

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: P624776 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-VN-06-E-PRO-5700K-11**

Issue Date: 11/8/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P624776 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2101-121-55)  
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-11  
Description: EPHESUS LUMAVISION CCT TUNING FLOOD  
3000K AND TYPE 11 OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

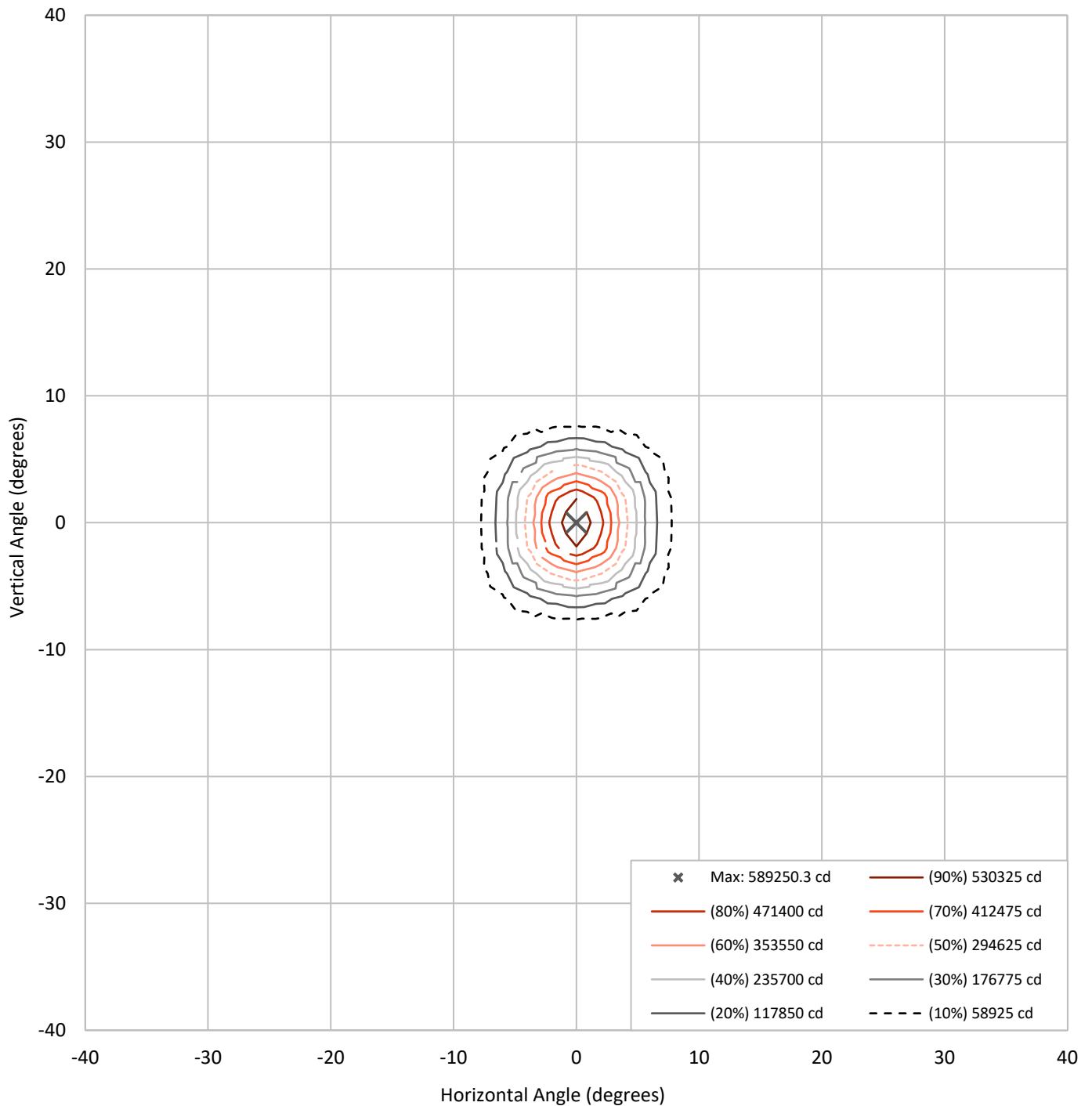
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	19633.5 lumens	Max Intensity:	589250.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	69.3 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	8.3°H x 8.9°V	Field Angle (10%):	14.9°H x 14.6°V
Beam Lumens:	8831.3 lumens	Field Lumens:	13930.7 lumens
Beam Efficiency:	45.0%	Field Efficiency:	71.0%
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-11

### Iso-Candela Plot





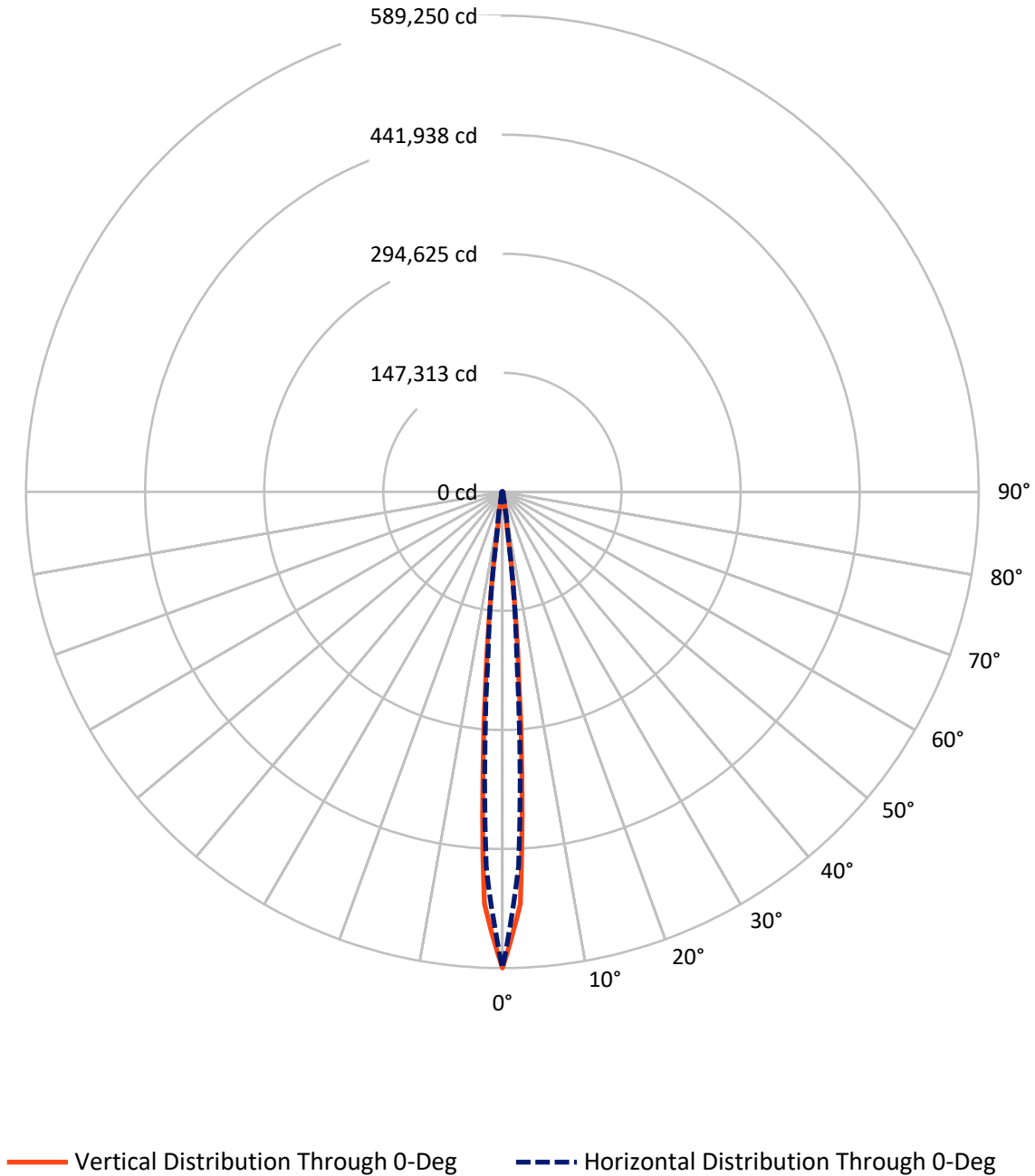
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### Lumen Table

90	0.1	0.7		2.7		6.1		10.7		6.1		2.7		0.7		0.1			
80	0.1	0.7		2.7		6.1		10.7		6.1		2.7		0.7		0.1			
70	0.4	0.5	1.3	2.7	4.2	5.2	8.6	15.7	15.7	8.6	5.2	4.2	2.7	1.3	0.5	0.4			
60		1.0	2.4	5.0	7.8	10.2	13.6	19.2	19.2	13.6	10.2	7.8	5.0	2.4	1.0				
50	1.4	1.8	3.7	7.7	12.8	18.9	24.6	30.2	30.2	24.6	18.9	12.8	7.7	3.7	1.8	1.4			
40		2.8	5.2	11.0	19.8	26.5	29.5	31.4	31.4	29.5	26.5	19.8	11.0	5.2	2.8				
30	2.7	4.0	7.2	15.4	24.3	27.8	36.9	49.1	49.1	36.9	27.8	24.3	15.4	7.2	4.0	2.7			
20		5.5	10.2	20.3	26.7	35.8	71.7	137.9	137.9	71.7	35.8	26.7	20.3	10.2	5.5				
10	3.1	6.2	12.4	23.0	27.9	47.1	142.8	3832.0	3832.0	142.8	47.1	27.9	23.0	12.4	6.2	3.1			
0		6.2	12.4	23.0	27.9	47.1	142.8	3832.0	3832.0	142.8	47.1	27.9	23.0	12.4	6.2				
-10	2.7	5.5	10.2	20.3	26.7	35.8	71.7	137.9	137.9	71.7	35.8	26.7	20.3	10.2	5.5	2.7			
-20		4.0	7.2	15.4	24.3	27.8	36.9	49.1	49.1	36.9	27.8	24.3	15.4	7.2	4.0				
-30	1.4	2.8	5.2	11.0	19.8	26.5	29.5	31.4	31.4	29.5	26.5	19.8	11.0	5.2	2.8	1.4			
-40		1.8	3.7	7.7	12.8	18.9	24.6	30.2	30.2	24.6	18.9	12.8	7.7	3.7	1.8				
-50	0.4	1.0	2.4	5.0	7.8	10.2	13.6	19.2	19.2	13.6	10.2	7.8	5.0	2.4	1.0	0.4			
-60		0.5	1.3	2.7	4.2	5.2	8.6	15.7	15.7	8.6	5.2	4.2	2.7	1.3	0.5				
-70	0.1	0.7		2.7		6.1		10.7		6.1		2.7		0.7		0.1			
-80		0.7		2.7		6.1		10.7		6.1		2.7		0.7					
-90	0.1	0.7		2.7		6.1		10.7		6.1		2.7		0.7		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

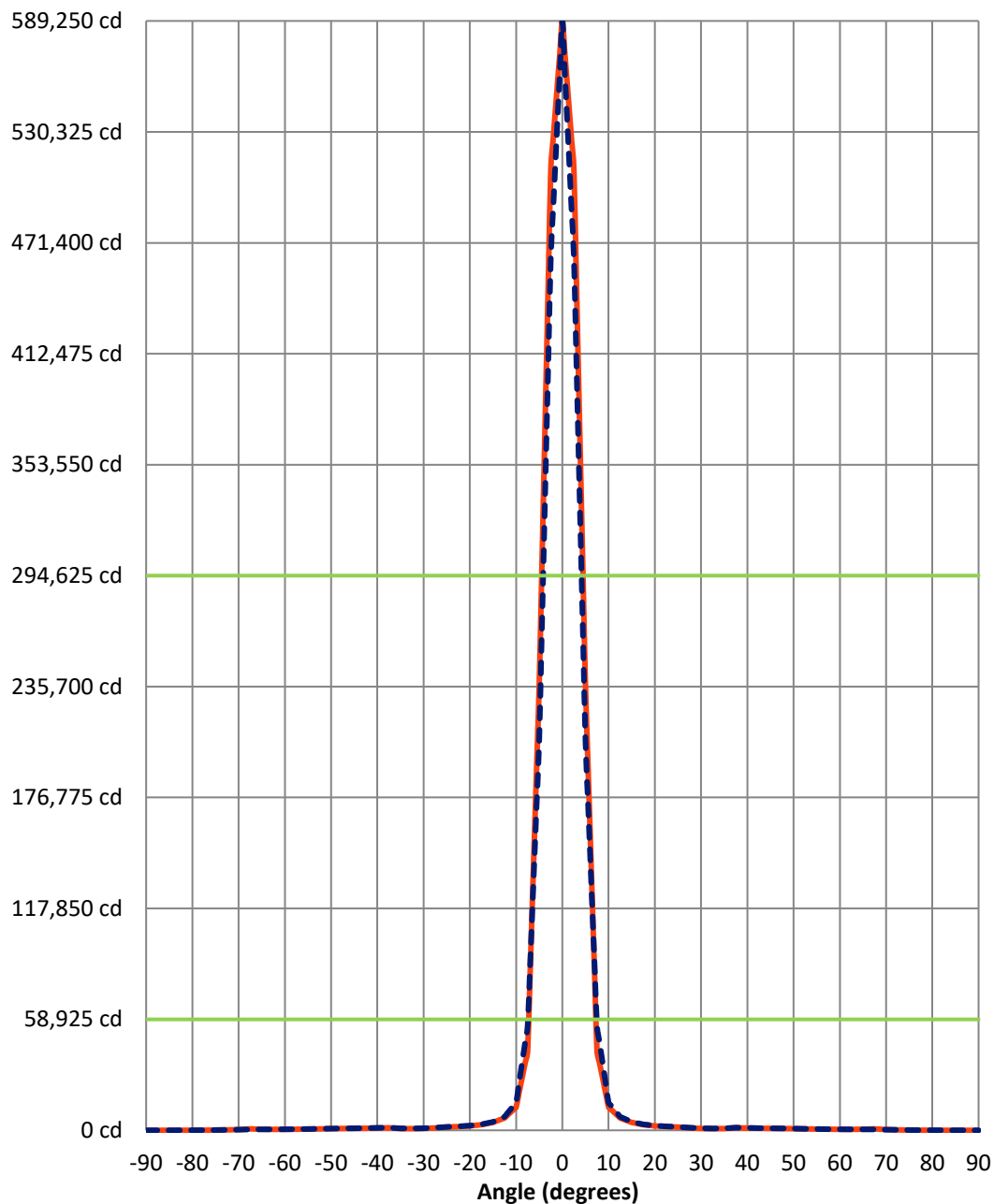
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 8.3°  
 V Angle: 8.9°  
 Lumens: 8831.3  
 Efficiency: 45.0%

**Field:**  
 H Angle: 14.9°  
 V Angle: 14.6°  
 Lumens: 13930.7  
 Efficiency: 71.0%

**Spill:**  
 Lumens: 5702.8  
 Efficiency: 29.0%

— 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	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	2.0	2.2
85°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.5	3.9	4.3
82.5°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	4.6	5.1	5.1	5.1
80°	0.0	0.9	1.8	2.6	3.5	4.4	5.1	5.1	5.1	5.1	5.1
77.5°	0.0	1.1	2.2	3.3	4.4	5.1	5.1	5.1	5.1	5.1	6.6
75°	0.0	1.3	2.6	3.9	5.1	5.1	5.1	5.1	5.6	9.3	13.0
72.5°	0.0	1.5	3.1	4.6	5.1	5.1	5.1	6.3	10.7	15.0	19.3
70°	0.0	1.7	3.5	5.1	5.1	5.1	5.6	10.7	15.7	20.6	24.3
67.5°	0.0	2.0	3.9	5.1	5.1	5.1	9.5	15.0	20.6	25.8	29.2
65°	0.0	2.2	4.3	5.1	5.1	6.8	13.3	19.3	26.1	31.2	35.6
62.5°	0.0	2.4	4.7	5.1	5.1	10.2	17.2	24.3	31.7	37.6	45.0
60°	0.0	2.5	5.1	5.1	5.1	13.6	21.1	29.8	37.4	46.9	54.7
57.5°	0.0	2.7	5.1	5.1	7.8	17.0	26.4	35.5	45.7	56.5	65.9
55°	0.0	2.9	5.1	5.1	10.5	20.3	32.1	41.6	54.8	66.5	78.0
52.5°	0.0	3.1	5.1	5.1	13.2	23.9	37.8	50.3	63.9	78.0	90.4
50°	0.0	3.3	5.1	5.1	15.9	29.0	43.7	59.8	73.5	89.7	104.7
47.5°	0.0	3.4	5.1	5.6	18.5	34.1	50.1	69.6	84.2	101.5	119.8
45°	0.0	3.6	5.1	7.5	21.1	39.3	59.0	79.8	96.9	115.9	135.6
42.5°	0.0	3.8	5.1	9.4	23.6	44.4	68.0	91.0	110.2	130.8	154.4
40°	0.0	3.9	5.1	11.2	26.9	49.5	77.2	103.0	124.8	146.5	174.4
37.5°	0.0	4.0	5.1	12.9	30.8	54.7	86.5	115.2	141.5	166.5	195.2
35°	0.0	4.2	5.1	14.5	34.7	61.3	96.0	127.7	158.6	189.0	215.1
32.5°	0.0	4.3	5.1	16.0	38.5	68.7	105.7	140.4	175.9	212.1	239.7
30°	0.0	4.4	5.1	17.4	42.2	75.9	115.9	153.6	193.5	235.7	267.8
27.5°	0.0	4.5	5.1	18.7	44.9	83.1	126.0	168.0	212.0	259.8	299.1
25°	0.0	4.6	5.1	19.9	47.1	90.1	136.0	182.4	232.0	285.4	333.0
22.5°	0.0	4.7	5.1	21.0	49.0	95.6	145.9	196.5	251.9	313.0	360.9
20°	0.0	4.8	5.1	22.0	50.5	97.6	155.5	210.4	271.5	341.8	388.5
17.5°	0.0	4.9	5.1	22.8	51.6	98.7	160.4	223.9	290.8	371.6	415.8
15°	0.0	4.9	5.1	23.6	52.5	99.0	162.1	233.3	309.6	401.8	442.8
12.5°	0.0	5.0	5.1	24.2	53.0	98.5	163.3	237.6	321.2	432.1	469.4
10°	0.0	5.0	5.1	24.8	53.2	97.4	163.9	241.2	326.4	443.5	487.9
7.5°	0.0	5.1	5.1	25.2	53.1	95.7	163.9	244.0	330.3	450.3	490.0
5°	0.0	5.1	5.1	25.5	52.8	93.3	163.1	245.8	332.9	454.8	491.6
2.5°	0.0	5.1	5.1	25.6	52.2	90.5	161.5	246.7	334.0	457.0	492.6
0°	0.0	5.1	5.1	25.7	51.4	87.3	159.2	246.5	333.8	457.1	493.0
-2.5°	0.0	5.1	5.1	25.6	52.2	90.5	161.5	246.7	334.0	457.0	492.6
-5°	0.0	5.1	5.1	25.5	52.8	93.3	163.1	245.8	332.9	454.8	491.6
-7.5°	0.0	5.1	5.1	25.2	53.1	95.7	163.9	244.0	330.3	450.3	490.0
-10°	0.0	5.0	5.1	24.8	53.2	97.4	163.9	241.2	326.4	443.5	487.9
-12.5°	0.0	5.0	5.1	24.2	53.0	98.5	163.3	237.6	321.2	432.1	469.4
-15°	0.0	4.9	5.1	23.6	52.5	99.0	162.1	233.3	309.6	401.8	442.8
-17.5°	0.0	4.9	5.1	22.8	51.6	98.7	160.4	223.9	290.8	371.6	415.8
-20°	0.0	4.8	5.1	22.0	50.5	97.6	155.5	210.4	271.5	341.8	388.5

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CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-11

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.7	5.1	21.0	49.0	95.6	145.9	196.5	251.9	313.0	360.9
-25°	0.0	4.6	5.1	19.9	47.1	90.1	136.0	182.4	232.0	285.4	333.0
-27.5°	0.0	4.5	5.1	18.7	44.9	83.1	126.0	168.0	212.0	259.8	299.1
-30°	0.0	4.4	5.1	17.4	42.2	75.9	115.9	153.6	193.5	235.7	267.8
-32.5°	0.0	4.3	5.1	16.0	38.5	68.7	105.7	140.4	175.9	212.1	239.7
-35°	0.0	4.2	5.1	14.5	34.7	61.3	96.0	127.7	158.6	189.0	215.1
-37.5°	0.0	4.0	5.1	12.9	30.8	54.7	86.5	115.2	141.5	166.5	195.2
-40°	0.0	3.9	5.1	11.2	26.9	49.5	77.2	103.0	124.8	146.5	174.4
-42.5°	0.0	3.8	5.1	9.4	23.6	44.4	68.0	91.0	110.2	130.8	154.4
-45°	0.0	3.6	5.1	7.5	21.1	39.3	59.0	79.8	96.9	115.9	135.6
-47.5°	0.0	3.4	5.1	5.6	18.5	34.1	50.1	69.6	84.2	101.5	119.8
-50°	0.0	3.3	5.1	5.1	15.9	29.0	43.7	59.8	73.5	89.7	104.7
-52.5°	0.0	3.1	5.1	5.1	13.2	23.9	37.8	50.3	63.9	78.0	90.4
-55°	0.0	2.9	5.1	5.1	10.5	20.3	32.1	41.6	54.8	66.5	78.0
-57.5°	0.0	2.7	5.1	5.1	7.8	17.0	26.4	35.5	45.7	56.5	65.9
-60°	0.0	2.5	5.1	5.1	5.1	13.6	21.1	29.8	37.4	46.9	54.7
-62.5°	0.0	2.4	4.7	5.1	5.1	10.2	17.2	24.3	31.7	37.6	45.0
-65°	0.0	2.2	4.3	5.1	5.1	6.8	13.3	19.3	26.1	31.2	35.6
-67.5°	0.0	2.0	3.9	5.1	5.1	5.1	9.5	15.0	20.6	25.8	29.2
-70°	0.0	1.7	3.5	5.1	5.1	5.1	5.6	10.7	15.7	20.6	24.3
-72.5°	0.0	1.5	3.1	4.6	5.1	5.1	5.1	6.3	10.7	15.0	19.3
-75°	0.0	1.3	2.6	3.9	5.1	5.1	5.1	5.1	5.6	9.3	13.0
-77.5°	0.0	1.1	2.2	3.3	4.4	5.1	5.1	5.1	5.1	5.1	6.6
-80°	0.0	0.9	1.8	2.6	3.5	4.4	5.1	5.1	5.1	5.1	5.1
-82.5°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	4.6	5.1	5.1	5.1
-85°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.5	3.9	4.3
-87.5°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	2.0	2.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-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°	2.4	2.5	2.7	2.9	3.1	3.3	3.4	3.6	2.8	2.0	1.0
85°	4.7	5.1	5.1	5.1	5.1	5.1	5.1	5.1	4.5	3.9	3.5
82.5°	5.1	5.1	5.1	5.1	5.1	5.1	5.3	6.3	7.3	8.1	9.0
80°	5.1	5.1	6.8	8.1	9.5	10.9	12.3	13.6	14.8	16.4	18.2
77.5°	9.3	11.5	13.1	14.2	16.0	19.5	22.8	26.1	28.6	30.4	31.6
75°	15.9	18.0	20.5	24.0	28.2	32.4	36.5	40.5	44.0	48.0	52.7
72.5°	22.0	25.1	29.3	34.7	41.4	46.8	51.4	55.3	62.6	71.6	78.8
70°	27.2	31.7	39.4	48.1	56.3	62.5	71.6	82.9	94.8	101.7	105.9
67.5°	32.6	41.5	51.1	61.3	71.7	82.0	95.1	107.8	119.6	125.1	130.3
65°	41.3	51.4	62.9	74.6	86.2	100.2	114.1	127.8	139.8	146.8	154.2
62.5°	50.3	62.3	75.1	88.2	102.6	117.8	133.0	146.4	157.7	170.2	184.4
60°	61.8	73.3	87.5	102.7	119.1	137.1	152.5	169.6	184.0	197.0	219.5
57.5°	74.2	84.1	99.8	117.3	137.1	158.8	181.6	199.5	217.3	236.1	258.7
55°	87.1	94.6	112.4	132.9	157.3	189.5	213.9	234.5	255.2	272.0	291.8
52.5°	101.3	107.5	125.7	150.1	182.2	216.4	246.0	267.6	286.7	305.1	324.4
50°	116.4	125.4	139.1	170.2	204.2	239.8	275.5	297.0	318.5	338.6	359.1
47.5°	134.4	144.8	155.1	188.1	223.4	260.5	297.3	327.7	351.1	376.2	400.3
45°	154.2	166.6	177.6	203.7	241.0	279.5	319.9	359.1	387.5	417.6	456.8
42.5°	175.1	188.8	201.3	217.5	257.6	299.1	341.9	387.5	427.1	469.7	518.8
40°	195.3	210.6	224.3	240.7	273.8	318.4	366.1	416.0	474.1	529.7	587.6
37.5°	215.1	231.3	247.1	266.9	290.4	338.8	389.8	452.2	522.6	595.7	678.4
35°	234.6	251.3	270.6	292.8	318.6	359.9	421.7	492.0	576.5	675.0	755.5
32.5°	252.9	270.7	293.1	318.0	349.9	389.9	452.8	540.4	641.0	743.5	809.3
30°	275.6	290.7	314.9	341.6	380.7	432.4	496.3	590.2	707.8	788.1	847.7
27.5°	306.5	310.8	335.8	367.7	412.3	474.4	554.5	652.0	754.8	828.7	881.2
25°	337.2	344.0	355.3	394.0	449.9	523.6	615.6	730.5	797.1	859.5	914.9
22.5°	367.7	375.9	390.5	419.1	486.4	574.0	685.8	793.3	860.4	897.8	948.5
20°	397.2	408.5	429.2	464.6	525.0	622.6	754.2	855.1	922.4	960.0	995.0
17.5°	425.8	441.1	469.1	513.7	582.7	681.4	818.4	918.0	988.4	1014.1	1055.8
15°	453.6	473.4	508.1	560.2	638.1	747.4	871.6	972.8	1045.7	1063.5	1112.0
12.5°	480.5	505.3	546.0	604.0	689.9	805.3	917.4	1008.3	1072.4	1111.7	1165.6
10°	506.7	536.8	582.8	645.2	738.1	855.5	955.8	1035.2	1093.0	1148.0	1214.8
7.5°	510.4	552.6	613.0	683.9	782.5	898.7	987.5	1054.8	1116.2	1183.2	1268.4
5°	510.2	551.2	612.4	690.5	799.2	923.8	1008.9	1068.4	1140.3	1216.5	1322.9
2.5°	509.5	548.4	610.0	690.5	797.0	926.3	1006.9	1069.4	1150.7	1260.8	1375.7
0°	508.4	544.4	606.0	688.1	790.9	924.4	1001.4	1068.2	1155.5	1309.5	1422.5
-2.5°	509.5	548.4	610.0	690.5	797.0	926.3	1006.9	1069.4	1150.7	1260.8	1375.7
-5°	510.2	551.2	612.4	690.5	799.2	923.8	1008.9	1068.4	1140.3	1216.5	1322.9
-7.5°	510.4	552.6	613.0	683.9	782.5	898.7	987.5	1054.8	1116.2	1183.2	1268.4
-10°	506.7	536.8	582.8	645.2	738.1	855.5	955.8	1035.2	1093.0	1148.0	1214.8
-12.5°	480.5	505.3	546.0	604.0	689.9	805.3	917.4	1008.3	1072.4	1111.7	1165.6
-15°	453.6	473.4	508.1	560.2	638.1	747.4	871.6	972.8	1045.7	1063.5	1112.0
-17.5°	425.8	441.1	469.1	513.7	582.7	681.4	818.4	918.0	988.4	1014.1	1055.8
-20°	397.2	408.5	429.2	464.6	525.0	622.6	754.2	855.1	922.4	960.0	995.0

Classified

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

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REPORT NUMBER: P624776 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-11

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	367.7	375.9	390.5	419.1	486.4	574.0	685.8	793.3	860.4	897.8	948.5
-25°	337.2	344.0	355.3	394.0	449.9	523.6	615.6	730.5	797.1	859.5	914.9
-27.5°	306.5	310.8	335.8	367.7	412.3	474.4	554.5	652.0	754.8	828.7	881.2
-30°	275.6	290.7	314.9	341.6	380.7	432.4	496.3	590.2	707.8	788.1	847.7
-32.5°	252.9	270.7	293.1	318.0	349.9	389.9	452.8	540.4	641.0	743.5	809.3
-35°	234.6	251.3	270.6	292.8	318.6	359.9	421.7	492.0	576.5	675.0	755.5
-37.5°	215.1	231.3	247.1	266.9	290.4	338.8	389.8	452.2	522.6	595.7	678.4
-40°	195.3	210.6	224.3	240.7	273.8	318.4	366.1	416.0	474.1	529.7	587.6
-42.5°	175.1	188.8	201.3	217.5	257.6	299.1	341.9	387.5	427.1	469.7	518.8
-45°	154.2	166.6	177.6	203.7	241.0	279.5	319.9	359.1	387.5	417.6	456.8
-47.5°	134.4	144.8	155.1	188.1	223.4	260.5	297.3	327.7	351.1	376.2	400.3
-50°	116.4	125.4	139.1	170.2	204.2	239.8	275.5	297.0	318.5	338.6	359.1
-52.5°	101.3	107.5	125.7	150.1	182.2	216.4	246.0	267.6	286.7	305.1	324.4
-55°	87.1	94.6	112.4	132.9	157.3	189.5	213.9	234.5	255.2	272.0	291.8
-57.5°	74.2	84.1	99.8	117.3	137.1	158.8	181.6	199.5	217.3	236.1	258.7
-60°	61.8	73.3	87.5	102.7	119.1	137.1	152.5	169.6	184.0	197.0	219.5
-62.5°	50.3	62.3	75.1	88.2	102.6	117.8	133.0	146.4	157.7	170.2	184.4
-65°	41.3	51.4	62.9	74.6	86.2	100.2	114.1	127.8	139.8	146.8	154.2
-67.5°	32.6	41.5	51.1	61.3	71.7	82.0	95.1	107.8	119.6	125.1	130.3
-70°	27.2	31.7	39.4	48.1	56.3	62.5	71.6	82.9	94.8	101.7	105.9
-72.5°	22.0	25.1	29.3	34.7	41.4	46.8	51.4	55.3	62.6	71.6	78.8
-75°	15.9	18.0	20.5	24.0	28.2	32.4	36.5	40.5	44.0	48.0	52.7
-77.5°	9.3	11.5	13.1	14.2	16.0	19.5	22.8	26.1	28.6	30.4	31.6
-80°	5.1	5.1	6.8	8.1	9.5	10.9	12.3	13.6	14.8	16.4	18.2
-82.5°	5.1	5.1	5.1	5.1	5.1	5.1	5.3	6.3	7.3	8.1	9.0
-85°	4.7	5.1	5.1	5.1	5.1	5.1	5.1	5.1	4.5	3.9	3.5
-87.5°	2.4	2.5	2.7	2.9	3.1	3.3	3.4	3.6	2.8	2.0	1.0
-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: P624776 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-11

**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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.6	4.8	4.9	4.9
82.5°	9.8	9.9	9.8	9.4	8.9	10.0	11.4	12.8	14.3	14.7	14.9
80°	19.6	20.4	21.2	22.1	23.1	26.4	30.1	33.7	37.4	38.6	39.5
77.5°	33.7	36.8	39.3	40.9	41.9	47.4	54.6	62.2	70.0	74.7	78.8
75°	58.0	61.3	62.6	63.2	63.3	72.6	87.2	102.8	119.2	127.4	133.0
72.5°	84.0	86.7	87.6	87.8	87.2	100.8	126.7	155.0	185.0	201.8	213.0
70°	109.8	112.6	113.1	113.0	112.6	128.5	165.2	203.5	242.8	282.2	324.6
67.5°	135.9	141.4	142.6	142.7	142.6	154.6	192.1	226.7	258.8	331.4	447.5
65°	164.0	177.3	180.7	181.1	179.0	182.7	214.7	243.6	269.8	322.9	402.6
62.5°	200.4	218.2	224.2	224.6	223.4	220.5	247.1	271.8	294.6	328.6	382.8
60°	240.3	259.3	268.0	268.0	266.9	264.7	283.8	307.2	329.3	357.3	409.0
57.5°	277.6	295.8	309.6	310.6	310.4	309.0	324.1	350.7	376.5	404.4	459.9
55°	312.2	331.6	350.1	355.6	359.4	361.7	374.3	409.8	444.3	477.6	533.5
52.5°	346.1	370.6	394.3	408.5	421.1	432.2	445.6	489.5	532.2	572.5	626.3
50°	386.8	416.4	450.2	477.2	497.9	518.6	537.0	586.9	645.4	701.9	758.5
47.5°	437.9	476.4	517.8	558.6	590.1	628.5	663.4	714.9	772.3	831.6	883.1
45°	498.3	547.1	598.0	659.7	711.1	738.1	760.1	794.5	856.7	917.7	967.6
42.5°	568.7	635.4	706.0	753.9	790.4	813.4	829.4	844.0	909.8	966.8	1012.3
40°	663.2	733.2	780.8	821.4	848.7	869.8	892.1	916.6	961.9	1014.0	1064.3
37.5°	749.5	799.4	841.0	874.1	901.8	925.4	954.8	982.6	1019.2	1082.5	1126.9
35°	809.6	852.6	893.8	928.4	959.6	986.6	1024.2	1079.9	1129.5	1081.5	1011.8
32.5°	855.0	897.5	942.0	993.3	1031.9	1081.5	1136.0	1030.4	922.0	878.0	885.7
30°	893.0	938.2	994.1	1062.9	1130.5	1090.4	941.2	886.8	895.8	917.2	965.3
27.5°	929.0	978.6	1045.1	1140.0	1070.6	904.7	902.4	920.2	992.1	1057.3	1163.5
25°	967.3	1020.6	1119.4	1066.5	916.1	916.8	964.7	1043.3	1193.1	1337.2	1479.9
22.5°	1009.4	1095.0	1101.4	918.7	922.9	985.3	1092.8	1283.8	1482.3	1686.6	1830.2
20°	1058.2	1166.8	980.8	929.6	981.1	1102.7	1321.6	1568.3	1804.4	1950.8	2078.6
17.5°	1128.9	1078.6	941.3	959.0	1073.7	1303.3	1579.8	1841.0	2024.7	2254.0	2460.8
15°	1189.5	994.7	954.4	1040.9	1233.7	1513.3	1827.5	2036.0	2330.2	2669.4	3063.1
12.5°	1152.4	962.7	980.7	1116.5	1384.3	1721.6	1982.8	2283.1	2684.8	3189.6	3985.1
10°	1102.8	974.7	1041.3	1234.6	1536.0	1871.3	2130.3	2514.9	3081.9	3996.0	5453.5
7.5°	1068.4	979.1	1079.8	1324.0	1663.5	1964.1	2293.3	2795.3	3589.9	4952.1	7210.2
5°	1039.8	976.6	1092.8	1368.2	1741.3	2026.6	2407.1	3012.7	4080.0	6142.4	11429.7
2.5°	1023.7	972.0	1092.8	1389.1	1784.5	2061.5	2465.6	3116.7	4361.3	6917.9	14086.1
0°	1027.1	970.6	1088.7	1396.8	1802.5	2079.9	2490.7	3163.4	4483.2	7225.6	14759.2
-2.5°	1023.7	972.0	1092.8	1389.1	1784.5	2061.5	2465.6	3116.7	4361.3	6917.9	14086.1
-5°	1039.8	976.6	1092.8	1368.2	1741.3	2026.6	2407.1	3012.7	4080.0	6142.4	11429.7
-7.5°	1068.4	979.1	1079.8	1324.0	1663.5	1964.1	2293.3	2795.3	3589.9	4952.1	7210.2
-10°	1102.8	974.7	1041.3	1234.6	1536.0	1871.3	2130.3	2514.9	3081.9	3996.0	5453.5
-12.5°	1152.4	962.7	980.7	1116.5	1384.3	1721.6	1982.8	2283.1	2684.8	3189.6	3985.1
-15°	1189.5	994.7	954.4	1040.9	1233.7	1513.3	1827.5	2036.0	2330.2	2669.4	3063.1
-17.5°	1128.9	1078.6	941.3	959.0	1073.7	1303.3	1579.8	1841.0	2024.7	2254.0	2460.8
-20°	1058.2	1166.8	980.8	929.6	981.1	1102.7	1321.6	1568.3	1804.4	1950.8	2078.6

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P624776 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-11

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1009.4	1095.0	1101.4	918.7	922.9	985.3	1092.8	1283.8	1482.3	1686.6	1830.2
-25°	967.3	1020.6	1119.4	1066.5	916.1	916.8	964.7	1043.3	1193.1	1337.2	1479.9
-27.5°	929.0	978.6	1045.1	1140.0	1070.6	904.7	902.4	920.2	992.1	1057.3	1163.5
-30°	893.0	938.2	994.1	1062.9	1130.5	1090.4	941.2	886.8	895.8	917.2	965.3
-32.5°	855.0	897.5	942.0	993.3	1031.9	1081.5	1136.0	1030.4	922.0	878.0	885.7
-35°	809.6	852.6	893.8	928.4	959.6	986.6	1024.2	1079.9	1129.5	1081.5	1011.8
-37.5°	749.5	799.4	841.0	874.1	901.8	925.4	954.8	982.6	1019.2	1082.5	1126.9
-40°	663.2	733.2	780.8	821.4	848.7	869.8	892.1	916.6	961.9	1014.0	1064.3
-42.5°	568.7	635.4	706.0	753.9	790.4	813.4	829.4	844.0	909.8	966.8	1012.3
-45°	498.3	547.1	598.0	659.7	711.1	738.1	760.1	794.5	856.7	917.7	967.6
-47.5°	437.9	476.4	517.8	558.6	590.1	628.5	663.4	714.9	772.3	831.6	883.1
-50°	386.8	416.4	450.2	477.2	497.9	518.6	537.0	586.9	645.4	701.9	758.5
-52.5°	346.1	370.6	394.3	408.5	421.1	432.2	445.6	489.5	532.2	572.5	626.3
-55°	312.2	331.6	350.1	355.6	359.4	361.7	374.3	409.8	444.3	477.6	533.5
-57.5°	277.6	295.8	309.6	310.6	310.4	309.0	324.1	350.7	376.5	404.4	459.9
-60°	240.3	259.3	268.0	268.0	266.9	264.7	283.8	307.2	329.3	357.3	409.0
-62.5°	200.4	218.2	224.2	224.6	223.4	220.5	247.1	271.8	294.6	328.6	382.8
-65°	164.0	177.3	180.7	181.1	179.0	182.7	214.7	243.6	269.8	322.9	402.6
-67.5°	135.9	141.4	142.6	142.7	142.6	154.6	192.1	226.7	258.8	331.4	447.5
-70°	109.8	112.6	113.1	113.0	112.6	128.5	165.2	203.5	242.8	282.2	324.6
-72.5°	84.0	86.7	87.6	87.8	87.2	100.8	126.7	155.0	185.0	201.8	213.0
-75°	58.0	61.3	62.6	63.2	63.3	72.6	87.2	102.8	119.2	127.4	133.0
-77.5°	33.7	36.8	39.3	40.9	41.9	47.4	54.6	62.2	70.0	74.7	78.8
-80°	19.6	20.4	21.2	22.1	23.1	26.4	30.1	33.7	37.4	38.6	39.5
-82.5°	9.8	9.9	9.8	9.4	8.9	10.0	11.4	12.8	14.3	14.7	14.9
-85°	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.6	4.8	4.9	4.9
-87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-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: P624776 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-11

**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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	5.0	5.1	5.1	5.1	5.1	5.1	5.0	4.9	4.9	4.8	4.6
82.5°	15.1	15.3	15.4	15.4	15.4	15.3	15.1	14.9	14.7	14.3	12.8
80°	40.2	40.7	41.0	41.1	41.0	40.7	40.2	39.5	38.6	37.4	33.7
77.5°	82.7	86.3	82.1	77.0	82.1	86.3	82.7	78.8	74.7	70.0	62.2
75°	138.0	142.3	136.1	128.4	136.1	142.3	138.0	133.0	127.4	119.2	102.8
72.5°	223.4	233.1	233.1	231.1	233.1	233.1	223.4	213.0	201.8	185.0	155.0
70°	369.6	415.4	412.8	400.6	412.8	415.4	369.6	324.6	282.2	242.8	203.5
67.5°	573.4	704.8	747.8	770.3	747.8	704.8	573.4	447.5	331.4	258.8	226.7
65°	474.9	543.1	565.2	580.3	565.2	543.1	474.9	402.6	322.9	269.8	243.6
62.5°	432.6	479.7	488.8	487.9	488.8	479.7	432.6	382.8	328.6	294.6	271.8
60°	459.7	509.3	516.9	508.4	516.9	509.3	459.7	409.0	357.3	329.3	307.2
57.5°	514.1	566.8	580.4	575.2	580.4	566.8	514.1	459.9	404.4	376.5	350.7
55°	586.9	637.0	658.1	662.5	658.1	637.0	586.9	533.5	477.6	444.3	409.8
52.5°	680.5	731.0	749.6	744.6	749.6	731.0	680.5	626.3	572.5	532.2	489.5
50°	808.5	850.6	867.3	862.8	867.3	850.6	808.5	758.5	701.9	645.4	586.9
47.5°	919.3	948.5	963.6	965.5	963.6	948.5	919.3	883.1	831.6	772.3	714.9
45°	987.9	1002.9	1010.7	1011.7	1010.7	1002.9	987.9	967.6	917.7	856.7	794.5
42.5°	1039.6	1070.1	1091.8	1093.8	1091.8	1070.1	1039.6	1012.3	966.8	909.8	844.0
40°	1104.4	1139.8	1177.2	1227.4	1177.2	1139.8	1104.4	1064.3	1014.0	961.9	916.6
37.5°	1173.3	1227.1	1284.3	1350.6	1284.3	1227.1	1173.3	1126.9	1082.5	1019.2	982.6
35°	964.0	934.6	918.8	929.5	918.8	934.6	964.0	1011.8	1081.5	1129.5	1079.9
32.5°	891.1	892.5	889.0	888.4	889.0	892.5	891.1	885.7	878.0	922.0	1030.4
30°	1003.6	1011.0	1002.0	986.0	1002.0	1011.0	1003.6	965.3	917.2	895.8	886.8
27.5°	1240.3	1277.5	1288.9	1273.6	1288.9	1277.5	1240.3	1163.5	1057.3	992.1	920.2
25°	1597.4	1677.4	1718.3	1725.5	1718.3	1677.4	1597.4	1479.9	1337.2	1193.1	1043.3
22.5°	1904.8	1953.8	1981.5	1982.3	1981.5	1953.8	1904.8	1830.2	1686.6	1482.3	1283.8
20°	2218.8	2303.5	2340.6	2331.5	2340.6	2303.5	2218.8	2078.6	1950.8	1804.4	1568.3
17.5°	2718.0	2895.2	2980.6	2988.8	2980.6	2895.2	2718.0	2460.8	2254.0	2024.7	1841.0
15°	3513.3	3927.7	4159.5	4190.5	4159.5	3927.7	3513.3	3063.1	2669.4	2330.2	2036.0
12.5°	4855.6	5841.4	6466.3	6552.8	6466.3	5841.4	4855.6	3985.1	3189.6	2684.8	2283.1
10°	7096.7	10274.8	12202.0	12294.2	12202.0	10274.8	7096.7	5453.5	3996.0	3081.9	2514.9
7.5°	13845.5	22563.2	36526.1	42244.1	36526.1	22563.2	13845.5	7210.2	4952.1	3589.9	2795.3
5°	28292.0	100665.1	195722.2	236502.3	195722.2	100665.1	28292.0	11429.7	6142.4	4080.0	3012.7
2.5°	51412.1	202716.1	421424.9	510198.0	421424.9	202716.1	51412.1	14086.1	6917.9	4361.3	3116.7
0°	55639.9	207040.3	463321.7	589250.3	463321.7	207040.3	55639.9	14759.2	7225.6	4483.2	3163.4
-2.5°	51412.1	202716.1	421424.9	510198.0	421424.9	202716.1	51412.1	14086.1	6917.9	4361.3	3116.7
-5°	28292.0	100665.1	195722.2	236502.3	195722.2	100665.1	28292.0	11429.7	6142.4	4080.0	3012.7
-7.5°	13845.5	22563.2	36526.1	42244.1	36526.1	22563.2	13845.5	7210.2	4952.1	3589.9	2795.3
-10°	7096.7	10274.8	12202.0	12294.2	12202.0	10274.8	7096.7	5453.5	3996.0	3081.9	2514.9
-12.5°	4855.6	5841.4	6466.3	6552.8	6466.3	5841.4	4855.6	3985.1	3189.6	2684.8	2283.1
-15°	3513.3	3927.7	4159.5	4190.5	4159.5	3927.7	3513.3	3063.1	2669.4	2330.2	2036.0
-17.5°	2718.0	2895.2	2980.6	2988.8	2980.6	2895.2	2718.0	2460.8	2254.0	2024.7	1841.0
-20°	2218.8	2303.5	2340.6	2331.5	2340.6	2303.5	2218.8	2078.6	1950.8	1804.4	1568.3



REPORT NUMBER: P624776 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-11

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1904.8	1953.8	1981.5	1982.3	1981.5	1953.8	1904.8	1830.2	1686.6	1482.3	1283.8
-25°	1597.4	1677.4	1718.3	1725.5	1718.3	1677.4	1597.4	1479.9	1337.2	1193.1	1043.3
-27.5°	1240.3	1277.5	1288.9	1273.6	1288.9	1277.5	1240.3	1163.5	1057.3	992.1	920.2
-30°	1003.6	1011.0	1002.0	986.0	1002.0	1011.0	1003.6	965.3	917.2	895.8	886.8
-32.5°	891.1	892.5	889.0	888.4	889.0	892.5	891.1	885.7	878.0	922.0	1030.4
-35°	964.0	934.6	918.8	929.5	918.8	934.6	964.0	1011.8	1081.5	1129.5	1079.9
-37.5°	1173.3	1227.1	1284.3	1350.6	1284.3	1227.1	1173.3	1126.9	1082.5	1019.2	982.6
-40°	1104.4	1139.8	1177.2	1227.4	1177.2	1139.8	1104.4	1064.3	1014.0	961.9	916.6
-42.5°	1039.6	1070.1	1091.8	1093.8	1091.8	1070.1	1039.6	1012.3	966.8	909.8	844.0
-45°	987.9	1002.9	1010.7	1011.7	1010.7	1002.9	987.9	967.6	917.7	856.7	794.5
-47.5°	919.3	948.5	963.6	965.5	963.6	948.5	919.3	883.1	831.6	772.3	714.9
-50°	808.5	850.6	867.3	862.8	867.3	850.6	808.5	758.5	701.9	645.4	586.9
-52.5°	680.5	731.0	749.6	744.6	749.6	731.0	680.5	626.3	572.5	532.2	489.5
-55°	586.9	637.0	658.1	662.5	658.1	637.0	586.9	533.5	477.6	444.3	409.8
-57.5°	514.1	566.8	580.4	575.2	580.4	566.8	514.1	459.9	404.4	376.5	350.7
-60°	459.7	509.3	516.9	508.4	516.9	509.3	459.7	409.0	357.3	329.3	307.2
-62.5°	432.6	479.7	488.8	487.9	488.8	479.7	432.6	382.8	328.6	294.6	271.8
-65°	474.9	543.1	565.2	580.3	565.2	543.1	474.9	402.6	322.9	269.8	243.6
-67.5°	573.4	704.8	747.8	770.3	747.8	704.8	573.4	447.5	331.4	258.8	226.7
-70°	369.6	415.4	412.8	400.6	412.8	415.4	369.6	324.6	282.2	242.8	203.5
-72.5°	223.4	233.1	233.1	231.1	233.1	233.1	223.4	213.0	201.8	185.0	155.0
-75°	138.0	142.3	136.1	128.4	136.1	142.3	138.0	133.0	127.4	119.2	102.8
-77.5°	82.7	86.3	82.1	77.0	82.1	86.3	82.7	78.8	74.7	70.0	62.2
-80°	40.2	40.7	41.0	41.1	41.0	40.7	40.2	39.5	38.6	37.4	33.7
-82.5°	15.1	15.3	15.4	15.4	15.4	15.3	15.1	14.9	14.7	14.3	12.8
-85°	5.0	5.1	5.1	5.1	5.1	5.1	5.0	4.9	4.9	4.8	4.6
-87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-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: P624776 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-11

**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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	2.8	3.6
85°	4.5	4.3	4.1	3.9	3.7	3.5	3.3	3.5	3.9	4.5	5.1
82.5°	11.4	10.0	8.9	9.4	9.8	9.9	9.8	9.0	8.1	7.3	6.3
80°	30.1	26.4	23.1	22.1	21.2	20.4	19.6	18.2	16.4	14.8	13.6
77.5°	54.6	47.4	41.9	40.9	39.3	36.8	33.7	31.6	30.4	28.6	26.1
75°	87.2	72.6	63.3	63.2	62.6	61.3	58.0	52.7	48.0	44.0	40.5
72.5°	126.7	100.8	87.2	87.8	87.6	86.7	84.0	78.8	71.6	62.6	55.3
70°	165.2	128.5	112.6	113.0	113.1	112.6	109.8	105.9	101.7	94.8	82.9
67.5°	192.1	154.6	142.6	142.7	142.6	141.4	135.9	130.3	125.1	119.6	107.8
65°	214.7	182.7	179.0	181.1	180.7	177.3	164.0	154.2	146.8	139.8	127.8
62.5°	247.1	220.5	223.4	224.6	224.2	218.2	200.4	184.4	170.2	157.7	146.4
60°	283.8	264.7	266.9	268.0	268.0	259.3	240.3	219.5	197.0	184.0	169.6
57.5°	324.1	309.0	310.4	310.6	309.6	295.8	277.6	258.7	236.1	217.3	199.5
55°	374.3	361.7	359.4	355.6	350.1	331.6	312.2	291.8	272.0	255.2	234.5
52.5°	445.6	432.2	421.1	408.5	394.3	370.6	346.1	324.4	305.1	286.7	267.6
50°	537.0	518.6	497.9	477.2	450.2	416.4	386.8	359.1	338.6	318.5	297.0
47.5°	663.4	628.5	590.1	558.6	517.8	476.4	437.9	400.3	376.2	351.1	327.7
45°	760.1	738.1	711.1	659.7	598.0	547.1	498.3	456.8	417.6	387.5	359.1
42.5°	829.4	813.4	790.4	753.9	706.0	635.4	568.7	518.8	469.7	427.1	387.5
40°	892.1	869.8	848.7	821.4	780.8	733.2	663.2	587.6	529.7	474.1	416.0
37.5°	954.8	925.4	901.8	874.1	841.0	799.4	749.5	678.4	595.7	522.6	452.2
35°	1024.2	986.6	959.6	928.4	893.8	852.6	809.6	755.5	675.0	576.5	492.0
32.5°	1136.0	1081.5	1031.9	993.3	942.0	897.5	855.0	809.3	743.5	641.0	540.4
30°	941.2	1090.4	1130.5	1062.9	994.1	938.2	893.0	847.7	788.1	707.8	590.2
27.5°	902.4	904.7	1070.6	1140.0	1045.1	978.6	929.0	881.2	828.7	754.8	652.0
25°	964.7	916.8	916.1	1066.5	1119.4	1020.6	967.3	914.9	859.5	797.1	730.5
22.5°	1092.8	985.3	922.9	918.7	1101.4	1095.0	1009.4	948.5	897.8	860.4	793.3
20°	1321.6	1102.7	981.1	929.6	980.8	1166.8	1058.2	995.0	960.0	922.4	855.1
17.5°	1579.8	1303.3	1073.7	959.0	941.3	1078.6	1128.9	1055.8	1014.1	988.4	918.0
15°	1827.5	1513.3	1233.7	1040.9	954.4	994.7	1189.5	1112.0	1063.5	1045.7	972.8
12.5°	1982.8	1721.6	1384.3	1116.5	980.7	962.7	1152.4	1165.6	1111.7	1072.4	1008.3
10°	2130.3	1871.3	1536.0	1234.6	1041.3	974.7	1102.8	1214.8	1148.0	1093.0	1035.2
7.5°	2293.3	1964.1	1663.5	1324.0	1079.8	979.1	1068.4	1268.4	1183.2	1116.2	1054.8
5°	2407.1	2026.6	1741.3	1368.2	1092.8	976.6	1039.8	1322.9	1216.5	1140.3	1068.4
2.5°	2465.6	2061.5	1784.5	1389.1	1092.8	972.0	1023.7	1375.7	1260.8	1150.7	1069.4
0°	2490.7	2079.9	1802.5	1396.8	1088.7	970.6	1027.1	1422.5	1309.5	1155.5	1068.2
-2.5°	2465.6	2061.5	1784.5	1389.1	1092.8	972.0	1023.7	1375.7	1260.8	1150.7	1069.4
-5°	2407.1	2026.6	1741.3	1368.2	1092.8	976.6	1039.8	1322.9	1216.5	1140.3	1068.4
-7.5°	2293.3	1964.1	1663.5	1324.0	1079.8	979.1	1068.4	1268.4	1183.2	1116.2	1054.8
-10°	2130.3	1871.3	1536.0	1234.6	1041.3	974.7	1102.8	1214.8	1148.0	1093.0	1035.2
-12.5°	1982.8	1721.6	1384.3	1116.5	980.7	962.7	1152.4	1165.6	1111.7	1072.4	1008.3
-15°	1827.5	1513.3	1233.7	1040.9	954.4	994.7	1189.5	1112.0	1063.5	1045.7	972.8
-17.5°	1579.8	1303.3	1073.7	959.0	941.3	1078.6	1128.9	1055.8	1014.1	988.4	918.0
-20°	1321.6	1102.7	981.1	929.6	980.8	1166.8	1058.2	995.0	960.0	922.4	855.1

Classified

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

Scaled Data Report



REPORT NUMBER: P624776 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-11

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1092.8	985.3	922.9	918.7	1101.4	1095.0	1009.4	948.5	897.8	860.4	793.3
-25°	964.7	916.8	916.1	1066.5	1119.4	1020.6	967.3	914.9	859.5	797.1	730.5
-27.5°	902.4	904.7	1070.6	1140.0	1045.1	978.6	929.0	881.2	828.7	754.8	652.0
-30°	941.2	1090.4	1130.5	1062.9	994.1	938.2	893.0	847.7	788.1	707.8	590.2
-32.5°	1136.0	1081.5	1031.9	993.3	942.0	897.5	855.0	809.3	743.5	641.0	540.4
-35°	1024.2	986.6	959.6	928.4	893.8	852.6	809.6	755.5	675.0	576.5	492.0
-37.5°	954.8	925.4	901.8	874.1	841.0	799.4	749.5	678.4	595.7	522.6	452.2
-40°	892.1	869.8	848.7	821.4	780.8	733.2	663.2	587.6	529.7	474.1	416.0
-42.5°	829.4	813.4	790.4	753.9	706.0	635.4	568.7	518.8	469.7	427.1	387.5
-45°	760.1	738.1	711.1	659.7	598.0	547.1	498.3	456.8	417.6	387.5	359.1
-47.5°	663.4	628.5	590.1	558.6	517.8	476.4	437.9	400.3	376.2	351.1	327.7
-50°	537.0	518.6	497.9	477.2	450.2	416.4	386.8	359.1	338.6	318.5	297.0
-52.5°	445.6	432.2	421.1	408.5	394.3	370.6	346.1	324.4	305.1	286.7	267.6
-55°	374.3	361.7	359.4	355.6	350.1	331.6	312.2	291.8	272.0	255.2	234.5
-57.5°	324.1	309.0	310.4	310.6	309.6	295.8	277.6	258.7	236.1	217.3	199.5
-60°	283.8	264.7	266.9	268.0	268.0	259.3	240.3	219.5	197.0	184.0	169.6
-62.5°	247.1	220.5	223.4	224.6	224.2	218.2	200.4	184.4	170.2	157.7	146.4
-65°	214.7	182.7	179.0	181.1	180.7	177.3	164.0	154.2	146.8	139.8	127.8
-67.5°	192.1	154.6	142.6	142.7	142.6	141.4	135.9	130.3	125.1	119.6	107.8
-70°	165.2	128.5	112.6	113.0	113.1	112.6	109.8	105.9	101.7	94.8	82.9
-72.5°	126.7	100.8	87.2	87.8	87.6	86.7	84.0	78.8	71.6	62.6	55.3
-75°	87.2	72.6	63.3	63.2	62.6	61.3	58.0	52.7	48.0	44.0	40.5
-77.5°	54.6	47.4	41.9	40.9	39.3	36.8	33.7	31.6	30.4	28.6	26.1
-80°	30.1	26.4	23.1	22.1	21.2	20.4	19.6	18.2	16.4	14.8	13.6
-82.5°	11.4	10.0	8.9	9.4	9.8	9.9	9.8	9.0	8.1	7.3	6.3
-85°	4.5	4.3	4.1	3.9	3.7	3.5	3.3	3.5	3.9	4.5	5.1
-87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	2.8	3.6
-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: P624776 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-11

**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°	3.4	3.3	3.1	2.9	2.7	2.5	2.4	2.2	2.0	1.7	1.5
85°	5.1	5.1	5.1	5.1	5.1	5.1	4.7	4.3	3.9	3.5	3.1
82.5°	5.3	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	4.6
80°	12.3	10.9	9.5	8.1	6.8	5.1	5.1	5.1	5.1	5.1	5.1
77.5°	22.8	19.5	16.0	14.2	13.1	11.5	9.3	6.6	5.1	5.1	5.1
75°	36.5	32.4	28.2	24.0	20.5	18.0	15.9	13.0	9.3	5.6	5.1
72.5°	51.4	46.8	41.4	34.7	29.3	25.1	22.0	19.3	15.0	10.7	6.3
70°	71.6	62.5	56.3	48.1	39.4	31.7	27.2	24.3	20.6	15.7	10.7
67.5°	95.1	82.0	71.7	61.3	51.1	41.5	32.6	29.2	25.8	20.6	15.0
65°	114.1	100.2	86.2	74.6	62.9	51.4	41.3	35.6	31.2	26.1	19.3
62.5°	133.0	117.8	102.6	88.2	75.1	62.3	50.3	45.0	37.6	31.7	24.3
60°	152.5	137.1	119.1	102.7	87.5	73.3	61.8	54.7	46.9	37.4	29.8
57.5°	181.6	158.8	137.1	117.3	99.8	84.1	74.2	65.9	56.5	45.7	35.5
55°	213.9	189.5	157.3	132.9	112.4	94.6	87.1	78.0	66.5	54.8	41.6
52.5°	246.0	216.4	182.2	150.1	125.7	107.5	101.3	90.4	78.0	63.9	50.3
50°	275.5	239.8	204.2	170.2	139.1	125.4	116.4	104.7	89.7	73.5	59.8
47.5°	297.3	260.5	223.4	188.1	155.1	144.8	134.4	119.8	101.5	84.2	69.6
45°	319.9	279.5	241.0	203.7	177.6	166.6	154.2	135.6	115.9	96.9	79.8
42.5°	341.9	299.1	257.6	217.5	201.3	188.8	175.1	154.4	130.8	110.2	91.0
40°	366.1	318.4	273.8	240.7	224.3	210.6	195.3	174.4	146.5	124.8	103.0
37.5°	389.8	338.8	290.4	266.9	247.1	231.3	215.1	195.2	166.5	141.5	115.2
35°	421.7	359.9	318.6	292.8	270.6	251.3	234.6	215.1	189.0	158.6	127.7
32.5°	452.8	389.9	349.9	318.0	293.1	270.7	252.9	239.7	212.1	175.9	140.4
30°	496.3	432.4	380.7	341.6	314.9	290.7	275.6	267.8	235.7	193.5	153.6
27.5°	554.5	474.4	412.3	367.7	335.8	310.8	306.5	299.1	259.8	212.0	168.0
25°	615.6	523.6	449.9	394.0	355.3	344.0	337.2	333.0	285.4	232.0	182.4
22.5°	685.8	574.0	486.4	419.1	390.5	375.9	367.7	360.9	313.0	251.9	196.5
20°	754.2	622.6	525.0	464.6	429.2	408.5	397.2	388.5	341.8	271.5	210.4
17.5°	818.4	681.4	582.7	513.7	469.1	441.1	425.8	415.8	371.6	290.8	223.9
15°	871.6	747.4	638.1	560.2	508.1	473.4	453.6	442.8	401.8	309.6	233.3
12.5°	917.4	805.3	689.9	604.0	546.0	505.3	480.5	469.4	432.1	321.2	237.6
10°	955.8	855.5	738.1	645.2	582.8	536.8	506.7	487.9	443.5	326.4	241.2
7.5°	987.5	898.7	782.5	683.9	613.0	552.6	510.4	490.0	450.3	330.3	244.0
5°	1008.9	923.8	799.2	690.5	612.4	551.2	510.2	491.6	454.8	332.9	245.8
2.5°	1006.9	926.3	797.0	690.5	610.0	548.4	509.5	492.6	457.0	334.0	246.7
0°	1001.4	924.4	790.9	688.1	606.0	544.4	508.4	493.0	457.1	333.8	246.5
-2.5°	1006.9	926.3	797.0	690.5	610.0	548.4	509.5	492.6	457.0	334.0	246.7
-5°	1008.9	923.8	799.2	690.5	612.4	551.2	510.2	491.6	454.8	332.9	245.8
-7.5°	987.5	898.7	782.5	683.9	613.0	552.6	510.4	490.0	450.3	330.3	244.0
-10°	955.8	855.5	738.1	645.2	582.8	536.8	506.7	487.9	443.5	326.4	241.2
-12.5°	917.4	805.3	689.9	604.0	546.0	505.3	480.5	469.4	432.1	321.2	237.6
-15°	871.6	747.4	638.1	560.2	508.1	473.4	453.6	442.8	401.8	309.6	233.3
-17.5°	818.4	681.4	582.7	513.7	469.1	441.1	425.8	415.8	371.6	290.8	223.9
-20°	754.2	622.6	525.0	464.6	429.2	408.5	397.2	388.5	341.8	271.5	210.4

Classified

Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



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CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-11

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	685.8	574.0	486.4	419.1	390.5	375.9	367.7	360.9	313.0	251.9	196.5
-25°	615.6	523.6	449.9	394.0	355.3	344.0	337.2	333.0	285.4	232.0	182.4
-27.5°	554.5	474.4	412.3	367.7	335.8	310.8	306.5	299.1	259.8	212.0	168.0
-30°	496.3	432.4	380.7	341.6	314.9	290.7	275.6	267.8	235.7	193.5	153.6
-32.5°	452.8	389.9	349.9	318.0	293.1	270.7	252.9	239.7	212.1	175.9	140.4
-35°	421.7	359.9	318.6	292.8	270.6	251.3	234.6	215.1	189.0	158.6	127.7
-37.5°	389.8	338.8	290.4	266.9	247.1	231.3	215.1	195.2	166.5	141.5	115.2
-40°	366.1	318.4	273.8	240.7	224.3	210.6	195.3	174.4	146.5	124.8	103.0
-42.5°	341.9	299.1	257.6	217.5	201.3	188.8	175.1	154.4	130.8	110.2	91.0
-45°	319.9	279.5	241.0	203.7	177.6	166.6	154.2	135.6	115.9	96.9	79.8
-47.5°	297.3	260.5	223.4	188.1	155.1	144.8	134.4	119.8	101.5	84.2	69.6
-50°	275.5	239.8	204.2	170.2	139.1	125.4	116.4	104.7	89.7	73.5	59.8
-52.5°	246.0	216.4	182.2	150.1	125.7	107.5	101.3	90.4	78.0	63.9	50.3
-55°	213.9	189.5	157.3	132.9	112.4	94.6	87.1	78.0	66.5	54.8	41.6
-57.5°	181.6	158.8	137.1	117.3	99.8	84.1	74.2	65.9	56.5	45.7	35.5
-60°	152.5	137.1	119.1	102.7	87.5	73.3	61.8	54.7	46.9	37.4	29.8
-62.5°	133.0	117.8	102.6	88.2	75.1	62.3	50.3	45.0	37.6	31.7	24.3
-65°	114.1	100.2	86.2	74.6	62.9	51.4	41.3	35.6	31.2	26.1	19.3
-67.5°	95.1	82.0	71.7	61.3	51.1	41.5	32.6	29.2	25.8	20.6	15.0
-70°	71.6	62.5	56.3	48.1	39.4	31.7	27.2	24.3	20.6	15.7	10.7
-72.5°	51.4	46.8	41.4	34.7	29.3	25.1	22.0	19.3	15.0	10.7	6.3
-75°	36.5	32.4	28.2	24.0	20.5	18.0	15.9	13.0	9.3	5.6	5.1
-77.5°	22.8	19.5	16.0	14.2	13.1	11.5	9.3	6.6	5.1	5.1	5.1
-80°	12.3	10.9	9.5	8.1	6.8	5.1	5.1	5.1	5.1	5.1	5.1
-82.5°	5.3	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	4.6
-85°	5.1	5.1	5.1	5.1	5.1	5.1	4.7	4.3	3.9	3.5	3.1
-87.5°	3.4	3.3	3.1	2.9	2.7	2.5	2.4	2.2	2.0	1.7	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-11

**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°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
85°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
82.5°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
80°	5.1	4.4	3.5	2.6	1.8	0.9	0.0
77.5°	5.1	5.1	4.4	3.3	2.2	1.1	0.0
75°	5.1	5.1	5.1	3.9	2.6	1.3	0.0
72.5°	5.1	5.1	5.1	4.6	3.1	1.5	0.0
70°	5.6	5.1	5.1	5.1	3.5	1.7	0.0
67.5°	9.5	5.1	5.1	5.1	3.9	2.0	0.0
65°	13.3	6.8	5.1	5.1	4.3	2.2	0.0
62.5°	17.2	10.2	5.1	5.1	4.7	2.4	0.0
60°	21.1	13.6	5.1	5.1	5.1	2.5	0.0
57.5°	26.4	17.0	7.8	5.1	5.1	2.7	0.0
55°	32.1	20.3	10.5	5.1	5.1	2.9	0.0
52.5°	37.8	23.9	13.2	5.1	5.1	3.1	0.0
50°	43.7	29.0	15.9	5.1	5.1	3.3	0.0
47.5°	50.1	34.1	18.5	5.6	5.1	3.4	0.0
45°	59.0	39.3	21.1	7.5	5.1	3.6	0.0
42.5°	68.0	44.4	23.6	9.4	5.1	3.8	0.0
40°	77.2	49.5	26.9	11.2	5.1	3.9	0.0
37.5°	86.5	54.7	30.8	12.9	5.1	4.0	0.0
35°	96.0	61.3	34.7	14.5	5.1	4.2	0.0
32.5°	105.7	68.7	38.5	16.0	5.1	4.3	0.0
30°	115.9	75.9	42.2	17.4	5.1	4.4	0.0
27.5°	126.0	83.1	44.9	18.7	5.1	4.5	0.0
25°	136.0	90.1	47.1	19.9	5.1	4.6	0.0
22.5°	145.9	95.6	49.0	21.0	5.1	4.7	0.0
20°	155.5	97.6	50.5	22.0	5.1	4.8	0.0
17.5°	160.4	98.7	51.6	22.8	5.1	4.9	0.0
15°	162.1	99.0	52.5	23.6	5.1	4.9	0.0
12.5°	163.3	98.5	53.0	24.2	5.1	5.0	0.0
10°	163.9	97.4	53.2	24.8	5.1	5.0	0.0
7.5°	163.9	95.7	53.1	25.2	5.1	5.1	0.0
5°	163.1	93.3	52.8	25.5	5.1	5.1	0.0
2.5°	161.5	90.5	52.2	25.6	5.1	5.1	0.0
0°	159.2	87.3	51.4	25.7	5.1	5.1	0.0
-2.5°	161.5	90.5	52.2	25.6	5.1	5.1	0.0
-5°	163.1	93.3	52.8	25.5	5.1	5.1	0.0
-7.5°	163.9	95.7	53.1	25.2	5.1	5.1	0.0
-10°	163.9	97.4	53.2	24.8	5.1	5.0	0.0
-12.5°	163.3	98.5	53.0	24.2	5.1	5.0	0.0
-15°	162.1	99.0	52.5	23.6	5.1	4.9	0.0
-17.5°	160.4	98.7	51.6	22.8	5.1	4.9	0.0
-20°	155.5	97.6	50.5	22.0	5.1	4.8	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	145.9	95.6	49.0	21.0	5.1	4.7	0.0
-25°	136.0	90.1	47.1	19.9	5.1	4.6	0.0
-27.5°	126.0	83.1	44.9	18.7	5.1	4.5	0.0
-30°	115.9	75.9	42.2	17.4	5.1	4.4	0.0
-32.5°	105.7	68.7	38.5	16.0	5.1	4.3	0.0
-35°	96.0	61.3	34.7	14.5	5.1	4.2	0.0
-37.5°	86.5	54.7	30.8	12.9	5.1	4.0	0.0
-40°	77.2	49.5	26.9	11.2	5.1	3.9	0.0
-42.5°	68.0	44.4	23.6	9.4	5.1	3.8	0.0
-45°	59.0	39.3	21.1	7.5	5.1	3.6	0.0
-47.5°	50.1	34.1	18.5	5.6	5.1	3.4	0.0
-50°	43.7	29.0	15.9	5.1	5.1	3.3	0.0
-52.5°	37.8	23.9	13.2	5.1	5.1	3.1	0.0
-55°	32.1	20.3	10.5	5.1	5.1	2.9	0.0
-57.5°	26.4	17.0	7.8	5.1	5.1	2.7	0.0
-60°	21.1	13.6	5.1	5.1	5.1	2.5	0.0
-62.5°	17.2	10.2	5.1	5.1	4.7	2.4	0.0
-65°	13.3	6.8	5.1	5.1	4.3	2.2	0.0
-67.5°	9.5	5.1	5.1	5.1	3.9	2.0	0.0
-70°	5.6	5.1	5.1	5.1	3.5	1.7	0.0
-72.5°	5.1	5.1	5.1	4.6	3.1	1.5	0.0
-75°	5.1	5.1	5.1	3.9	2.6	1.3	0.0
-77.5°	5.1	5.1	4.4	3.3	2.2	1.1	0.0
-80°	5.1	4.4	3.5	2.6	1.8	0.9	0.0
-82.5°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
-85°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
-87.5°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)