.3	2584.5	2949.2	3361.6	3827.2	4398.7
-35°	1156.6	1306.4	1473.4	1660.1	1865.9	2118.5	2398.5	2705.8	3055.1	3463.4	3921.0
-37.5°	1108.9	1245.2	1394.3	1566.9	1758.7	1969.9	2207.3	2484.1	2784.1	3106.9	3497.8
-40°	1058.7	1180.7	1320.6	1475.7	1643.1	1827.9	2041.3	2270.1	2526.4	2807.7	3103.8
-42.5°	1007.1	1123.0	1247.0	1378.8	1533.1	1697.1	1872.2	2078.7	2291.6	2522.9	2777.0
-45°	959.8	1063.1	1172.3	1294.0	1422.7	1567.2	1725.6	1889.5	2078.6	2269.1	2477.6
-47.5°	910.5	1003.2	1104.7	1206.5	1320.4	1444.6	1578.6	1726.7	1874.3	2043.2	2208.5
-50°	859.7	946.9	1032.8	1125.3	1223.6	1328.5	1443.8	1567.8	1699.7	1832.1	1974.3
-52.5°	809.6	888.4	965.9	1044.2	1131.0	1222.5	1318.5	1422.1	1534.3	1646.6	1763.7
-55°	758.3	831.1	899.1	968.4	1040.2	1120.6	1203.1	1291.0	1377.7	1478.2	1571.9
-57.5°	710.5	772.1	833.3	895.6	957.7	1020.2	1094.2	1166.6	1244.2	1321.5	1397.2
-60°	664.6	715.4	767.2	823.0	879.1	933.9	988.5	1051.5	1115.7	1178.1	1244.9
-62.5°	618.3	662.0	704.5	749.6	799.8	848.2	895.7	944.3	993.3	1049.4	1103.9
-65°	571.3	608.1	645.5	682.9	719.9	763.1	804.4	842.9	884.1	930.1	973.6
-67.5°	522.4	555.1	586.9	618.3	650.3	681.8	715.3	750.3	783.4	820.3	857.2
-70°	477.2	501.7	529.1	556.0	579.6	603.1	629.1	656.6	687.3	720.5	751.6
-72.5°	431.6	449.1	469.7	493.3	507.2	517.1	534.1	557.6	587.4	619.2	648.2
-75°	372.3	394.2	408.1	423.6	429.5	428.6	428.1	434.9	465.7	505.6	540.4
-77.5°	303.5	323.0	339.2	352.0	350.0	343.5	336.8	329.8	355.4	391.0	424.0
-80°	239.0	252.4	266.8	278.7	276.6	268.7	257.3	242.5	265.7	300.1	334.7
-82.5°	182.1	192.1	201.1	209.2	206.2	200.2	192.4	182.3	202.6	227.3	252.9
-85°	124.3	131.8	137.8	143.2	139.8	134.9	128.7	121.3	135.9	152.2	169.1
-87.5°	62.1	65.9	69.3	72.4	70.7	68.1	64.7	60.5	67.7	75.3	83.2
-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: P624781 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-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°	91.2	91.6	91.6	91.4	90.8	92.6	94.2	95.6	96.8	86.1	75.0
85°	186.7	188.4	188.8	188.6	187.8	189.2	190.1	190.4	190.3	170.8	150.3
82.5°	279.2	288.8	297.6	307.0	317.0	315.9	312.3	307.1	300.5	270.7	238.4
80°	367.3	384.2	397.2	409.0	419.7	417.0	411.7	405.8	399.3	365.2	327.4
77.5°	457.0	478.2	493.5	506.5	517.3	518.8	517.4	515.1	511.8	477.7	437.4
75°	570.1	589.8	604.7	619.5	634.0	641.7	645.2	647.2	647.5	617.0	577.7
72.5°	674.4	697.4	719.4	741.0	760.9	773.9	782.6	790.6	797.7	782.6	759.4
70°	781.6	810.1	836.5	862.1	887.2	907.5	922.0	934.0	943.6	946.7	948.3
67.5°	894.7	929.3	962.2	993.3	1024.2	1050.5	1070.3	1088.1	1103.7	1115.6	1123.6
65°	1016.5	1060.1	1101.4	1138.5	1171.8	1205.4	1234.0	1259.1	1280.5	1297.7	1310.5
62.5°	1155.0	1206.4	1256.1	1301.2	1341.8	1382.7	1423.4	1459.0	1489.3	1513.9	1532.5
60°	1307.7	1366.3	1430.2	1490.4	1546.4	1598.0	1648.5	1693.0	1731.7	1764.6	1791.8
57.5°	1478.2	1554.1	1628.9	1706.7	1776.1	1837.2	1901.3	1964.7	2019.3	2065.1	2102.9
55°	1667.5	1765.1	1858.2	1953.6	2045.9	2130.7	2211.0	2295.2	2367.8	2428.7	2478.8
52.5°	1874.9	2002.0	2123.0	2238.9	2363.7	2477.8	2580.8	2692.1	2793.2	2879.1	2954.5
50°	2121.1	2268.5	2427.5	2577.2	2738.5	2894.8	3035.5	3179.1	3320.6	3440.5	3541.8
47.5°	2393.0	2572.9	2779.9	2986.7	3184.1	3397.6	3594.9	3778.9	3970.8	4134.8	4271.8
45°	2693.1	2938.9	3186.8	3460.7	3712.8	3999.3	4268.7	4509.0	4777.3	5017.2	5217.7
42.5°	3045.9	3356.8	3669.0	4021.3	4364.9	4726.2	5107.4	5450.2	5807.9	6154.0	6444.2
40°	3462.0	3831.5	4262.3	4686.4	5162.3	5617.2	6157.2	6638.4	7090.9	7533.2	7906.4
37.5°	3923.9	4412.2	4941.8	5480.3	6130.8	6768.4	7403.2	8002.2	8541.9	9036.4	9428.9
35°	4453.7	5066.3	5698.8	6483.6	7253.6	8035.1	8761.3	9444.9	10058.0	10557.7	10973.9
32.5°	5065.2	5789.3	6660.3	7569.8	8464.6	9330.4	10146.2	10872.1	11511.6	12082.2	12573.4
30°	5709.8	6652.4	7670.3	8687.6	9664.7	10603.1	11477.2	12292.3	13034.9	13675.9	14224.9
27.5°	6466.6	7558.8	8692.0	9781.1	10830.8	11842.4	12837.0	13764.3	14578.2	15252.4	15936.7
25°	7217.2	8468.5	9677.1	10832.4	11965.2	13095.7	14193.6	15235.2	16184.8	17014.6	17751.6
22.5°	8009.2	9315.9	10592.5	11818.1	13102.8	14334.3	15531.8	16721.7	17813.6	18765.0	19599.3
20°	8737.8	10093.1	11444.1	12812.1	14202.5	15538.6	16888.3	18172.1	19388.3	20540.7	21488.8
17.5°	9392.2	10821.6	12242.9	13684.6	15202.4	16715.5	18178.7	19570.9	20959.3	22299.2	23412.7
15°	9976.6	11475.4	12935.6	14504.5	16140.6	17770.0	19399.4	20935.4	22498.0	23981.7	25302.6
12.5°	10492.5	12038.5	13590.5	15258.4	16973.3	18671.2	20455.0	22237.1	23970.0	25570.9	27005.7
10°	10917.3	12527.6	14189.8	15919.4	17695.5	19491.3	21411.9	23323.4	25246.9	26947.7	28508.2
7.5°	11243.0	12892.4	14630.8	16426.3	18303.6	20220.5	22230.4	24246.5	26209.6	28037.5	29669.7
5°	11470.0	13137.7	14922.1	16756.2	18709.7	20716.7	22858.3	25006.4	27010.7	28900.8	30572.6
2.5°	11628.6	13301.5	15106.1	16940.0	18929.1	21007.5	23154.1	25381.9	27432.9	29372.5	31233.6
0°	11735.0	13446.4	15284.1	17095.7	19029.9	21116.3	23302.9	25478.4	27579.6	29688.3	31436.8
-2.5°	11628.6	13301.5	15106.1	16940.0	18929.1	21007.5	23154.1	25381.9	27432.9	29372.5	31233.6
-5°	11470.0	13137.7	14922.1	16756.2	18709.7	20716.7	22858.3	25006.4	27010.7	28900.8	30572.6
-7.5°	11243.0	12892.4	14630.8	16426.3	18303.6	20220.5	22230.4	24246.5	26209.6	28037.5	29669.7
-10°	10917.3	12527.6	14189.8	15919.4	17695.5	19491.3	21411.9	23323.4	25246.9	26947.7	28508.2
-12.5°	10492.5	12038.5	13590.5	15258.4	16973.3	18671.2	20455.0	22237.1	23970.0	25570.9	27005.7
-15°	9976.6	11475.4	12935.6	14504.5	16140.6	17770.0	19399.4	20935.4	22498.0	23981.7	25302.6
-17.5°	9392.2	10821.6	12242.9	13684.6	15202.4	16715.5	18178.7	19570.9	20959.3	22299.2	23412.7
-20°	8737.8	10093.1	11444.1	12812.1	14202.5	15538.6	16888.3	18172.1	19388.3	20540.7	21488.8

Classified

Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P624781 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-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°	8009.2	9315.9	10592.5	11818.1	13102.8	14334.3	15531.8	16721.7	17813.6	18765.0	19599.3
-25°	7217.2	8468.5	9677.1	10832.4	11965.2	13095.7	14193.6	15235.2	16184.8	17014.6	17751.6
-27.5°	6466.6	7558.8	8692.0	9781.1	10830.8	11842.4	12837.0	13764.3	14578.2	15252.4	15936.7
-30°	5709.8	6652.4	7670.3	8687.6	9664.7	10603.1	11477.2	12292.3	13034.9	13675.9	14224.9
-32.5°	5065.2	5789.3	6660.3	7569.8	8464.6	9330.4	10146.2	10872.1	11511.6	12082.2	12573.4
-35°	4453.7	5066.3	5698.8	6483.6	7253.6	8035.1	8761.3	9444.9	10058.0	10557.7	10973.9
-37.5°	3923.9	4412.2	4941.8	5480.3	6130.8	6768.4	7403.2	8002.2	8541.9	9036.4	9428.9
-40°	3462.0	3831.5	4262.3	4686.4	5162.3	5617.2	6157.2	6638.4	7090.9	7533.2	7906.4
-42.5°	3045.9	3356.8	3669.0	4021.3	4364.9	4726.2	5107.4	5450.2	5807.9	6154.0	6444.2
-45°	2693.1	2938.9	3186.8	3460.7	3712.8	3999.3	4268.7	4509.0	4777.3	5017.2	5217.7
-47.5°	2393.0	2572.9	2779.9	2986.7	3184.1	3397.6	3594.9	3778.9	3970.8	4134.8	4271.8
-50°	2121.1	2268.5	2427.5	2577.2	2738.5	2894.8	3035.5	3179.1	3320.6	3440.5	3541.8
-52.5°	1874.9	2002.0	2123.0	2238.9	2363.7	2477.8	2580.8	2692.1	2793.2	2879.1	2954.5
-55°	1667.5	1765.1	1858.2	1953.6	2045.9	2130.7	2211.0	2295.2	2367.8	2428.7	2478.8
-57.5°	1478.2	1554.1	1628.9	1706.7	1776.1	1837.2	1901.3	1964.7	2019.3	2065.1	2102.9
-60°	1307.7	1366.3	1430.2	1490.4	1546.4	1598.0	1648.5	1693.0	1731.7	1764.6	1791.8
-62.5°	1155.0	1206.4	1256.1	1301.2	1341.8	1382.7	1423.4	1459.0	1489.3	1513.9	1532.5
-65°	1016.5	1060.1	1101.4	1138.5	1171.8	1205.4	1234.0	1259.1	1280.5	1297.7	1310.5
-67.5°	894.7	929.3	962.2	993.3	1024.2	1050.5	1070.3	1088.1	1103.7	1115.6	1123.6
-70°	781.6	810.1	836.5	862.1	887.2	907.5	922.0	934.0	943.6	946.7	948.3
-72.5°	674.4	697.4	719.4	741.0	760.9	773.9	782.6	790.6	797.7	782.6	759.4
-75°	570.1	589.8	604.7	619.5	634.0	641.7	645.2	647.2	647.5	617.0	577.7
-77.5°	457.0	478.2	493.5	506.5	517.3	518.8	517.4	515.1	511.8	477.7	437.4
-80°	367.3	384.2	397.2	409.0	419.7	417.0	411.7	405.8	399.3	365.2	327.4
-82.5°	279.2	288.8	297.6	307.0	317.0	315.9	312.3	307.1	300.5	270.7	238.4
-85°	186.7	188.4	188.8	188.6	187.8	189.2	190.1	190.4	190.3	170.8	150.3
-87.5°	91.2	91.6	91.6	91.4	90.8	92.6	94.2	95.6	96.8	86.1	75.0
-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: P624781 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-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°	63.5	51.8	46.4	40.8	46.4	51.8	63.5	75.0	86.1	96.8	95.6
85°	129.1	107.4	102.0	96.5	102.0	107.4	129.1	150.3	170.8	190.3	190.4
82.5°	205.0	170.7	163.2	155.9	163.2	170.7	205.0	238.4	270.7	300.5	307.1
80°	288.5	248.8	241.1	233.9	241.1	248.8	288.5	327.4	365.2	399.3	405.8
77.5°	395.8	352.8	341.3	330.4	341.3	352.8	395.8	437.4	477.7	511.8	515.1
75°	536.6	493.7	484.0	475.2	484.0	493.7	536.6	577.7	617.0	647.5	647.2
72.5°	735.3	709.8	686.7	660.8	686.7	709.8	735.3	759.4	782.6	797.7	790.6
70°	950.1	951.0	947.0	939.2	947.0	951.0	950.1	948.3	946.7	943.6	934.0
67.5°	1128.6	1130.5	1136.0	1139.7	1136.0	1130.5	1128.6	1123.6	1115.6	1103.7	1088.1
65°	1319.9	1325.6	1334.1	1340.2	1334.1	1325.6	1319.9	1310.5	1297.7	1280.5	1259.1
62.5°	1545.7	1553.6	1560.3	1562.9	1560.3	1553.6	1545.7	1532.5	1513.9	1489.3	1459.0
60°	1813.1	1828.0	1841.0	1848.8	1841.0	1828.0	1813.1	1791.8	1764.6	1731.7	1693.0
57.5°	2131.5	2151.0	2169.5	2182.9	2169.5	2151.0	2131.5	2102.9	2065.1	2019.3	1964.7
55°	2516.8	2542.7	2553.6	2550.4	2553.6	2542.7	2516.8	2478.8	2428.7	2367.8	2295.2
52.5°	3016.4	3062.9	3082.7	3077.6	3082.7	3062.9	3016.4	2954.5	2879.1	2793.2	2692.1
50°	3621.9	3678.4	3705.7	3705.0	3705.7	3678.4	3621.9	3541.8	3440.5	3320.6	3179.1
47.5°	4380.7	4458.7	4506.8	4525.4	4506.8	4458.7	4380.7	4271.8	4134.8	3970.8	3778.9
45°	5376.6	5491.1	5554.0	5561.2	5554.0	5491.1	5376.6	5217.7	5017.2	4777.3	4509.0
42.5°	6668.2	6828.3	6920.5	6942.2	6920.5	6828.3	6668.2	6444.2	6154.0	5807.9	5450.2
40°	8185.5	8381.3	8509.5	8594.3	8509.5	8381.3	8185.5	7906.4	7533.2	7090.9	6638.4
37.5°	9747.7	10002.3	10164.7	10190.6	10164.7	10002.3	9747.7	9428.9	9036.4	8541.9	8002.2
35°	11320.8	11582.1	11740.8	11809.2	11740.8	11582.1	11320.8	10973.9	10557.7	10058.0	9444.9
32.5°	12963.1	13258.7	13442.5	13535.5	13442.5	13258.7	12963.1	12573.4	12082.2	11511.6	10872.1
30°	14678.6	15030.8	15256.1	15384.3	15256.1	15030.8	14678.6	14224.9	13675.9	13034.9	12292.3
27.5°	16482.7	16903.8	17182.4	17288.8	17182.4	16903.8	16482.7	15936.7	15252.4	14578.2	13764.3
25°	18343.0	18798.4	19110.8	19286.1	19110.8	18798.4	18343.0	17751.6	17014.6	16184.8	15235.2
22.5°	20285.9	20826.6	21230.7	21424.4	21230.7	20826.6	20285.9	19599.3	18765.0	17813.6	16721.7
20°	22289.6	22881.1	23349.6	23551.6	23349.6	22881.1	22289.6	21488.8	20540.7	19388.3	18172.1
17.5°	24332.0	25052.1	25576.5	25831.1	25576.5	25052.1	24332.0	23412.7	22299.2	20959.3	19570.9
15°	26314.0	27077.4	27646.0	27921.2	27646.0	27077.4	26314.0	25302.6	23981.7	22498.0	20935.4
12.5°	28150.2	28960.6	29529.5	29925.9	29529.5	28960.6	28150.2	27005.7	25570.9	23970.0	22237.1
10°	29790.7	30674.7	31252.2	31663.3	31252.2	30674.7	29790.7	28508.2	26947.7	25246.9	23323.4
7.5°	31020.1	32137.4	32789.1	33192.8	32789.1	32137.4	31020.1	29669.7	28037.5	26209.6	24246.5
5°	31965.5	33195.9	33786.8	34169.2	33786.8	33195.9	31965.5	30572.6	28900.8	27010.7	25006.4
2.5°	32655.9	33625.9	34367.2	34748.3	34367.2	33625.9	32655.9	31233.6	29372.5	27432.9	25381.9
0°	32925.5	34068.9	34592.4	34841.1	34592.4	34068.9	32925.5	31436.8	29688.3	27579.6	25478.4
-2.5°	32655.9	33625.9	34367.2	34748.3	34367.2	33625.9	32655.9	31233.6	29372.5	27432.9	25381.9
-5°	31965.5	33195.9	33786.8	34169.2	33786.8	33195.9	31965.5	30572.6	28900.8	27010.7	25006.4
-7.5°	31020.1	32137.4	32789.1	33192.8	32789.1	32137.4	31020.1	29669.7	28037.5	26209.6	24246.5
-10°	29790.7	30674.7	31252.2	31663.3	31252.2	30674.7	29790.7	28508.2	26947.7	25246.9	23323.4
-12.5°	28150.2	28960.6	29529.5	29925.9	29529.5	28960.6	28150.2	27005.7	25570.9	23970.0	22237.1
-15°	26314.0	27077.4	27646.0	27921.2	27646.0	27077.4	26314.0	25302.6	23981.7	22498.0	20935.4
-17.5°	24332.0	25052.1	25576.5	25831.1	25576.5	25052.1	24332.0	23412.7	22299.2	20959.3	19570.9
-20°	22289.6	22881.1	23349.6	23551.6	23349.6	22881.1	22289.6	21488.8	20540.7	19388.3	18172.1



REPORT NUMBER: P624781 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-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°	20285.9	20826.6	21230.7	21424.4	21230.7	20826.6	20285.9	19599.3	18765.0	17813.6	16721.7
-25°	18343.0	18798.4	19110.8	19286.1	19110.8	18798.4	18343.0	17751.6	17014.6	16184.8	15235.2
-27.5°	16482.7	16903.8	17182.4	17288.8	17182.4	16903.8	16482.7	15936.7	15252.4	14578.2	13764.3
-30°	14678.6	15030.8	15256.1	15384.3	15256.1	15030.8	14678.6	14224.9	13675.9	13034.9	12292.3
-32.5°	12963.1	13258.7	13442.5	13535.5	13442.5	13258.7	12963.1	12573.4	12082.2	11511.6	10872.1
-35°	11320.8	11582.1	11740.8	11809.2	11740.8	11582.1	11320.8	10973.9	10557.7	10058.0	9444.9
-37.5°	9747.7	10002.3	10164.7	10190.6	10164.7	10002.3	9747.7	9428.9	9036.4	8541.9	8002.2
-40°	8185.5	8381.3	8509.5	8594.3	8509.5	8381.3	8185.5	7906.4	7533.2	7090.9	6638.4
-42.5°	6668.2	6828.3	6920.5	6942.2	6920.5	6828.3	6668.2	6444.2	6154.0	5807.9	5450.2
-45°	5376.6	5491.1	5554.0	5561.2	5554.0	5491.1	5376.6	5217.7	5017.2	4777.3	4509.0
-47.5°	4380.7	4458.7	4506.8	4525.4	4506.8	4458.7	4380.7	4271.8	4134.8	3970.8	3778.9
-50°	3621.9	3678.4	3705.7	3705.0	3705.7	3678.4	3621.9	3541.8	3440.5	3320.6	3179.1
-52.5°	3016.4	3062.9	3082.7	3077.6	3082.7	3062.9	3016.4	2954.5	2879.1	2793.2	2692.1
-55°	2516.8	2542.7	2553.6	2550.4	2553.6	2542.7	2516.8	2478.8	2428.7	2367.8	2295.2
-57.5°	2131.5	2151.0	2169.5	2182.9	2169.5	2151.0	2131.5	2102.9	2065.1	2019.3	1964.7
-60°	1813.1	1828.0	1841.0	1848.8	1841.0	1828.0	1813.1	1791.8	1764.6	1731.7	1693.0
-62.5°	1545.7	1553.6	1560.3	1562.9	1560.3	1553.6	1545.7	1532.5	1513.9	1489.3	1459.0
-65°	1319.9	1325.6	1334.1	1340.2	1334.1	1325.6	1319.9	1310.5	1297.7	1280.5	1259.1
-67.5°	1128.6	1130.5	1136.0	1139.7	1136.0	1130.5	1128.6	1123.6	1115.6	1103.7	1088.1
-70°	950.1	951.0	947.0	939.2	947.0	951.0	950.1	948.3	946.7	943.6	934.0
-72.5°	735.3	709.8	686.7	660.8	686.7	709.8	735.3	759.4	782.6	797.7	790.6
-75°	536.6	493.7	484.0	475.2	484.0	493.7	536.6	577.7	617.0	647.5	647.2
-77.5°	395.8	352.8	341.3	330.4	341.3	352.8	395.8	437.4	477.7	511.8	515.1
-80°	288.5	248.8	241.1	233.9	241.1	248.8	288.5	327.4	365.2	399.3	405.8
-82.5°	205.0	170.7	163.2	155.9	163.2	170.7	205.0	238.4	270.7	300.5	307.1
-85°	129.1	107.4	102.0	96.5	102.0	107.4	129.1	150.3	170.8	190.3	190.4
-87.5°	63.5	51.8	46.4	40.8	46.4	51.8	63.5	75.0	86.1	96.8	95.6
-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: P624781 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-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°	94.2	92.6	90.8	91.4	91.6	91.6	91.2	83.2	75.3	67.7	60.5
85°	190.1	189.2	187.8	188.6	188.8	188.4	186.7	169.1	152.2	135.9	121.3
82.5°	312.3	315.9	317.0	307.0	297.6	288.8	279.2	252.9	227.3	202.6	182.3
80°	411.7	417.0	419.7	409.0	397.2	384.2	367.3	334.7	300.1	265.7	242.5
77.5°	517.4	518.8	517.3	506.5	493.5	478.2	457.0	424.0	391.0	355.4	329.8
75°	645.2	641.7	634.0	619.5	604.7	589.8	570.1	540.4	505.6	465.7	434.9
72.5°	782.6	773.9	760.9	741.0	719.4	697.4	674.4	648.2	619.2	587.4	557.6
70°	922.0	907.5	887.2	862.1	836.5	810.1	781.6	751.6	720.5	687.3	656.6
67.5°	1070.3	1050.5	1024.2	993.3	962.2	929.3	894.7	857.2	820.3	783.4	750.3
65°	1234.0	1205.4	1171.8	1138.5	1101.4	1060.1	1016.5	973.6	930.1	884.1	842.9
62.5°	1423.4	1382.7	1341.8	1301.2	1256.1	1206.4	1155.0	1103.9	1049.4	993.3	944.3
60°	1648.5	1598.0	1546.4	1490.4	1430.2	1366.3	1307.7	1244.9	1178.1	1115.7	1051.5
57.5°	1901.3	1837.2	1776.1	1706.7	1628.9	1554.1	1478.2	1397.2	1321.5	1244.2	1166.6
55°	2211.0	2130.7	2045.9	1953.6	1858.2	1765.1	1667.5	1571.9	1478.2	1377.7	1291.0
52.5°	2580.8	2477.8	2363.7	2238.9	2123.0	2002.0	1874.9	1763.7	1646.6	1534.3	1422.1
50°	3035.5	2894.8	2738.5	2577.2	2427.5	2268.5	2121.1	1974.3	1832.1	1699.7	1567.8
47.5°	3594.9	3397.6	3184.1	2986.7	2779.9	2572.9	2393.0	2208.5	2043.2	1874.3	1726.7
45°	4268.7	3999.3	3712.8	3460.7	3186.8	2938.9	2693.1	2477.6	2269.1	2078.6	1889.5
42.5°	5107.4	4726.2	4364.9	4021.3	3669.0	3356.8	3045.9	2777.0	2522.9	2291.6	2078.7
40°	6157.2	5617.2	5162.3	4686.4	4262.3	3831.5	3462.0	3103.8	2807.7	2526.4	2270.1
37.5°	7403.2	6768.4	6130.8	5480.3	4941.8	4412.2	3923.9	3497.8	3106.9	2784.1	2484.1
35°	8761.3	8035.1	7253.6	6483.6	5698.8	5066.3	4453.7	3921.0	3463.4	3055.1	2705.8
32.5°	10146.2	9330.4	8464.6	7569.8	6660.3	5789.3	5065.2	4398.7	3827.2	3361.6	2949.2
30°	11477.2	10603.1	9664.7	8687.6	7670.3	6652.4	5709.8	4936.9	4257.3	3668.7	3193.3
27.5°	12837.0	11842.4	10830.8	9781.1	8692.0	7558.8	6466.6	5483.0	4689.3	4023.9	3462.1
25°	14193.6	13095.7	11965.2	10832.4	9677.1	8468.5	7217.2	6107.3	5162.9	4378.0	3705.1
22.5°	15531.8	14334.3	13102.8	11818.1	10592.5	9315.9	8009.2	6711.1	5600.7	4726.2	3987.1
20°	16888.3	15538.6	14202.5	12812.1	11444.1	10093.1	8737.8	7350.2	6118.8	5087.3	4248.8
17.5°	18178.7	16715.5	15202.4	13684.6	12242.9	10821.6	9392.2	7967.5	6594.3	5414.3	4478.2
15°	19399.4	17770.0	16140.6	14504.5	12935.6	11475.4	9976.6	8502.8	7042.9	5759.2	4734.3
12.5°	20455.0	18671.2	16973.3	15258.4	13590.5	12038.5	10492.5	8966.2	7467.4	6090.8	4964.8
10°	21411.9	19491.3	17695.5	15919.4	14189.8	12527.6	10917.3	9350.8	7809.3	6361.7	5150.8
7.5°	22230.4	20220.5	18303.6	16426.3	14630.8	12892.4	11243.0	9649.8	8076.9	6571.4	5292.1
5°	22858.3	20716.7	18709.7	16756.2	14922.1	13137.7	11470.0	9860.1	8267.2	6718.0	5388.6
2.5°	23154.1	21007.5	18929.1	16940.0	15106.1	13301.5	11628.6	10002.8	8385.0	6828.1	5463.3
0°	23302.9	21116.3	19029.9	17095.7	15284.1	13446.4	11735.0	10075.5	8423.5	6879.1	5494.4
-2.5°	23154.1	21007.5	18929.1	16940.0	15106.1	13301.5	11628.6	10002.8	8385.0	6828.1	5463.3
-5°	22858.3	20716.7	18709.7	16756.2	14922.1	13137.7	11470.0	9860.1	8267.2	6718.0	5388.6
-7.5°	22230.4	20220.5	18303.6	16426.3	14630.8	12892.4	11243.0	9649.8	8076.9	6571.4	5292.1
-10°	21411.9	19491.3	17695.5	15919.4	14189.8	12527.6	10917.3	9350.8	7809.3	6361.7	5150.8
-12.5°	20455.0	18671.2	16973.3	15258.4	13590.5	12038.5	10492.5	8966.2	7467.4	6090.8	4964.8
-15°	19399.4	17770.0	16140.6	14504.5	12935.6	11475.4	9976.6	8502.8	7042.9	5759.2	4734.3
-17.5°	18178.7	16715.5	15202.4	13684.6	12242.9	10821.6	9392.2	7967.5	6594.3	5414.3	4478.2
-20°	16888.3	15538.6	14202.5	12812.1	11444.1	10093.1	8737.8	7350.2	6118.8	5087.3	4248.8



REPORT NUMBER: P624781 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-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°	15531.8	14334.3	13102.8	11818.1	10592.5	9315.9	8009.2	6711.1	5600.7	4726.2	3987.1
-25°	14193.6	13095.7	11965.2	10832.4	9677.1	8468.5	7217.2	6107.3	5162.9	4378.0	3705.1
-27.5°	12837.0	11842.4	10830.8	9781.1	8692.0	7558.8	6466.6	5483.0	4689.3	4023.9	3462.1
-30°	11477.2	10603.1	9664.7	8687.6	7670.3	6652.4	5709.8	4936.9	4257.3	3668.7	3193.3
-32.5°	10146.2	9330.4	8464.6	7569.8	6660.3	5789.3	5065.2	4398.7	3827.2	3361.6	2949.2
-35°	8761.3	8035.1	7253.6	6483.6	5698.8	5066.3	4453.7	3921.0	3463.4	3055.1	2705.8
-37.5°	7403.2	6768.4	6130.8	5480.3	4941.8	4412.2	3923.9	3497.8	3106.9	2784.1	2484.1
-40°	6157.2	5617.2	5162.3	4686.4	4262.3	3831.5	3462.0	3103.8	2807.7	2526.4	2270.1
-42.5°	5107.4	4726.2	4364.9	4021.3	3669.0	3356.8	3045.9	2777.0	2522.9	2291.6	2078.7
-45°	4268.7	3999.3	3712.8	3460.7	3186.8	2938.9	2693.1	2477.6	2269.1	2078.6	1889.5
-47.5°	3594.9	3397.6	3184.1	2986.7	2779.9	2572.9	2393.0	2208.5	2043.2	1874.3	1726.7
-50°	3035.5	2894.8	2738.5	2577.2	2427.5	2268.5	2121.1	1974.3	1832.1	1699.7	1567.8
-52.5°	2580.8	2477.8	2363.7	2238.9	2123.0	2002.0	1874.9	1763.7	1646.6	1534.3	1422.1
-55°	2211.0	2130.7	2045.9	1953.6	1858.2	1765.1	1667.5	1571.9	1478.2	1377.7	1291.0
-57.5°	1901.3	1837.2	1776.1	1706.7	1628.9	1554.1	1478.2	1397.2	1321.5	1244.2	1166.6
-60°	1648.5	1598.0	1546.4	1490.4	1430.2	1366.3	1307.7	1244.9	1178.1	1115.7	1051.5
-62.5°	1423.4	1382.7	1341.8	1301.2	1256.1	1206.4	1155.0	1103.9	1049.4	993.3	944.3
-65°	1234.0	1205.4	1171.8	1138.5	1101.4	1060.1	1016.5	973.6	930.1	884.1	842.9
-67.5°	1070.3	1050.5	1024.2	993.3	962.2	929.3	894.7	857.2	820.3	783.4	750.3
-70°	922.0	907.5	887.2	862.1	836.5	810.1	781.6	751.6	720.5	687.3	656.6
-72.5°	782.6	773.9	760.9	741.0	719.4	697.4	674.4	648.2	619.2	587.4	557.6
-75°	645.2	641.7	634.0	619.5	604.7	589.8	570.1	540.4	505.6	465.7	434.9
-77.5°	517.4	518.8	517.3	506.5	493.5	478.2	457.0	424.0	391.0	355.4	329.8
-80°	411.7	417.0	419.7	409.0	397.2	384.2	367.3	334.7	300.1	265.7	242.5
-82.5°	312.3	315.9	317.0	307.0	297.6	288.8	279.2	252.9	227.3	202.6	182.3
-85°	190.1	189.2	187.8	188.6	188.8	188.4	186.7	169.1	152.2	135.9	121.3
-87.5°	94.2	92.6	90.8	91.4	91.6	91.6	91.2	83.2	75.3	67.7	60.5
-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: P624781 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-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°	64.7	68.1	70.7	72.4	69.3	65.9	62.1	58.1	53.6	48.9	43.8
85°	128.7	134.9	139.8	143.2	137.8	131.8	124.3	116.1	107.2	97.7	87.6
82.5°	192.4	200.2	206.2	209.2	201.1	192.1	182.1	171.1	159.0	146.2	131.3
80°	257.3	268.7	276.6	278.7	266.8	252.4	239.0	224.2	207.7	190.4	172.0
77.5°	336.8	343.5	350.0	352.0	339.2	323.0	303.5	279.8	256.3	234.3	211.2
75°	428.1	428.6	429.5	423.6	408.1	394.2	372.3	342.8	307.6	278.0	250.2
72.5°	534.1	517.1	507.2	493.3	469.7	449.1	431.6	404.1	358.7	319.8	287.4
70°	629.1	603.1	579.6	556.0	529.1	501.7	477.2	446.5	407.8	360.2	319.7
67.5°	715.3	681.8	650.3	618.3	586.9	555.1	522.4	484.1	442.0	398.9	350.8
65°	804.4	763.1	719.9	682.9	645.5	608.1	571.3	522.7	475.7	429.1	380.6
62.5°	895.7	848.2	799.8	749.6	704.5	662.0	618.3	564.3	509.6	458.7	407.4
60°	988.5	933.9	879.1	823.0	767.2	715.4	664.6	605.1	546.3	487.6	433.0
57.5°	1094.2	1020.2	957.7	895.6	833.3	772.1	710.5	646.7	582.1	518.7	456.4
55°	1203.1	1120.6	1040.2	968.4	899.1	831.1	758.3	688.4	617.6	549.6	474.9
52.5°	1318.5	1222.5	1131.0	1044.2	965.9	888.4	809.6	729.4	654.8	579.5	494.4
50°	1443.8	1328.5	1223.6	1125.3	1032.8	946.9	859.7	774.5	691.3	609.5	512.6
47.5°	1578.6	1444.6	1320.4	1206.5	1104.7	1003.2	910.5	819.1	726.8	641.2	529.1
45°	1725.6	1567.2	1422.7	1294.0	1172.3	1063.1	959.8	862.4	765.6	663.4	543.8
42.5°	1872.2	1697.1	1533.1	1378.8	1247.0	1123.0	1007.1	905.0	803.2	683.9	559.7
40°	2041.3	1827.9	1643.1	1475.7	1320.6	1180.7	1058.7	945.6	838.2	704.5	576.3
37.5°	2207.3	1969.9	1758.7	1566.9	1394.3	1245.2	1108.9	984.2	864.4	726.8	591.4
35°	2398.5	2118.5	1865.9	1660.1	1473.4	1306.4	1156.6	1023.0	892.2	748.1	605.1
32.5°	2584.5	2267.3	1990.9	1753.5	1547.3	1364.2	1206.2	1062.8	921.2	768.1	617.4
30°	2788.4	2423.9	2109.2	1840.8	1619.3	1426.4	1255.4	1100.7	951.3	787.0	629.2
27.5°	2981.6	2568.3	2223.3	1936.3	1693.7	1484.4	1301.1	1136.6	982.2	806.6	642.9
25°	3173.5	2724.9	2345.9	2028.2	1762.1	1538.1	1343.1	1170.4	1011.8	829.2	655.1
22.5°	3380.9	2876.8	2456.3	2110.9	1826.4	1587.4	1384.5	1204.9	1038.5	851.2	665.7
20°	3569.9	3014.0	2555.6	2192.6	1892.4	1640.2	1424.5	1235.9	1062.9	872.2	674.5
17.5°	3746.6	3154.9	2671.1	2278.9	1956.1	1687.3	1459.9	1263.3	1084.8	892.0	681.6
15°	3936.2	3296.1	2776.0	2354.6	2011.7	1728.4	1490.6	1287.1	1104.1	910.2	688.2
12.5°	4098.6	3415.1	2865.3	2419.2	2059.0	1763.4	1516.6	1307.1	1120.5	926.3	694.3
10°	4232.2	3511.5	2938.5	2472.5	2097.6	1792.1	1537.7	1323.6	1133.1	939.7	697.8
7.5°	4336.1	3585.1	2995.5	2514.2	2127.9	1815.8	1555.8	1337.1	1142.5	949.7	698.8
5°	4412.4	3642.3	3034.2	2544.5	2150.3	1834.7	1569.4	1346.9	1148.6	956.3	697.2
2.5°	4469.8	3688.3	3055.0	2562.9	2163.7	1847.0	1578.0	1353.0	1151.5	959.1	693.2
0°	4495.7	3712.4	3059.0	2569.0	2168.1	1852.5	1581.5	1355.0	1150.9	957.8	686.8
-2.5°	4469.8	3688.3	3055.0	2562.9	2163.7	1847.0	1578.0	1353.0	1151.5	959.1	693.2
-5°	4412.4	3642.3	3034.2	2544.5	2150.3	1834.7	1569.4	1346.9	1148.6	956.3	697.2
-7.5°	4336.1	3585.1	2995.5	2514.2	2127.9	1815.8	1555.8	1337.1	1142.5	949.7	698.8
-10°	4232.2	3511.5	2938.5	2472.5	2097.6	1792.1	1537.7	1323.6	1133.1	939.7	697.8
-12.5°	4098.6	3415.1	2865.3	2419.2	2059.0	1763.4	1516.6	1307.1	1120.5	926.3	694.3
-15°	3936.2	3296.1	2776.0	2354.6	2011.7	1728.4	1490.6	1287.1	1104.1	910.2	688.2
-17.5°	3746.6	3154.9	2671.1	2278.9	1956.1	1687.3	1459.9	1263.3	1084.8	892.0	681.6
-20°	3569.9	3014.0	2555.6	2192.6	1892.4	1640.2	1424.5	1235.9	1062.9	872.2	674.5

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

Scaled Data Report



REPORT NUMBER: P624781 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-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°	3380.9	2876.8	2456.3	2110.9	1826.4	1587.4	1384.5	1204.9	1038.5	851.2	665.7
-25°	3173.5	2724.9	2345.9	2028.2	1762.1	1538.1	1343.1	1170.4	1011.8	829.2	655.1
-27.5°	2981.6	2568.3	2223.3	1936.3	1693.7	1484.4	1301.1	1136.6	982.2	806.6	642.9
-30°	2788.4	2423.9	2109.2	1840.8	1619.3	1426.4	1255.4	1100.7	951.3	787.0	629.2
-32.5°	2584.5	2267.3	1990.9	1753.5	1547.3	1364.2	1206.2	1062.8	921.2	768.1	617.4
-35°	2398.5	2118.5	1865.9	1660.1	1473.4	1306.4	1156.6	1023.0	892.2	748.1	605.1
-37.5°	2207.3	1969.9	1758.7	1566.9	1394.3	1245.2	1108.9	984.2	864.4	726.8	591.4
-40°	2041.3	1827.9	1643.1	1475.7	1320.6	1180.7	1058.7	945.6	838.2	704.5	576.3
-42.5°	1872.2	1697.1	1533.1	1378.8	1247.0	1123.0	1007.1	905.0	803.2	683.9	559.7
-45°	1725.6	1567.2	1422.7	1294.0	1172.3	1063.1	959.8	862.4	765.6	663.4	543.8
-47.5°	1578.6	1444.6	1320.4	1206.5	1104.7	1003.2	910.5	819.1	726.8	641.2	529.1
-50°	1443.8	1328.5	1223.6	1125.3	1032.8	946.9	859.7	774.5	691.3	609.5	512.6
-52.5°	1318.5	1222.5	1131.0	1044.2	965.9	888.4	809.6	729.4	654.8	579.5	494.4
-55°	1203.1	1120.6	1040.2	968.4	899.1	831.1	758.3	688.4	617.6	549.6	474.9
-57.5°	1094.2	1020.2	957.7	895.6	833.3	772.1	710.5	646.7	582.1	518.7	456.4
-60°	988.5	933.9	879.1	823.0	767.2	715.4	664.6	605.1	546.3	487.6	433.0
-62.5°	895.7	848.2	799.8	749.6	704.5	662.0	618.3	564.3	509.6	458.7	407.4
-65°	804.4	763.1	719.9	682.9	645.5	608.1	571.3	522.7	475.7	429.1	380.6
-67.5°	715.3	681.8	650.3	618.3	586.9	555.1	522.4	484.1	442.0	398.9	350.8
-70°	629.1	603.1	579.6	556.0	529.1	501.7	477.2	446.5	407.8	360.2	319.7
-72.5°	534.1	517.1	507.2	493.3	469.7	449.1	431.6	404.1	358.7	319.8	287.4
-75°	428.1	428.6	429.5	423.6	408.1	394.2	372.3	342.8	307.6	278.0	250.2
-77.5°	336.8	343.5	350.0	352.0	339.2	323.0	303.5	279.8	256.3	234.3	211.2
-80°	257.3	268.7	276.6	278.7	266.8	252.4	239.0	224.2	207.7	190.4	172.0
-82.5°	192.4	200.2	206.2	209.2	201.1	192.1	182.1	171.1	159.0	146.2	131.3
-85°	128.7	134.9	139.8	143.2	137.8	131.8	124.3	116.1	107.2	97.7	87.6
-87.5°	64.7	68.1	70.7	72.4	69.3	65.9	62.1	58.1	53.6	48.9	43.8
-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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Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P624781 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-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°	38.4	29.1	20.9	13.9	8.1	3.6	0.0
85°	76.6	58.1	41.8	27.8	16.1	7.3	0.0
82.5°	114.5	86.8	62.4	41.5	24.2	10.9	0.0
80°	151.3	115.1	82.8	55.1	32.1	14.5	0.0
77.5°	183.9	141.4	102.8	68.5	39.9	18.0	0.0
75°	215.6	164.4	121.7	81.6	47.7	21.5	0.0
72.5°	246.1	186.6	136.9	94.3	55.2	25.0	0.0
70°	274.3	207.9	151.4	106.1	62.6	28.4	0.0
67.5°	295.8	228.0	165.3	114.7	69.9	31.7	0.0
65°	316.2	245.4	178.3	122.9	76.9	34.9	0.0
62.5°	335.4	260.4	190.5	130.6	83.7	38.1	0.0
60°	353.4	274.5	201.7	137.8	90.2	41.1	0.0
57.5°	370.1	287.5	211.5	144.4	94.5	44.1	0.0
55°	385.6	299.4	220.5	150.3	98.7	46.9	0.0
52.5°	400.0	310.5	228.8	155.7	102.6	49.7	0.0
50°	413.2	321.3	236.3	160.4	106.4	52.3	0.0
47.5°	425.4	331.1	242.9	164.6	110.0	54.8	0.0
45°	437.9	339.9	248.6	168.8	113.5	57.1	0.0
42.5°	448.9	347.6	253.6	172.5	116.7	59.3	0.0
40°	458.5	354.4	258.3	177.2	119.7	61.4	0.0
37.5°	466.6	360.0	262.9	182.3	122.5	63.4	0.0
35°	473.2	365.3	266.7	187.0	125.1	65.1	0.0
32.5°	479.8	369.8	269.6	191.2	127.5	66.8	0.0
30°	488.5	373.1	271.8	195.1	129.7	68.3	0.0
27.5°	495.8	375.2	276.9	198.5	131.7	69.6	0.0
25°	501.6	376.1	281.6	201.5	133.4	70.8	0.0
22.5°	506.0	377.9	285.7	204.1	134.9	71.8	0.0
20°	508.8	383.4	289.0	206.2	136.1	72.7	0.0
17.5°	514.1	388.1	291.5	207.9	137.1	73.4	0.0
15°	519.9	392.1	293.3	209.2	137.9	74.0	0.0
12.5°	523.7	395.2	294.4	210.0	138.4	74.4	0.0
10°	525.6	397.5	294.8	210.5	138.7	74.7	0.0
7.5°	525.7	398.8	294.5	210.5	138.7	74.8	0.0
5°	524.0	399.3	293.6	210.0	138.5	74.7	0.0
2.5°	520.8	398.7	291.9	209.2	138.1	74.5	0.0
0°	516.0	397.2	289.6	207.9	137.4	74.2	0.0
-2.5°	520.8	398.7	291.9	209.2	138.1	74.5	0.0
-5°	524.0	399.3	293.6	210.0	138.5	74.7	0.0
-7.5°	525.7	398.8	294.5	210.5	138.7	74.8	0.0
-10°	525.6	397.5	294.8	210.5	138.7	74.7	0.0
-12.5°	523.7	395.2	294.4	210.0	138.4	74.4	0.0
-15°	519.9	392.1	293.3	209.2	137.9	74.0	0.0
-17.5°	514.1	388.1	291.5	207.9	137.1	73.4	0.0
-20°	508.8	383.4	289.0	206.2	136.1	72.7	0.0

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REPORT NUMBER: P624781 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-66

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	506.0	377.9	285.7	204.1	134.9	71.8	0.0
-25°	501.6	376.1	281.6	201.5	133.4	70.8	0.0
-27.5°	495.8	375.2	276.9	198.5	131.7	69.6	0.0
-30°	488.5	373.1	271.8	195.1	129.7	68.3	0.0
-32.5°	479.8	369.8	269.6	191.2	127.5	66.8	0.0
-35°	473.2	365.3	266.7	187.0	125.1	65.1	0.0
-37.5°	466.6	360.0	262.9	182.3	122.5	63.4	0.0
-40°	458.5	354.4	258.3	177.2	119.7	61.4	0.0
-42.5°	448.9	347.6	253.6	172.5	116.7	59.3	0.0
-45°	437.9	339.9	248.6	168.8	113.5	57.1	0.0
-47.5°	425.4	331.1	242.9	164.6	110.0	54.8	0.0
-50°	413.2	321.3	236.3	160.4	106.4	52.3	0.0
-52.5°	400.0	310.5	228.8	155.7	102.6	49.7	0.0
-55°	385.6	299.4	220.5	150.3	98.7	46.9	0.0
-57.5°	370.1	287.5	211.5	144.4	94.5	44.1	0.0
-60°	353.4	274.5	201.7	137.8	90.2	41.1	0.0
-62.5°	335.4	260.4	190.5	130.6	83.7	38.1	0.0
-65°	316.2	245.4	178.3	122.9	76.9	34.9	0.0
-67.5°	295.8	228.0	165.3	114.7	69.9	31.7	0.0
-70°	274.3	207.9	151.4	106.1	62.6	28.4	0.0
-72.5°	246.1	186.6	136.9	94.3	55.2	25.0	0.0
-75°	215.6	164.4	121.7	81.6	47.7	21.5	0.0
-77.5°	183.9	141.4	102.8	68.5	39.9	18.0	0.0
-80°	151.3	115.1	82.8	55.1	32.1	14.5	0.0
-82.5°	114.5	86.8	62.4	41.5	24.2	10.9	0.0
-85°	76.6	58.1	41.8	27.8	16.1	7.3	0.0
-87.5°	38.4	29.1	20.9	13.9	8.1	3.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)