

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: P624763 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-VN-06-E-PRO-3000K-22**

Issue Date: 11/8/2022



Test Information

Test Method: LM-79-08
Report Number: P624763 (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: EPHEBUS
Catalog Number: EPH-VN-06-E-PRO-3000K-22
Description: EPHEBUS LUMAVISION CCT TUNING FLOOD
3000K AND TYPE 22 OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 29613.9 lumens
Efficiency: N/A
Efficacy: 120.7 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')

Beam Angle (50%): 13°H x 13°V
Beam Lumens: 10556.2 lumens
Beam Efficiency: 35.6%

Field Angle (10%): 28.1°H x 28.1°V
Field Lumens: 20945.8 lumens
Field Efficiency: 70.7%

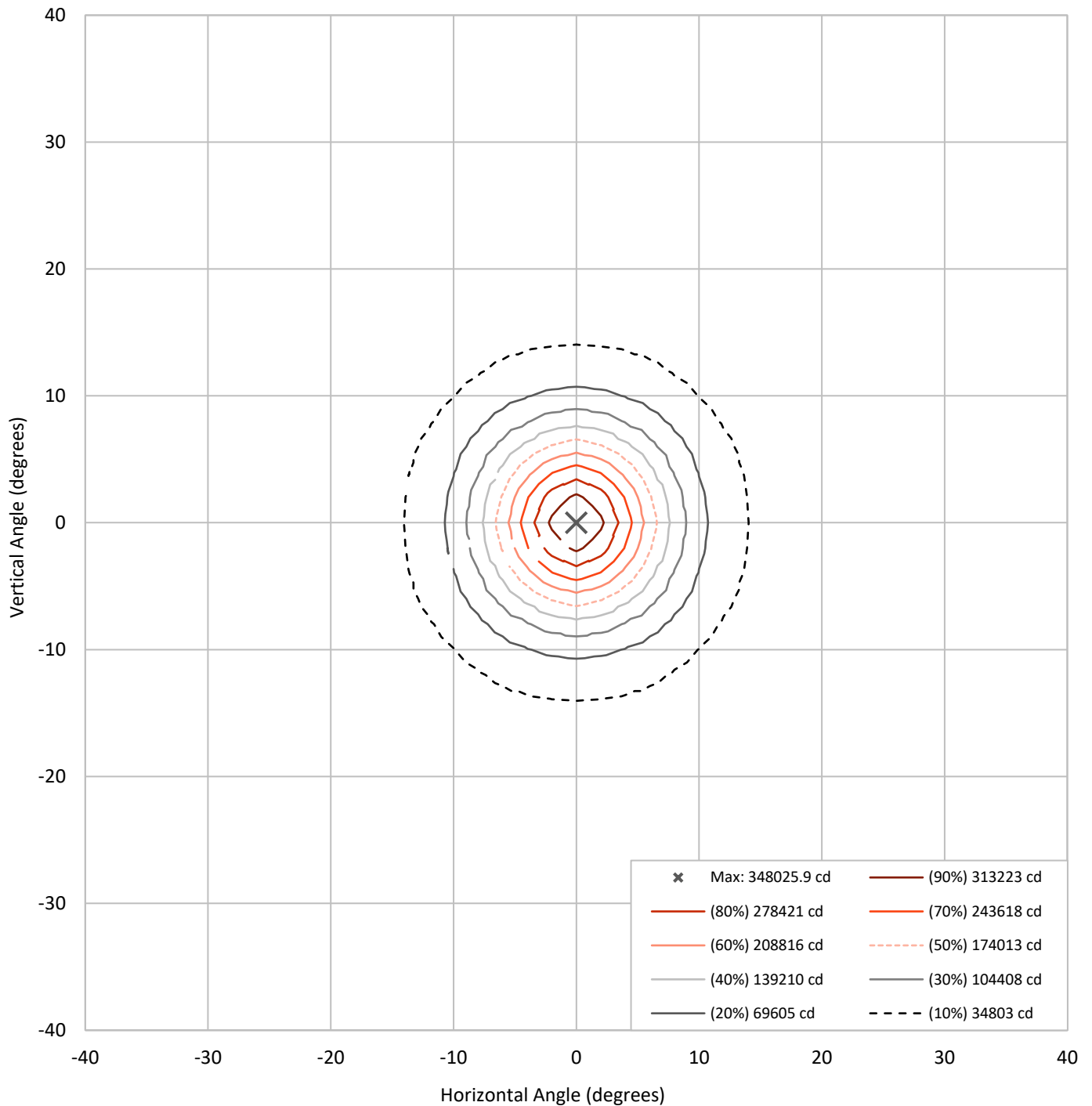
NEMA Type: 2H x 2V
Max Intensity: 348025.9 candela
Max Intensity Angle: 0°H x 0°V

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: P624763 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-22

Iso-Candela Plot





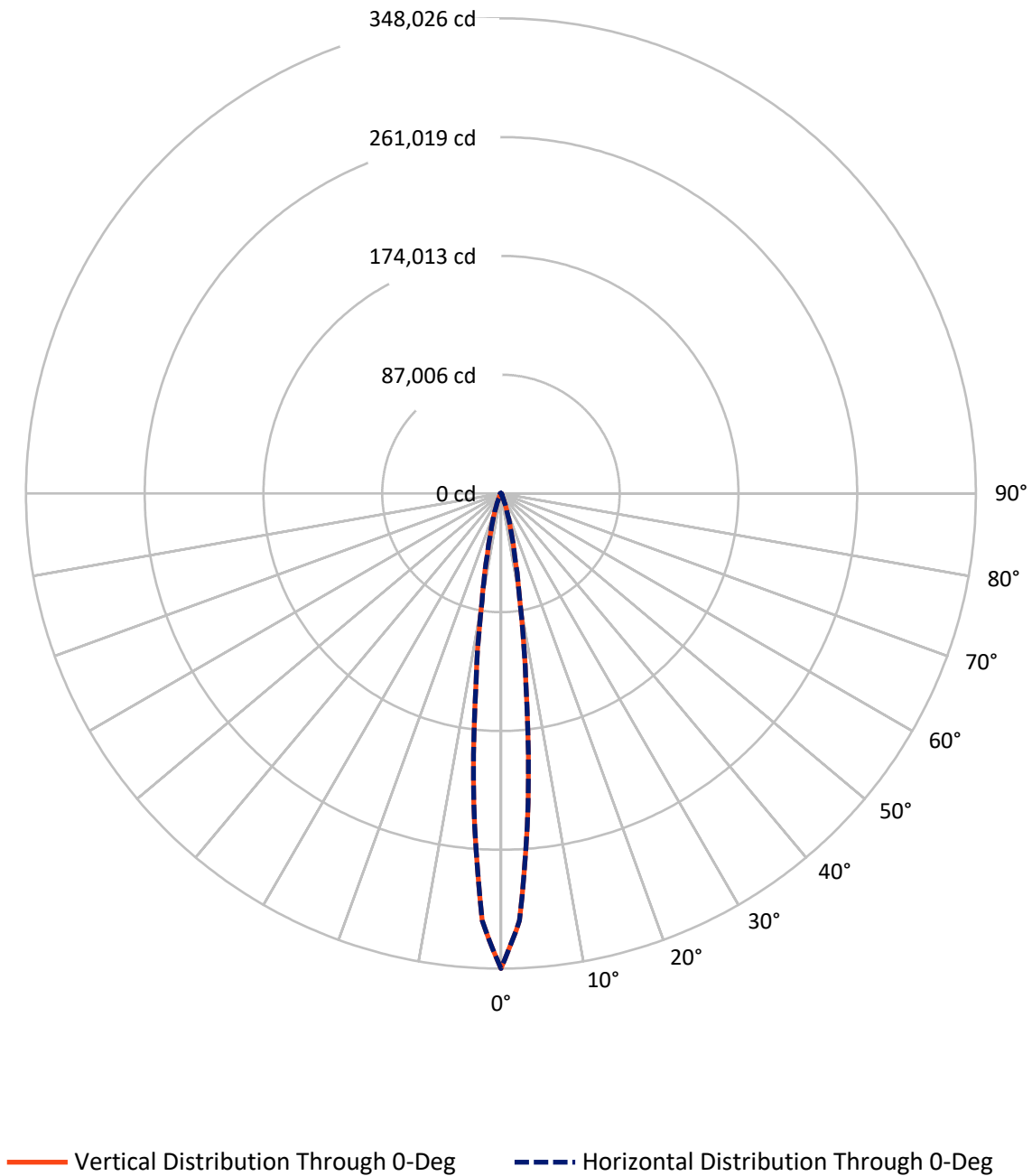
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Lumen Table

90	0.5		4.0		10.7		17.5		20.2		17.5		10.7		4.0		0.5		
80	0.5		4.0		10.7		17.5		20.2		17.5		10.7		4.0		0.5		
70	1.8	2.1	4.3	7.2	10.0	12.5	14.3	15.2	15.2	14.3	12.5	10.0	7.2	4.3	2.1	1.8			
60		3.2	6.6	10.4	13.9	16.6	18.4	19.4	19.4	18.4	16.6	13.9	10.4	6.6	3.2				
50	3.4	4.3	8.5	12.6	16.1	19.4	22.6	24.6	24.6	22.6	19.4	16.1	12.6	8.5	4.3	3.4			
40		5.2	9.8	13.9	18.6	25.0	31.3	35.5	35.5	31.3	25.0	18.6	13.9	9.8	5.2				
30	4.5	5.9	10.5	15.2	22.7	33.2	58.5	109.2	109.2	58.5	33.2	22.7	15.2	10.5	5.9	4.5			
20		6.3	11.0	16.6	26.6	55.1	273.6	833.0	833.0	273.6	55.1	26.6	16.6	11.0	6.3				
10	4.9	6.5	11.2	17.5	29.3	100.4	812.3	4492.3	4492.3	812.3	100.4	29.3	17.5	11.2	6.5	4.9			
0		6.5	11.2	17.5	29.3	100.4	812.3	4492.3	4492.3	812.3	100.4	29.3	17.5	11.2	6.5				
-10	4.5	6.3	11.0	16.6	26.6	55.1	273.6	833.0	833.0	273.6	55.1	26.6	16.6	11.0	6.3	4.5			
-20		5.9	10.5	15.2	22.7	33.2	58.5	109.2	109.2	58.5	33.2	22.7	15.2	10.5	5.9				
-30	3.4	5.2	9.8	13.9	18.6	25.0	31.3	35.5	35.5	31.3	25.0	18.6	13.9	9.8	5.2	3.4			
-40		4.3	8.5	12.6	16.1	19.4	22.6	24.6	24.6	22.6	19.4	16.1	12.6	8.5	4.3				
-50	1.8	3.2	6.6	10.4	13.9	16.6	18.4	19.4	19.4	18.4	16.6	13.9	10.4	6.6	3.2	1.8			
-60		2.1	4.3	7.2	10.0	12.5	14.3	15.2	15.2	14.3	12.5	10.0	7.2	4.3	2.1				
-70	0.5		4.0		10.7		17.5		20.2		17.5		10.7		4.0		0.5		
-80	0.5		4.0		10.7		17.5		20.2		17.5		10.7		4.0		0.5		
-90	0.5		4.0		10.7		17.5		20.2		17.5		10.7		4.0		0.5		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

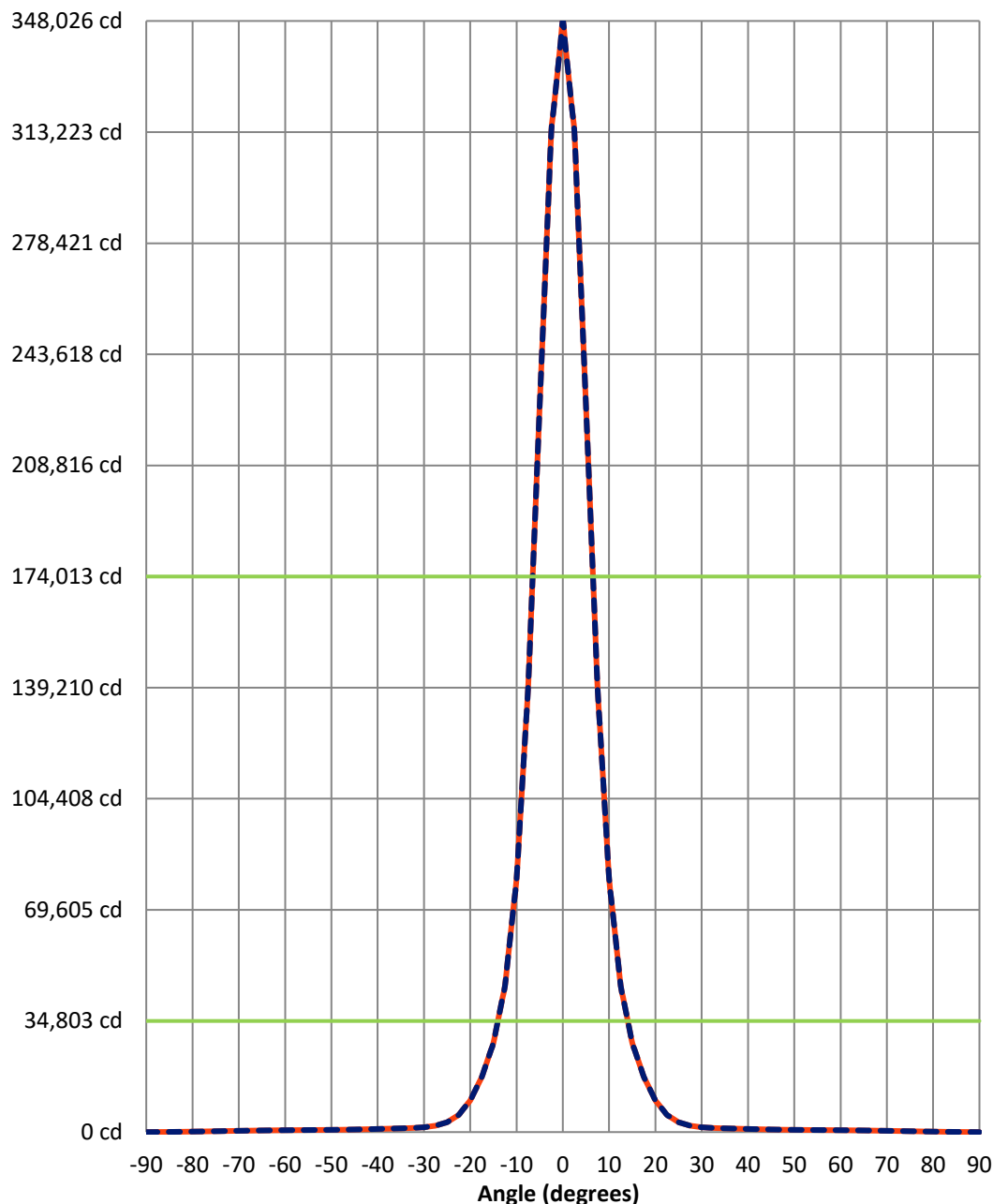
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13°
 V Angle: 13°
 Lumens: 10556.2
 Efficiency: 35.6%

Field:
 H Angle: 28.1°
 V Angle: 28.1°
 Lumens: 20945.8
 Efficiency: 70.7%

Spill:
 Lumens: 8668.1
 Efficiency: 29.3%

- 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	1.1	2.2	3.3	4.4	5.4	6.5	7.5	8.6	9.6	10.6
85°	0.0	2.2	4.4	6.5	8.7	10.9	13.0	15.1	17.2	19.2	21.2
82.5°	0.0	3.3	6.5	9.8	13.0	16.3	19.4	22.6	25.8	29.6	33.4
80°	0.0	4.4	8.7	13.0	17.3	21.6	26.1	31.3	36.4	41.5	46.5
77.5°	0.0	5.4	10.9	16.3	21.6	27.4	34.0	40.5	47.0	53.3	60.5
75°	0.0	6.5	13.0	19.4	26.1	34.0	41.9	49.7	57.7	67.6	77.3
72.5°	0.0	7.5	15.1	22.6	31.3	40.5	49.7	59.5	71.1	82.6	94.0
70°	0.0	8.6	17.2	25.8	36.4	47.0	57.7	71.1	84.4	97.6	114.5
67.5°	0.0	9.6	19.2	29.6	41.5	53.3	67.6	82.6	97.6	116.8	135.7
65°	0.0	10.6	21.2	33.4	46.5	60.5	77.3	94.0	114.5	135.7	157.0
62.5°	0.0	11.6	23.2	37.1	51.4	68.4	86.8	107.5	131.0	154.5	178.8
60°	0.0	12.5	25.1	40.6	56.2	76.2	96.1	121.7	147.2	173.8	200.2
57.5°	0.0	13.5	27.4	44.1	62.2	83.8	107.7	135.5	163.8	192.7	223.4
55°	0.0	14.4	29.7	47.6	68.1	91.2	119.3	149.0	180.2	211.7	247.2
52.5°	0.0	15.3	31.9	50.9	73.8	98.7	130.6	162.9	196.1	232.6	270.4
50°	0.0	16.1	34.0	54.1	79.4	107.8	141.5	176.4	212.3	252.8	292.0
47.5°	0.0	17.0	36.1	57.4	84.8	116.6	152.1	189.4	229.6	272.4	312.7
45°	0.0	17.7	38.0	61.2	89.9	125.0	162.8	202.0	246.4	290.4	332.8
42.5°	0.0	18.5	39.9	64.9	94.8	133.1	173.1	215.1	262.4	307.7	352.0
40°	0.0	19.2	41.7	68.5	100.3	140.8	182.9	228.5	277.5	324.2	370.4
37.5°	0.0	19.9	43.4	71.8	106.1	148.1	192.3	241.3	291.5	340.0	388.0
35°	0.0	20.6	45.1	75.0	111.6	155.3	201.1	253.3	304.7	354.9	404.4
32.5°	0.0	21.2	46.6	77.9	116.8	162.2	209.9	264.7	317.2	368.9	419.3
30°	0.0	21.7	48.0	80.7	121.7	168.7	218.9	275.2	328.8	382.1	433.3
27.5°	0.0	22.3	49.3	83.3	126.2	174.7	227.3	284.6	339.6	394.4	446.4
25°	0.0	22.7	50.5	85.7	130.3	180.2	235.1	293.3	349.6	405.3	458.3
22.5°	0.0	23.2	51.6	87.8	134.1	185.2	242.1	301.2	358.7	415.1	468.2
20°	0.0	23.6	52.6	89.8	137.5	189.7	248.5	308.3	366.9	424.0	477.1
17.5°	0.0	23.9	53.5	91.5	140.5	193.7	254.1	314.6	374.2	431.8	485.0
15°	0.0	24.2	54.3	93.0	143.2	197.2	259.0	320.2	380.5	438.7	491.9
12.5°	0.0	24.5	54.9	94.3	145.4	200.2	263.2	324.9	385.9	444.5	497.7
10°	0.0	24.7	55.4	95.3	147.2	202.6	266.7	328.7	390.4	449.3	502.6
7.5°	0.0	24.9	55.9	96.1	148.7	204.5	269.3	331.7	393.8	453.1	506.3
5°	0.0	25.0	56.2	96.7	149.7	205.9	271.3	333.9	396.3	455.7	509.0
2.5°	0.0	25.1	56.3	97.1	150.3	206.7	272.4	335.2	397.8	457.4	510.7
0°	0.0	25.1	56.4	97.2	150.5	207.0	272.8	335.6	398.3	457.9	511.2
-2.5°	0.0	25.1	56.3	97.1	150.3	206.7	272.4	335.2	397.8	457.4	510.7
-5°	0.0	25.0	56.2	96.7	149.7	205.9	271.3	333.9	396.3	455.7	509.0
-7.5°	0.0	24.9	55.9	96.1	148.7	204.5	269.3	331.7	393.8	453.1	506.3
-10°	0.0	24.7	55.4	95.3	147.2	202.6	266.7	328.7	390.4	449.3	502.6
-12.5°	0.0	24.5	54.9	94.3	145.4	200.2	263.2	324.9	385.9	444.5	497.7
-15°	0.0	24.2	54.3	93.0	143.2	197.2	259.0	320.2	380.5	438.7	491.9
-17.5°	0.0	23.9	53.5	91.5	140.5	193.7	254.1	314.6	374.2	431.8	485.0
-20°	0.0	23.6	52.6	89.8	137.5	189.7	248.5	308.3	366.9	424.0	477.1

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CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-22

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	23.2	51.6	87.8	134.1	185.2	242.1	301.2	358.7	415.1	468.2
-25°	0.0	22.7	50.5	85.7	130.3	180.2	235.1	293.3	349.6	405.3	458.3
-27.5°	0.0	22.3	49.3	83.3	126.2	174.7	227.3	284.6	339.6	394.4	446.4
-30°	0.0	21.7	48.0	80.7	121.7	168.7	218.9	275.2	328.8	382.1	433.3
-32.5°	0.0	21.2	46.6	77.9	116.8	162.2	209.9	264.7	317.2	368.9	419.3
-35°	0.0	20.6	45.1	75.0	111.6	155.3	201.1	253.3	304.7	354.9	404.4
-37.5°	0.0	19.9	43.4	71.8	106.1	148.1	192.3	241.3	291.5	340.0	388.0
-40°	0.0	19.2	41.7	68.5	100.3	140.8	182.9	228.5	277.5	324.2	370.4
-42.5°	0.0	18.5	39.9	64.9	94.8	133.1	173.1	215.1	262.4	307.7	352.0
-45°	0.0	17.7	38.0	61.2	89.9	125.0	162.8	202.0	246.4	290.4	332.8
-47.5°	0.0	17.0	36.1	57.4	84.8	116.6	152.1	189.4	229.6	272.4	312.7
-50°	0.0	16.1	34.0	54.1	79.4	107.8	141.5	176.4	212.3	252.8	292.0
-52.5°	0.0	15.3	31.9	50.9	73.8	98.7	130.6	162.9	196.1	232.6	270.4
-55°	0.0	14.4	29.7	47.6	68.1	91.2	119.3	149.0	180.2	211.7	247.2
-57.5°	0.0	13.5	27.4	44.1	62.2	83.8	107.7	135.5	163.8	192.7	223.4
-60°	0.0	12.5	25.1	40.6	56.2	76.2	96.1	121.7	147.2	173.8	200.2
-62.5°	0.0	11.6	23.2	37.1	51.4	68.4	86.8	107.5	131.0	154.5	178.8
-65°	0.0	10.6	21.2	33.4	46.5	60.5	77.3	94.0	114.5	135.7	157.0
-67.5°	0.0	9.6	19.2	29.6	41.5	53.3	67.6	82.6	97.6	116.8	135.7
-70°	0.0	8.6	17.2	25.8	36.4	47.0	57.7	71.1	84.4	97.6	114.5
-72.5°	0.0	7.5	15.1	22.6	31.3	40.5	49.7	59.5	71.1	82.6	94.0
-75°	0.0	6.5	13.0	19.4	26.1	34.0	41.9	49.7	57.7	67.6	77.3
-77.5°	0.0	5.4	10.9	16.3	21.6	27.4	34.0	40.5	47.0	53.3	60.5
-80°	0.0	4.4	8.7	13.0	17.3	21.6	26.1	31.3	36.4	41.5	46.5
-82.5°	0.0	3.3	6.5	9.8	13.0	16.3	19.4	22.6	25.8	29.6	33.4
-85°	0.0	2.2	4.4	6.5	8.7	10.9	13.0	15.1	17.2	19.2	21.2
-87.5°	0.0	1.1	2.2	3.3	4.4	5.4	6.5	7.5	8.6	9.6	10.6
-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°	11.6	12.5	13.5	14.4	15.3	16.1	17.0	17.7	18.5	19.2	19.9
85°	23.2	25.1	27.4	29.7	31.9	34.0	36.1	38.0	39.9	41.7	43.4
82.5°	37.1	40.6	44.1	47.6	50.9	54.1	57.4	61.2	64.9	68.5	71.8
80°	51.4	56.2	62.2	68.1	73.8	79.4	84.8	89.9	94.8	100.3	106.1
77.5°	68.4	76.2	83.8	91.2	98.7	107.8	116.6	125.0	133.1	140.8	148.1
75°	86.8	96.1	107.7	119.3	130.6	141.5	152.1	162.8	173.1	182.9	192.3
72.5°	107.5	121.7	135.5	149.0	162.9	176.4	189.4	202.0	215.1	228.5	241.3
70°	131.0	147.2	163.8	180.2	196.1	212.3	229.6	246.4	262.4	277.5	291.5
67.5°	154.5	173.8	192.7	211.7	232.6	252.8	272.4	290.4	307.7	324.2	340.0
65°	178.8	200.2	223.4	247.2	270.4	292.0	312.7	332.8	352.0	370.4	388.0
62.5°	202.7	229.3	256.1	281.8	306.1	329.7	352.6	374.6	395.9	415.3	433.8
60°	229.3	259.0	287.5	314.6	341.1	366.9	391.8	415.1	437.2	458.3	476.5
57.5°	256.1	287.5	317.5	346.9	375.5	403.2	428.9	453.8	475.7	496.4	515.3
55°	281.8	314.6	346.9	378.4	408.7	437.3	464.3	488.3	511.5	529.9	547.5
52.5°	306.1	341.1	375.5	408.7	440.1	469.3	496.0	519.9	540.5	559.2	574.1
50°	329.7	366.9	403.2	437.3	469.3	498.5	524.2	546.9	566.0	582.7	597.1
47.5°	352.6	391.8	428.9	464.3	496.0	524.2	549.1	569.4	587.9	602.8	616.8
45°	374.6	415.1	453.8	488.3	519.9	546.9	569.4	589.6	605.6	620.8	634.1
42.5°	395.9	437.2	475.7	511.5	540.5	566.0	587.9	605.6	622.1	636.8	650.9
40°	415.3	458.3	496.4	529.9	559.2	582.7	602.8	620.8	636.8	652.3	667.3
37.5°	433.8	476.5	515.3	547.5	574.1	597.1	616.8	634.1	650.9	667.3	686.9
35°	451.3	493.7	530.7	562.3	588.4	609.6	628.9	646.9	664.5	685.1	708.0
32.5°	466.8	510.0	545.4	574.8	599.7	621.1	640.2	659.1	679.9	703.3	731.9
30°	480.7	522.8	558.3	586.6	610.1	631.1	651.0	671.3	695.3	724.8	763.8
27.5°	493.7	534.5	568.4	596.2	619.6	640.5	661.1	684.8	713.0	748.1	798.8
25°	505.6	545.4	577.7	604.5	627.7	649.2	671.2	697.5	730.8	778.8	839.0
22.5°	515.6	555.3	586.3	612.2	635.1	657.3	682.0	712.2	751.5	807.7	878.3
20°	523.8	562.3	593.3	619.0	641.8	664.6	691.9	726.1	775.8	841.3	915.3
17.5°	531.0	568.6	598.9	624.5	647.8	671.9	701.2	738.6	797.6	871.5	949.3
15°	537.3	574.1	603.9	629.3	653.1	679.0	711.3	755.4	819.9	898.6	979.4
12.5°	542.7	578.8	608.1	633.4	657.6	685.1	720.0	770.6	841.1	922.5	1007.2
10°	547.2	582.7	611.6	636.8	661.3	690.2	727.2	783.2	858.7	942.4	1030.4
7.5°	550.6	585.7	614.3	639.5	664.2	694.2	732.8	793.1	872.6	958.1	1048.7
5°	553.1	587.9	616.2	641.4	666.3	697.0	736.8	800.3	882.6	969.4	1061.9
2.5°	554.6	589.2	617.4	642.5	667.6	698.7	739.3	804.6	888.6	976.2	1069.8
0°	555.1	589.6	617.8	642.9	668.0	699.3	740.1	806.0	890.6	978.5	1072.5
-2.5°	554.6	589.2	617.4	642.5	667.6	698.7	739.3	804.6	888.6	976.2	1069.8
-5°	553.1	587.9	616.2	641.4	666.3	697.0	736.8	800.3	882.6	969.4	1061.9
-7.5°	550.6	585.7	614.3	639.5	664.2	694.2	732.8	793.1	872.6	958.1	1048.7
-10°	547.2	582.7	611.6	636.8	661.3	690.2	727.2	783.2	858.7	942.4	1030.4
-12.5°	542.7	578.8	608.1	633.4	657.6	685.1	720.0	770.6	841.1	922.5	1007.2
-15°	537.3	574.1	603.9	629.3	653.1	679.0	711.3	755.4	819.9	898.6	979.4
-17.5°	531.0	568.6	598.9	624.5	647.8	671.9	701.2	738.6	797.6	871.5	949.3
-20°	523.8	562.3	593.3	619.0	641.8	664.6	691.9	726.1	775.8	841.3	915.3

Classified

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

Scaled Data Report



REPORT NUMBER: P624763 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-22

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	515.6	555.3	586.3	612.2	635.1	657.3	682.0	712.2	751.5	807.7	878.3
-25°	505.6	545.4	577.7	604.5	627.7	649.2	671.2	697.5	730.8	778.8	839.0
-27.5°	493.7	534.5	568.4	596.2	619.6	640.5	661.1	684.8	713.0	748.1	798.8
-30°	480.7	522.8	558.3	586.6	610.1	631.1	651.0	671.3	695.3	724.8	763.8
-32.5°	466.8	510.0	545.4	574.8	599.7	621.1	640.2	659.1	679.9	703.3	731.9
-35°	451.3	493.7	530.7	562.3	588.4	609.6	628.9	646.9	664.5	685.1	708.0
-37.5°	433.8	476.5	515.3	547.5	574.1	597.1	616.8	634.1	650.9	667.3	686.9
-40°	415.3	458.3	496.4	529.9	559.2	582.7	602.8	620.8	636.8	652.3	667.3
-42.5°	395.9	437.2	475.7	511.5	540.5	566.0	587.9	605.6	622.1	636.8	650.9
-45°	374.6	415.1	453.8	488.3	519.9	546.9	569.4	589.6	605.6	620.8	634.1
-47.5°	352.6	391.8	428.9	464.3	496.0	524.2	549.1	569.4	587.9	602.8	616.8
-50°	329.7	366.9	403.2	437.3	469.3	498.5	524.2	546.9	566.0	582.7	597.1
-52.5°	306.1	341.1	375.5	408.7	440.1	469.3	496.0	519.9	540.5	559.2	574.1
-55°	281.8	314.6	346.9	378.4	408.7	437.3	464.3	488.3	511.5	529.9	547.5
-57.5°	256.1	287.5	317.5	346.9	375.5	403.2	428.9	453.8	475.7	496.4	515.3
-60°	229.3	259.0	287.5	314.6	341.1	366.9	391.8	415.1	437.2	458.3	476.5
-62.5°	202.7	229.3	256.1	281.8	306.1	329.7	352.6	374.6	395.9	415.3	433.8
-65°	178.8	200.2	223.4	247.2	270.4	292.0	312.7	332.8	352.0	370.4	388.0
-67.5°	154.5	173.8	192.7	211.7	232.6	252.8	272.4	290.4	307.7	324.2	340.0
-70°	131.0	147.2	163.8	180.2	196.1	212.3	229.6	246.4	262.4	277.5	291.5
-72.5°	107.5	121.7	135.5	149.0	162.9	176.4	189.4	202.0	215.1	228.5	241.3
-75°	86.8	96.1	107.7	119.3	130.6	141.5	152.1	162.8	173.1	182.9	192.3
-77.5°	68.4	76.2	83.8	91.2	98.7	107.8	116.6	125.0	133.1	140.8	148.1
-80°	51.4	56.2	62.2	68.1	73.8	79.4	84.8	89.9	94.8	100.3	106.1
-82.5°	37.1	40.6	44.1	47.6	50.9	54.1	57.4	61.2	64.9	68.5	71.8
-85°	23.2	25.1	27.4	29.7	31.9	34.0	36.1	38.0	39.9	41.7	43.4
-87.5°	11.6	12.5	13.5	14.4	15.3	16.1	17.0	17.7	18.5	19.2	19.9
-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: P624763 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-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°	20.6	21.2	21.7	22.3	22.7	23.2	23.6	23.9	24.2	24.5	24.7
85°	45.1	46.6	48.0	49.3	50.5	51.6	52.6	53.5	54.3	54.9	55.4
82.5°	75.0	77.9	80.7	83.3	85.7	87.8	89.8	91.5	93.0	94.3	95.3
80°	111.6	116.8	121.7	126.2	130.3	134.1	137.5	140.5	143.2	145.4	147.2
77.5°	155.3	162.2	168.7	174.7	180.2	185.2	189.7	193.7	197.2	200.2	202.6
75°	201.1	209.9	218.9	227.3	235.1	242.1	248.5	254.1	259.0	263.2	266.7
72.5°	253.3	264.7	275.2	284.6	293.3	301.2	308.3	314.6	320.2	324.9	328.7
70°	304.7	317.2	328.8	339.6	349.6	358.7	366.9	374.2	380.5	385.9	390.4
67.5°	354.9	368.9	382.1	394.4	405.3	415.1	424.0	431.8	438.7	444.5	449.3
65°	404.4	419.3	433.3	446.4	458.3	468.2	477.1	485.0	491.9	497.7	502.6
62.5°	451.3	466.8	480.7	493.7	505.6	515.6	523.8	531.0	537.3	542.7	547.2
60°	493.7	510.0	522.8	534.5	545.4	555.3	562.3	568.6	574.1	578.8	582.7
57.5°	530.7	545.4	558.3	568.4	577.7	586.3	593.3	598.9	603.9	608.1	611.6
55°	562.3	574.8	586.6	596.2	604.5	612.2	619.0	624.5	629.3	633.4	636.8
52.5°	588.4	599.7	610.1	619.6	627.7	635.1	641.8	647.8	653.1	657.6	661.3
50°	609.6	621.1	631.1	640.5	649.2	657.3	664.6	671.9	679.0	685.1	690.2
47.5°	628.9	640.2	651.0	661.1	671.2	682.0	691.9	701.2	711.3	720.0	727.2
45°	646.9	659.1	671.3	684.8	697.5	712.2	726.1	738.6	755.4	770.6	783.2
42.5°	664.5	679.9	695.3	713.0	730.8	751.5	775.8	797.6	819.9	841.1	858.7
40°	685.1	703.3	724.8	748.1	778.8	807.7	841.3	871.5	898.6	922.5	942.4
37.5°	708.0	731.9	763.8	798.8	839.0	878.3	915.3	949.3	979.4	1007.2	1030.4
35°	734.3	771.7	812.3	860.2	906.0	949.8	991.0	1030.2	1065.0	1095.3	1120.5
32.5°	771.7	817.6	871.0	923.2	973.3	1023.1	1069.6	1112.0	1149.8	1185.9	1218.9
30°	812.3	871.0	928.9	985.7	1042.8	1096.6	1146.6	1197.5	1246.7	1299.8	1372.1
27.5°	860.2	923.2	985.7	1049.4	1110.3	1168.1	1232.6	1304.3	1411.2	1504.9	1679.3
25°	906.0	973.3	1042.8	1110.3	1176.7	1250.5	1360.0	1488.1	1723.8	1950.1	2304.4
22.5°	949.8	1023.1	1096.6	1168.1	1250.5	1378.9	1554.3	1859.9	2296.7	2834.7	3528.9
20°	991.0	1069.6	1146.6	1232.6	1360.0	1554.3	1906.1	2507.3	3256.0	4506.6	5795.8
17.5°	1030.2	1112.0	1197.5	1304.3	1488.1	1859.9	2507.3	3495.1	5013.6	7391.5	9781.1
15°	1065.0	1149.8	1246.7	1411.2	1723.8	2296.7	3256.0	5013.6	7938.8	11593.9	15927.5
12.5°	1095.3	1185.9	1299.8	1504.9	1950.1	2834.7	4506.6	7391.5	11593.9	16980.0	23835.8
10°	1120.5	1218.9	1372.1	1679.3	2304.4	3528.9	5795.8	9781.1	15927.5	23835.8	34305.1
7.5°	1140.5	1245.1	1429.6	1819.0	2639.6	4317.2	7547.1	12892.0	20553.0	31147.8	46121.6
5°	1154.9	1264.1	1471.4	1921.0	2885.3	4898.4	8848.1	15293.7	24534.3	39020.1	63612.3
2.5°	1163.7	1275.6	1496.8	1983.1	3035.4	5255.0	9650.9	16787.8	27041.0	44068.8	75168.5
0°	1166.6	1279.5	1505.3	2004.0	3085.9	5375.2	9922.5	17295.5	27898.5	45814.9	79242.3
-2.5°	1163.7	1275.6	1496.8	1983.1	3035.4	5255.0	9650.9	16787.8	27041.0	44068.8	75168.5
-5°	1154.9	1264.1	1471.4	1921.0	2885.3	4898.4	8848.1	15293.7	24534.3	39020.1	63612.3
-7.5°	1140.5	1245.1	1429.6	1819.0	2639.6	4317.2	7547.1	12892.0	20553.0	31147.8	46121.6
-10°	1120.5	1218.9	1372.1	1679.3	2304.4	3528.9	5795.8	9781.1	15927.5	23835.8	34305.1
-12.5°	1095.3	1185.9	1299.8	1504.9	1950.1	2834.7	4506.6	7391.5	11593.9	16980.0	23835.8
-15°	1065.0	1149.8	1246.7	1411.2	1723.8	2296.7	3256.0	5013.6	7938.8	11593.9	15927.5
-17.5°	1030.2	1112.0	1197.5	1304.3	1488.1	1859.9	2507.3	3495.1	5013.6	7391.5	9781.1
-20°	991.0	1069.6	1146.6	1232.6	1360.0	1554.3	1906.1	2507.3	3256.0	4506.6	5795.8

Classified

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

Scaled Data Report



REPORT NUMBER: P624763 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-22

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	949.8	1023.1	1096.6	1168.1	1250.5	1378.9	1554.3	1859.9	2296.7	2834.7	3528.9
-25°	906.0	973.3	1042.8	1110.3	1176.7	1250.5	1360.0	1488.1	1723.8	1950.1	2304.4
-27.5°	860.2	923.2	985.7	1049.4	1110.3	1168.1	1232.6	1304.3	1411.2	1504.9	1679.3
-30°	812.3	871.0	928.9	985.7	1042.8	1096.6	1146.6	1197.5	1246.7	1299.8	1372.1
-32.5°	771.7	817.6	871.0	923.2	973.3	1023.1	1069.6	1112.0	1149.8	1185.9	1218.9
-35°	734.3	771.7	812.3	860.2	906.0	949.8	991.0	1030.2	1065.0	1095.3	1120.5
-37.5°	708.0	731.9	763.8	798.8	839.0	878.3	915.3	949.3	979.4	1007.2	1030.4
-40°	685.1	703.3	724.8	748.1	778.8	807.7	841.3	871.5	898.6	922.5	942.4
-42.5°	664.5	679.9	695.3	713.0	730.8	751.5	775.8	797.6	819.9	841.1	858.7
-45°	646.9	659.1	671.3	684.8	697.5	712.2	726.1	738.6	755.4	770.6	783.2
-47.5°	628.9	640.2	651.0	661.1	671.2	682.0	691.9	701.2	711.3	720.0	727.2
-50°	609.6	621.1	631.1	640.5	649.2	657.3	664.6	671.9	679.0	685.1	690.2
-52.5°	588.4	599.7	610.1	619.6	627.7	635.1	641.8	647.8	653.1	657.6	661.3
-55°	562.3	574.8	586.6	596.2	604.5	612.2	619.0	624.5	629.3	633.4	636.8
-57.5°	530.7	545.4	558.3	568.4	577.7	586.3	593.3	598.9	603.9	608.1	611.6
-60°	493.7	510.0	522.8	534.5	545.4	555.3	562.3	568.6	574.1	578.8	582.7
-62.5°	451.3	466.8	480.7	493.7	505.6	515.6	523.8	531.0	537.3	542.7	547.2
-65°	404.4	419.3	433.3	446.4	458.3	468.2	477.1	485.0	491.9	497.7	502.6
-67.5°	354.9	368.9	382.1	394.4	405.3	415.1	424.0	431.8	438.7	444.5	449.3
-70°	304.7	317.2	328.8	339.6	349.6	358.7	366.9	374.2	380.5	385.9	390.4
-72.5°	253.3	264.7	275.2	284.6	293.3	301.2	308.3	314.6	320.2	324.9	328.7
-75°	201.1	209.9	218.9	227.3	235.1	242.1	248.5	254.1	259.0	263.2	266.7
-77.5°	155.3	162.2	168.7	174.7	180.2	185.2	189.7	193.7	197.2	200.2	202.6
-80°	111.6	116.8	121.7	126.2	130.3	134.1	137.5	140.5	143.2	145.4	147.2
-82.5°	75.0	77.9	80.7	83.3	85.7	87.8	89.8	91.5	93.0	94.3	95.3
-85°	45.1	46.6	48.0	49.3	50.5	51.6	52.6	53.5	54.3	54.9	55.4
-87.5°	20.6	21.2	21.7	22.3	22.7	23.2	23.6	23.9	24.2	24.5	24.7
-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: P624763 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-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°	24.9	25.0	25.1	25.1	25.1	25.0	24.9	24.7	24.5	24.2	23.9
85°	55.9	56.2	56.3	56.4	56.3	56.2	55.9	55.4	54.9	54.3	53.5
82.5°	96.1	96.7	97.1	97.2	97.1	96.7	96.1	95.3	94.3	93.0	91.5
80°	148.7	149.7	150.3	150.5	150.3	149.7	148.7	147.2	145.4	143.2	140.5
77.5°	204.5	205.9	206.7	207.0	206.7	205.9	204.5	202.6	200.2	197.2	193.7
75°	269.3	271.3	272.4	272.8	272.4	271.3	269.3	266.7	263.2	259.0	254.1
72.5°	331.7	333.9	335.2	335.6	335.2	333.9	331.7	328.7	324.9	320.2	314.6
70°	393.8	396.3	397.8	398.3	397.8	396.3	393.8	390.4	385.9	380.5	374.2
67.5°	453.1	455.7	457.4	457.9	457.4	455.7	453.1	449.3	444.5	438.7	431.8
65°	506.3	509.0	510.7	511.2	510.7	509.0	506.3	502.6	497.7	491.9	485.0
62.5°	550.6	553.1	554.6	555.1	554.6	553.1	550.6	547.2	542.7	537.3	531.0
60°	585.7	587.9	589.2	589.6	589.2	587.9	585.7	582.7	578.8	574.1	568.6
57.5°	614.3	616.2	617.4	617.8	617.4	616.2	614.3	611.6	608.1	603.9	598.9
55°	639.5	641.4	642.5	642.9	642.5	641.4	639.5	636.8	633.4	629.3	624.5
52.5°	664.2	666.3	667.6	668.0	667.6	666.3	664.2	661.3	657.6	653.1	647.8
50°	694.2	697.0	698.7	699.3	698.7	697.0	694.2	690.2	685.1	679.0	671.9
47.5°	732.8	736.8	739.3	740.1	739.3	736.8	732.8	727.2	720.0	711.3	701.2
45°	793.1	800.3	804.6	806.0	804.6	800.3	793.1	783.2	770.6	755.4	738.6
42.5°	872.6	882.6	888.6	890.6	888.6	882.6	872.6	858.7	841.1	819.9	797.6
40°	958.1	969.4	976.2	978.5	976.2	969.4	958.1	942.4	922.5	898.6	871.5
37.5°	1048.7	1061.9	1069.8	1072.5	1069.8	1061.9	1048.7	1030.4	1007.2	979.4	949.3
35°	1140.5	1154.9	1163.7	1166.6	1163.7	1154.9	1140.5	1120.5	1095.3	1065.0	1030.2
32.5°	1245.1	1264.1	1275.6	1279.5	1275.6	1264.1	1245.1	1218.9	1185.9	1149.8	1112.0
30°	1429.6	1471.4	1496.8	1505.3	1496.8	1471.4	1429.6	1372.1	1299.8	1246.7	1197.5
27.5°	1819.0	1921.0	1983.1	2004.0	1983.1	1921.0	1819.0	1679.3	1504.9	1411.2	1304.3
25°	2639.6	2885.3	3035.4	3085.9	3035.4	2885.3	2639.6	2304.4	1950.1	1723.8	1488.1
22.5°	4317.2	4898.4	5255.0	5375.2	5255.0	4898.4	4317.2	3528.9	2834.7	2296.7	1859.9
20°	7547.1	8848.1	9650.9	9922.5	9650.9	8848.1	7547.1	5795.8	4506.6	3256.0	2507.3
17.5°	12892.0	15293.7	16787.8	17295.5	16787.8	15293.7	12892.0	9781.1	7391.5	5013.6	3495.1
15°	20553.0	24534.3	27041.0	27898.5	27041.0	24534.3	20553.0	15927.5	11593.9	7938.8	5013.6
12.5°	31147.8	39020.1	44068.8	45814.9	44068.8	39020.1	31147.8	23835.8	16980.0	11593.9	7391.5
10°	46121.6	63612.3	75168.5	79242.3	75168.5	63612.3	46121.6	34305.1	23835.8	15927.5	9781.1
7.5°	71334.6	99100.4	127283.2	139229.2	127283.2	99100.4	71334.6	46121.6	31147.8	20553.0	12892.0
5°	99100.4	152063.3	204777.2	227541.0	204777.2	152063.3	99100.4	63612.3	39020.1	24534.3	15293.7
2.5°	127283.2	204777.2	282282.8	313220.2	282282.8	204777.2	127283.2	75168.5	44068.8	27041.0	16787.8
0°	139229.2	227541.0	313220.2	348025.9	313220.2	227541.0	139229.2	79242.3	45814.9	27898.5	17295.5
-2.5°	127283.2	204777.2	282282.8	313220.2	282282.8	204777.2	127283.2	75168.5	44068.8	27041.0	16787.8
-5°	99100.4	152063.3	204777.2	227541.0	204777.2	152063.3	99100.4	63612.3	39020.1	24534.3	15293.7
-7.5°	71334.6	99100.4	127283.2	139229.2	127283.2	99100.4	71334.6	46121.6	31147.8	20553.0	12892.0
-10°	46121.6	63612.3	75168.5	79242.3	75168.5	63612.3	46121.6	34305.1	23835.8	15927.5	9781.1
-12.5°	31147.8	39020.1	44068.8	45814.9	44068.8	39020.1	31147.8	23835.8	16980.0	11593.9	7391.5
-15°	20553.0	24534.3	27041.0	27898.5	27041.0	24534.3	20553.0	15927.5	11593.9	7938.8	5013.6
-17.5°	12892.0	15293.7	16787.8	17295.5	16787.8	15293.7	12892.0	9781.1	7391.5	5013.6	3495.1
-20°	7547.1	8848.1	9650.9	9922.5	9650.9	8848.1	7547.1	5795.8	4506.6	3256.0	2507.3



REPORT NUMBER: P624763 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-22

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4317.2	4898.4	5255.0	5375.2	5255.0	4898.4	4317.2	3528.9	2834.7	2296.7	1859.9
-25°	2639.6	2885.3	3035.4	3085.9	3035.4	2885.3	2639.6	2304.4	1950.1	1723.8	1488.1
-27.5°	1819.0	1921.0	1983.1	2004.0	1983.1	1921.0	1819.0	1679.3	1504.9	1411.2	1304.3
-30°	1429.6	1471.4	1496.8	1505.3	1496.8	1471.4	1429.6	1372.1	1299.8	1246.7	1197.5
-32.5°	1245.1	1264.1	1275.6	1279.5	1275.6	1264.1	1245.1	1218.9	1185.9	1149.8	1112.0
-35°	1140.5	1154.9	1163.7	1166.6	1163.7	1154.9	1140.5	1120.5	1095.3	1065.0	1030.2
-37.5°	1048.7	1061.9	1069.8	1072.5	1069.8	1061.9	1048.7	1030.4	1007.2	979.4	949.3
-40°	958.1	969.4	976.2	978.5	976.2	969.4	958.1	942.4	922.5	898.6	871.5
-42.5°	872.6	882.6	888.6	890.6	888.6	882.6	872.6	858.7	841.1	819.9	797.6
-45°	793.1	800.3	804.6	806.0	804.6	800.3	793.1	783.2	770.6	755.4	738.6
-47.5°	732.8	736.8	739.3	740.1	739.3	736.8	732.8	727.2	720.0	711.3	701.2
-50°	694.2	697.0	698.7	699.3	698.7	697.0	694.2	690.2	685.1	679.0	671.9
-52.5°	664.2	666.3	667.6	668.0	667.6	666.3	664.2	661.3	657.6	653.1	647.8
-55°	639.5	641.4	642.5	642.9	642.5	641.4	639.5	636.8	633.4	629.3	624.5
-57.5°	614.3	616.2	617.4	617.8	617.4	616.2	614.3	611.6	608.1	603.9	598.9
-60°	585.7	587.9	589.2	589.6	589.2	587.9	585.7	582.7	578.8	574.1	568.6
-62.5°	550.6	553.1	554.6	555.1	554.6	553.1	550.6	547.2	542.7	537.3	531.0
-65°	506.3	509.0	510.7	511.2	510.7	509.0	506.3	502.6	497.7	491.9	485.0
-67.5°	453.1	455.7	457.4	457.9	457.4	455.7	453.1	449.3	444.5	438.7	431.8
-70°	393.8	396.3	397.8	398.3	397.8	396.3	393.8	390.4	385.9	380.5	374.2
-72.5°	331.7	333.9	335.2	335.6	335.2	333.9	331.7	328.7	324.9	320.2	314.6
-75°	269.3	271.3	272.4	272.8	272.4	271.3	269.3	266.7	263.2	259.0	254.1
-77.5°	204.5	205.9	206.7	207.0	206.7	205.9	204.5	202.6	200.2	197.2	193.7
-80°	148.7	149.7	150.3	150.5	150.3	149.7	148.7	147.2	145.4	143.2	140.5
-82.5°	96.1	96.7	97.1	97.2	97.1	96.7	96.1	95.3	94.3	93.0	91.5
-85°	55.9	56.2	56.3	56.4	56.3	56.2	55.9	55.4	54.9	54.3	53.5
-87.5°	24.9	25.0	25.1	25.1	25.1	25.0	24.9	24.7	24.5	24.2	23.9
-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: P624763 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-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°	23.6	23.2	22.7	22.3	21.7	21.2	20.6	19.9	19.2	18.5	17.7
85°	52.6	51.6	50.5	49.3	48.0	46.6	45.1	43.4	41.7	39.9	38.0
82.5°	89.8	87.8	85.7	83.3	80.7	77.9	75.0	71.8	68.5	64.9	61.2
80°	137.5	134.1	130.3	126.2	121.7	116.8	111.6	106.1	100.3	94.8	89.9
77.5°	189.7	185.2	180.2	174.7	168.7	162.2	155.3	148.1	140.8	133.1	125.0
75°	248.5	242.1	235.1	227.3	218.9	209.9	201.1	192.3	182.9	173.1	162.8
72.5°	308.3	301.2	293.3	284.6	275.2	264.7	253.3	241.3	228.5	215.1	202.0
70°	366.9	358.7	349.6	339.6	328.8	317.2	304.7	291.5	277.5	262.4	246.4
67.5°	424.0	415.1	405.3	394.4	382.1	368.9	354.9	340.0	324.2	307.7	290.4
65°	477.1	468.2	458.3	446.4	433.3	419.3	404.4	388.0	370.4	352.0	332.8
62.5°	523.8	515.6	505.6	493.7	480.7	466.8	451.3	433.8	415.3	395.9	374.6
60°	562.3	555.3	545.4	534.5	522.8	510.0	493.7	476.5	458.3	437.2	415.1
57.5°	593.3	586.3	577.7	568.4	558.3	545.4	530.7	515.3	496.4	475.7	453.8
55°	619.0	612.2	604.5	596.2	586.6	574.8	562.3	547.5	529.9	511.5	488.3
52.5°	641.8	635.1	627.7	619.6	610.1	599.7	588.4	574.1	559.2	540.5	519.9
50°	664.6	657.3	649.2	640.5	631.1	621.1	609.6	597.1	582.7	566.0	546.9
47.5°	691.9	682.0	671.2	661.1	651.0	640.2	628.9	616.8	602.8	587.9	569.4
45°	726.1	712.2	697.5	684.8	671.3	659.1	646.9	634.1	620.8	605.6	589.6
42.5°	775.8	751.5	730.8	713.0	695.3	679.9	664.5	650.9	636.8	622.1	605.6
40°	841.3	807.7	778.8	748.1	724.8	703.3	685.1	667.3	652.3	636.8	620.8
37.5°	915.3	878.3	839.0	798.8	763.8	731.9	708.0	686.9	667.3	650.9	634.1
35°	991.0	949.8	906.0	860.2	812.3	771.7	734.3	708.0	685.1	664.5	646.9
32.5°	1069.6	1023.1	973.3	923.2	871.0	817.6	771.7	731.9	703.3	679.9	659.1
30°	1146.6	1096.6	1042.8	985.7	928.9	871.0	812.3	763.8	724.8	695.3	671.3
27.5°	1232.6	1168.1	1110.3	1049.4	985.7	923.2	860.2	798.8	748.1	713.0	684.8
25°	1360.0	1250.5	1176.7	1110.3	1042.8	973.3	906.0	839.0	778.8	730.8	697.5
22.5°	1554.3	1378.9	1250.5	1168.1	1096.6	1023.1	949.8	878.3	807.7	751.5	712.2
20°	1906.1	1554.3	1360.0	1232.6	1146.6	1069.6	991.0	915.3	841.3	775.8	726.1
17.5°	2507.3	1859.9	1488.1	1304.3	1197.5	1112.0	1030.2	949.3	871.5	797.6	738.6
15°	3256.0	2296.7	1723.8	1411.2	1246.7	1149.8	1065.0	979.4	898.6	819.9	755.4
12.5°	4506.6	2834.7	1950.1	1504.9	1299.8	1185.9	1095.3	1007.2	922.5	841.1	770.6
10°	5795.8	3528.9	2304.4	1679.3	1372.1	1218.9	1120.5	1030.4	942.4	858.7	783.2
7.5°	7547.1	4317.2	2639.6	1819.0	1429.6	1245.1	1140.5	1048.7	958.1	872.6	793.1
5°	8848.1	4898.4	2885.3	1921.0	1471.4	1264.1	1154.9	1061.9	969.4	882.6	800.3
2.5°	9650.9	5255.0	3035.4	1983.1	1496.8	1275.6	1163.7	1069.8	976.2	888.6	804.6
0°	9922.5	5375.2	3085.9	2004.0	1505.3	1279.5	1166.6	1072.5	978.5	890.6	806.0
-2.5°	9650.9	5255.0	3035.4	1983.1	1496.8	1275.6	1163.7	1069.8	976.2	888.6	804.6
-5°	8848.1	4898.4	2885.3	1921.0	1471.4	1264.1	1154.9	1061.9	969.4	882.6	800.3
-7.5°	7547.1	4317.2	2639.6	1819.0	1429.6	1245.1	1140.5	1048.7	958.1	872.6	793.1
-10°	5795.8	3528.9	2304.4	1679.3	1372.1	1218.9	1120.5	1030.4	942.4	858.7	783.2
-12.5°	4506.6	2834.7	1950.1	1504.9	1299.8	1185.9	1095.3	1007.2	922.5	841.1	770.6
-15°	3256.0	2296.7	1723.8	1411.2	1246.7	1149.8	1065.0	979.4	898.6	819.9	755.4
-17.5°	2507.3	1859.9	1488.1	1304.3	1197.5	1112.0	1030.2	949.3	871.5	797.6	738.6
-20°	1906.1	1554.3	1360.0	1232.6	1146.6	1069.6	991.0	915.3	841.3	775.8	726.1

Classified

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

Scaled Data Report



REPORT NUMBER: P624763 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-22

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1554.3	1378.9	1250.5	1168.1	1096.6	1023.1	949.8	878.3	807.7	751.5	712.2
-25°	1360.0	1250.5	1176.7	1110.3	1042.8	973.3	906.0	839.0	778.8	730.8	697.5
-27.5°	1232.6	1168.1	1110.3	1049.4	985.7	923.2	860.2	798.8	748.1	713.0	684.8
-30°	1146.6	1096.6	1042.8	985.7	928.9	871.0	812.3	763.8	724.8	695.3	671.3
-32.5°	1069.6	1023.1	973.3	923.2	871.0	817.6	771.7	731.9	703.3	679.9	659.1
-35°	991.0	949.8	906.0	860.2	812.3	771.7	734.3	708.0	685.1	664.5	646.9
-37.5°	915.3	878.3	839.0	798.8	763.8	731.9	708.0	686.9	667.3	650.9	634.1
-40°	841.3	807.7	778.8	748.1	724.8	703.3	685.1	667.3	652.3	636.8	620.8
-42.5°	775.8	751.5	730.8	713.0	695.3	679.9	664.5	650.9	636.8	622.1	605.6
-45°	726.1	712.2	697.5	684.8	671.3	659.1	646.9	634.1	620.8	605.6	589.6
-47.5°	691.9	682.0	671.2	661.1	651.0	640.2	628.9	616.8	602.8	587.9	569.4
-50°	664.6	657.3	649.2	640.5	631.1	621.1	609.6	597.1	582.7	566.0	546.9
-52.5°	641.8	635.1	627.7	619.6	610.1	599.7	588.4	574.1	559.2	540.5	519.9
-55°	619.0	612.2	604.5	596.2	586.6	574.8	562.3	547.5	529.9	511.5	488.3
-57.5°	593.3	586.3	577.7	568.4	558.3	545.4	530.7	515.3	496.4	475.7	453.8
-60°	562.3	555.3	545.4	534.5	522.8	510.0	493.7	476.5	458.3	437.2	415.1
-62.5°	523.8	515.6	505.6	493.7	480.7	466.8	451.3	433.8	415.3	395.9	374.6
-65°	477.1	468.2	458.3	446.4	433.3	419.3	404.4	388.0	370.4	352.0	332.8
-67.5°	424.0	415.1	405.3	394.4	382.1	368.9	354.9	340.0	324.2	307.7	290.4
-70°	366.9	358.7	349.6	339.6	328.8	317.2	304.7	291.5	277.5	262.4	246.4
-72.5°	308.3	301.2	293.3	284.6	275.2	264.7	253.3	241.3	228.5	215.1	202.0
-75°	248.5	242.1	235.1	227.3	218.9	209.9	201.1	192.3	182.9	173.1	162.8
-77.5°	189.7	185.2	180.2	174.7	168.7	162.2	155.3	148.1	140.8	133.1	125.0
-80°	137.5	134.1	130.3	126.2	121.7	116.8	111.6	106.1	100.3	94.8	89.9
-82.5°	89.8	87.8	85.7	83.3	80.7	77.9	75.0	71.8	68.5	64.9	61.2
-85°	52.6	51.6	50.5	49.3	48.0	46.6	45.1	43.4	41.7	39.9	38.0
-87.5°	23.6	23.2	22.7	22.3	21.7	21.2	20.6	19.9	19.2	18.5	17.7
-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: P624763 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-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°	17.0	16.1	15.3	14.4	13.5	12.5	11.6	10.6	9.6	8.6	7.5
85°	36.1	34.0	31.9	29.7	27.4	25.1	23.2	21.2	19.2	17.2	15.1
82.5°	57.4	54.1	50.9	47.6	44.1	40.6	37.1	33.4	29.6	25.8	22.6
80°	84.8	79.4	73.8	68.1	62.2	56.2	51.4	46.5	41.5	36.4	31.3
77.5°	116.6	107.8	98.7	91.2	83.8	76.2	68.4	60.5	53.3	47.0	40.5
75°	152.1	141.5	130.6	119.3	107.7	96.1	86.8	77.3	67.6	57.7	49.7
72.5°	189.4	176.4	162.9	149.0	135.5	121.7	107.5	94.0	82.6	71.1	59.5
70°	229.6	212.3	196.1	180.2	163.8	147.2	131.0	114.5	97.6	84.4	71.1
67.5°	272.4	252.8	232.6	211.7	192.7	173.8	154.5	135.7	116.8	97.6	82.6
65°	312.7	292.0	270.4	247.2	223.4	200.2	178.8	157.0	135.7	114.5	94.0
62.5°	352.6	329.7	306.1	281.8	256.1	229.3	202.7	178.8	154.5	131.0	107.5
60°	391.8	366.9	341.1	314.6	287.5	259.0	229.3	200.2	173.8	147.2	121.7
57.5°	428.9	403.2	375.5	346.9	317.5	287.5	256.1	223.4	192.7	163.8	135.5
55°	464.3	437.3	408.7	378.4	346.9	314.6	281.8	247.2	211.7	180.2	149.0
52.5°	496.0	469.3	440.1	408.7	375.5	341.1	306.1	270.4	232.6	196.1	162.9
50°	524.2	498.5	469.3	437.3	403.2	366.9	329.7	292.0	252.8	212.3	176.4
47.5°	549.1	524.2	496.0	464.3	428.9	391.8	352.6	312.7	272.4	229.6	189.4
45°	569.4	546.9	519.9	488.3	453.8	415.1	374.6	332.8	290.4	246.4	202.0
42.5°	587.9	566.0	540.5	511.5	475.7	437.2	395.9	352.0	307.7	262.4	215.1
40°	602.8	582.7	559.2	529.9	496.4	458.3	415.3	370.4	324.2	277.5	228.5
37.5°	616.8	597.1	574.1	547.5	515.3	476.5	433.8	388.0	340.0	291.5	241.3
35°	628.9	609.6	588.4	562.3	530.7	493.7	451.3	404.4	354.9	304.7	253.3
32.5°	640.2	621.1	599.7	574.8	545.4	510.0	466.8	419.3	368.9	317.2	264.7
30°	651.0	631.1	610.1	586.6	558.3	522.8	480.7	433.3	382.1	328.8	275.2
27.5°	661.1	640.5	619.6	596.2	568.4	534.5	493.7	446.4	394.4	339.6	284.6
25°	671.2	649.2	627.7	604.5	577.7	545.4	505.6	458.3	405.3	349.6	293.3
22.5°	682.0	657.3	635.1	612.2	586.3	555.3	515.6	468.2	415.1	358.7	301.2
20°	691.9	664.6	641.8	619.0	593.3	562.3	523.8	477.1	424.0	366.9	308.3
17.5°	701.2	671.9	647.8	624.5	598.9	568.6	531.0	485.0	431.8	374.2	314.6
15°	711.3	679.0	653.1	629.3	603.9	574.1	537.3	491.9	438.7	380.5	320.2
12.5°	720.0	685.1	657.6	633.4	608.1	578.8	542.7	497.7	444.5	385.9	324.9
10°	727.2	690.2	661.3	636.8	611.6	582.7	547.2	502.6	449.3	390.4	328.7
7.5°	732.8	694.2	664.2	639.5	614.3	585.7	550.6	506.3	453.1	393.8	331.7
5°	736.8	697.0	666.3	641.4	616.2	587.9	553.1	509.0	455.7	396.3	333.9
2.5°	739.3	698.7	667.6	642.5	617.4	589.2	554.6	510.7	457.4	397.8	335.2
0°	740.1	699.3	668.0	642.9	617.8	589.6	555.1	511.2	457.9	398.3	335.6
-2.5°	739.3	698.7	667.6	642.5	617.4	589.2	554.6	510.7	457.4	397.8	335.2
-5°	736.8	697.0	666.3	641.4	616.2	587.9	553.1	509.0	455.7	396.3	333.9
-7.5°	732.8	694.2	664.2	639.5	614.3	585.7	550.6	506.3	453.1	393.8	331.7
-10°	727.2	690.2	661.3	636.8	611.6	582.7	547.2	502.6	449.3	390.4	328.7
-12.5°	720.0	685.1	657.6	633.4	608.1	578.8	542.7	497.7	444.5	385.9	324.9
-15°	711.3	679.0	653.1	629.3	603.9	574.1	537.3	491.9	438.7	380.5	320.2
-17.5°	701.2	671.9	647.8	624.5	598.9	568.6	531.0	485.0	431.8	374.2	314.6
-20°	691.9	664.6	641.8	619.0	593.3	562.3	523.8	477.1	424.0	366.9	308.3

Classified

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

Scaled Data Report



REPORT NUMBER: P624763 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-22

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	682.0	657.3	635.1	612.2	586.3	555.3	515.6	468.2	415.1	358.7	301.2
-25°	671.2	649.2	627.7	604.5	577.7	545.4	505.6	458.3	405.3	349.6	293.3
-27.5°	661.1	640.5	619.6	596.2	568.4	534.5	493.7	446.4	394.4	339.6	284.6
-30°	651.0	631.1	610.1	586.6	558.3	522.8	480.7	433.3	382.1	328.8	275.2
-32.5°	640.2	621.1	599.7	574.8	545.4	510.0	466.8	419.3	368.9	317.2	264.7
-35°	628.9	609.6	588.4	562.3	530.7	493.7	451.3	404.4	354.9	304.7	253.3
-37.5°	616.8	597.1	574.1	547.5	515.3	476.5	433.8	388.0	340.0	291.5	241.3
-40°	602.8	582.7	559.2	529.9	496.4	458.3	415.3	370.4	324.2	277.5	228.5
-42.5°	587.9	566.0	540.5	511.5	475.7	437.2	395.9	352.0	307.7	262.4	215.1
-45°	569.4	546.9	519.9	488.3	453.8	415.1	374.6	332.8	290.4	246.4	202.0
-47.5°	549.1	524.2	496.0	464.3	428.9	391.8	352.6	312.7	272.4	229.6	189.4
-50°	524.2	498.5	469.3	437.3	403.2	366.9	329.7	292.0	252.8	212.3	176.4
-52.5°	496.0	469.3	440.1	408.7	375.5	341.1	306.1	270.4	232.6	196.1	162.9
-55°	464.3	437.3	408.7	378.4	346.9	314.6	281.8	247.2	211.7	180.2	149.0
-57.5°	428.9	403.2	375.5	346.9	317.5	287.5	256.1	223.4	192.7	163.8	135.5
-60°	391.8	366.9	341.1	314.6	287.5	259.0	229.3	200.2	173.8	147.2	121.7
-62.5°	352.6	329.7	306.1	281.8	256.1	229.3	202.7	178.8	154.5	131.0	107.5
-65°	312.7	292.0	270.4	247.2	223.4	200.2	178.8	157.0	135.7	114.5	94.0
-67.5°	272.4	252.8	232.6	211.7	192.7	173.8	154.5	135.7	116.8	97.6	82.6
-70°	229.6	212.3	196.1	180.2	163.8	147.2	131.0	114.5	97.6	84.4	71.1
-72.5°	189.4	176.4	162.9	149.0	135.5	121.7	107.5	94.0	82.6	71.1	59.5
-75°	152.1	141.5	130.6	119.3	107.7	96.1	86.8	77.3	67.6	57.7	49.7
-77.5°	116.6	107.8	98.7	91.2	83.8	76.2	68.4	60.5	53.3	47.0	40.5
-80°	84.8	79.4	73.8	68.1	62.2	56.2	51.4	46.5	41.5	36.4	31.3
-82.5°	57.4	54.1	50.9	47.6	44.1	40.6	37.1	33.4	29.6	25.8	22.6
-85°	36.1	34.0	31.9	29.7	27.4	25.1	23.2	21.2	19.2	17.2	15.1
-87.5°	17.0	16.1	15.3	14.4	13.5	12.5	11.6	10.6	9.6	8.6	7.5
-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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Scaled Data Report



REPORT NUMBER: P624763 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-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°	6.5	5.4	4.4	3.3	2.2	1.1	0.0
85°	13.0	10.9	8.7	6.5	4.4	2.2	0.0
82.5°	19.4	16.3	13.0	9.8	6.5	3.3	0.0
80°	26.1	21.6	17.3	13.0	8.7	4.4	0.0
77.5°	34.0	27.4	21.6	16.3	10.9	5.4	0.0
75°	41.9	34.0	26.1	19.4	13.0	6.5	0.0
72.5°	49.7	40.5	31.3	22.6	15.1	7.5	0.0
70°	57.7	47.0	36.4	25.8	17.2	8.6	0.0
67.5°	67.6	53.3	41.5	29.6	19.2	9.6	0.0
65°	77.3	60.5	46.5	33.4	21.2	10.6	0.0
62.5°	86.8	68.4	51.4	37.1	23.2	11.6	0.0
60°	96.1	76.2	56.2	40.6	25.1	12.5	0.0
57.5°	107.7	83.8	62.2	44.1	27.4	13.5	0.0
55°	119.3	91.2	68.1	47.6	29.7	14.4	0.0
52.5°	130.6	98.7	73.8	50.9	31.9	15.3	0.0
50°	141.5	107.8	79.4	54.1	34.0	16.1	0.0
47.5°	152.1	116.6	84.8	57.4	36.1	17.0	0.0
45°	162.8	125.0	89.9	61.2	38.0	17.7	0.0
42.5°	173.1	133.1	94.8	64.9	39.9	18.5	0.0
40°	182.9	140.8	100.3	68.5	41.7	19.2	0.0
37.5°	192.3	148.1	106.1	71.8	43.4	19.9	0.0
35°	201.1	155.3	111.6	75.0	45.1	20.6	0.0
32.5°	209.9	162.2	116.8	77.9	46.6	21.2	0.0
30°	218.9	168.7	121.7	80.7	48.0	21.7	0.0
27.5°	227.3	174.7	126.2	83.3	49.3	22.3	0.0
25°	235.1	180.2	130.3	85.7	50.5	22.7	0.0
22.5°	242.1	185.2	134.1	87.8	51.6	23.2	0.0
20°	248.5	189.7	137.5	89.8	52.6	23.6	0.0
17.5°	254.1	193.7	140.5	91.5	53.5	23.9	0.0
15°	259.0	197.2	143.2	93.0	54.3	24.2	0.0
12.5°	263.2	200.2	145.4	94.3	54.9	24.5	0.0
10°	266.7	202.6	147.2	95.3	55.4	24.7	0.0
7.5°	269.3	204.5	148.7	96.1	55.9	24.9	0.0
5°	271.3	205.9	149.7	96.7	56.2	25.0	0.0
2.5°	272.4	206.7	150.3	97.1	56.3	25.1	0.0
0°	272.8	207.0	150.5	97.2	56.4	25.1	0.0
-2.5°	272.4	206.7	150.3	97.1	56.3	25.1	0.0
-5°	271.3	205.9	149.7	96.7	56.2	25.0	0.0
-7.5°	269.3	204.5	148.7	96.1	55.9	24.9	0.0
-10°	266.7	202.6	147.2	95.3	55.4	24.7	0.0
-12.5°	263.2	200.2	145.4	94.3	54.9	24.5	0.0
-15°	259.0	197.2	143.2	93.0	54.3	24.2	0.0
-17.5°	254.1	193.7	140.5	91.5	53.5	23.9	0.0
-20°	248.5	189.7	137.5	89.8	52.6	23.6	0.0

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REPORT NUMBER: P624763 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-06-E-PRO-3000K-22

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	242.1	185.2	134.1	87.8	51.6	23.2	0.0
-25°	235.1	180.2	130.3	85.7	50.5	22.7	0.0
-27.5°	227.3	174.7	126.2	83.3	49.3	22.3	0.0
-30°	218.9	168.7	121.7	80.7	48.0	21.7	0.0
-32.5°	209.9	162.2	116.8	77.9	46.6	21.2	0.0
-35°	201.1	155.3	111.6	75.0	45.1	20.6	0.0
-37.5°	192.3	148.1	106.1	71.8	43.4	19.9	0.0
-40°	182.9	140.8	100.3	68.5	41.7	19.2	0.0
-42.5°	173.1	133.1	94.8	64.9	39.9	18.5	0.0
-45°	162.8	125.0	89.9	61.2	38.0	17.7	0.0
-47.5°	152.1	116.6	84.8	57.4	36.1	17.0	0.0
-50°	141.5	107.8	79.4	54.1	34.0	16.1	0.0
-52.5°	130.6	98.7	73.8	50.9	31.9	15.3	0.0
-55°	119.3	91.2	68.1	47.6	29.7	14.4	0.0
-57.5°	107.7	83.8	62.2	44.1	27.4	13.5	0.0
-60°	96.1	76.2	56.2	40.6	25.1	12.5	0.0
-62.5°	86.8	68.4	51.4	37.1	23.2	11.6	0.0
-65°	77.3	60.5	46.5	33.4	21.2	10.6	0.0
-67.5°	67.6	53.3	41.5	29.6	19.2	9.6	0.0
-70°	57.7	47.0	36.4	25.8	17.2	8.6	0.0
-72.5°	49.7	40.5	31.3	22.6	15.1	7.5	0.0
-75°	41.9	34.0	26.1	19.4	13.0	6.5	0.0
-77.5°	34.0	27.4	21.6	16.3	10.9	5.4	0.0
-80°	26.1	21.6	17.3	13.0	8.7	4.4	0.0
-82.5°	19.4	16.3	13.0	9.8	6.5	3.3	0.0
-85°	13.0	10.9	8.7	6.5	4.4	2.2	0.0
-87.5°	6.5	5.4	4.4	3.3	2.2	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)