

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: P624777 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-VN-06-E-PRO-5700K-22**

Issue Date: 11/8/2022



**Test Information**

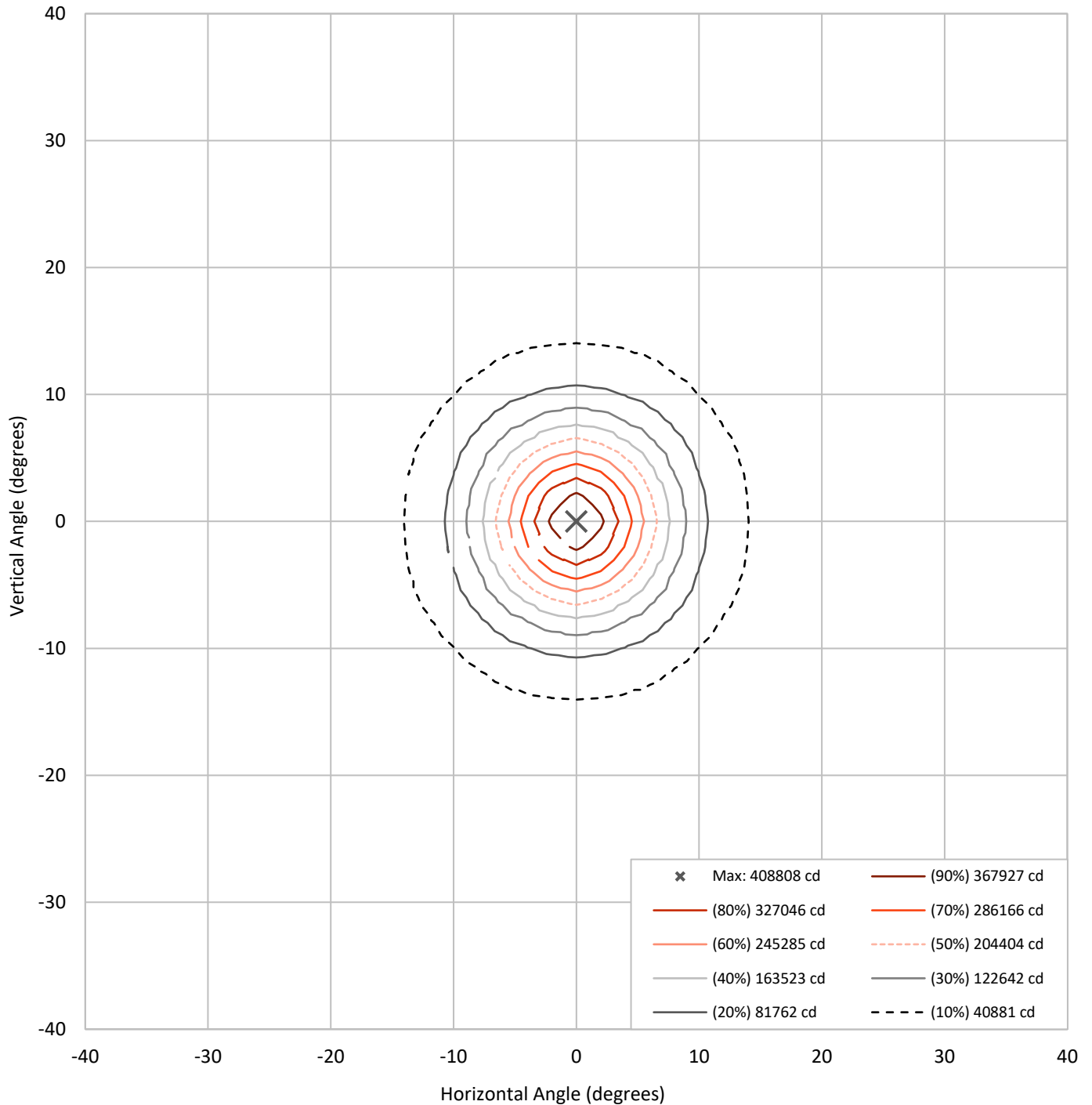
Test Method: LM-79-08  
Report Number: P624777 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2101-121-58)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/8/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHESUS  
Catalog Number: EPH-VN-06-E-PRO-5700K-22  
Description: EPHESUS LUMAVISION CCT TUNING FLOOD  
3000K AND TYPE 22 OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	34785.9 lumens	Max Intensity:	408808 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	122.7 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	13°H x 13°V	Field Angle (10%):	28.1°H x 28.1°V
Beam Lumens:	12399.8 lumens	Field Lumens:	24603.9 lumens
Beam Efficiency:	35.6%	Field Efficiency:	70.7%
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		

REPORT NUMBER: P624777 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-22

### Iso-Candela Plot





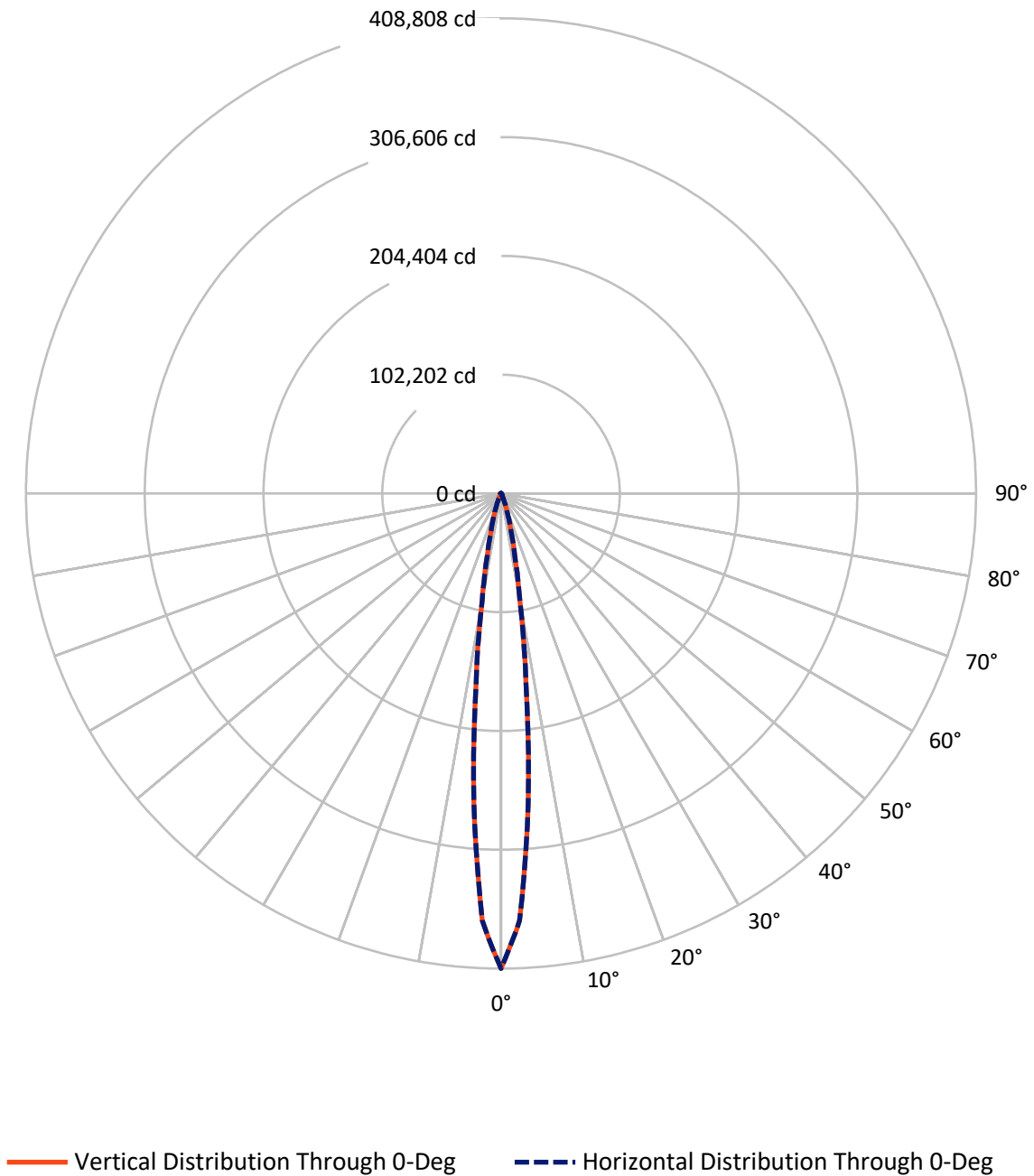
REPORT NUMBER: P624777 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-22

### Lumen Table

90	0.6		4.7		12.6		20.5		23.8		20.5		12.6		4.7		0.6		
80	0.6		4.7		12.6		20.5		23.8		20.5		12.6		4.7		0.6		
70	2.2	2.4	5.1	8.4	11.8	14.7	16.8	17.9	17.9	16.8	14.7	11.8	8.4	5.1	2.4	2.2			
60		3.8	7.8	12.3	16.3	19.5	21.7	22.8	22.8	21.7	19.5	16.3	12.3	7.8	3.8				
50	3.9	5.1	10.0	14.8	19.0	22.8	26.5	28.9	28.9	26.5	22.8	19.0	14.8	10.0	5.1	3.9			
40		6.1	11.5	16.4	21.9	29.4	36.8	41.7	41.7	36.8	29.4	21.9	16.4	11.5	6.1				
30	5.3	6.9	12.4	17.8	26.6	39.0	68.7	128.2	128.2	68.7	39.0	26.6	17.8	12.4	6.9	5.3			
20		7.4	12.9	19.5	31.3	64.7	321.4	978.5	978.5	321.4	64.7	31.3	19.5	12.9	7.4				
10	5.8	7.7	13.2	20.6	34.4	117.9	954.1	5276.9	5276.9	954.1	117.9	34.4	20.6	13.2	7.7	5.8			
0		7.7	13.2	20.6	34.4	117.9	954.1	5276.9	5276.9	954.1	117.9	34.4	20.6	13.2	7.7				
-10	5.3	7.4	12.9	19.5	31.3	64.7	321.4	978.5	978.5	321.4	64.7	31.3	19.5	12.9	7.4	5.3			
-20		6.9	12.4	17.8	26.6	39.0	68.7	128.2	128.2	68.7	39.0	26.6	17.8	12.4	6.9				
-30	3.9	6.1	11.5	16.4	21.9	29.4	36.8	41.7	41.7	36.8	29.4	21.9	16.4	11.5	6.1	3.9			
-40		5.1	10.0	14.8	19.0	22.8	26.5	28.9	28.9	26.5	22.8	19.0	14.8	10.0	5.1				
-50	2.2	3.8	7.8	12.3	16.3	19.5	21.7	22.8	22.8	21.7	19.5	16.3	12.3	7.8	3.8	2.2			
-60		2.4	5.1	8.4	11.8	14.7	16.8	17.9	17.9	16.8	14.7	11.8	8.4	5.1	2.4				
-70	0.6		4.7		12.6		20.5		23.8		20.5		12.6		4.7		0.6		
-80	0.6		4.7		12.6		20.5		23.8		20.5		12.6		4.7		0.6		
-90	0.6		4.7		12.6		20.5		23.8		20.5		12.6		4.7		0.6		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

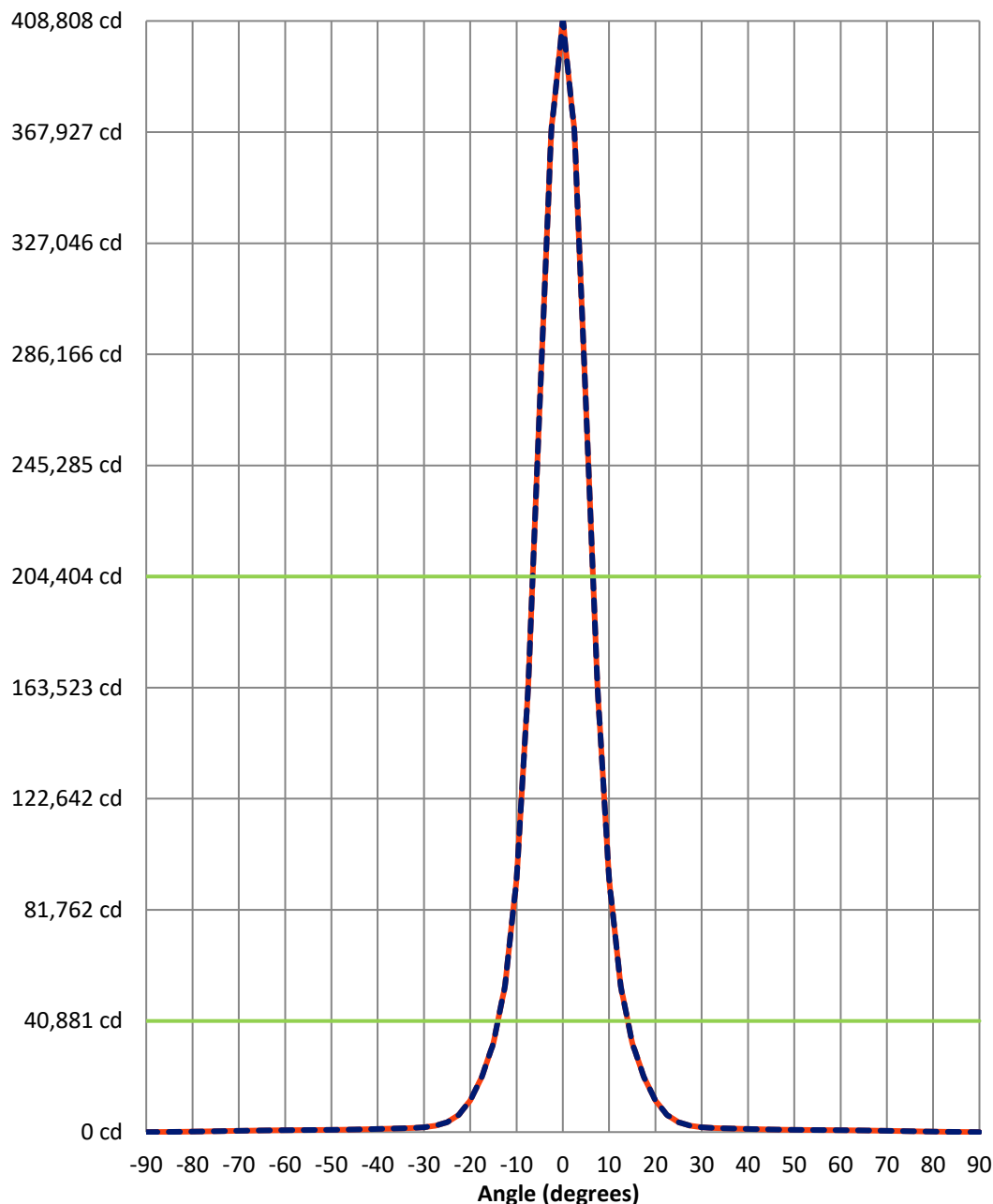
REPORT NUMBER: P624777 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-22

### Luminous Intensity Polar Plot



REPORT NUMBER: P624777 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-22

### Luminous Intensity Plot



**Beam:**  
 H Angle: 13°  
 V Angle: 13°  
 Lumens: 12399.8  
 Efficiency: 35.6%

**Field:**  
 H Angle: 28.1°  
 V Angle: 28.1°  
 Lumens: 24603.9  
 Efficiency: 70.7%

**Spill:**  
 Lumens: 10182  
 Efficiency: 29.3%

— Vertical Distribution through 0-Deg  
 - - Horizontal Distribution through 0-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P624777 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-22

FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.3	2.6	3.8	5.1	6.4	7.6	8.9	10.1	11.3	12.5
85°	0.0	2.6	5.1	7.7	10.2	12.8	15.3	17.7	20.2	22.6	24.9
82.5°	0.0	3.8	7.7	11.5	15.3	19.1	22.8	26.5	30.4	34.8	39.2
80°	0.0	5.1	10.2	15.3	20.4	25.4	30.6	36.8	42.8	48.8	54.6
77.5°	0.0	6.4	12.8	19.1	25.4	32.2	40.0	47.6	55.2	62.6	71.1
75°	0.0	7.6	15.3	22.8	30.6	40.0	49.2	58.4	67.8	79.4	90.8
72.5°	0.0	8.9	17.7	26.5	36.8	47.6	58.4	69.9	83.6	97.1	110.4
70°	0.0	10.1	20.2	30.4	42.8	55.2	67.8	83.6	99.2	114.7	134.5
67.5°	0.0	11.3	22.6	34.8	48.8	62.6	79.4	97.1	114.7	137.3	159.5
65°	0.0	12.5	24.9	39.2	54.6	71.1	90.8	110.4	134.5	159.5	184.5
62.5°	0.0	13.6	27.2	43.6	60.4	80.4	102.0	126.3	153.9	181.5	210.0
60°	0.0	14.7	29.5	47.8	66.0	89.5	113.0	142.9	173.0	204.1	235.1
57.5°	0.0	15.8	32.2	51.9	73.1	98.5	126.6	159.2	192.4	226.3	262.4
55°	0.0	16.9	34.9	55.9	80.0	107.1	140.2	175.1	211.6	248.7	290.4
52.5°	0.0	18.0	37.5	59.8	86.8	116.0	153.4	191.3	230.3	273.2	317.7
50°	0.0	19.0	40.0	63.5	93.3	126.6	166.2	207.2	249.3	297.0	343.0
47.5°	0.0	19.9	42.4	67.4	99.6	136.9	178.7	222.5	269.7	320.0	367.4
45°	0.0	20.9	44.7	72.0	105.6	146.8	191.3	237.2	289.4	341.1	390.9
42.5°	0.0	21.7	46.9	76.3	111.4	156.3	203.3	252.7	308.3	361.4	413.5
40°	0.0	22.6	49.1	80.5	117.8	165.4	214.9	268.4	326.1	380.8	435.1
37.5°	0.0	23.4	51.1	84.4	124.7	174.0	225.8	283.4	342.4	399.3	455.7
35°	0.0	24.2	53.0	88.1	131.2	182.4	236.2	297.6	357.9	416.8	474.9
32.5°	0.0	24.9	54.8	91.6	137.3	190.5	246.5	310.9	372.5	433.3	492.5
30°	0.0	25.5	56.4	94.9	143.0	198.1	257.1	323.3	386.2	448.8	508.9
27.5°	0.0	26.2	58.0	97.9	148.3	205.1	267.0	334.3	398.9	463.2	524.3
25°	0.0	26.7	59.4	100.7	153.1	211.6	276.1	344.5	410.6	476.0	538.3
22.5°	0.0	27.3	60.7	103.2	157.6	217.5	284.4	353.8	421.3	487.5	549.9
20°	0.0	27.7	61.9	105.5	161.6	222.8	291.9	362.2	430.9	497.9	560.3
17.5°	0.0	28.1	62.9	107.5	165.1	227.5	298.5	369.6	439.5	507.2	569.6
15°	0.0	28.5	63.8	109.3	168.2	231.6	304.3	376.1	446.9	515.2	577.8
12.5°	0.0	28.8	64.6	110.8	170.8	235.1	309.2	381.6	453.3	522.1	584.7
10°	0.0	29.1	65.2	112.0	173.0	238.0	313.3	386.1	458.5	527.7	590.3
7.5°	0.0	29.2	65.7	113.0	174.6	240.2	316.4	389.6	462.6	532.1	594.8
5°	0.0	29.4	66.0	113.7	175.8	241.8	318.7	392.2	465.5	535.3	598.0
2.5°	0.0	29.5	66.2	114.1	176.6	242.8	320.0	393.7	467.2	537.2	599.9
0°	0.0	29.5	66.3	114.2	176.8	243.1	320.5	394.2	467.8	537.8	600.5
-2.5°	0.0	29.5	66.2	114.1	176.6	242.8	320.0	393.7	467.2	537.2	599.9
-5°	0.0	29.4	66.0	113.7	175.8	241.8	318.7	392.2	465.5	535.3	598.0
-7.5°	0.0	29.2	65.7	113.0	174.6	240.2	316.4	389.6	462.6	532.1	594.8
-10°	0.0	29.1	65.2	112.0	173.0	238.0	313.3	386.1	458.5	527.7	590.3
-12.5°	0.0	28.8	64.6	110.8	170.8	235.1	309.2	381.6	453.3	522.1	584.7
-15°	0.0	28.5	63.8	109.3	168.2	231.6	304.3	376.1	446.9	515.2	577.8
-17.5°	0.0	28.1	62.9	107.5	165.1	227.5	298.5	369.6	439.5	507.2	569.6
-20°	0.0	27.7	61.9	105.5	161.6	222.8	291.9	362.2	430.9	497.9	560.3

Classified

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

Scaled Data Report



REPORT NUMBER: P624777 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-22

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	27.3	60.7	103.2	157.6	217.5	284.4	353.8	421.3	487.5	549.9
-25°	0.0	26.7	59.4	100.7	153.1	211.6	276.1	344.5	410.6	476.0	538.3
-27.5°	0.0	26.2	58.0	97.9	148.3	205.1	267.0	334.3	398.9	463.2	524.3
-30°	0.0	25.5	56.4	94.9	143.0	198.1	257.1	323.3	386.2	448.8	508.9
-32.5°	0.0	24.9	54.8	91.6	137.3	190.5	246.5	310.9	372.5	433.3	492.5
-35°	0.0	24.2	53.0	88.1	131.2	182.4	236.2	297.6	357.9	416.8	474.9
-37.5°	0.0	23.4	51.1	84.4	124.7	174.0	225.8	283.4	342.4	399.3	455.7
-40°	0.0	22.6	49.1	80.5	117.8	165.4	214.9	268.4	326.1	380.8	435.1
-42.5°	0.0	21.7	46.9	76.3	111.4	156.3	203.3	252.7	308.3	361.4	413.5
-45°	0.0	20.9	44.7	72.0	105.6	146.8	191.3	237.2	289.4	341.1	390.9
-47.5°	0.0	19.9	42.4	67.4	99.6	136.9	178.7	222.5	269.7	320.0	367.4
-50°	0.0	19.0	40.0	63.5	93.3	126.6	166.2	207.2	249.3	297.0	343.0
-52.5°	0.0	18.0	37.5	59.8	86.8	116.0	153.4	191.3	230.3	273.2	317.7
-55°	0.0	16.9	34.9	55.9	80.0	107.1	140.2	175.1	211.6	248.7	290.4
-57.5°	0.0	15.8	32.2	51.9	73.1	98.5	126.6	159.2	192.4	226.3	262.4
-60°	0.0	14.7	29.5	47.8	66.0	89.5	113.0	142.9	173.0	204.1	235.1
-62.5°	0.0	13.6	27.2	43.6	60.4	80.4	102.0	126.3	153.9	181.5	210.0
-65°	0.0	12.5	24.9	39.2	54.6	71.1	90.8	110.4	134.5	159.5	184.5
-67.5°	0.0	11.3	22.6	34.8	48.8	62.6	79.4	97.1	114.7	137.3	159.5
-70°	0.0	10.1	20.2	30.4	42.8	55.2	67.8	83.6	99.2	114.7	134.5
-72.5°	0.0	8.9	17.7	26.5	36.8	47.6	58.4	69.9	83.6	97.1	110.4
-75°	0.0	7.6	15.3	22.8	30.6	40.0	49.2	58.4	67.8	79.4	90.8
-77.5°	0.0	6.4	12.8	19.1	25.4	32.2	40.0	47.6	55.2	62.6	71.1
-80°	0.0	5.1	10.2	15.3	20.4	25.4	30.6	36.8	42.8	48.8	54.6
-82.5°	0.0	3.8	7.7	11.5	15.3	19.1	22.8	26.5	30.4	34.8	39.2
-85°	0.0	2.6	5.1	7.7	10.2	12.8	15.3	17.7	20.2	22.6	24.9
-87.5°	0.0	1.3	2.6	3.8	5.1	6.4	7.6	8.9	10.1	11.3	12.5
-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: P624777 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-22

**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°	13.6	14.7	15.8	16.9	18.0	19.0	19.9	20.9	21.7	22.6	23.4
85°	27.2	29.5	32.2	34.9	37.5	40.0	42.4	44.7	46.9	49.1	51.1
82.5°	43.6	47.8	51.9	55.9	59.8	63.5	67.4	72.0	76.3	80.5	84.4
80°	60.4	66.0	73.1	80.0	86.8	93.3	99.6	105.6	111.4	117.8	124.7
77.5°	80.4	89.5	98.5	107.1	116.0	126.6	136.9	146.8	156.3	165.4	174.0
75°	102.0	113.0	126.6	140.2	153.4	166.2	178.7	191.3	203.3	214.9	225.8
72.5°	126.3	142.9	159.2	175.1	191.3	207.2	222.5	237.2	252.7	268.4	283.4
70°	153.9	173.0	192.4	211.6	230.3	249.3	269.7	289.4	308.3	326.1	342.4
67.5°	181.5	204.1	226.3	248.7	273.2	297.0	320.0	341.1	361.4	380.8	399.3
65°	210.0	235.1	262.4	290.4	317.7	343.0	367.4	390.9	413.5	435.1	455.7
62.5°	238.1	269.4	300.8	331.1	359.6	387.3	414.1	440.0	465.0	487.8	509.5
60°	269.4	304.3	337.7	369.6	400.7	430.9	460.2	487.5	513.5	538.3	559.6
57.5°	300.8	337.7	373.0	407.4	441.1	473.5	503.8	533.0	558.8	583.1	605.3
55°	331.1	369.6	407.4	444.5	480.0	513.6	545.3	573.6	600.8	622.4	643.1
52.5°	359.6	400.7	441.1	480.0	516.9	551.2	582.6	610.7	634.9	656.8	674.4
50°	387.3	430.9	473.5	513.6	551.2	585.6	615.7	642.4	664.8	684.5	701.4
47.5°	414.1	460.2	503.8	545.3	582.6	615.7	644.9	668.8	690.6	708.0	724.5
45°	440.0	487.5	533.0	573.6	610.7	642.4	668.8	692.6	711.4	729.2	744.9
42.5°	465.0	513.5	558.8	600.8	634.9	664.8	690.6	711.4	730.7	748.0	764.6
40°	487.8	538.3	583.1	622.4	656.8	684.5	708.0	729.2	748.0	766.2	783.7
37.5°	509.5	559.6	605.3	643.1	674.4	701.4	724.5	744.9	764.6	783.7	806.8
35°	530.1	579.9	623.4	660.5	691.2	716.1	738.7	759.9	780.5	804.8	831.7
32.5°	548.3	599.0	640.6	675.2	704.4	729.6	752.1	774.1	798.6	826.2	859.8
30°	564.7	614.1	655.7	689.1	716.7	741.3	764.7	788.5	816.8	851.4	897.2
27.5°	579.9	627.9	667.6	700.3	727.8	752.4	776.6	804.4	837.6	878.8	938.2
25°	594.0	640.6	678.6	710.1	737.3	762.6	788.4	819.4	858.4	914.8	985.5
22.5°	605.7	652.2	688.7	719.1	746.0	772.0	801.1	836.6	882.8	948.7	1031.7
20°	615.2	660.5	696.9	727.1	753.9	780.6	812.8	852.9	911.2	988.2	1075.2
17.5°	623.7	667.9	703.5	733.5	761.0	789.2	823.7	867.6	936.8	1023.7	1115.0
15°	631.2	674.4	709.3	739.2	767.2	797.6	835.6	887.3	963.0	1055.5	1150.4
12.5°	637.5	679.9	714.3	744.0	772.4	804.8	845.8	905.2	988.0	1083.6	1183.1
10°	642.7	684.5	718.4	748.0	776.8	810.8	854.2	920.0	1008.7	1107.0	1210.3
7.5°	646.7	688.0	721.6	751.2	780.2	815.4	860.8	931.6	1025.0	1125.4	1231.8
5°	649.7	690.6	723.9	753.4	782.6	818.8	865.6	940.0	1036.8	1138.6	1247.4
2.5°	651.4	692.1	725.2	754.7	784.1	820.8	868.4	945.0	1043.8	1146.6	1256.8
0°	652.0	692.6	725.7	755.2	784.6	821.5	869.4	946.7	1046.2	1149.3	1259.9
-2.5°	651.4	692.1	725.2	754.7	784.1	820.8	868.4	945.0	1043.8	1146.6	1256.8
-5°	649.7	690.6	723.9	753.4	782.6	818.8	865.6	940.0	1036.8	1138.6	1247.4
-7.5°	646.7	688.0	721.6	751.2	780.2	815.4	860.8	931.6	1025.0	1125.4	1231.8
-10°	642.7	684.5	718.4	748.0	776.8	810.8	854.2	920.0	1008.7	1107.0	1210.3
-12.5°	637.5	679.9	714.3	744.0	772.4	804.8	845.8	905.2	988.0	1083.6	1183.1
-15°	631.2	674.4	709.3	739.2	767.2	797.6	835.6	887.3	963.0	1055.5	1150.4
-17.5°	623.7	667.9	703.5	733.5	761.0	789.2	823.7	867.6	936.8	1023.7	1115.0
-20°	615.2	660.5	696.9	727.1	753.9	780.6	812.8	852.9	911.2	988.2	1075.2

Classified

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

Scaled Data Report



REPORT NUMBER: P624777 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-22

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	605.7	652.2	688.7	719.1	746.0	772.0	801.1	836.6	882.8	948.7	1031.7
-25°	594.0	640.6	678.6	710.1	737.3	762.6	788.4	819.4	858.4	914.8	985.5
-27.5°	579.9	627.9	667.6	700.3	727.8	752.4	776.6	804.4	837.6	878.8	938.2
-30°	564.7	614.1	655.7	689.1	716.7	741.3	764.7	788.5	816.8	851.4	897.2
-32.5°	548.3	599.0	640.6	675.2	704.4	729.6	752.1	774.1	798.6	826.2	859.8
-35°	530.1	579.9	623.4	660.5	691.2	716.1	738.7	759.9	780.5	804.8	831.7
-37.5°	509.5	559.6	605.3	643.1	674.4	701.4	724.5	744.9	764.6	783.7	806.8
-40°	487.8	538.3	583.1	622.4	656.8	684.5	708.0	729.2	748.0	766.2	783.7
-42.5°	465.0	513.5	558.8	600.8	634.9	664.8	690.6	711.4	730.7	748.0	764.6
-45°	440.0	487.5	533.0	573.6	610.7	642.4	668.8	692.6	711.4	729.2	744.9
-47.5°	414.1	460.2	503.8	545.3	582.6	615.7	644.9	668.8	690.6	708.0	724.5
-50°	387.3	430.9	473.5	513.6	551.2	585.6	615.7	642.4	664.8	684.5	701.4
-52.5°	359.6	400.7	441.1	480.0	516.9	551.2	582.6	610.7	634.9	656.8	674.4
-55°	331.1	369.6	407.4	444.5	480.0	513.6	545.3	573.6	600.8	622.4	643.1
-57.5°	300.8	337.7	373.0	407.4	441.1	473.5	503.8	533.0	558.8	583.1	605.3
-60°	269.4	304.3	337.7	369.6	400.7	430.9	460.2	487.5	513.5	538.3	559.6
-62.5°	238.1	269.4	300.8	331.1	359.6	387.3	414.1	440.0	465.0	487.8	509.5
-65°	210.0	235.1	262.4	290.4	317.7	343.0	367.4	390.9	413.5	435.1	455.7
-67.5°	181.5	204.1	226.3	248.7	273.2	297.0	320.0	341.1	361.4	380.8	399.3
-70°	153.9	173.0	192.4	211.6	230.3	249.3	269.7	289.4	308.3	326.1	342.4
-72.5°	126.3	142.9	159.2	175.1	191.3	207.2	222.5	237.2	252.7	268.4	283.4
-75°	102.0	113.0	126.6	140.2	153.4	166.2	178.7	191.3	203.3	214.9	225.8
-77.5°	80.4	89.5	98.5	107.1	116.0	126.6	136.9	146.8	156.3	165.4	174.0
-80°	60.4	66.0	73.1	80.0	86.8	93.3	99.6	105.6	111.4	117.8	124.7
-82.5°	43.6	47.8	51.9	55.9	59.8	63.5	67.4	72.0	76.3	80.5	84.4
-85°	27.2	29.5	32.2	34.9	37.5	40.0	42.4	44.7	46.9	49.1	51.1
-87.5°	13.6	14.7	15.8	16.9	18.0	19.0	19.9	20.9	21.7	22.6	23.4
-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: P624777 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-22

**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°	24.2	24.9	25.5	26.2	26.7	27.3	27.7	28.1	28.5	28.8	29.1
85°	53.0	54.8	56.4	58.0	59.4	60.7	61.9	62.9	63.8	64.6	65.2
82.5°	88.1	91.6	94.9	97.9	100.7	103.2	105.5	107.5	109.3	110.8	112.0
80°	131.2	137.3	143.0	148.3	153.1	157.6	161.6	165.1	168.2	170.8	173.0
77.5°	182.4	190.5	198.1	205.1	211.6	217.5	222.8	227.5	231.6	235.1	238.0
75°	236.2	246.5	257.1	267.0	276.1	284.4	291.9	298.5	304.3	309.2	313.3
72.5°	297.6	310.9	323.3	334.3	344.5	353.8	362.2	369.6	376.1	381.6	386.1
70°	357.9	372.5	386.2	398.9	410.6	421.3	430.9	439.5	446.9	453.3	458.5
67.5°	416.8	433.3	448.8	463.2	476.0	487.5	497.9	507.2	515.2	522.1	527.7
65°	474.9	492.5	508.9	524.3	538.3	549.9	560.3	569.6	577.8	584.7	590.3
62.5°	530.1	548.3	564.7	579.9	594.0	605.7	615.2	623.7	631.2	637.5	642.7
60°	579.9	599.0	614.1	627.9	640.6	652.2	660.5	667.9	674.4	679.9	684.5
57.5°	623.4	640.6	655.7	667.6	678.6	688.7	696.9	703.5	709.3	714.3	718.4
55°	660.5	675.2	689.1	700.3	710.1	719.1	727.1	733.5	739.2	744.0	748.0
52.5°	691.2	704.4	716.7	727.8	737.3	746.0	753.9	761.0	767.2	772.4	776.8
50°	716.1	729.6	741.3	752.4	762.6	772.0	780.6	789.2	797.6	804.8	810.8
47.5°	738.7	752.1	764.7	776.6	788.4	801.1	812.8	823.7	835.6	845.8	854.2
45°	759.9	774.1	788.5	804.4	819.4	836.6	852.9	867.6	887.3	905.2	920.0
42.5°	780.5	798.6	816.8	837.6	858.4	882.8	911.2	936.8	963.0	988.0	1008.7
40°	804.8	826.2	851.4	878.8	914.8	948.7	988.2	1023.7	1055.5	1083.6	1107.0
37.5°	831.7	859.8	897.2	938.2	985.5	1031.7	1075.2	1115.0	1150.4	1183.1	1210.3
35°	862.6	906.5	954.1	1010.5	1064.2	1115.6	1164.0	1210.1	1251.1	1286.6	1316.3
32.5°	906.5	960.3	1023.1	1084.4	1143.2	1201.8	1256.5	1306.2	1350.6	1393.0	1431.8
30°	954.1	1023.1	1091.2	1157.7	1225.0	1288.2	1346.9	1406.7	1464.5	1526.9	1611.7
27.5°	1010.5	1084.4	1157.7	1232.8	1304.3	1372.2	1447.9	1532.1	1657.6	1767.7	1972.5
25°	1064.2	1143.2	1225.0	1304.3	1382.3	1469.0	1597.6	1748.0	2024.8	2290.6	2706.7
22.5°	1115.6	1201.8	1288.2	1372.2	1469.0	1619.7	1825.8	2184.7	2697.7	3329.7	4145.2
20°	1164.0	1256.5	1346.9	1447.9	1597.6	1825.8	2238.9	2945.2	3824.6	5293.7	6808.1
17.5°	1210.1	1306.2	1406.7	1532.1	1748.0	2184.7	2945.2	4105.4	5889.2	8682.5	11489.5
15°	1251.1	1350.6	1464.5	1657.6	2024.8	2697.7	3824.6	5889.2	9325.4	13618.7	18709.2
12.5°	1286.6	1393.0	1526.9	1767.7	2290.6	3329.7	5293.7	8682.5	13618.7	19945.5	27998.7
10°	1316.3	1431.8	1611.7	1972.5	2706.7	4145.2	6808.1	11489.5	18709.2	27998.7	40296.5
7.5°	1339.7	1462.6	1679.3	2136.7	3100.5	5071.2	8865.2	15143.6	24142.6	36587.8	54176.7
5°	1356.7	1484.9	1728.4	2256.5	3389.2	5753.9	10393.5	17964.7	28819.2	45835.0	74722.1
2.5°	1367.0	1498.5	1758.2	2329.4	3565.5	6172.8	11336.5	19719.8	31763.7	51765.3	88296.6
0°	1370.4	1503.0	1768.2	2353.9	3624.8	6314.0	11655.5	20316.1	32771.0	53816.4	93081.9
-2.5°	1367.0	1498.5	1758.2	2329.4	3565.5	6172.8	11336.5	19719.8	31763.7	51765.3	88296.6
-5°	1356.7	1484.9	1728.4	2256.5	3389.2	5753.9	10393.5	17964.7	28819.2	45835.0	74722.1
-7.5°	1339.7	1462.6	1679.3	2136.7	3100.5	5071.2	8865.2	15143.6	24142.6	36587.8	54176.7
-10°	1316.3	1431.8	1611.7	1972.5	2706.7	4145.2	6808.1	11489.5	18709.2	27998.7	40296.5
-12.5°	1286.6	1393.0	1526.9	1767.7	2290.6	3329.7	5293.7	8682.5	13618.7	19945.5	27998.7
-15°	1251.1	1350.6	1464.5	1657.6	2024.8	2697.7	3824.6	5889.2	9325.4	13618.7	18709.2
-17.5°	1210.1	1306.2	1406.7	1532.1	1748.0	2184.7	2945.2	4105.4	5889.2	8682.5	11489.5
-20°	1164.0	1256.5	1346.9	1447.9	1597.6	1825.8	2238.9	2945.2	3824.6	5293.7	6808.1

Classified

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

Scaled Data Report



REPORT NUMBER: P624777 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-22

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1115.6	1201.8	1288.2	1372.2	1469.0	1619.7	1825.8	2184.7	2697.7	3329.7	4145.2
-25°	1064.2	1143.2	1225.0	1304.3	1382.3	1469.0	1597.6	1748.0	2024.8	2290.6	2706.7
-27.5°	1010.5	1084.4	1157.7	1232.8	1304.3	1372.2	1447.9	1532.1	1657.6	1767.7	1972.5
-30°	954.1	1023.1	1091.2	1157.7	1225.0	1288.2	1346.9	1406.7	1464.5	1526.9	1611.7
-32.5°	906.5	960.3	1023.1	1084.4	1143.2	1201.8	1256.5	1306.2	1350.6	1393.0	1431.8
-35°	862.6	906.5	954.1	1010.5	1064.2	1115.6	1164.0	1210.1	1251.1	1286.6	1316.3
-37.5°	831.7	859.8	897.2	938.2	985.5	1031.7	1075.2	1115.0	1150.4	1183.1	1210.3
-40°	804.8	826.2	851.4	878.8	914.8	948.7	988.2	1023.7	1055.5	1083.6	1107.0
-42.5°	780.5	798.6	816.8	837.6	858.4	882.8	911.2	936.8	963.0	988.0	1008.7
-45°	759.9	774.1	788.5	804.4	819.4	836.6	852.9	867.6	887.3	905.2	920.0
-47.5°	738.7	752.1	764.7	776.6	788.4	801.1	812.8	823.7	835.6	845.8	854.2
-50°	716.1	729.6	741.3	752.4	762.6	772.0	780.6	789.2	797.6	804.8	810.8
-52.5°	691.2	704.4	716.7	727.8	737.3	746.0	753.9	761.0	767.2	772.4	776.8
-55°	660.5	675.2	689.1	700.3	710.1	719.1	727.1	733.5	739.2	744.0	748.0
-57.5°	623.4	640.6	655.7	667.6	678.6	688.7	696.9	703.5	709.3	714.3	718.4
-60°	579.9	599.0	614.1	627.9	640.6	652.2	660.5	667.9	674.4	679.9	684.5
-62.5°	530.1	548.3	564.7	579.9	594.0	605.7	615.2	623.7	631.2	637.5	642.7
-65°	474.9	492.5	508.9	524.3	538.3	549.9	560.3	569.6	577.8	584.7	590.3
-67.5°	416.8	433.3	448.8	463.2	476.0	487.5	497.9	507.2	515.2	522.1	527.7
-70°	357.9	372.5	386.2	398.9	410.6	421.3	430.9	439.5	446.9	453.3	458.5
-72.5°	297.6	310.9	323.3	334.3	344.5	353.8	362.2	369.6	376.1	381.6	386.1
-75°	236.2	246.5	257.1	267.0	276.1	284.4	291.9	298.5	304.3	309.2	313.3
-77.5°	182.4	190.5	198.1	205.1	211.6	217.5	222.8	227.5	231.6	235.1	238.0
-80°	131.2	137.3	143.0	148.3	153.1	157.6	161.6	165.1	168.2	170.8	173.0
-82.5°	88.1	91.6	94.9	97.9	100.7	103.2	105.5	107.5	109.3	110.8	112.0
-85°	53.0	54.8	56.4	58.0	59.4	60.7	61.9	62.9	63.8	64.6	65.2
-87.5°	24.2	24.9	25.5	26.2	26.7	27.3	27.7	28.1	28.5	28.8	29.1
-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: P624777 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-22

**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°	29.2	29.4	29.5	29.5	29.5	29.4	29.2	29.1	28.8	28.5	28.1
85°	65.7	66.0	66.2	66.3	66.2	66.0	65.7	65.2	64.6	63.8	62.9
82.5°	113.0	113.7	114.1	114.2	114.1	113.7	113.0	112.0	110.8	109.3	107.5
80°	174.6	175.8	176.6	176.8	176.6	175.8	174.6	173.0	170.8	168.2	165.1
77.5°	240.2	241.8	242.8	243.1	242.8	241.8	240.2	238.0	235.1	231.6	227.5
75°	316.4	318.7	320.0	320.5	320.0	318.7	316.4	313.3	309.2	304.3	298.5
72.5°	389.6	392.2	393.7	394.2	393.7	392.2	389.6	386.1	381.6	376.1	369.6
70°	462.6	465.5	467.2	467.8	467.2	465.5	462.6	458.5	453.3	446.9	439.5
67.5°	532.1	535.3	537.2	537.8	537.2	535.3	532.1	527.7	522.1	515.2	507.2
65°	594.8	598.0	599.9	600.5	599.9	598.0	594.8	590.3	584.7	577.8	569.6
62.5°	646.7	649.7	651.4	652.0	651.4	649.7	646.7	642.7	637.5	631.2	623.7
60°	688.0	690.6	692.1	692.6	692.1	690.6	688.0	684.5	679.9	674.4	667.9
57.5°	721.6	723.9	725.2	725.7	725.2	723.9	721.6	718.4	714.3	709.3	703.5
55°	751.2	753.4	754.7	755.2	754.7	753.4	751.2	748.0	744.0	739.2	733.5
52.5°	780.2	782.6	784.1	784.6	784.1	782.6	780.2	776.8	772.4	767.2	761.0
50°	815.4	818.8	820.8	821.5	820.8	818.8	815.4	810.8	804.8	797.6	789.2
47.5°	860.8	865.6	868.4	869.4	868.4	865.6	860.8	854.2	845.8	835.6	823.7
45°	931.6	940.0	945.0	946.7	945.0	940.0	931.6	920.0	905.2	887.3	867.6
42.5°	1025.0	1036.8	1043.8	1046.2	1043.8	1036.8	1025.0	1008.7	988.0	963.0	936.8
40°	1125.4	1138.6	1146.6	1149.3	1146.6	1138.6	1125.4	1107.0	1083.6	1055.5	1023.7
37.5°	1231.8	1247.4	1256.8	1259.9	1256.8	1247.4	1231.8	1210.3	1183.1	1150.4	1115.0
35°	1339.7	1356.7	1367.0	1370.4	1367.0	1356.7	1339.7	1316.3	1286.6	1251.1	1210.1
32.5°	1462.6	1484.9	1498.5	1503.0	1498.5	1484.9	1462.6	1431.8	1393.0	1350.6	1306.2
30°	1679.3	1728.4	1758.2	1768.2	1758.2	1728.4	1679.3	1611.7	1526.9	1464.5	1406.7
27.5°	2136.7	2256.5	2329.4	2353.9	2329.4	2256.5	2136.7	1972.5	1767.7	1657.6	1532.1
25°	3100.5	3389.2	3565.5	3624.8	3565.5	3389.2	3100.5	2706.7	2290.6	2024.8	1748.0
22.5°	5071.2	5753.9	6172.8	6314.0	6172.8	5753.9	5071.2	4145.2	3329.7	2697.7	2184.7
20°	8865.2	10393.5	11336.5	11655.5	11336.5	10393.5	8865.2	6808.1	5293.7	3824.6	2945.2
17.5°	15143.6	17964.7	19719.8	20316.1	19719.8	17964.7	15143.6	11489.5	8682.5	5889.2	4105.4
15°	24142.6	28819.2	31763.7	32771.0	31763.7	28819.2	24142.6	18709.2	13618.7	9325.4	5889.2
12.5°	36587.8	45835.0	51765.3	53816.4	51765.3	45835.0	36587.8	27998.7	19945.5	13618.7	8682.5
10°	54176.7	74722.1	88296.6	93081.9	88296.6	74722.1	54176.7	40296.5	27998.7	18709.2	11489.5
7.5°	83793.1	116408.2	149513.0	163545.4	149513.0	116408.2	83793.1	54176.7	36587.8	24142.6	15143.6
5°	116408.2	178620.9	240541.2	267280.7	240541.2	178620.9	116408.2	74722.1	45835.0	28819.2	17964.7
2.5°	149513.0	240541.2	331583.0	367923.6	331583.0	240541.2	149513.0	88296.6	51765.3	31763.7	19719.8
0°	163545.4	267280.7	367923.6	408808.0	367923.6	267280.7	163545.4	93081.9	53816.4	32771.0	20316.1
-2.5°	149513.0	240541.2	331583.0	367923.6	331583.0	240541.2	149513.0	88296.6	51765.3	31763.7	19719.8
-5°	116408.2	178620.9	240541.2	267280.7	240541.2	178620.9	116408.2	74722.1	45835.0	28819.2	17964.7
-7.5°	83793.1	116408.2	149513.0	163545.4	149513.0	116408.2	83793.1	54176.7	36587.8	24142.6	15143.6
-10°	54176.7	74722.1	88296.6	93081.9	88296.6	74722.1	54176.7	40296.5	27998.7	18709.2	11489.5
-12.5°	36587.8	45835.0	51765.3	53816.4	51765.3	45835.0	36587.8	27998.7	19945.5	13618.7	8682.5
-15°	24142.6	28819.2	31763.7	32771.0	31763.7	28819.2	24142.6	18709.2	13618.7	9325.4	5889.2
-17.5°	15143.6	17964.7	19719.8	20316.1	19719.8	17964.7	15143.6	11489.5	8682.5	5889.2	4105.4
-20°	8865.2	10393.5	11336.5	11655.5	11336.5	10393.5	8865.2	6808.1	5293.7	3824.6	2945.2



REPORT NUMBER: P624777 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-22

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5071.2	5753.9	6172.8	6314.0	6172.8	5753.9	5071.2	4145.2	3329.7	2697.7	2184.7
-25°	3100.5	3389.2	3565.5	3624.8	3565.5	3389.2	3100.5	2706.7	2290.6	2024.8	1748.0
-27.5°	2136.7	2256.5	2329.4	2353.9	2329.4	2256.5	2136.7	1972.5	1767.7	1657.6	1532.1
-30°	1679.3	1728.4	1758.2	1768.2	1758.2	1728.4	1679.3	1611.7	1526.9	1464.5	1406.7
-32.5°	1462.6	1484.9	1498.5	1503.0	1498.5	1484.9	1462.6	1431.8	1393.0	1350.6	1306.2
-35°	1339.7	1356.7	1367.0	1370.4	1367.0	1356.7	1339.7	1316.3	1286.6	1251.1	1210.1
-37.5°	1231.8	1247.4	1256.8	1259.9	1256.8	1247.4	1231.8	1210.3	1183.1	1150.4	1115.0
-40°	1125.4	1138.6	1146.6	1149.3	1146.6	1138.6	1125.4	1107.0	1083.6	1055.5	1023.7
-42.5°	1025.0	1036.8	1043.8	1046.2	1043.8	1036.8	1025.0	1008.7	988.0	963.0	936.8
-45°	931.6	940.0	945.0	946.7	945.0	940.0	931.6	920.0	905.2	887.3	867.6
-47.5°	860.8	865.6	868.4	869.4	868.4	865.6	860.8	854.2	845.8	835.6	823.7
-50°	815.4	818.8	820.8	821.5	820.8	818.8	815.4	810.8	804.8	797.6	789.2
-52.5°	780.2	782.6	784.1	784.6	784.1	782.6	780.2	776.8	772.4	767.2	761.0
-55°	751.2	753.4	754.7	755.2	754.7	753.4	751.2	748.0	744.0	739.2	733.5
-57.5°	721.6	723.9	725.2	725.7	725.2	723.9	721.6	718.4	714.3	709.3	703.5
-60°	688.0	690.6	692.1	692.6	692.1	690.6	688.0	684.5	679.9	674.4	667.9
-62.5°	646.7	649.7	651.4	652.0	651.4	649.7	646.7	642.7	637.5	631.2	623.7
-65°	594.8	598.0	599.9	600.5	599.9	598.0	594.8	590.3	584.7	577.8	569.6
-67.5°	532.1	535.3	537.2	537.8	537.2	535.3	532.1	527.7	522.1	515.2	507.2
-70°	462.6	465.5	467.2	467.8	467.2	465.5	462.6	458.5	453.3	446.9	439.5
-72.5°	389.6	392.2	393.7	394.2	393.7	392.2	389.6	386.1	381.6	376.1	369.6
-75°	316.4	318.7	320.0	320.5	320.0	318.7	316.4	313.3	309.2	304.3	298.5
-77.5°	240.2	241.8	242.8	243.1	242.8	241.8	240.2	238.0	235.1	231.6	227.5
-80°	174.6	175.8	176.6	176.8	176.6	175.8	174.6	173.0	170.8	168.2	165.1
-82.5°	113.0	113.7	114.1	114.2	114.1	113.7	113.0	112.0	110.8	109.3	107.5
-85°	65.7	66.0	66.2	66.3	66.2	66.0	65.7	65.2	64.6	63.8	62.9
-87.5°	29.2	29.4	29.5	29.5	29.5	29.4	29.2	29.1	28.8	28.5	28.1
-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: P624777 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-22

**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°	27.7	27.3	26.7	26.2	25.5	24.9	24.2	23.4	22.6	21.7	20.9
85°	61.9	60.7	59.4	58.0	56.4	54.8	53.0	51.1	49.1	46.9	44.7
82.5°	105.5	103.2	100.7	97.9	94.9	91.6	88.1	84.4	80.5	76.3	72.0
80°	161.6	157.6	153.1	148.3	143.0	137.3	131.2	124.7	117.8	111.4	105.6
77.5°	222.8	217.5	211.6	205.1	198.1	190.5	182.4	174.0	165.4	156.3	146.8
75°	291.9	284.4	276.1	267.0	257.1	246.5	236.2	225.8	214.9	203.3	191.3
72.5°	362.2	353.8	344.5	334.3	323.3	310.9	297.6	283.4	268.4	252.7	237.2
70°	430.9	421.3	410.6	398.9	386.2	372.5	357.9	342.4	326.1	308.3	289.4
67.5°	497.9	487.5	476.0	463.2	448.8	433.3	416.8	399.3	380.8	361.4	341.1
65°	560.3	549.9	538.3	524.3	508.9	492.5	474.9	455.7	435.1	413.5	390.9
62.5°	615.2	605.7	594.0	579.9	564.7	548.3	530.1	509.5	487.8	465.0	440.0
60°	660.5	652.2	640.6	627.9	614.1	599.0	579.9	559.6	538.3	513.5	487.5
57.5°	696.9	688.7	678.6	667.6	655.7	640.6	623.4	605.3	583.1	558.8	533.0
55°	727.1	719.1	710.1	700.3	689.1	675.2	660.5	643.1	622.4	600.8	573.6
52.5°	753.9	746.0	737.3	727.8	716.7	704.4	691.2	674.4	656.8	634.9	610.7
50°	780.6	772.0	762.6	752.4	741.3	729.6	716.1	701.4	684.5	664.8	642.4
47.5°	812.8	801.1	788.4	776.6	764.7	752.1	738.7	724.5	708.0	690.6	668.8
45°	852.9	836.6	819.4	804.4	788.5	774.1	759.9	744.9	729.2	711.4	692.6
42.5°	911.2	882.8	858.4	837.6	816.8	798.6	780.5	764.6	748.0	730.7	711.4
40°	988.2	948.7	914.8	878.8	851.4	826.2	804.8	783.7	766.2	748.0	729.2
37.5°	1075.2	1031.7	985.5	938.2	897.2	859.8	831.7	806.8	783.7	764.6	744.9
35°	1164.0	1115.6	1064.2	1010.5	954.1	906.5	862.6	831.7	804.8	780.5	759.9
32.5°	1256.5	1201.8	1143.2	1084.4	1023.1	960.3	906.5	859.8	826.2	798.6	774.1
30°	1346.9	1288.2	1225.0	1157.7	1091.2	1023.1	954.1	897.2	851.4	816.8	788.5
27.5°	1447.9	1372.2	1304.3	1232.8	1157.7	1084.4	1010.5	938.2	878.8	837.6	804.4
25°	1597.6	1469.0	1382.3	1304.3	1225.0	1143.2	1064.2	985.5	914.8	858.4	819.4
22.5°	1825.8	1619.7	1469.0	1372.2	1288.2	1201.8	1115.6	1031.7	948.7	882.8	836.6
20°	2238.9	1825.8	1597.6	1447.9	1346.9	1256.5	1164.0	1075.2	988.2	911.2	852.9
17.5°	2945.2	2184.7	1748.0	1532.1	1406.7	1306.2	1210.1	1115.0	1023.7	936.8	867.6
15°	3824.6	2697.7	2024.8	1657.6	1464.5	1350.6	1251.1	1150.4	1055.5	963.0	887.3
12.5°	5293.7	3329.7	2290.6	1767.7	1526.9	1393.0	1286.6	1183.1	1083.6	988.0	905.2
10°	6808.1	4145.2	2706.7	1972.5	1611.7	1431.8	1316.3	1210.3	1107.0	1008.7	920.0
7.5°	8865.2	5071.2	3100.5	2136.7	1679.3	1462.6	1339.7	1231.8	1125.4	1025.0	931.6
5°	10393.5	5753.9	3389.2	2256.5	1728.4	1484.9	1356.7	1247.4	1138.6	1036.8	940.0
2.5°	11336.5	6172.8	3565.5	2329.4	1758.2	1498.5	1367.0	1256.8	1146.6	1043.8	945.0
0°	<b>11655.5</b>	<b>6314.0</b>	<b>3624.8</b>	<b>2353.9</b>	<b>1768.2</b>	<b>1503.0</b>	<b>1370.4</b>	<b>1259.9</b>	<b>1149.3</b>	<b>1046.2</b>	<b>946.7</b>
-2.5°	11336.5	6172.8	3565.5	2329.4	1758.2	1498.5	1367.0	1256.8	1146.6	1043.8	945.0
-5°	10393.5	5753.9	3389.2	2256.5	1728.4	1484.9	1356.7	1247.4	1138.6	1036.8	940.0
-7.5°	8865.2	5071.2	3100.5	2136.7	1679.3	1462.6	1339.7	1231.8	1125.4	1025.0	931.6
-10°	6808.1	4145.2	2706.7	1972.5	1611.7	1431.8	1316.3	1210.3	1107.0	1008.7	920.0
-12.5°	5293.7	3329.7	2290.6	1767.7	1526.9	1393.0	1286.6	1183.1	1083.6	988.0	905.2
-15°	3824.6	2697.7	2024.8	1657.6	1464.5	1350.6	1251.1	1150.4	1055.5	963.0	887.3
-17.5°	2945.2	2184.7	1748.0	1532.1	1406.7	1306.2	1210.1	1115.0	1023.7	936.8	867.6
-20°	2238.9	1825.8	1597.6	1447.9	1346.9	1256.5	1164.0	1075.2	988.2	911.2	852.9

Classified

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

Scaled Data Report



REPORT NUMBER: P624777 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-22

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1825.8	1619.7	1469.0	1372.2	1288.2	1201.8	1115.6	1031.7	948.7	882.8	836.6
-25°	1597.6	1469.0	1382.3	1304.3	1225.0	1143.2	1064.2	985.5	914.8	858.4	819.4
-27.5°	1447.9	1372.2	1304.3	1232.8	1157.7	1084.4	1010.5	938.2	878.8	837.6	804.4
-30°	1346.9	1288.2	1225.0	1157.7	1091.2	1023.1	954.1	897.2	851.4	816.8	788.5
-32.5°	1256.5	1201.8	1143.2	1084.4	1023.1	960.3	906.5	859.8	826.2	798.6	774.1
-35°	1164.0	1115.6	1064.2	1010.5	954.1	906.5	862.6	831.7	804.8	780.5	759.9
-37.5°	1075.2	1031.7	985.5	938.2	897.2	859.8	831.7	806.8	783.7	764.6	744.9
-40°	988.2	948.7	914.8	878.8	851.4	826.2	804.8	783.7	766.2	748.0	729.2
-42.5°	911.2	882.8	858.4	837.6	816.8	798.6	780.5	764.6	748.0	730.7	711.4
-45°	852.9	836.6	819.4	804.4	788.5	774.1	759.9	744.9	729.2	711.4	692.6
-47.5°	812.8	801.1	788.4	776.6	764.7	752.1	738.7	724.5	708.0	690.6	668.8
-50°	780.6	772.0	762.6	752.4	741.3	729.6	716.1	701.4	684.5	664.8	642.4
-52.5°	753.9	746.0	737.3	727.8	716.7	704.4	691.2	674.4	656.8	634.9	610.7
-55°	727.1	719.1	710.1	700.3	689.1	675.2	660.5	643.1	622.4	600.8	573.6
-57.5°	696.9	688.7	678.6	667.6	655.7	640.6	623.4	605.3	583.1	558.8	533.0
-60°	660.5	652.2	640.6	627.9	614.1	599.0	579.9	559.6	538.3	513.5	487.5
-62.5°	615.2	605.7	594.0	579.9	564.7	548.3	530.1	509.5	487.8	465.0	440.0
-65°	560.3	549.9	538.3	524.3	508.9	492.5	474.9	455.7	435.1	413.5	390.9
-67.5°	497.9	487.5	476.0	463.2	448.8	433.3	416.8	399.3	380.8	361.4	341.1
-70°	430.9	421.3	410.6	398.9	386.2	372.5	357.9	342.4	326.1	308.3	289.4
-72.5°	362.2	353.8	344.5	334.3	323.3	310.9	297.6	283.4	268.4	252.7	237.2
-75°	291.9	284.4	276.1	267.0	257.1	246.5	236.2	225.8	214.9	203.3	191.3
-77.5°	222.8	217.5	211.6	205.1	198.1	190.5	182.4	174.0	165.4	156.3	146.8
-80°	161.6	157.6	153.1	148.3	143.0	137.3	131.2	124.7	117.8	111.4	105.6
-82.5°	105.5	103.2	100.7	97.9	94.9	91.6	88.1	84.4	80.5	76.3	72.0
-85°	61.9	60.7	59.4	58.0	56.4	54.8	53.0	51.1	49.1	46.9	44.7
-87.5°	27.7	27.3	26.7	26.2	25.5	24.9	24.2	23.4	22.6	21.7	20.9
-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: P624777 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-22

**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°	19.9	19.0	18.0	16.9	15.8	14.7	13.6	12.5	11.3	10.1	8.9
85°	42.4	40.0	37.5	34.9	32.2	29.5	27.2	24.9	22.6	20.2	17.7
82.5°	67.4	63.5	59.8	55.9	51.9	47.8	43.6	39.2	34.8	30.4	26.5
80°	99.6	93.3	86.8	80.0	73.1	66.0	60.4	54.6	48.8	42.8	36.8
77.5°	136.9	126.6	116.0	107.1	98.5	89.5	80.4	71.1	62.6	55.2	47.6
75°	178.7	166.2	153.4	140.2	126.6	113.0	102.0	90.8	79.4	67.8	58.4
72.5°	222.5	207.2	191.3	175.1	159.2	142.9	126.3	110.4	97.1	83.6	69.9
70°	269.7	249.3	230.3	211.6	192.4	173.0	153.9	134.5	114.7	99.2	83.6
67.5°	320.0	297.0	273.2	248.7	226.3	204.1	181.5	159.5	137.3	114.7	97.1
65°	367.4	343.0	317.7	290.4	262.4	235.1	210.0	184.5	159.5	134.5	110.4
62.5°	414.1	387.3	359.6	331.1	300.8	269.4	238.1	210.0	181.5	153.9	126.3
60°	460.2	430.9	400.7	369.6	337.7	304.3	269.4	235.1	204.1	173.0	142.9
57.5°	503.8	473.5	441.1	407.4	373.0	337.7	300.8	262.4	226.3	192.4	159.2
55°	545.3	513.6	480.0	444.5	407.4	369.6	331.1	290.4	248.7	211.6	175.1
52.5°	582.6	551.2	516.9	480.0	441.1	400.7	359.6	317.7	273.2	230.3	191.3
50°	615.7	585.6	551.2	513.6	473.5	430.9	387.3	343.0	297.0	249.3	207.2
47.5°	644.9	615.7	582.6	545.3	503.8	460.2	414.1	367.4	320.0	269.7	222.5
45°	668.8	642.4	610.7	573.6	533.0	487.5	440.0	390.9	341.1	289.4	237.2
42.5°	690.6	664.8	634.9	600.8	558.8	513.5	465.0	413.5	361.4	308.3	252.7
40°	708.0	684.5	656.8	622.4	583.1	538.3	487.8	435.1	380.8	326.1	268.4
37.5°	724.5	701.4	674.4	643.1	605.3	559.6	509.5	455.7	399.3	342.4	283.4
35°	738.7	716.1	691.2	660.5	623.4	579.9	530.1	474.9	416.8	357.9	297.6
32.5°	752.1	729.6	704.4	675.2	640.6	599.0	548.3	492.5	433.3	372.5	310.9
30°	764.7	741.3	716.7	689.1	655.7	614.1	564.7	508.9	448.8	386.2	323.3
27.5°	776.6	752.4	727.8	700.3	667.6	627.9	579.9	524.3	463.2	398.9	334.3
25°	788.4	762.6	737.3	710.1	678.6	640.6	594.0	538.3	476.0	410.6	344.5
22.5°	801.1	772.0	746.0	719.1	688.7	652.2	605.7	549.9	487.5	421.3	353.8
20°	812.8	780.6	753.9	727.1	696.9	660.5	615.2	560.3	497.9	430.9	362.2
17.5°	823.7	789.2	761.0	733.5	703.5	667.9	623.7	569.6	507.2	439.5	369.6
15°	835.6	797.6	767.2	739.2	709.3	674.4	631.2	577.8	515.2	446.9	376.1
12.5°	845.8	804.8	772.4	744.0	714.3	679.9	637.5	584.7	522.1	453.3	381.6
10°	854.2	810.8	776.8	748.0	718.4	684.5	642.7	590.3	527.7	458.5	386.1
7.5°	860.8	815.4	780.2	751.2	721.6	688.0	646.7	594.8	532.1	462.6	389.6
5°	865.6	818.8	782.6	753.4	723.9	690.6	649.7	598.0	535.3	465.5	392.2
2.5°	868.4	820.8	784.1	754.7	725.2	692.1	651.4	599.9	537.2	467.2	393.7
0°	869.4	821.5	784.6	755.2	725.7	692.6	652.0	600.5	537.8	467.8	394.2
-2.5°	868.4	820.8	784.1	754.7	725.2	692.1	651.4	599.9	537.2	467.2	393.7
-5°	865.6	818.8	782.6	753.4	723.9	690.6	649.7	598.0	535.3	465.5	392.2
-7.5°	860.8	815.4	780.2	751.2	721.6	688.0	646.7	594.8	532.1	462.6	389.6
-10°	854.2	810.8	776.8	748.0	718.4	684.5	642.7	590.3	527.7	458.5	386.1
-12.5°	845.8	804.8	772.4	744.0	714.3	679.9	637.5	584.7	522.1	453.3	381.6
-15°	835.6	797.6	767.2	739.2	709.3	674.4	631.2	577.8	515.2	446.9	376.1
-17.5°	823.7	789.2	761.0	733.5	703.5	667.9	623.7	569.6	507.2	439.5	369.6
-20°	812.8	780.6	753.9	727.1	696.9	660.5	615.2	560.3	497.9	430.9	362.2

Classified

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

Scaled Data Report



REPORT NUMBER: P624777 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-22

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	801.1	772.0	746.0	719.1	688.7	652.2	605.7	549.9	487.5	421.3	353.8
-25°	788.4	762.6	737.3	710.1	678.6	640.6	594.0	538.3	476.0	410.6	344.5
-27.5°	776.6	752.4	727.8	700.3	667.6	627.9	579.9	524.3	463.2	398.9	334.3
-30°	764.7	741.3	716.7	689.1	655.7	614.1	564.7	508.9	448.8	386.2	323.3
-32.5°	752.1	729.6	704.4	675.2	640.6	599.0	548.3	492.5	433.3	372.5	310.9
-35°	738.7	716.1	691.2	660.5	623.4	579.9	530.1	474.9	416.8	357.9	297.6
-37.5°	724.5	701.4	674.4	643.1	605.3	559.6	509.5	455.7	399.3	342.4	283.4
-40°	708.0	684.5	656.8	622.4	583.1	538.3	487.8	435.1	380.8	326.1	268.4
-42.5°	690.6	664.8	634.9	600.8	558.8	513.5	465.0	413.5	361.4	308.3	252.7
-45°	668.8	642.4	610.7	573.6	533.0	487.5	440.0	390.9	341.1	289.4	237.2
-47.5°	644.9	615.7	582.6	545.3	503.8	460.2	414.1	367.4	320.0	269.7	222.5
-50°	615.7	585.6	551.2	513.6	473.5	430.9	387.3	343.0	297.0	249.3	207.2
-52.5°	582.6	551.2	516.9	480.0	441.1	400.7	359.6	317.7	273.2	230.3	191.3
-55°	545.3	513.6	480.0	444.5	407.4	369.6	331.1	290.4	248.7	211.6	175.1
-57.5°	503.8	473.5	441.1	407.4	373.0	337.7	300.8	262.4	226.3	192.4	159.2
-60°	460.2	430.9	400.7	369.6	337.7	304.3	269.4	235.1	204.1	173.0	142.9
-62.5°	414.1	387.3	359.6	331.1	300.8	269.4	238.1	210.0	181.5	153.9	126.3
-65°	367.4	343.0	317.7	290.4	262.4	235.1	210.0	184.5	159.5	134.5	110.4
-67.5°	320.0	297.0	273.2	248.7	226.3	204.1	181.5	159.5	137.3	114.7	97.1
-70°	269.7	249.3	230.3	211.6	192.4	173.0	153.9	134.5	114.7	99.2	83.6
-72.5°	222.5	207.2	191.3	175.1	159.2	142.9	126.3	110.4	97.1	83.6	69.9
-75°	178.7	166.2	153.4	140.2	126.6	113.0	102.0	90.8	79.4	67.8	58.4
-77.5°	136.9	126.6	116.0	107.1	98.5	89.5	80.4	71.1	62.6	55.2	47.6
-80°	99.6	93.3	86.8	80.0	73.1	66.0	60.4	54.6	48.8	42.8	36.8
-82.5°	67.4	63.5	59.8	55.9	51.9	47.8	43.6	39.2	34.8	30.4	26.5
-85°	42.4	40.0	37.5	34.9	32.2	29.5	27.2	24.9	22.6	20.2	17.7
-87.5°	19.9	19.0	18.0	16.9	15.8	14.7	13.6	12.5	11.3	10.1	8.9
-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: P624777 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-22

**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°	7.6	6.4	5.1	3.8	2.6	1.3	0.0
85°	15.3	12.8	10.2	7.7	5.1	2.6	0.0
82.5°	22.8	19.1	15.3	11.5	7.7	3.8	0.0
80°	30.6	25.4	20.4	15.3	10.2	5.1	0.0
77.5°	40.0	32.2	25.4	19.1	12.8	6.4	0.0
75°	49.2	40.0	30.6	22.8	15.3	7.6	0.0
72.5°	58.4	47.6	36.8	26.5	17.7	8.9	0.0
70°	67.8	55.2	42.8	30.4	20.2	10.1	0.0
67.5°	79.4	62.6	48.8	34.8	22.6	11.3	0.0
65°	90.8	71.1	54.6	39.2	24.9	12.5	0.0
62.5°	102.0	80.4	60.4	43.6	27.2	13.6	0.0
60°	113.0	89.5	66.0	47.8	29.5	14.7	0.0
57.5°	126.6	98.5	73.1	51.9	32.2	15.8	0.0
55°	140.2	107.1	80.0	55.9	34.9	16.9	0.0
52.5°	153.4	116.0	86.8	59.8	37.5	18.0	0.0
50°	166.2	126.6	93.3	63.5	40.0	19.0	0.0
47.5°	178.7	136.9	99.6	67.4	42.4	19.9	0.0
45°	191.3	146.8	105.6	72.0	44.7	20.9	0.0
42.5°	203.3	156.3	111.4	76.3	46.9	21.7	0.0
40°	214.9	165.4	117.8	80.5	49.1	22.6	0.0
37.5°	225.8	174.0	124.7	84.4	51.1	23.4	0.0
35°	236.2	182.4	131.2	88.1	53.0	24.2	0.0
32.5°	246.5	190.5	137.3	91.6	54.8	24.9	0.0
30°	257.1	198.1	143.0	94.9	56.4	25.5	0.0
27.5°	267.0	205.1	148.3	97.9	58.0	26.2	0.0
25°	276.1	211.6	153.1	100.7	59.4	26.7	0.0
22.5°	284.4	217.5	157.6	103.2	60.7	27.3	0.0
20°	291.9	222.8	161.6	105.5	61.9	27.7	0.0
17.5°	298.5	227.5	165.1	107.5	62.9	28.1	0.0
15°	304.3	231.6	168.2	109.3	63.8	28.5	0.0
12.5°	309.2	235.1	170.8	110.8	64.6	28.8	0.0
10°	313.3	238.0	173.0	112.0	65.2	29.1	0.0
7.5°	316.4	240.2	174.6	113.0	65.7	29.2	0.0
5°	318.7	241.8	175.8	113.7	66.0	29.4	0.0
2.5°	320.0	242.8	176.6	114.1	66.2	29.5	0.0
0°	320.5	243.1	176.8	114.2	66.3	29.5	0.0
-2.5°	320.0	242.8	176.6	114.1	66.2	29.5	0.0
-5°	318.7	241.8	175.8	113.7	66.0	29.4	0.0
-7.5°	316.4	240.2	174.6	113.0	65.7	29.2	0.0
-10°	313.3	238.0	173.0	112.0	65.2	29.1	0.0
-12.5°	309.2	235.1	170.8	110.8	64.6	28.8	0.0
-15°	304.3	231.6	168.2	109.3	63.8	28.5	0.0
-17.5°	298.5	227.5	165.1	107.5	62.9	28.1	0.0
-20°	291.9	222.8	161.6	105.5	61.9	27.7	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P624777 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-5700K-22

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	284.4	217.5	157.6	103.2	60.7	27.3	0.0
-25°	276.1	211.6	153.1	100.7	59.4	26.7	0.0
-27.5°	267.0	205.1	148.3	97.9	58.0	26.2	0.0
-30°	257.1	198.1	143.0	94.9	56.4	25.5	0.0
-32.5°	246.5	190.5	137.3	91.6	54.8	24.9	0.0
-35°	236.2	182.4	131.2	88.1	53.0	24.2	0.0
-37.5°	225.8	174.0	124.7	84.4	51.1	23.4	0.0
-40°	214.9	165.4	117.8	80.5	49.1	22.6	0.0
-42.5°	203.3	156.3	111.4	76.3	46.9	21.7	0.0
-45°	191.3	146.8	105.6	72.0	44.7	20.9	0.0
-47.5°	178.7	136.9	99.6	67.4	42.4	19.9	0.0
-50°	166.2	126.6	93.3	63.5	40.0	19.0	0.0
-52.5°	153.4	116.0	86.8	59.8	37.5	18.0	0.0
-55°	140.2	107.1	80.0	55.9	34.9	16.9	0.0
-57.5°	126.6	98.5	73.1	51.9	32.2	15.8	0.0
-60°	113.0	89.5	66.0	47.8	29.5	14.7	0.0
-62.5°	102.0	80.4	60.4	43.6	27.2	13.6	0.0
-65°	90.8	71.1	54.6	39.2	24.9	12.5	0.0
-67.5°	79.4	62.6	48.8	34.8	22.6	11.3	0.0
-70°	67.8	55.2	42.8	30.4	20.2	10.1	0.0
-72.5°	58.4	47.6	36.8	26.5	17.7	8.9	0.0
-75°	49.2	40.0	30.6	22.8	15.3	7.6	0.0
-77.5°	40.0	32.2	25.4	19.1	12.8	6.4	0.0
-80°	30.6	25.4	20.4	15.3	10.2	5.1	0.0
-82.5°	22.8	19.1	15.3	11.5	7.7	3.8	0.0
-85°	15.3	12.8	10.2	7.7	5.1	2.6	0.0
-87.5°	7.6	6.4	5.1	3.8	2.6	1.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)