

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: P624762 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-VN-06-E-PRO-3000K-11**

Issue Date: 11/8/2022



Test Information

Test Method: LM-79-08
Report Number: P624762 (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-3000K-11
Description: EPHESUS LUMAVISION CCT TUNING FLOOD
3000K AND TYPE 11 OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16715.5 lumens
Efficiency: N/A
Efficacy: 68.1 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')

NEMA Type: 1H x 1V
Max Intensity: 501673.5 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 8.3°H x 8.9°V
Beam Lumens: 7518.7 lumens
Beam Efficiency: 45.0%

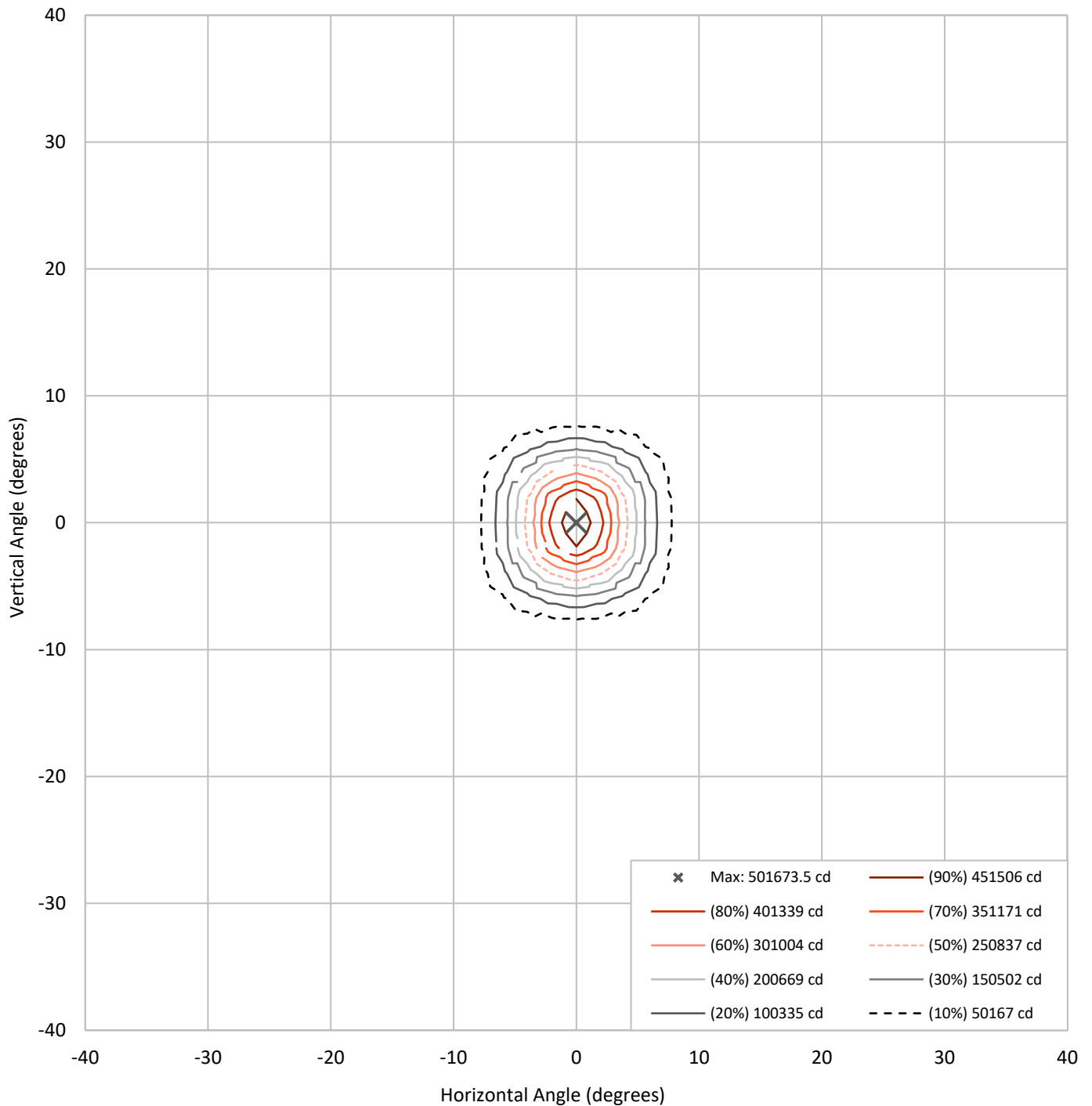
Field Angle (10%): 14.9°H x 14.6°V
Field Lumens: 11860.3 lumens
Field Efficiency: 71.0%

Input Watts (W): 245.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

REPORT NUMBER: P624762 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-11

Iso-Candela Plot





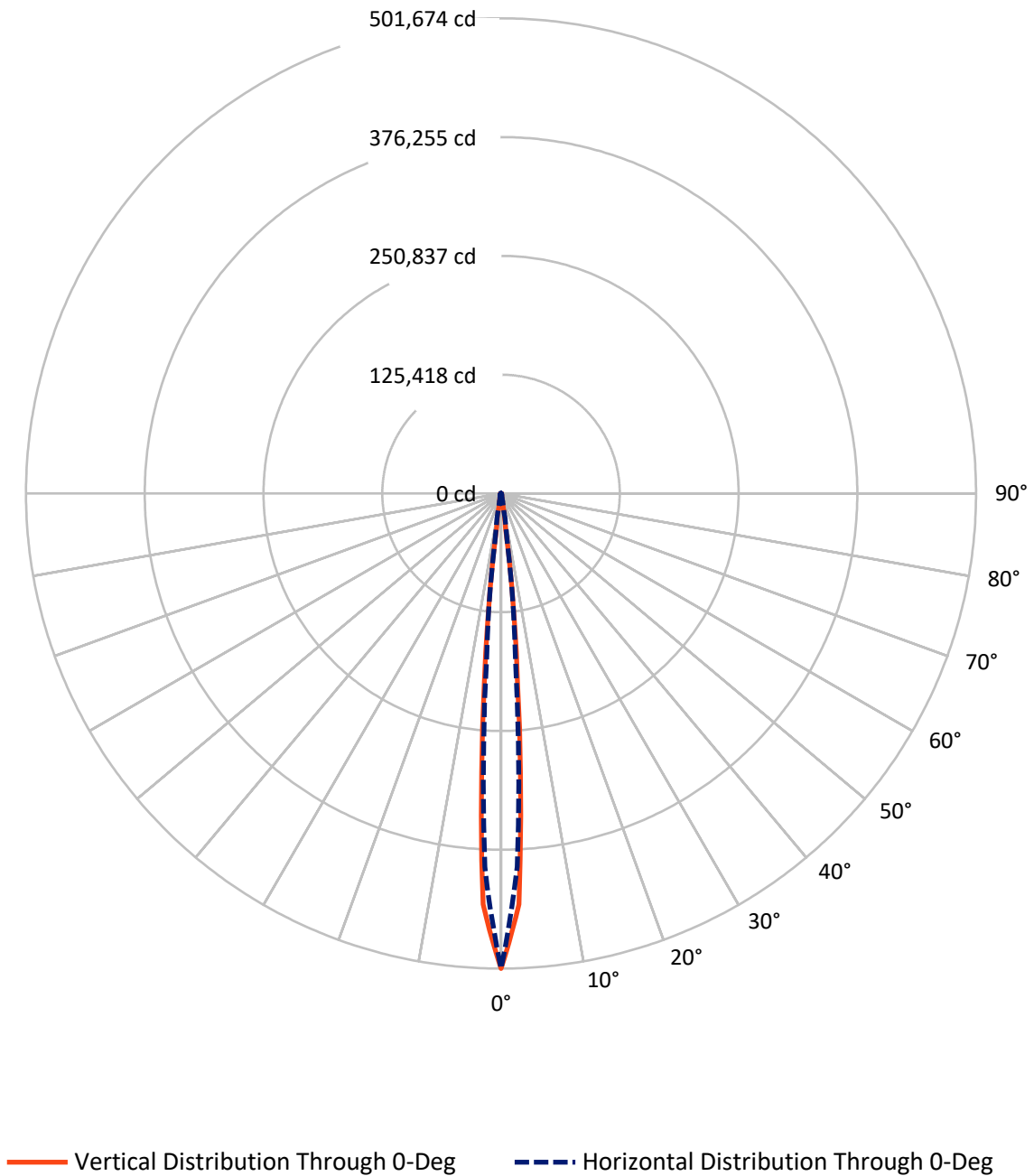
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Lumen Table

90	0.1	0.6	2.3	5.2	9.1	5.2	2.3	0.6	0.1										
80	0.1	0.6	2.3	5.2	9.1	5.2	2.3	0.6	0.1										
70	0.4	0.4	1.1	2.3	3.6	4.5	7.3	13.4	13.4	7.3	4.5	3.6	2.3	1.1	0.4	0.4			
60		0.9	2.1	4.3	6.6	8.7	11.6	16.4	16.4	11.6	8.7	6.6	4.3	2.1	0.9				
50	1.2	1.5	3.2	6.5	10.9	16.1	21.0	25.7	25.7	21.0	16.1	10.9	6.5	3.2	1.5	1.2			
40		2.3	4.5	9.3	16.8	22.6	25.1	26.7	26.7	25.1	22.6	16.8	9.3	4.5	2.3				
30	2.3	3.4	6.2	13.1	20.7	23.7	31.4	41.8	41.8	31.4	23.7	20.7	13.1	6.2	3.4	2.3			
20		4.7	8.7	17.3	22.7	30.5	61.1	117.4	117.4	61.1	30.5	22.7	17.3	8.7	4.7				
10	2.6	5.2	10.5	19.6	23.8	40.1	121.6	3262.5	3262.5	121.6	40.1	23.8	19.6	10.5	5.2	2.6			
0		5.2	10.5	19.6	23.8	40.1	121.6	3262.5	3262.5	121.6	40.1	23.8	19.6	10.5	5.2				
-10	2.3	4.7	8.7	17.3	22.7	30.5	61.1	117.4	117.4	61.1	30.5	22.7	17.3	8.7	4.7	2.3			
-20		3.4	6.2	13.1	20.7	23.7	31.4	41.8	41.8	31.4	23.7	20.7	13.1	6.2	3.4				
-30	1.2	2.3	4.5	9.3	16.8	22.6	25.1	26.7	26.7	25.1	22.6	16.8	9.3	4.5	2.3	1.2			
-40		1.5	3.2	6.5	10.9	16.1	21.0	25.7	25.7	21.0	16.1	10.9	6.5	3.2	1.5				
-50	0.4	0.9	2.1	4.3	6.6	8.7	11.6	16.4	16.4	11.6	8.7	6.6	4.3	2.1	0.9	0.4			
-60		0.4	1.1	2.3	3.6	4.5	7.3	13.4	13.4	7.3	4.5	3.6	2.3	1.1	0.4				
-70	0.1	0.6	2.3	5.2	9.1	5.2	2.3	0.6	0.1										
-80		0.1	0.6	2.3	5.2	9.1	5.2	2.3	0.6	0.1									
-90	0.1	0.6	2.3	5.2	9.1	5.2	2.3	0.6	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

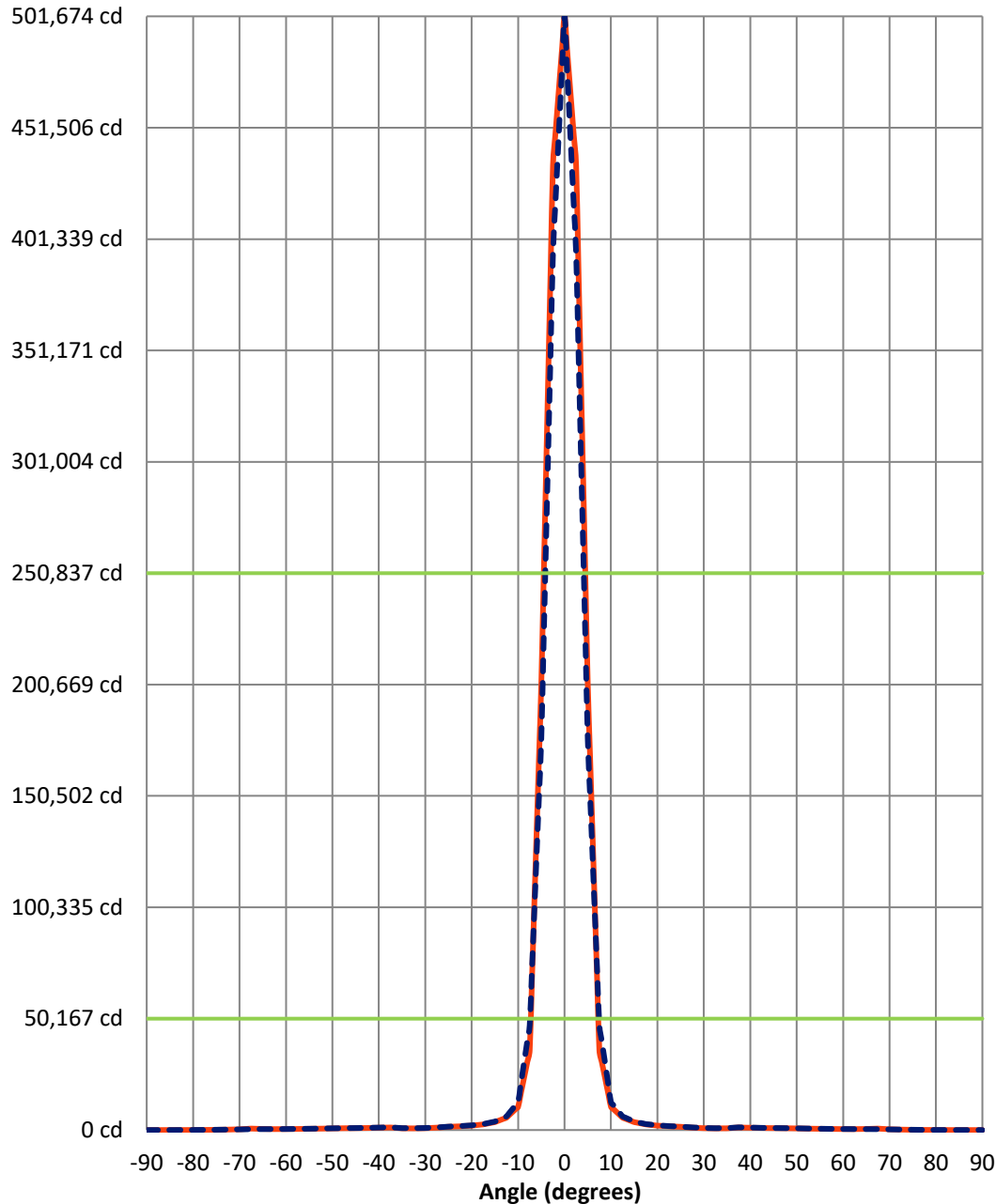
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 8.3°
 V Angle: 8.9°
 Lumens: 7518.7
 Efficiency: 45.0%

Field:
 H Angle: 14.9°
 V Angle: 14.6°
 Lumens: 11860.3
 Efficiency: 71.0%

Spill:
 Lumens: 4855.2
 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	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9
85°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.7
82.5°	0.0	0.6	1.1	1.7	2.3	2.8	3.4	4.0	4.4	4.4	4.4
80°	0.0	0.8	1.5	2.3	3.0	3.8	4.4	4.4	4.4	4.4	4.4
77.5°	0.0	1.0	1.9	2.8	3.8	4.4	4.4	4.4	4.4	4.4	5.7
75°	0.0	1.1	2.3	3.4	4.4	4.4	4.4	4.4	4.8	8.0	11.1
72.5°	0.0	1.3	2.6	4.0	4.4	4.4	4.4	5.4	9.1	12.8	16.5
70°	0.0	1.5	3.0	4.4	4.4	4.4	4.8	9.1	13.4	17.6	20.7
67.5°	0.0	1.7	3.4	4.4	4.4	4.4	8.1	12.8	17.6	22.0	24.9
65°	0.0	1.9	3.7	4.4	4.4	5.9	11.4	16.5	22.2	26.6	30.3
62.5°	0.0	2.0	4.1	4.4	4.4	8.8	14.7	20.8	27.0	32.0	38.3
60°	0.0	2.2	4.4	4.4	4.4	11.6	18.0	25.4	31.9	39.9	46.5
57.5°	0.0	2.4	4.4	4.4	6.7	14.5	22.5	30.2	38.9	48.0	56.1
55°	0.0	2.5	4.4	4.4	9.0	17.3	27.3	35.4	46.6	56.6	66.4
52.5°	0.0	2.7	4.4	4.4	11.3	20.4	32.2	42.9	54.4	66.4	77.0
50°	0.0	2.8	4.4	4.4	13.6	24.7	37.2	50.9	62.6	76.4	89.1
47.5°	0.0	3.0	4.4	4.8	15.8	29.1	42.7	59.3	71.7	86.4	102.0
45°	0.0	3.1	4.4	6.5	18.0	33.5	50.2	68.0	82.5	98.7	115.5
42.5°	0.0	3.2	4.4	8.0	20.1	37.8	57.9	77.5	93.8	111.4	131.5
40°	0.0	3.4	4.4	9.6	22.9	42.2	65.8	87.7	106.3	124.8	148.5
37.5°	0.0	3.5	4.4	11.0	26.3	46.6	73.7	98.1	120.5	141.7	166.2
35°	0.0	3.6	4.4	12.4	29.6	52.2	81.7	108.7	135.0	160.9	183.2
32.5°	0.0	3.7	4.4	13.6	32.8	58.5	90.0	119.5	149.8	180.6	204.1
30°	0.0	3.8	4.4	14.8	35.9	64.7	98.7	130.8	164.7	200.7	228.0
27.5°	0.0	3.9	4.4	15.9	38.2	70.8	107.3	143.1	180.5	221.2	254.7
25°	0.0	4.0	4.4	17.0	40.1	76.7	115.8	155.3	197.5	243.0	283.5
22.5°	0.0	4.1	4.4	17.9	41.7	81.4	124.2	167.3	214.4	266.5	307.2
20°	0.0	4.1	4.4	18.7	43.0	83.1	132.4	179.1	231.2	291.0	330.7
17.5°	0.0	4.2	4.4	19.5	44.0	84.0	136.6	190.6	247.6	316.4	354.0
15°	0.0	4.2	4.4	20.1	44.7	84.3	138.1	198.7	263.6	342.1	377.0
12.5°	0.0	4.3	4.4	20.6	45.1	83.9	139.1	202.3	273.5	367.9	399.6
10°	0.0	4.3	4.4	21.1	45.3	82.9	139.6	205.3	278.0	377.6	415.4
7.5°	0.0	4.4	4.4	21.4	45.2	81.4	139.5	207.7	281.3	383.3	417.2
5°	0.0	4.4	4.4	21.7	44.9	79.5	138.8	209.3	283.4	387.1	418.5
2.5°	0.0	4.4	4.4	21.8	44.4	77.1	137.5	210.1	284.4	389.1	419.4
0°	0.0	4.4	4.4	21.9	43.7	74.3	135.5	209.9	284.2	389.1	419.7
-2.5°	0.0	4.4	4.4	21.8	44.4	77.1	137.5	210.1	284.4	389.1	419.4
-5°	0.0	4.4	4.4	21.7	44.9	79.5	138.8	209.3	283.4	387.1	418.5
-7.5°	0.0	4.4	4.4	21.4	45.2	81.4	139.5	207.7	281.3	383.3	417.2
-10°	0.0	4.3	4.4	21.1	45.3	82.9	139.6	205.3	278.0	377.6	415.4
-12.5°	0.0	4.3	4.4	20.6	45.1	83.9	139.1	202.3	273.5	367.9	399.6
-15°	0.0	4.2	4.4	20.1	44.7	84.3	138.1	198.7	263.6	342.1	377.0
-17.5°	0.0	4.2	4.4	19.5	44.0	84.0	136.6	190.6	247.6	316.4	354.0
-20°	0.0	4.1	4.4	18.7	43.0	83.1	132.4	179.1	231.2	291.0	330.7

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.1	4.4	17.9	41.7	81.4	124.2	167.3	214.4	266.5	307.2
-25°	0.0	4.0	4.4	17.0	40.1	76.7	115.8	155.3	197.5	243.0	283.5
-27.5°	0.0	3.9	4.4	15.9	38.2	70.8	107.3	143.1	180.5	221.2	254.7
-30°	0.0	3.8	4.4	14.8	35.9	64.7	98.7	130.8	164.7	200.7	228.0
-32.5°	0.0	3.7	4.4	13.6	32.8	58.5	90.0	119.5	149.8	180.6	204.1
-35°	0.0	3.6	4.4	12.4	29.6	52.2	81.7	108.7	135.0	160.9	183.2
-37.5°	0.0	3.5	4.4	11.0	26.3	46.6	73.7	98.1	120.5	141.7	166.2
-40°	0.0	3.4	4.4	9.6	22.9	42.2	65.8	87.7	106.3	124.8	148.5
-42.5°	0.0	3.2	4.4	8.0	20.1	37.8	57.9	77.5	93.8	111.4	131.5
-45°	0.0	3.1	4.4	6.5	18.0	33.5	50.2	68.0	82.5	98.7	115.5
-47.5°	0.0	3.0	4.4	4.8	15.8	29.1	42.7	59.3	71.7	86.4	102.0
-50°	0.0	2.8	4.4	4.4	13.6	24.7	37.2	50.9	62.6	76.4	89.1
-52.5°	0.0	2.7	4.4	4.4	11.3	20.4	32.2	42.9	54.4	66.4	77.0
-55°	0.0	2.5	4.4	4.4	9.0	17.3	27.3	35.4	46.6	56.6	66.4
-57.5°	0.0	2.4	4.4	4.4	6.7	14.5	22.5	30.2	38.9	48.0	56.1
-60°	0.0	2.2	4.4	4.4	4.4	11.6	18.0	25.4	31.9	39.9	46.5
-62.5°	0.0	2.0	4.1	4.4	4.4	8.8	14.7	20.8	27.0	32.0	38.3
-65°	0.0	1.9	3.7	4.4	4.4	5.9	11.4	16.5	22.2	26.6	30.3
-67.5°	0.0	1.7	3.4	4.4	4.4	4.4	8.1	12.8	17.6	22.0	24.9
-70°	0.0	1.5	3.0	4.4	4.4	4.4	4.8	9.1	13.4	17.6	20.7
-72.5°	0.0	1.3	2.6	4.0	4.4	4.4	4.4	5.4	9.1	12.8	16.5
-75°	0.0	1.1	2.3	3.4	4.4	4.4	4.4	4.4	4.8	8.0	11.1
-77.5°	0.0	1.0	1.9	2.8	3.8	4.4	4.4	4.4	4.4	4.4	5.7
-80°	0.0	0.8	1.5	2.3	3.0	3.8	4.4	4.4	4.4	4.4	4.4
-82.5°	0.0	0.6	1.1	1.7	2.3	2.8	3.4	4.0	4.4	4.4	4.4
-85°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.4	3.7
-87.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.7	1.9
-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: P624762 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-11

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°	2.0	2.2	2.4	2.5	2.7	2.8	3.0	3.1	2.4	1.7	0.9
85°	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	3.8	3.4	3.1
82.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.6	5.4	6.2	7.0	7.7
80°	4.4	4.4	5.8	6.9	8.1	9.3	10.4	11.5	12.6	14.0	15.5
77.5°	8.0	9.8	11.2	12.1	13.6	16.6	19.5	22.2	24.3	25.9	26.9
75°	13.6	15.4	17.5	20.4	24.1	27.6	31.1	34.5	37.5	40.9	44.9
72.5°	18.8	21.4	25.0	29.6	35.3	39.9	43.8	47.1	53.3	61.0	67.1
70°	23.1	27.0	33.5	41.0	48.0	53.3	60.9	70.5	80.7	86.6	90.2
67.5°	27.8	35.3	43.5	52.2	61.1	69.8	81.0	91.8	101.8	106.5	110.9
65°	35.1	43.8	53.6	63.6	73.3	85.3	97.2	108.8	119.1	125.0	131.2
62.5°	42.7	53.0	63.9	75.1	87.4	100.3	113.3	124.7	134.2	144.9	157.0
60°	52.6	62.4	74.5	87.4	101.4	116.7	129.8	144.4	156.6	167.7	186.9
57.5°	63.1	71.6	85.0	99.9	116.8	135.2	154.6	169.8	185.0	201.0	220.2
55°	74.2	80.5	95.7	113.2	134.0	161.4	182.1	199.6	217.3	231.6	248.4
52.5°	86.3	91.5	107.0	127.8	155.1	184.3	209.5	227.8	244.1	259.7	276.1
50°	99.1	106.8	118.4	144.9	173.9	204.1	234.5	252.8	271.2	288.2	305.7
47.5°	114.4	123.3	132.1	160.2	190.2	221.8	253.1	279.0	298.9	320.2	340.8
45°	131.3	141.9	151.2	173.4	205.1	238.0	272.4	305.8	329.9	355.5	388.9
42.5°	149.1	160.7	171.4	185.1	219.3	254.7	291.1	329.9	363.6	399.9	441.7
40°	166.3	179.4	190.9	204.9	233.1	271.1	311.7	354.1	403.6	451.0	500.3
37.5°	183.2	196.9	210.4	227.2	247.3	288.4	331.9	384.9	444.9	507.2	577.6
35°	199.7	213.9	230.3	249.3	271.2	306.5	359.0	418.8	490.8	574.7	643.3
32.5°	215.3	230.4	249.5	270.7	297.9	332.0	385.5	460.1	545.7	633.0	689.0
30°	234.6	247.4	268.1	290.8	324.1	368.1	422.5	502.5	602.6	670.9	721.7
27.5°	260.9	264.6	285.8	313.0	351.1	403.8	472.1	555.1	642.6	705.6	750.3
25°	287.1	292.8	302.4	335.4	383.0	445.7	524.1	621.9	678.7	731.8	778.9
22.5°	313.0	320.0	332.4	356.8	414.2	488.7	583.8	675.4	732.6	764.4	807.6
20°	338.1	347.8	365.4	395.6	447.0	530.0	642.1	728.0	785.4	817.3	847.2
17.5°	362.5	375.5	399.4	437.4	496.1	580.1	696.8	781.6	841.5	863.4	898.9
15°	386.1	403.0	432.5	476.9	543.3	636.4	742.1	828.3	890.2	905.4	946.8
12.5°	409.1	430.2	464.8	514.2	587.4	685.6	781.1	858.4	913.0	946.5	992.4
10°	431.4	457.0	496.2	549.3	628.4	728.4	813.7	881.4	930.6	977.4	1034.3
7.5°	434.5	470.5	521.8	582.3	666.2	765.1	840.7	898.1	950.4	1007.4	1079.9
5°	434.4	469.3	521.3	587.9	680.4	786.5	859.0	909.6	970.9	1035.7	1126.3
2.5°	433.8	466.9	519.3	587.9	678.5	788.6	857.2	910.5	979.7	1073.4	1171.2
0°	432.8	463.5	515.9	585.9	673.3	787.0	852.6	909.4	983.7	1114.9	1211.1
-2.5°	433.8	466.9	519.3	587.9	678.5	788.6	857.2	910.5	979.7	1073.4	1171.2
-5°	434.4	469.3	521.3	587.9	680.4	786.5	859.0	909.6	970.9	1035.7	1126.3
-7.5°	434.5	470.5	521.8	582.3	666.2	765.1	840.7	898.1	950.4	1007.4	1079.9
-10°	431.4	457.0	496.2	549.3	628.4	728.4	813.7	881.4	930.6	977.4	1034.3
-12.5°	409.1	430.2	464.8	514.2	587.4	685.6	781.1	858.4	913.0	946.5	992.4
-15°	386.1	403.0	432.5	476.9	543.3	636.4	742.1	828.3	890.2	905.4	946.8
-17.5°	362.5	375.5	399.4	437.4	496.1	580.1	696.8	781.6	841.5	863.4	898.9
-20°	338.1	347.8	365.4	395.6	447.0	530.0	642.1	728.0	785.4	817.3	847.2

Classified

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

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REPORT NUMBER: P624762 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-11

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	313.0	320.0	332.4	356.8	414.2	488.7	583.8	675.4	732.6	764.4	807.6
-25°	287.1	292.8	302.4	335.4	383.0	445.7	524.1	621.9	678.7	731.8	778.9
-27.5°	260.9	264.6	285.8	313.0	351.1	403.8	472.1	555.1	642.6	705.6	750.3
-30°	234.6	247.4	268.1	290.8	324.1	368.1	422.5	502.5	602.6	670.9	721.7
-32.5°	215.3	230.4	249.5	270.7	297.9	332.0	385.5	460.1	545.7	633.0	689.0
-35°	199.7	213.9	230.3	249.3	271.2	306.5	359.0	418.8	490.8	574.7	643.3
-37.5°	183.2	196.9	210.4	227.2	247.3	288.4	331.9	384.9	444.9	507.2	577.6
-40°	166.3	179.4	190.9	204.9	233.1	271.1	311.7	354.1	403.6	451.0	500.3
-42.5°	149.1	160.7	171.4	185.1	219.3	254.7	291.1	329.9	363.6	399.9	441.7
-45°	131.3	141.9	151.2	173.4	205.1	238.0	272.4	305.8	329.9	355.5	388.9
-47.5°	114.4	123.3	132.1	160.2	190.2	221.8	253.1	279.0	298.9	320.2	340.8
-50°	99.1	106.8	118.4	144.9	173.9	204.1	234.5	252.8	271.2	288.2	305.7
-52.5°	86.3	91.5	107.0	127.8	155.1	184.3	209.5	227.8	244.1	259.7	276.1
-55°	74.2	80.5	95.7	113.2	134.0	161.4	182.1	199.6	217.3	231.6	248.4
-57.5°	63.1	71.6	85.0	99.9	116.8	135.2	154.6	169.8	185.0	201.0	220.2
-60°	52.6	62.4	74.5	87.4	101.4	116.7	129.8	144.4	156.6	167.7	186.9
-62.5°	42.7	53.0	63.9	75.1	87.4	100.3	113.3	124.7	134.2	144.9	157.0
-65°	35.1	43.8	53.6	63.6	73.3	85.3	97.2	108.8	119.1	125.0	131.2
-67.5°	27.8	35.3	43.5	52.2	61.1	69.8	81.0	91.8	101.8	106.5	110.9
-70°	23.1	27.0	33.5	41.0	48.0	53.3	60.9	70.5	80.7	86.6	90.2
-72.5°	18.8	21.4	25.0	29.6	35.3	39.9	43.8	47.1	53.3	61.0	67.1
-75°	13.6	15.4	17.5	20.4	24.1	27.6	31.1	34.5	37.5	40.9	44.9
-77.5°	8.0	9.8	11.2	12.1	13.6	16.6	19.5	22.2	24.3	25.9	26.9
-80°	4.4	4.4	5.8	6.9	8.1	9.3	10.4	11.5	12.6	14.0	15.5
-82.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.6	5.4	6.2	7.0	7.7
-85°	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	3.8	3.4	3.1
-87.5°	2.0	2.2	2.4	2.5	2.7	2.8	3.0	3.1	2.4	1.7	0.9
-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: P624762 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-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°	2.8	3.0	3.2	3.4	3.6	3.7	3.9	4.0	4.1	4.2	4.3
82.5°	8.4	8.5	8.3	8.0	7.5	8.5	9.7	10.9	12.2	12.5	12.7
80°	16.7	17.3	18.0	18.8	19.6	22.5	25.6	28.7	31.8	32.9	33.7
77.5°	28.7	31.3	33.4	34.8	35.6	40.3	46.5	53.0	59.6	63.6	67.1
75°	49.4	52.2	53.3	53.8	53.9	61.8	74.2	87.5	101.5	108.5	113.3
72.5°	71.6	73.9	74.6	74.7	74.2	85.8	107.9	132.0	157.6	171.8	181.3
70°	93.5	95.8	96.2	96.2	95.8	109.4	140.7	173.2	206.7	240.3	276.4
67.5°	115.6	120.4	121.4	121.5	121.5	131.6	163.5	193.0	220.3	282.1	380.9
65°	139.6	150.9	153.8	154.2	152.4	155.5	182.8	207.4	229.7	274.9	342.7
62.5°	170.6	185.8	190.9	191.2	190.1	187.7	210.3	231.4	250.8	279.8	325.9
60°	204.6	220.8	228.2	228.2	227.2	225.4	241.6	261.6	280.4	304.2	348.2
57.5°	236.4	251.8	263.6	264.4	264.3	263.1	275.9	298.5	320.5	344.3	391.6
55°	265.7	282.3	298.1	302.8	306.0	308.0	318.7	348.9	378.3	406.7	454.2
52.5°	294.7	315.6	335.7	347.8	358.5	368.0	379.4	416.8	453.1	487.4	533.2
50°	329.3	354.5	383.3	406.3	423.9	441.5	457.2	499.6	549.5	597.6	645.7
47.5°	372.9	405.6	440.9	475.6	502.4	535.1	564.7	608.6	657.4	708.0	751.8
45°	424.3	465.8	509.1	561.7	605.4	628.4	647.1	676.4	729.4	781.3	823.8
42.5°	484.2	541.0	601.1	641.9	672.9	692.5	706.2	718.6	774.6	823.1	861.9
40°	564.7	624.2	664.8	699.4	722.6	740.6	759.5	780.4	819.0	863.3	906.1
37.5°	638.1	680.7	716.0	744.3	767.8	787.9	812.9	836.5	867.7	921.6	959.4
35°	689.3	725.9	761.0	790.4	817.0	840.0	872.0	919.4	961.6	920.7	861.4
32.5°	727.9	764.2	802.0	845.7	878.6	920.7	967.1	877.3	785.0	747.6	754.0
30°	760.4	798.8	846.3	905.0	962.5	928.3	801.3	755.0	762.7	780.9	821.8
27.5°	790.9	833.1	889.8	970.6	911.4	770.2	768.3	783.5	844.7	900.2	990.6
25°	823.6	868.9	953.1	908.0	779.9	780.5	821.3	888.2	1015.7	1138.5	1259.9
22.5°	859.4	932.3	937.7	782.1	785.8	838.9	930.4	1093.0	1262.0	1435.9	1558.2
20°	900.9	993.4	835.0	791.4	835.3	938.9	1125.2	1335.2	1536.2	1660.9	1769.7
17.5°	961.1	918.3	801.4	816.4	914.2	1109.6	1345.0	1567.4	1723.8	1919.0	2095.1
15°	1012.7	846.9	812.5	886.2	1050.3	1288.4	1555.8	1733.4	1983.9	2272.7	2607.9
12.5°	981.1	819.6	834.9	950.5	1178.6	1465.8	1688.1	1943.8	2285.8	2715.6	3392.8
10°	938.9	829.8	886.5	1051.1	1307.7	1593.2	1813.7	2141.1	2623.9	3402.1	4643.0
7.5°	909.6	833.5	919.2	1127.2	1416.2	1672.1	1952.5	2379.8	3056.4	4216.1	6138.5
5°	885.2	831.4	930.3	1164.8	1482.5	1725.4	2049.4	2565.0	3473.6	5229.5	9731.0
2.5°	871.5	827.5	930.3	1182.6	1519.3	1755.2	2099.1	2653.5	3713.1	5889.7	11992.5
0°	874.4	826.3	926.9	1189.2	1534.6	1770.7	2120.5	2693.3	3816.9	6151.7	12565.7
-2.5°	871.5	827.5	930.3	1182.6	1519.3	1755.2	2099.1	2653.5	3713.1	5889.7	11992.5
-5°	885.2	831.4	930.3	1164.8	1482.5	1725.4	2049.4	2565.0	3473.6	5229.5	9731.0
-7.5°	909.6	833.5	919.2	1127.2	1416.2	1672.1	1952.5	2379.8	3056.4	4216.1	6138.5
-10°	938.9	829.8	886.5	1051.1	1307.7	1593.2	1813.7	2141.1	2623.9	3402.1	4643.0
-12.5°	981.1	819.6	834.9	950.5	1178.6	1465.8	1688.1	1943.8	2285.8	2715.6	3392.8
-15°	1012.7	846.9	812.5	886.2	1050.3	1288.4	1555.8	1733.4	1983.9	2272.7	2607.9
-17.5°	961.1	918.3	801.4	816.4	914.2	1109.6	1345.0	1567.4	1723.8	1919.0	2095.1
-20°	900.9	993.4	835.0	791.4	835.3	938.9	1125.2	1335.2	1536.2	1660.9	1769.7

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P624762 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-11

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	859.4	932.3	937.7	782.1	785.8	838.9	930.4	1093.0	1262.0	1435.9	1558.2
-25°	823.6	868.9	953.1	908.0	779.9	780.5	821.3	888.2	1015.7	1138.5	1259.9
-27.5°	790.9	833.1	889.8	970.6	911.4	770.2	768.3	783.5	844.7	900.2	990.6
-30°	760.4	798.8	846.3	905.0	962.5	928.3	801.3	755.0	762.7	780.9	821.8
-32.5°	727.9	764.2	802.0	845.7	878.6	920.7	967.1	877.3	785.0	747.6	754.0
-35°	689.3	725.9	761.0	790.4	817.0	840.0	872.0	919.4	961.6	920.7	861.4
-37.5°	638.1	680.7	716.0	744.3	767.8	787.9	812.9	836.5	867.7	921.6	959.4
-40°	564.7	624.2	664.8	699.4	722.6	740.6	759.5	780.4	819.0	863.3	906.1
-42.5°	484.2	541.0	601.1	641.9	672.9	692.5	706.2	718.6	774.6	823.1	861.9
-45°	424.3	465.8	509.1	561.7	605.4	628.4	647.1	676.4	729.4	781.3	823.8
-47.5°	372.9	405.6	440.9	475.6	502.4	535.1	564.7	608.6	657.4	708.0	751.8
-50°	329.3	354.5	383.3	406.3	423.9	441.5	457.2	499.6	549.5	597.6	645.7
-52.5°	294.7	315.6	335.7	347.8	358.5	368.0	379.4	416.8	453.1	487.4	533.2
-55°	265.7	282.3	298.1	302.8	306.0	308.0	318.7	348.9	378.3	406.7	454.2
-57.5°	236.4	251.8	263.6	264.4	264.3	263.1	275.9	298.5	320.5	344.3	391.6
-60°	204.6	220.8	228.2	228.2	227.2	225.4	241.6	261.6	280.4	304.2	348.2
-62.5°	170.6	185.8	190.9	191.2	190.1	187.7	210.3	231.4	250.8	279.8	325.9
-65°	139.6	150.9	153.8	154.2	152.4	155.5	182.8	207.4	229.7	274.9	342.7
-67.5°	115.6	120.4	121.4	121.5	121.5	131.6	163.5	193.0	220.3	282.1	380.9
-70°	93.5	95.8	96.2	96.2	95.8	109.4	140.7	173.2	206.7	240.3	276.4
-72.5°	71.6	73.9	74.6	74.7	74.2	85.8	107.9	132.0	157.6	171.8	181.3
-75°	49.4	52.2	53.3	53.8	53.9	61.8	74.2	87.5	101.5	108.5	113.3
-77.5°	28.7	31.3	33.4	34.8	35.6	40.3	46.5	53.0	59.6	63.6	67.1
-80°	16.7	17.3	18.0	18.8	19.6	22.5	25.6	28.7	31.8	32.9	33.7
-82.5°	8.4	8.5	8.3	8.0	7.5	8.5	9.7	10.9	12.2	12.5	12.7
-85°	2.8	3.0	3.2	3.4	3.6	3.7	3.9	4.0	4.1	4.2	4.3
-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: P624762 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-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°	4.3	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.2	4.1	4.0
82.5°	12.9	13.0	13.1	13.1	13.1	13.0	12.9	12.7	12.5	12.2	10.9
80°	34.2	34.7	34.9	35.0	34.9	34.7	34.2	33.7	32.9	31.8	28.7
77.5°	70.4	73.4	69.9	65.6	69.9	73.4	70.4	67.1	63.6	59.6	53.0
75°	117.5	121.1	115.8	109.3	115.8	121.1	117.5	113.3	108.5	101.5	87.5
72.5°	190.2	198.4	198.4	196.7	198.4	198.4	190.2	181.3	171.8	157.6	132.0
70°	314.6	353.7	351.4	341.0	351.4	353.7	314.6	276.4	240.3	206.7	173.2
67.5°	488.2	600.0	636.7	655.8	636.7	600.0	488.2	380.9	282.1	220.3	193.0
65°	404.3	462.4	481.2	494.1	481.2	462.4	404.3	342.7	274.9	229.7	207.4
62.5°	368.3	408.4	416.1	415.4	416.1	408.4	368.3	325.9	279.8	250.8	231.4
60°	391.4	433.7	440.1	432.8	440.1	433.7	391.4	348.2	304.2	280.4	261.6
57.5°	437.7	482.6	494.1	489.7	494.1	482.6	437.7	391.6	344.3	320.5	298.5
55°	499.7	542.3	560.3	564.0	560.3	542.3	499.7	454.2	406.7	378.3	348.9
52.5°	579.4	622.4	638.2	634.0	638.2	622.4	579.4	533.2	487.4	453.1	416.8
50°	688.4	724.2	738.4	734.5	738.4	724.2	688.4	645.7	597.6	549.5	499.6
47.5°	782.7	807.5	820.4	822.0	820.4	807.5	782.7	751.8	708.0	657.4	608.6
45°	841.1	853.8	860.4	861.3	860.4	853.8	841.1	823.8	781.3	729.4	676.4
42.5°	885.1	911.1	929.6	931.3	929.6	911.1	885.1	861.9	823.1	774.6	718.6
40°	940.2	970.4	1002.3	1045.0	1002.3	970.4	940.2	906.1	863.3	819.0	780.4
37.5°	998.9	1044.7	1093.4	1149.9	1093.4	1044.7	998.9	959.4	921.6	867.7	836.5
35°	820.7	795.7	782.3	791.4	782.3	795.7	820.7	861.4	920.7	961.6	919.4
32.5°	758.7	759.9	756.9	756.4	756.9	759.9	758.7	754.0	747.6	785.0	877.3
30°	854.4	860.8	853.1	839.5	853.1	860.8	854.4	821.8	780.9	762.7	755.0
27.5°	1056.0	1087.7	1097.4	1084.3	1097.4	1087.7	1056.0	990.6	900.2	844.7	783.5
25°	1360.0	1428.1	1462.9	1469.1	1462.9	1428.1	1360.0	1259.9	1138.5	1015.7	888.2
22.5°	1621.6	1663.3	1687.0	1687.7	1687.0	1663.3	1621.6	1558.2	1435.9	1262.0	1093.0
20°	1889.0	1961.1	1992.8	1985.0	1992.8	1961.1	1889.0	1769.7	1660.9	1536.2	1335.2
17.5°	2314.1	2465.0	2537.6	2544.6	2537.6	2465.0	2314.1	2095.1	1919.0	1723.8	1567.4
15°	2991.1	3344.0	3541.3	3567.7	3541.3	3344.0	2991.1	2607.9	2272.7	1983.9	1733.4
12.5°	4133.9	4973.2	5505.2	5578.9	5505.2	4973.2	4133.9	3392.8	2715.6	2285.8	1943.8
10°	6042.0	8747.7	10388.5	10467.0	10388.5	8747.7	6042.0	4643.0	3402.1	2623.9	2141.1
7.5°	11787.7	19209.7	31097.4	35965.6	31097.4	19209.7	11787.7	6138.5	4216.1	3056.4	2379.8
5°	24087.2	85703.9	166633.2	201352.4	166633.2	85703.9	24087.2	9731.0	5229.5	3473.6	2565.0
2.5°	43771.0	172587.6	358791.0	434370.3	358791.0	172587.6	43771.0	11992.5	5889.7	3713.1	2653.5
0°	47370.5	176269.1	394460.9	501673.5	394460.9	176269.1	47370.5	12565.7	6151.7	3816.9	2693.3
-2.5°	43771.0	172587.6	358791.0	434370.3	358791.0	172587.6	43771.0	11992.5	5889.7	3713.1	2653.5
-5°	24087.2	85703.9	166633.2	201352.4	166633.2	85703.9	24087.2	9731.0	5229.5	3473.6	2565.0
-7.5°	11787.7	19209.7	31097.4	35965.6	31097.4	19209.7	11787.7	6138.5	4216.1	3056.4	2379.8
-10°	6042.0	8747.7	10388.5	10467.0	10388.5	8747.7	6042.0	4643.0	3402.1	2623.9	2141.1
-12.5°	4133.9	4973.2	5505.2	5578.9	5505.2	4973.2	4133.9	3392.8	2715.6	2285.8	1943.8
-15°	2991.1	3344.0	3541.3	3567.7	3541.3	3344.0	2991.1	2607.9	2272.7	1983.9	1733.4
-17.5°	2314.1	2465.0	2537.6	2544.6	2537.6	2465.0	2314.1	2095.1	1919.0	1723.8	1567.4
-20°	1889.0	1961.1	1992.8	1985.0	1992.8	1961.1	1889.0	1769.7	1660.9	1536.2	1335.2



REPORT NUMBER: P624762 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-11

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1621.6	1663.3	1687.0	1687.7	1687.0	1663.3	1621.6	1558.2	1435.9	1262.0	1093.0
-25°	1360.0	1428.1	1462.9	1469.1	1462.9	1428.1	1360.0	1259.9	1138.5	1015.7	888.2
-27.5°	1056.0	1087.7	1097.4	1084.3	1097.4	1087.7	1056.0	990.6	900.2	844.7	783.5
-30°	854.4	860.8	853.1	839.5	853.1	860.8	854.4	821.8	780.9	762.7	755.0
-32.5°	758.7	759.9	756.9	756.4	756.9	759.9	758.7	754.0	747.6	785.0	877.3
-35°	820.7	795.7	782.3	791.4	782.3	795.7	820.7	861.4	920.7	961.6	919.4
-37.5°	998.9	1044.7	1093.4	1149.9	1093.4	1044.7	998.9	959.4	921.6	867.7	836.5
-40°	940.2	970.4	1002.3	1045.0	1002.3	970.4	940.2	906.1	863.3	819.0	780.4
-42.5°	885.1	911.1	929.6	931.3	929.6	911.1	885.1	861.9	823.1	774.6	718.6
-45°	841.1	853.8	860.4	861.3	860.4	853.8	841.1	823.8	781.3	729.4	676.4
-47.5°	782.7	807.5	820.4	822.0	820.4	807.5	782.7	751.8	708.0	657.4	608.6
-50°	688.4	724.2	738.4	734.5	738.4	724.2	688.4	645.7	597.6	549.5	499.6
-52.5°	579.4	622.4	638.2	634.0	638.2	622.4	579.4	533.2	487.4	453.1	416.8
-55°	499.7	542.3	560.3	564.0	560.3	542.3	499.7	454.2	406.7	378.3	348.9
-57.5°	437.7	482.6	494.1	489.7	494.1	482.6	437.7	391.6	344.3	320.5	298.5
-60°	391.4	433.7	440.1	432.8	440.1	433.7	391.4	348.2	304.2	280.4	261.6
-62.5°	368.3	408.4	416.1	415.4	416.1	408.4	368.3	325.9	279.8	250.8	231.4
-65°	404.3	462.4	481.2	494.1	481.2	462.4	404.3	342.7	274.9	229.7	207.4
-67.5°	488.2	600.0	636.7	655.8	636.7	600.0	488.2	380.9	282.1	220.3	193.0
-70°	314.6	353.7	351.4	341.0	351.4	353.7	314.6	276.4	240.3	206.7	173.2
-72.5°	190.2	198.4	198.4	196.7	198.4	198.4	190.2	181.3	171.8	157.6	132.0
-75°	117.5	121.1	115.8	109.3	115.8	121.1	117.5	113.3	108.5	101.5	87.5
-77.5°	70.4	73.4	69.9	65.6	69.9	73.4	70.4	67.1	63.6	59.6	53.0
-80°	34.2	34.7	34.9	35.0	34.9	34.7	34.2	33.7	32.9	31.8	28.7
-82.5°	12.9	13.0	13.1	13.1	13.1	13.0	12.9	12.7	12.5	12.2	10.9
-85°	4.3	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.2	4.1	4.0
-87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-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: P624762 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-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	0.9	1.7	2.4	3.1
85°	3.9	3.7	3.6	3.4	3.2	3.0	2.8	3.1	3.4	3.8	4.4
82.5°	9.7	8.5	7.5	8.0	8.3	8.5	8.4	7.7	7.0	6.2	5.4
80°	25.6	22.5	19.6	18.8	18.0	17.3	16.7	15.5	14.0	12.6	11.5
77.5°	46.5	40.3	35.6	34.8	33.4	31.3	28.7	26.9	25.9	24.3	22.2
75°	74.2	61.8	53.9	53.8	53.3	52.2	49.4	44.9	40.9	37.5	34.5
72.5°	107.9	85.8	74.2	74.7	74.6	73.9	71.6	67.1	61.0	53.3	47.1
70°	140.7	109.4	95.8	96.2	96.2	95.8	93.5	90.2	86.6	80.7	70.5
67.5°	163.5	131.6	121.5	121.5	121.4	120.4	115.6	110.9	106.5	101.8	91.8
65°	182.8	155.5	152.4	154.2	153.8	150.9	139.6	131.2	125.0	119.1	108.8
62.5°	210.3	187.7	190.1	191.2	190.9	185.8	170.6	157.0	144.9	134.2	124.7
60°	241.6	225.4	227.2	228.2	228.2	220.8	204.6	186.9	167.7	156.6	144.4
57.5°	275.9	263.1	264.3	264.4	263.6	251.8	236.4	220.2	201.0	185.0	169.8
55°	318.7	308.0	306.0	302.8	298.1	282.3	265.7	248.4	231.6	217.3	199.6
52.5°	379.4	368.0	358.5	347.8	335.7	315.6	294.7	276.1	259.7	244.1	227.8
50°	457.2	441.5	423.9	406.3	383.3	354.5	329.3	305.7	288.2	271.2	252.8
47.5°	564.7	535.1	502.4	475.6	440.9	405.6	372.9	340.8	320.2	298.9	279.0
45°	647.1	628.4	605.4	561.7	509.1	465.8	424.3	388.9	355.5	329.9	305.8
42.5°	706.2	692.5	672.9	641.9	601.1	541.0	484.2	441.7	399.9	363.6	329.9
40°	759.5	740.6	722.6	699.4	664.8	624.2	564.7	500.3	451.0	403.6	354.1
37.5°	812.9	787.9	767.8	744.3	716.0	680.7	638.1	577.6	507.2	444.9	384.9
35°	872.0	840.0	817.0	790.4	761.0	725.9	689.3	643.3	574.7	490.8	418.8
32.5°	967.1	920.7	878.6	845.7	802.0	764.2	727.9	689.0	633.0	545.7	460.1
30°	801.3	928.3	962.5	905.0	846.3	798.8	760.4	721.7	670.9	602.6	502.5
27.5°	768.3	770.2	911.4	970.6	889.8	833.1	790.9	750.3	705.6	642.6	555.1
25°	821.3	780.5	779.9	908.0	953.1	868.9	823.6	778.9	731.8	678.7	621.9
22.5°	930.4	838.9	785.8	782.1	937.7	932.3	859.4	807.6	764.4	732.6	675.4
20°	1125.2	938.9	835.3	791.4	835.0	993.4	900.9	847.2	817.3	785.4	728.0
17.5°	1345.0	1109.6	914.2	816.4	801.4	918.3	961.1	898.9	863.4	841.5	781.6
15°	1555.8	1288.4	1050.3	886.2	812.5	846.9	1012.7	946.8	905.4	890.2	828.3
12.5°	1688.1	1465.8	1178.6	950.5	834.9	819.6	981.1	992.4	946.5	913.0	858.4
10°	1813.7	1593.2	1307.7	1051.1	886.5	829.8	938.9	1034.3	977.4	930.6	881.4
7.5°	1952.5	1672.1	1416.2	1127.2	919.2	833.5	909.6	1079.9	1007.4	950.4	898.1
5°	2049.4	1725.4	1482.5	1164.8	930.3	831.4	885.2	1126.3	1035.7	970.9	909.6
2.5°	2099.1	1755.2	1519.3	1182.6	930.3	827.5	871.5	1171.2	1073.4	979.7	910.5
0°	2120.5	1770.7	1534.6	1189.2	926.9	826.3	874.4	1211.1	1114.9	983.7	909.4
-2.5°	2099.1	1755.2	1519.3	1182.6	930.3	827.5	871.5	1171.2	1073.4	979.7	910.5
-5°	2049.4	1725.4	1482.5	1164.8	930.3	831.4	885.2	1126.3	1035.7	970.9	909.6
-7.5°	1952.5	1672.1	1416.2	1127.2	919.2	833.5	909.6	1079.9	1007.4	950.4	898.1
-10°	1813.7	1593.2	1307.7	1051.1	886.5	829.8	938.9	1034.3	977.4	930.6	881.4
-12.5°	1688.1	1465.8	1178.6	950.5	834.9	819.6	981.1	992.4	946.5	913.0	858.4
-15°	1555.8	1288.4	1050.3	886.2	812.5	846.9	1012.7	946.8	905.4	890.2	828.3
-17.5°	1345.0	1109.6	914.2	816.4	801.4	918.3	961.1	898.9	863.4	841.5	781.6
-20°	1125.2	938.9	835.3	791.4	835.0	993.4	900.9	847.2	817.3	785.4	728.0

Classified

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

Scaled Data Report



REPORT NUMBER: P624762 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-11

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	930.4	838.9	785.8	782.1	937.7	932.3	859.4	807.6	764.4	732.6	675.4
-25°	821.3	780.5	779.9	908.0	953.1	868.9	823.6	778.9	731.8	678.7	621.9
-27.5°	768.3	770.2	911.4	970.6	889.8	833.1	790.9	750.3	705.6	642.6	555.1
-30°	801.3	928.3	962.5	905.0	846.3	798.8	760.4	721.7	670.9	602.6	502.5
-32.5°	967.1	920.7	878.6	845.7	802.0	764.2	727.9	689.0	633.0	545.7	460.1
-35°	872.0	840.0	817.0	790.4	761.0	725.9	689.3	643.3	574.7	490.8	418.8
-37.5°	812.9	787.9	767.8	744.3	716.0	680.7	638.1	577.6	507.2	444.9	384.9
-40°	759.5	740.6	722.6	699.4	664.8	624.2	564.7	500.3	451.0	403.6	354.1
-42.5°	706.2	692.5	672.9	641.9	601.1	541.0	484.2	441.7	399.9	363.6	329.9
-45°	647.1	628.4	605.4	561.7	509.1	465.8	424.3	388.9	355.5	329.9	305.8
-47.5°	564.7	535.1	502.4	475.6	440.9	405.6	372.9	340.8	320.2	298.9	279.0
-50°	457.2	441.5	423.9	406.3	383.3	354.5	329.3	305.7	288.2	271.2	252.8
-52.5°	379.4	368.0	358.5	347.8	335.7	315.6	294.7	276.1	259.7	244.1	227.8
-55°	318.7	308.0	306.0	302.8	298.1	282.3	265.7	248.4	231.6	217.3	199.6
-57.5°	275.9	263.1	264.3	264.4	263.6	251.8	236.4	220.2	201.0	185.0	169.8
-60°	241.6	225.4	227.2	228.2	228.2	220.8	204.6	186.9	167.7	156.6	144.4
-62.5°	210.3	187.7	190.1	191.2	190.9	185.8	170.6	157.0	144.9	134.2	124.7
-65°	182.8	155.5	152.4	154.2	153.8	150.9	139.6	131.2	125.0	119.1	108.8
-67.5°	163.5	131.6	121.5	121.5	121.4	120.4	115.6	110.9	106.5	101.8	91.8
-70°	140.7	109.4	95.8	96.2	96.2	95.8	93.5	90.2	86.6	80.7	70.5
-72.5°	107.9	85.8	74.2	74.7	74.6	73.9	71.6	67.1	61.0	53.3	47.1
-75°	74.2	61.8	53.9	53.8	53.3	52.2	49.4	44.9	40.9	37.5	34.5
-77.5°	46.5	40.3	35.6	34.8	33.4	31.3	28.7	26.9	25.9	24.3	22.2
-80°	25.6	22.5	19.6	18.8	18.0	17.3	16.7	15.5	14.0	12.6	11.5
-82.5°	9.7	8.5	7.5	8.0	8.3	8.5	8.4	7.7	7.0	6.2	5.4
-85°	3.9	3.7	3.6	3.4	3.2	3.0	2.8	3.1	3.4	3.8	4.4
-87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.7	2.4	3.1
-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: P624762 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-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°	3.0	2.8	2.7	2.5	2.4	2.2	2.0	1.9	1.7	1.5	1.3
85°	4.4	4.4	4.4	4.4	4.4	4.4	4.1	3.7	3.4	3.0	2.6
82.5°	4.6	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.0
80°	10.4	9.3	8.1	6.9	5.8	4.4	4.4	4.4	4.4	4.4	4.4
77.5°	19.5	16.6	13.6	12.1	11.2	9.8	8.0	5.7	4.4	4.4	4.4
75°	31.1	27.6	24.1	20.4	17.5	15.4	13.6	11.1	8.0	4.8	4.4
72.5°	43.8	39.9	35.3	29.6	25.0	21.4	18.8	16.5	12.8	9.1	5.4
70°	60.9	53.3	48.0	41.0	33.5	27.0	23.1	20.7	17.6	13.4	9.1
67.5°	81.0	69.8	61.1	52.2	43.5	35.3	27.8	24.9	22.0	17.6	12.8
65°	97.2	85.3	73.3	63.6	53.6	43.8	35.1	30.3	26.6	22.2	16.5
62.5°	113.3	100.3	87.4	75.1	63.9	53.0	42.7	38.3	32.0	27.0	20.8
60°	129.8	116.7	101.4	87.4	74.5	62.4	52.6	46.5	39.9	31.9	25.4
57.5°	154.6	135.2	116.8	99.9	85.0	71.6	63.1	56.1	48.0	38.9	30.2
55°	182.1	161.4	134.0	113.2	95.7	80.5	74.2	66.4	56.6	46.6	35.4
52.5°	209.5	184.3	155.1	127.8	107.0	91.5	86.3	77.0	66.4	54.4	42.9
50°	234.5	204.1	173.9	144.9	118.4	106.8	99.1	89.1	76.4	62.6	50.9
47.5°	253.1	221.8	190.2	160.2	132.1	123.3	114.4	102.0	86.4	71.7	59.3
45°	272.4	238.0	205.1	173.4	151.2	141.9	131.3	115.5	98.7	82.5	68.0
42.5°	291.1	254.7	219.3	185.1	171.4	160.7	149.1	131.5	111.4	93.8	77.5
40°	311.7	271.1	233.1	204.9	190.9	179.4	166.3	148.5	124.8	106.3	87.7
37.5°	331.9	288.4	247.3	227.2	210.4	196.9	183.2	166.2	141.7	120.5	98.1
35°	359.0	306.5	271.2	249.3	230.3	213.9	199.7	183.2	160.9	135.0	108.7
32.5°	385.5	332.0	297.9	270.7	249.5	230.4	215.3	204.1	180.6	149.8	119.5
30°	422.5	368.1	324.1	290.8	268.1	247.4	234.6	228.0	200.7	164.7	130.8
27.5°	472.1	403.8	351.1	313.0	285.8	264.6	260.9	254.7	221.2	180.5	143.1
25°	524.1	445.7	383.0	335.4	302.4	292.8	287.1	283.5	243.0	197.5	155.3
22.5°	583.8	488.7	414.2	356.8	332.4	320.0	313.0	307.2	266.5	214.4	167.3
20°	642.1	530.0	447.0	395.6	365.4	347.8	338.1	330.7	291.0	231.2	179.1
17.5°	696.8	580.1	496.1	437.4	399.4	375.5	362.5	354.0	316.4	247.6	190.6
15°	742.1	636.4	543.3	476.9	432.5	403.0	386.1	377.0	342.1	263.6	198.7
12.5°	781.1	685.6	587.4	514.2	464.8	430.2	409.1	399.6	367.9	273.5	202.3
10°	813.7	728.4	628.4	549.3	496.2	457.0	431.4	415.4	377.6	278.0	205.3
7.5°	840.7	765.1	666.2	582.3	521.8	470.5	434.5	417.2	383.3	281.3	207.7
5°	859.0	786.5	680.4	587.9	521.3	469.3	434.4	418.5	387.1	283.4	209.3
2.5°	857.2	788.6	678.5	587.9	519.3	466.9	433.8	419.4	389.1	284.4	210.1
0°	852.6	787.0	673.3	585.9	515.9	463.5	432.8	419.7	389.1	284.2	209.9
-2.5°	857.2	788.6	678.5	587.9	519.3	466.9	433.8	419.4	389.1	284.4	210.1
-5°	859.0	786.5	680.4	587.9	521.3	469.3	434.4	418.5	387.1	283.4	209.3
-7.5°	840.7	765.1	666.2	582.3	521.8	470.5	434.5	417.2	383.3	281.3	207.7
-10°	813.7	728.4	628.4	549.3	496.2	457.0	431.4	415.4	377.6	278.0	205.3
-12.5°	781.1	685.6	587.4	514.2	464.8	430.2	409.1	399.6	367.9	273.5	202.3
-15°	742.1	636.4	543.3	476.9	432.5	403.0	386.1	377.0	342.1	263.6	198.7
-17.5°	696.8	580.1	496.1	437.4	399.4	375.5	362.5	354.0	316.4	247.6	190.6
-20°	642.1	530.0	447.0	395.6	365.4	347.8	338.1	330.7	291.0	231.2	179.1

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Scaled Data Report



REPORT NUMBER: P624762 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-11

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	583.8	488.7	414.2	356.8	332.4	320.0	313.0	307.2	266.5	214.4	167.3
-25°	524.1	445.7	383.0	335.4	302.4	292.8	287.1	283.5	243.0	197.5	155.3
-27.5°	472.1	403.8	351.1	313.0	285.8	264.6	260.9	254.7	221.2	180.5	143.1
-30°	422.5	368.1	324.1	290.8	268.1	247.4	234.6	228.0	200.7	164.7	130.8
-32.5°	385.5	332.0	297.9	270.7	249.5	230.4	215.3	204.1	180.6	149.8	119.5
-35°	359.0	306.5	271.2	249.3	230.3	213.9	199.7	183.2	160.9	135.0	108.7
-37.5°	331.9	288.4	247.3	227.2	210.4	196.9	183.2	166.2	141.7	120.5	98.1
-40°	311.7	271.1	233.1	204.9	190.9	179.4	166.3	148.5	124.8	106.3	87.7
-42.5°	291.1	254.7	219.3	185.1	171.4	160.7	149.1	131.5	111.4	93.8	77.5
-45°	272.4	238.0	205.1	173.4	151.2	141.9	131.3	115.5	98.7	82.5	68.0
-47.5°	253.1	221.8	190.2	160.2	132.1	123.3	114.4	102.0	86.4	71.7	59.3
-50°	234.5	204.1	173.9	144.9	118.4	106.8	99.1	89.1	76.4	62.6	50.9
-52.5°	209.5	184.3	155.1	127.8	107.0	91.5	86.3	77.0	66.4	54.4	42.9
-55°	182.1	161.4	134.0	113.2	95.7	80.5	74.2	66.4	56.6	46.6	35.4
-57.5°	154.6	135.2	116.8	99.9	85.0	71.6	63.1	56.1	48.0	38.9	30.2
-60°	129.8	116.7	101.4	87.4	74.5	62.4	52.6	46.5	39.9	31.9	25.4
-62.5°	113.3	100.3	87.4	75.1	63.9	53.0	42.7	38.3	32.0	27.0	20.8
-65°	97.2	85.3	73.3	63.6	53.6	43.8	35.1	30.3	26.6	22.2	16.5
-67.5°	81.0	69.8	61.1	52.2	43.5	35.3	27.8	24.9	22.0	17.6	12.8
-70°	60.9	53.3	48.0	41.0	33.5	27.0	23.1	20.7	17.6	13.4	9.1
-72.5°	43.8	39.9	35.3	29.6	25.0	21.4	18.8	16.5	12.8	9.1	5.4
-75°	31.1	27.6	24.1	20.4	17.5	15.4	13.6	11.1	8.0	4.8	4.4
-77.5°	19.5	16.6	13.6	12.1	11.2	9.8	8.0	5.7	4.4	4.4	4.4
-80°	10.4	9.3	8.1	6.9	5.8	4.4	4.4	4.4	4.4	4.4	4.4
-82.5°	4.6	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.0
-85°	4.4	4.4	4.4	4.4	4.4	4.4	4.1	3.7	3.4	3.0	2.6
-87.5°	3.0	2.8	2.7	2.5	2.4	2.2	2.0	1.9	1.7	1.5	1.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P624762 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-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°	1.1	1.0	0.8	0.6	0.4	0.2	0.0
85°	2.3	1.9	1.5	1.1	0.8	0.4	0.0
82.5°	3.4	2.8	2.3	1.7	1.1	0.6	0.0
80°	4.4	3.8	3.0	2.3	1.5	0.8	0.0
77.5°	4.4	4.4	3.8	2.8	1.9	1.0	0.0
75°	4.4	4.4	4.4	3.4	2.3	1.1	0.0
72.5°	4.4	4.4	4.4	4.0	2.6	1.3	0.0
70°	4.8	4.4	4.4	4.4	3.0	1.5	0.0
67.5°	8.1	4.4	4.4	4.4	3.4	1.7	0.0
65°	11.4	5.9	4.4	4.4	3.7	1.9	0.0
62.5°	14.7	8.8	4.4	4.4	4.1	2.0	0.0
60°	18.0	11.6	4.4	4.4	4.4	2.2	0.0
57.5°	22.5	14.5	6.7	4.4	4.4	2.4	0.0
55°	27.3	17.3	9.0	4.4	4.4	2.5	0.0
52.5°	32.2	20.4	11.3	4.4	4.4	2.7	0.0
50°	37.2	24.7	13.6	4.4	4.4	2.8	0.0
47.5°	42.7	29.1	15.8	4.8	4.4	3.0	0.0
45°	50.2	33.5	18.0	6.5	4.4	3.1	0.0
42.5°	57.9	37.8	20.1	8.0	4.4	3.2	0.0
40°	65.8	42.2	22.9	9.6	4.4	3.4	0.0
37.5°	73.7	46.6	26.3	11.0	4.4	3.5	0.0
35°	81.7	52.2	29.6	12.4	4.4	3.6	0.0
32.5°	90.0	58.5	32.8	13.6	4.4	3.7	0.0
30°	98.7	64.7	35.9	14.8	4.4	3.8	0.0
27.5°	107.3	70.8	38.2	15.9	4.4	3.9	0.0
25°	115.8	76.7	40.1	17.0	4.4	4.0	0.0
22.5°	124.2	81.4	41.7	17.9	4.4	4.1	0.0
20°	132.4	83.1	43.0	18.7	4.4	4.1	0.0
17.5°	136.6	84.0	44.0	19.5	4.4	4.2	0.0
15°	138.1	84.3	44.7	20.1	4.4	4.2	0.0
12.5°	139.1	83.9	45.1	20.6	4.4	4.3	0.0
10°	139.6	82.9	45.3	21.1	4.4	4.3	0.0
7.5°	139.5	81.4	45.2	21.4	4.4	4.4	0.0
5°	138.8	79.5	44.9	21.7	4.4	4.4	0.0
2.5°	137.5	77.1	44.4	21.8	4.4	4.4	0.0
0°	135.5	74.3	43.7	21.9	4.4	4.4	0.0
-2.5°	137.5	77.1	44.4	21.8	4.4	4.4	0.0
-5°	138.8	79.5	44.9	21.7	4.4	4.4	0.0
-7.5°	139.5	81.4	45.2	21.4	4.4	4.4	0.0
-10°	139.6	82.9	45.3	21.1	4.4	4.3	0.0
-12.5°	139.1	83.9	45.1	20.6	4.4	4.3	0.0
-15°	138.1	84.3	44.7	20.1	4.4	4.2	0.0
-17.5°	136.6	84.0	44.0	19.5	4.4	4.2	0.0
-20°	132.4	83.1	43.0	18.7	4.4	4.1	0.0

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CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-11

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	124.2	81.4	41.7	17.9	4.4	4.1	0.0
-25°	115.8	76.7	40.1	17.0	4.4	4.0	0.0
-27.5°	107.3	70.8	38.2	15.9	4.4	3.9	0.0
-30°	98.7	64.7	35.9	14.8	4.4	3.8	0.0
-32.5°	90.0	58.5	32.8	13.6	4.4	3.7	0.0
-35°	81.7	52.2	29.6	12.4	4.4	3.6	0.0
-37.5°	73.7	46.6	26.3	11.0	4.4	3.5	0.0
-40°	65.8	42.2	22.9	9.6	4.4	3.4	0.0
-42.5°	57.9	37.8	20.1	8.0	4.4	3.2	0.0
-45°	50.2	33.5	18.0	6.5	4.4	3.1	0.0
-47.5°	42.7	29.1	15.8	4.8	4.4	3.0	0.0
-50°	37.2	24.7	13.6	4.4	4.4	2.8	0.0
-52.5°	32.2	20.4	11.3	4.4	4.4	2.7	0.0
-55°	27.3	17.3	9.0	4.4	4.4	2.5	0.0
-57.5°	22.5	14.5	6.7	4.4	4.4	2.4	0.0
-60°	18.0	11.6	4.4	4.4	4.4	2.2	0.0
-62.5°	14.7	8.8	4.4	4.4	4.1	2.0	0.0
-65°	11.4	5.9	4.4	4.4	3.7	1.9	0.0
-67.5°	8.1	4.4	4.4	4.4	3.4	1.7	0.0
-70°	4.8	4.4	4.4	4.4	3.0	1.5	0.0
-72.5°	4.4	4.4	4.4	4.0	2.6	1.3	0.0
-75°	4.4	4.4	4.4	3.4	2.3	1.1	0.0
-77.5°	4.4	4.4	3.8	2.8	1.9	1.0	0.0
-80°	4.4	3.8	3.0	2.3	1.5	0.8	0.0
-82.5°	3.4	2.8	2.3	1.7	1.1	0.6	0.0
-85°	2.3	1.9	1.5	1.1	0.8	0.4	0.0
-87.5°	1.1	1.0	0.8	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)