

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: P624759 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-VN-04-E-PRO-5700K-55**

Issue Date: 11/8/2022



Test Information

Test Method: LM-79-08
Report Number: P624759 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-765-5)
Test Lab: INNOVATION CENTER
Issue Date: 11/8/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-VN-04-E-PRO-5700K-55
Description: EPHESUS LUMAVISION CCT TUNING FLOOD
3000K AND TYPE 55 OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22561.5 lumens
Efficiency: N/A
Efficacy: 119.4 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')

Beam Angle (50%): 53.1°H x 49.5°V
Beam Lumens: 14954.4 lumens
Beam Efficiency: 66.3%

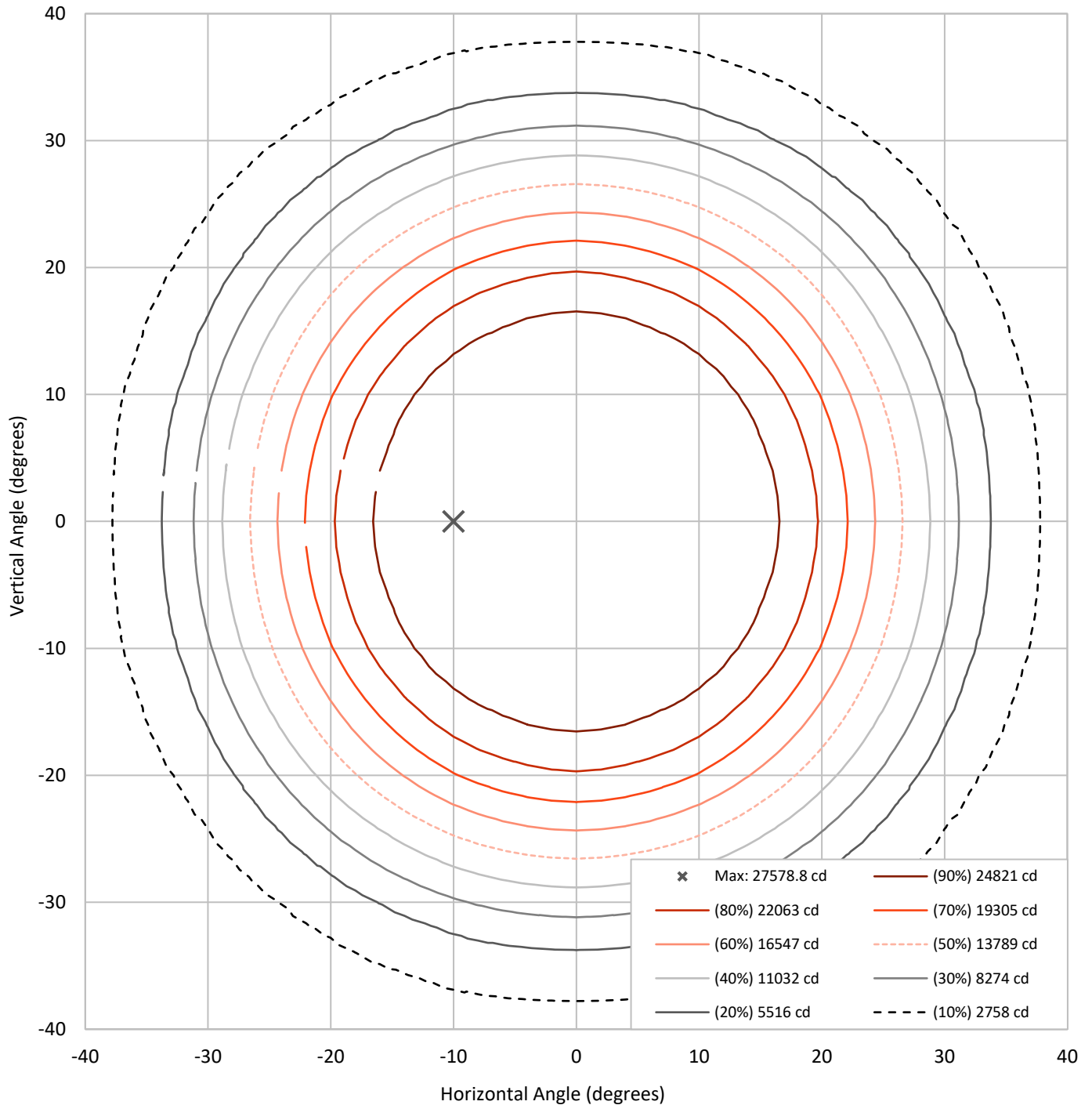
NEMA Type: 5H x 5V
Max Intensity: 27578.8 candela
Max Intensity Angle: -10°H x 0°V

Field Angle (10%): 75.3°H x 73.6°V
Field Lumens: 19445.2 lumens
Field Efficiency: 86.2%

Input Watts (W): 189
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: P624759 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-VN-04-E-PRO-5700K-55

Iso-Candela Plot





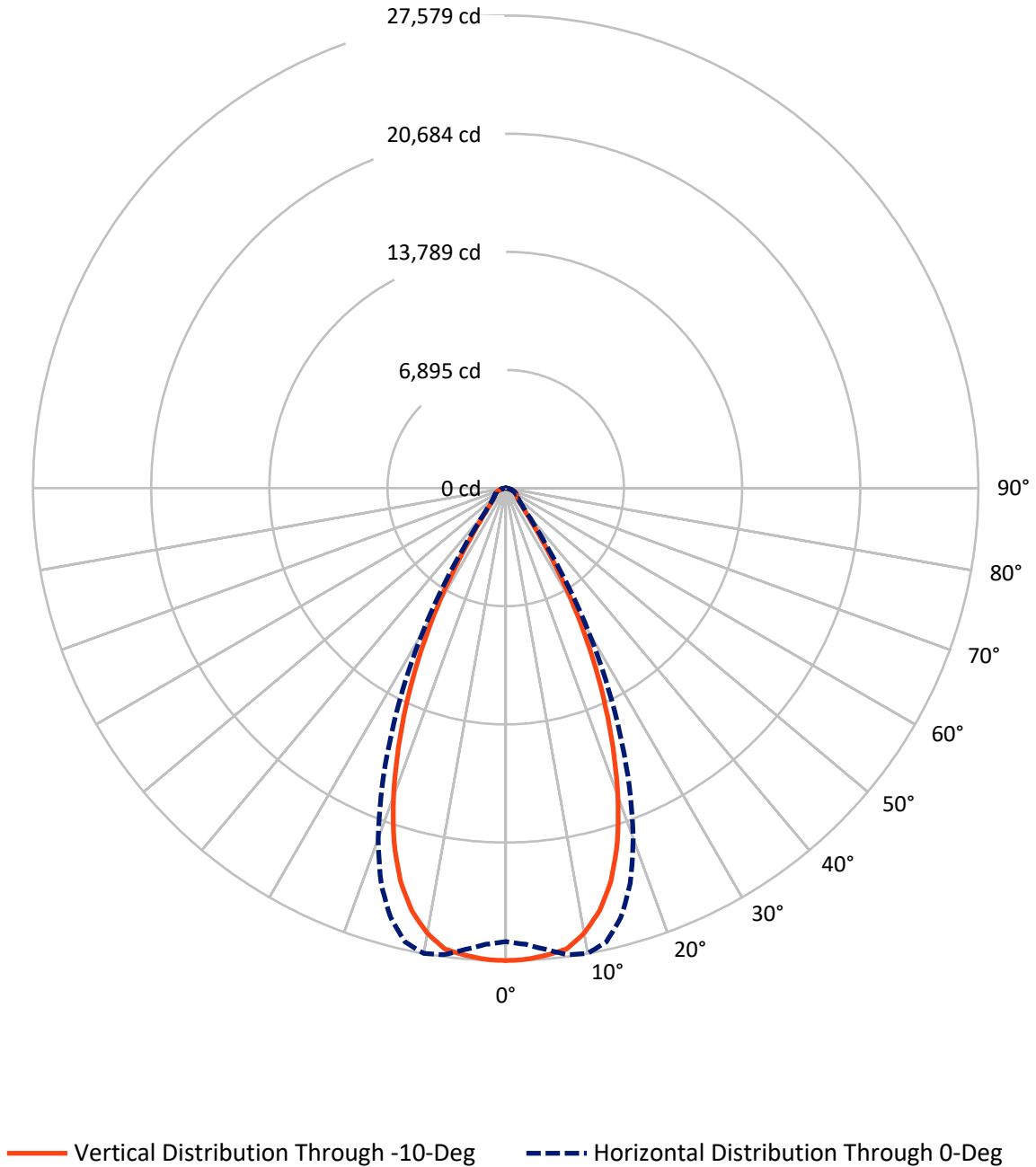
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Lumen Table

90																			
80	0.7	4.9		12.9		20.8		24.1		20.8		12.9		4.9		0.7			
70																			
60	2.3	2.4	5.1	8.4	11.8	14.8	16.9	18.1	18.1	16.9	14.8	11.8	8.4	5.1	2.4	2.3			
50		3.8	7.8	12.4	16.6	20.2	22.9	24.5	24.5	22.9	20.2	16.6	12.4	7.8	3.8				
40	4.0	5.1	10.1	15.2	20.4	26.4	33.5	38.8	38.8	33.5	26.4	20.4	15.2	10.1	5.1	4.0			
30		6.2	11.7	17.7	26.8	47.7	93.1	140.1	140.1	93.1	47.7	26.8	17.7	11.7	6.2				
20	5.3	7.0	12.8	20.7	43.3	137.9	319.5	453.4	453.4	319.5	137.9	43.3	20.7	12.8	7.0	5.3			
10		7.5	13.7	24.7	79.8	300.9	588.7	750.6	750.6	588.7	300.9	79.8	24.7	13.7	7.5				
0	5.8	7.8	14.2	27.8	116.9	414.5	728.4	826.1	826.1	728.4	414.5	116.9	27.8	14.2	7.8	5.8			
-10		7.8	14.2	27.8	116.9	414.5	728.4	826.1	826.1	728.4	414.5	116.9	27.8	14.2	7.8				
-20	5.3	7.5	13.7	24.7	79.8	300.9	588.7	750.6	750.6	588.7	300.9	79.8	24.7	13.7	7.5	5.3			
-30		7.0	12.8	20.7	43.3	137.9	319.5	453.4	453.4	319.5	137.9	43.3	20.7	12.8	7.0				
-40	4.0	6.2	11.7	17.7	26.8	47.7	93.1	140.1	140.1	93.1	47.7	26.8	17.7	11.7	6.2	4.0			
-50		5.1	10.1	15.2	20.4	26.4	33.5	38.8	38.8	33.5	26.4	20.4	15.2	10.1	5.1				
-60	2.3	3.8	7.8	12.4	16.6	20.2	22.9	24.5	24.5	22.9	20.2	16.6	12.4	7.8	3.8	2.3			
-70		2.4	5.1	8.4	11.8	14.8	16.9	18.1	18.1	16.9	14.8	11.8	8.4	5.1	2.4				
-80	0.7	4.9		12.9		20.8		24.1		20.8		12.9		4.9		0.7			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

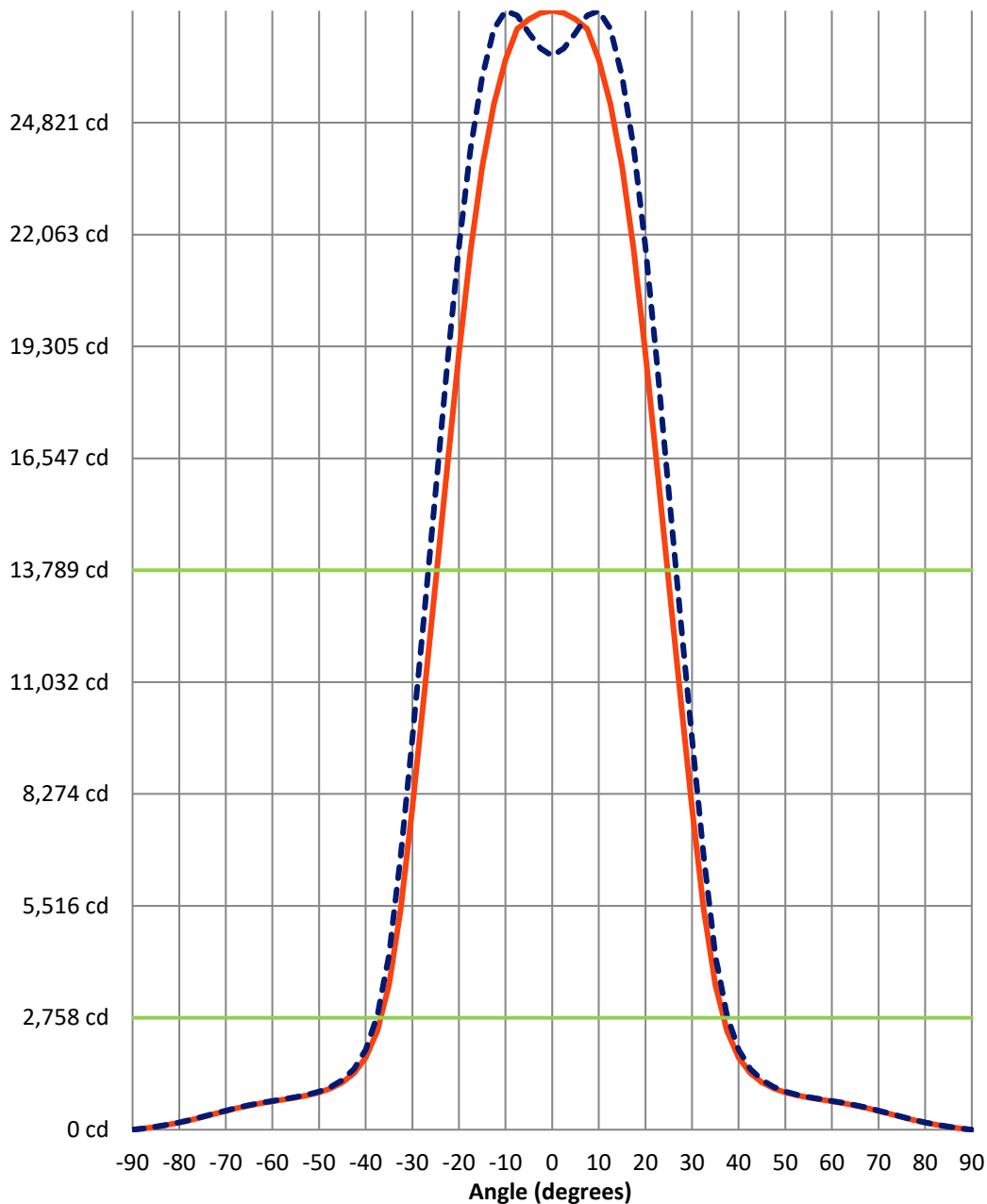
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.1°
 V Angle: 49.5°
 Lumens: 14954.4
 Efficiency: 66.3%

Field:
 H Angle: 75.3°
 V Angle: 73.6°
 Lumens: 19445.2
 Efficiency: 86.2%

Spill:
 Lumens: 3116.3
 Efficiency: 13.8%

— Vertical Distribution through -10-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	1.3	2.7	4.0	5.3	6.6	7.9	9.2	10.4	11.7	12.9
85°	0.0	2.7	5.3	8.0	10.6	13.2	15.8	18.3	20.8	23.3	25.8
82.5°	0.0	4.0	8.0	11.9	15.8	19.8	23.6	27.4	31.5	37.0	42.3
80°	0.0	5.3	10.6	15.8	21.1	26.3	31.9	39.3	46.6	53.8	60.9
77.5°	0.0	6.6	13.2	19.8	26.3	33.8	43.2	52.4	61.6	70.6	79.7
75°	0.0	7.9	15.8	23.6	31.9	43.2	54.4	65.5	76.5	87.8	99.0
72.5°	0.0	9.2	18.3	27.4	39.3	52.4	65.5	78.5	91.9	105.2	118.2
70°	0.0	10.4	20.8	31.5	46.6	61.6	76.5	91.9	107.2	122.4	140.2
67.5°	0.0	11.7	23.3	37.0	53.8	70.6	87.8	105.2	122.4	142.6	162.6
65°	0.0	12.9	25.8	42.3	60.9	79.7	99.0	118.2	140.2	162.6	185.8
62.5°	0.0	14.1	28.1	47.5	67.9	88.8	110.0	132.7	157.6	182.9	211.1
60°	0.0	15.2	30.5	52.6	74.7	97.8	120.7	147.7	174.7	205.3	235.9
57.5°	0.0	16.4	33.8	57.6	81.6	106.5	133.0	162.4	193.7	227.2	262.5
55°	0.0	17.5	37.0	62.4	88.4	115.0	145.3	176.7	212.7	249.2	289.7
52.5°	0.0	18.6	40.1	67.1	95.0	123.5	157.1	192.6	231.1	272.9	316.1
50°	0.0	19.6	43.2	71.7	101.4	133.1	168.7	208.2	249.8	296.0	342.4
47.5°	0.0	20.6	46.1	76.1	107.6	142.4	180.0	223.4	269.6	318.3	368.0
45°	0.0	21.6	48.9	80.5	113.5	151.3	192.5	237.9	288.7	340.5	392.7
42.5°	0.0	22.5	51.6	84.8	119.2	159.8	204.5	253.1	307.0	361.8	415.2
40°	0.0	23.4	54.1	88.9	125.1	167.9	215.9	268.3	324.6	382.2	436.6
37.5°	0.0	24.2	56.6	92.7	131.3	175.7	226.7	282.9	341.8	401.3	457.0
35°	0.0	25.0	58.9	96.3	137.2	183.8	237.0	296.6	358.1	418.6	476.5
32.5°	0.0	25.7	61.0	99.8	142.7	191.8	247.1	309.5	373.5	434.9	495.3
30°	0.0	26.4	63.1	103.0	147.8	199.3	257.4	321.7	387.8	450.1	513.0
27.5°	0.0	27.1	64.9	105.9	152.5	206.2	267.0	333.3	400.9	464.3	529.4
25°	0.0	27.6	66.6	108.7	156.9	212.6	275.8	344.0	412.4	477.7	544.4
22.5°	0.0	28.2	68.2	111.1	160.9	218.5	283.8	353.8	423.0	490.0	555.7
20°	0.0	28.7	69.6	113.4	164.5	223.7	291.1	362.6	432.5	501.2	565.8
17.5°	0.0	29.1	70.9	115.4	167.7	228.4	297.5	370.4	440.9	511.1	574.8
15°	0.0	29.5	72.0	117.1	170.5	232.5	303.1	377.2	448.3	519.7	582.7
12.5°	0.0	29.8	72.9	118.5	172.8	235.9	307.9	383.0	454.5	527.1	589.4
10°	0.0	30.0	73.6	119.8	174.7	238.7	311.8	387.7	459.7	533.1	594.9
7.5°	0.0	30.2	74.2	120.7	176.3	240.9	314.9	391.4	463.7	537.8	599.2
5°	0.0	30.4	74.7	121.4	177.3	242.5	317.0	394.1	466.6	541.2	602.3
2.5°	0.0	30.5	74.9	121.8	178.0	243.5	318.4	395.7	468.3	543.2	604.2
0°	0.0	30.5	75.0	121.9	178.2	243.8	318.8	396.2	468.9	543.9	604.8
-2.5°	0.0	30.5	74.9	121.8	178.0	243.5	318.4	395.7	468.3	543.2	604.2
-5°	0.0	30.4	74.7	121.4	177.3	242.5	317.0	394.1	466.6	541.2	602.3
-7.5°	0.0	30.2	74.2	120.7	176.3	240.9	314.9	391.4	463.7	537.8	599.2
-10°	0.0	30.0	73.6	119.8	174.7	238.7	311.8	387.7	459.7	533.1	594.9
-12.5°	0.0	29.8	72.9	118.5	172.8	235.9	307.9	383.0	454.5	527.1	589.4
-15°	0.0	29.5	72.0	117.1	170.5	232.5	303.1	377.2	448.3	519.7	582.7
-17.5°	0.0	29.1	70.9	115.4	167.7	228.4	297.5	370.4	440.9	511.1	574.8
-20°	0.0	28.7	69.6	113.4	164.5	223.7	291.1	362.6	432.5	501.2	565.8

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Scaled Data Report



REPORT NUMBER: P624759 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-04-E-PRO-5700K-55

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	28.2	68.2	111.1	160.9	218.5	283.8	353.8	423.0	490.0	555.7
-25°	0.0	27.6	66.6	108.7	156.9	212.6	275.8	344.0	412.4	477.7	544.4
-27.5°	0.0	27.1	64.9	105.9	152.5	206.2	267.0	333.3	400.9	464.3	529.4
-30°	0.0	26.4	63.1	103.0	147.8	199.3	257.4	321.7	387.8	450.1	513.0
-32.5°	0.0	25.7	61.0	99.8	142.7	191.8	247.1	309.5	373.5	434.9	495.3
-35°	0.0	25.0	58.9	96.3	137.2	183.8	237.0	296.6	358.1	418.6	476.5
-37.5°	0.0	24.2	56.6	92.7	131.3	175.7	226.7	282.9	341.8	401.3	457.0
-40°	0.0	23.4	54.1	88.9	125.1	167.9	215.9	268.3	324.6	382.2	436.6
-42.5°	0.0	22.5	51.6	84.8	119.2	159.8	204.5	253.1	307.0	361.8	415.2
-45°	0.0	21.6	48.9	80.5	113.5	151.3	192.5	237.9	288.7	340.5	392.7
-47.5°	0.0	20.6	46.1	76.1	107.6	142.4	180.0	223.4	269.6	318.3	368.0
-50°	0.0	19.6	43.2	71.7	101.4	133.1	168.7	208.2	249.8	296.0	342.4
-52.5°	0.0	18.6	40.1	67.1	95.0	123.5	157.1	192.6	231.1	272.9	316.1
-55°	0.0	17.5	37.0	62.4	88.4	115.0	145.3	176.7	212.7	249.2	289.7
-57.5°	0.0	16.4	33.8	57.6	81.6	106.5	133.0	162.4	193.7	227.2	262.5
-60°	0.0	15.2	30.5	52.6	74.7	97.8	120.7	147.7	174.7	205.3	235.9
-62.5°	0.0	14.1	28.1	47.5	67.9	88.8	110.0	132.7	157.6	182.9	211.1
-65°	0.0	12.9	25.8	42.3	60.9	79.7	99.0	118.2	140.2	162.6	185.8
-67.5°	0.0	11.7	23.3	37.0	53.8	70.6	87.8	105.2	122.4	142.6	162.6
-70°	0.0	10.4	20.8	31.5	46.6	61.6	76.5	91.9	107.2	122.4	140.2
-72.5°	0.0	9.2	18.3	27.4	39.3	52.4	65.5	78.5	91.9	105.2	118.2
-75°	0.0	7.9	15.8	23.6	31.9	43.2	54.4	65.5	76.5	87.8	99.0
-77.5°	0.0	6.6	13.2	19.8	26.3	33.8	43.2	52.4	61.6	70.6	79.7
-80°	0.0	5.3	10.6	15.8	21.1	26.3	31.9	39.3	46.6	53.8	60.9
-82.5°	0.0	4.0	8.0	11.9	15.8	19.8	23.6	27.4	31.5	37.0	42.3
-85°	0.0	2.7	5.3	8.0	10.6	13.2	15.8	18.3	20.8	23.3	25.8
-87.5°	0.0	1.3	2.7	4.0	5.3	6.6	7.9	9.2	10.4	11.7	12.9
-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: P624759 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-04-E-PRO-5700K-55

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°	14.1	15.2	16.4	17.5	18.6	19.6	20.6	21.6	22.5	23.4	24.2
85°	28.1	30.5	33.8	37.0	40.1	43.2	46.1	48.9	51.6	54.1	56.6
82.5°	47.5	52.6	57.6	62.4	67.1	71.7	76.1	80.5	84.8	88.9	92.7
80°	67.9	74.7	81.6	88.4	95.0	101.4	107.6	113.5	119.2	125.1	131.3
77.5°	88.8	97.8	106.5	115.0	123.5	133.1	142.4	151.3	159.8	167.9	175.7
75°	110.0	120.7	133.0	145.3	157.1	168.7	180.0	192.5	204.5	215.9	226.7
72.5°	132.7	147.7	162.4	176.7	192.6	208.2	223.4	237.9	253.1	268.3	282.9
70°	157.6	174.7	193.7	212.7	231.1	249.8	269.6	288.7	307.0	324.6	341.8
67.5°	182.9	205.3	227.2	249.2	272.9	296.0	318.3	340.5	361.8	382.2	401.3
65°	211.1	235.9	262.5	289.7	316.1	342.4	368.0	392.7	415.2	436.6	457.0
62.5°	238.8	269.3	299.7	329.9	359.8	389.0	415.9	441.5	466.1	490.4	513.6
60°	269.3	303.1	336.9	370.4	402.6	432.5	461.4	490.0	517.9	544.4	565.1
57.5°	299.7	336.9	373.9	409.3	442.5	475.0	507.4	538.8	564.3	587.9	610.0
55°	329.9	370.4	409.3	445.9	482.0	517.9	551.2	578.7	605.2	628.8	651.4
52.5°	359.8	402.6	442.5	482.0	521.5	556.9	587.4	616.0	642.4	666.7	687.0
50°	389.0	432.5	475.0	517.9	556.9	590.3	621.4	650.6	675.9	698.6	720.4
47.5°	415.9	461.4	507.4	551.2	587.4	621.4	653.4	680.5	705.6	729.9	753.2
45°	441.5	490.0	538.8	578.7	616.0	650.6	680.5	708.0	734.7	760.8	786.9
42.5°	466.1	517.9	564.3	605.2	642.4	675.9	705.6	734.7	763.3	792.0	822.8
40°	490.4	544.4	587.9	628.8	666.7	698.6	729.9	760.8	792.0	825.9	861.0
37.5°	513.6	565.1	610.0	651.4	687.0	720.4	753.2	786.9	822.8	861.0	909.3
35°	535.6	584.8	629.8	670.9	706.3	741.2	776.6	813.4	854.6	905.0	964.6
32.5°	554.1	603.4	648.6	687.9	724.7	761.4	798.9	841.8	892.1	951.4	1031.9
30°	570.0	619.6	665.4	703.9	742.1	781.0	823.1	870.8	930.2	1011.8	1115.6
27.5°	584.8	634.7	679.2	718.9	758.5	799.4	846.7	904.3	978.8	1075.5	1205.2
25°	598.4	648.6	691.9	732.8	774.3	818.9	870.6	935.6	1028.7	1154.1	1330.5
22.5°	610.5	661.3	703.5	745.5	788.8	837.6	897.4	976.4	1084.3	1229.3	1458.0
20°	620.9	670.9	714.1	757.2	802.0	854.7	921.8	1015.5	1146.3	1338.0	1631.1
17.5°	630.2	679.5	723.5	768.0	815.6	872.3	945.4	1050.7	1202.1	1436.1	1814.1
15°	638.3	687.0	731.7	777.4	827.9	890.0	973.9	1094.1	1268.7	1540.9	1979.9
12.5°	645.2	693.3	738.7	785.5	838.4	905.1	998.4	1133.1	1337.6	1669.9	2228.8
10°	650.9	698.6	744.5	792.1	847.1	917.6	1018.6	1165.4	1394.7	1777.1	2436.1
7.5°	655.4	702.7	749.1	797.4	853.9	927.4	1034.4	1190.8	1439.6	1861.6	2599.7
5°	658.5	705.6	752.3	801.1	858.8	934.4	1045.8	1209.0	1472.0	1922.5	2717.9
2.5°	660.5	707.4	754.2	803.3	861.7	938.7	1052.7	1220.0	1491.5	1959.3	2789.3
0°	661.1	708.0	754.9	804.1	862.7	940.1	1055.0	1223.7	1498.0	1971.6	2813.2
-2.5°	660.5	707.4	754.2	803.3	861.7	938.7	1052.7	1220.0	1491.5	1959.3	2789.3
-5°	658.5	705.6	752.3	801.1	858.8	934.4	1045.8	1209.0	1472.0	1922.5	2717.9
-7.5°	655.4	702.7	749.1	797.4	853.9	927.4	1034.4	1190.8	1439.6	1861.6	2599.7
-10°	650.9	698.6	744.5	792.1	847.1	917.6	1018.6	1165.4	1394.7	1777.1	2436.1
-12.5°	645.2	693.3	738.7	785.5	838.4	905.1	998.4	1133.1	1337.6	1669.9	2228.8
-15°	638.3	687.0	731.7	777.4	827.9	890.0	973.9	1094.1	1268.7	1540.9	1979.9
-17.5°	630.2	679.5	723.5	768.0	815.6	872.3	945.4	1050.7	1202.1	1436.1	1814.1
-20°	620.9	670.9	714.1	757.2	802.0	854.7	921.8	1015.5	1146.3	1338.0	1631.1

Classified

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

Scaled Data Report



REPORT NUMBER: P624759 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-04-E-PRO-5700K-55

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	610.5	661.3	703.5	745.5	788.8	837.6	897.4	976.4	1084.3	1229.3	1458.0
-25°	598.4	648.6	691.9	732.8	774.3	818.9	870.6	935.6	1028.7	1154.1	1330.5
-27.5°	584.8	634.7	679.2	718.9	758.5	799.4	846.7	904.3	978.8	1075.5	1205.2
-30°	570.0	619.6	665.4	703.9	742.1	781.0	823.1	870.8	930.2	1011.8	1115.6
-32.5°	554.1	603.4	648.6	687.9	724.7	761.4	798.9	841.8	892.1	951.4	1031.9
-35°	535.6	584.8	629.8	670.9	706.3	741.2	776.6	813.4	854.6	905.0	964.6
-37.5°	513.6	565.1	610.0	651.4	687.0	720.4	753.2	786.9	822.8	861.0	909.3
-40°	490.4	544.4	587.9	628.8	666.7	698.6	729.9	760.8	792.0	825.9	861.0
-42.5°	466.1	517.9	564.3	605.2	642.4	675.9	705.6	734.7	763.3	792.0	822.8
-45°	441.5	490.0	538.8	578.7	616.0	650.6	680.5	708.0	734.7	760.8	786.9
-47.5°	415.9	461.4	507.4	551.2	587.4	621.4	653.4	680.5	705.6	729.9	753.2
-50°	389.0	432.5	475.0	517.9	556.9	590.3	621.4	650.6	675.9	698.6	720.4
-52.5°	359.8	402.6	442.5	482.0	521.5	556.9	587.4	616.0	642.4	666.7	687.0
-55°	329.9	370.4	409.3	445.9	482.0	517.9	551.2	578.7	605.2	628.8	651.4
-57.5°	299.7	336.9	373.9	409.3	442.5	475.0	507.4	538.8	564.3	587.9	610.0
-60°	269.3	303.1	336.9	370.4	402.6	432.5	461.4	490.0	517.9	544.4	565.1
-62.5°	238.8	269.3	299.7	329.9	359.8	389.0	415.9	441.5	466.1	490.4	513.6
-65°	211.1	235.9	262.5	289.7	316.1	342.4	368.0	392.7	415.2	436.6	457.0
-67.5°	182.9	205.3	227.2	249.2	272.9	296.0	318.3	340.5	361.8	382.2	401.3
-70°	157.6	174.7	193.7	212.7	231.1	249.8	269.6	288.7	307.0	324.6	341.8
-72.5°	132.7	147.7	162.4	176.7	192.6	208.2	223.4	237.9	253.1	268.3	282.9
-75°	110.0	120.7	133.0	145.3	157.1	168.7	180.0	192.5	204.5	215.9	226.7
-77.5°	88.8	97.8	106.5	115.0	123.5	133.1	142.4	151.3	159.8	167.9	175.7
-80°	67.9	74.7	81.6	88.4	95.0	101.4	107.6	113.5	119.2	125.1	131.3
-82.5°	47.5	52.6	57.6	62.4	67.1	71.7	76.1	80.5	84.8	88.9	92.7
-85°	28.1	30.5	33.8	37.0	40.1	43.2	46.1	48.9	51.6	54.1	56.6
-87.5°	14.1	15.2	16.4	17.5	18.6	19.6	20.6	21.6	22.5	23.4	24.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P624759 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-04-E-PRO-5700K-55

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°	25.0	25.7	26.4	27.1	27.6	28.2	28.7	29.1	29.5	29.8	30.0
85°	58.9	61.0	63.1	64.9	66.6	68.2	69.6	70.9	72.0	72.9	73.6
82.5°	96.3	99.8	103.0	105.9	108.7	111.1	113.4	115.4	117.1	118.5	119.8
80°	137.2	142.7	147.8	152.5	156.9	160.9	164.5	167.7	170.5	172.8	174.7
77.5°	183.8	191.8	199.3	206.2	212.6	218.5	223.7	228.4	232.5	235.9	238.7
75°	237.0	247.1	257.4	267.0	275.8	283.8	291.1	297.5	303.1	307.9	311.8
72.5°	296.6	309.5	321.7	333.3	344.0	353.8	362.6	370.4	377.2	383.0	387.7
70°	358.1	373.5	387.8	400.9	412.4	423.0	432.5	440.9	448.3	454.5	459.7
67.5°	418.6	434.9	450.1	464.3	477.7	490.0	501.2	511.1	519.7	527.1	533.1
65°	476.5	495.3	513.0	529.4	544.4	555.7	565.8	574.8	582.7	589.4	594.9
62.5°	535.6	554.1	570.0	584.8	598.4	610.5	620.9	630.2	638.3	645.2	650.9
60°	584.8	603.4	619.6	634.7	648.6	661.3	670.9	679.5	687.0	693.3	698.6
57.5°	629.8	648.6	665.4	679.2	691.9	703.5	714.1	723.5	731.7	738.7	744.5
55°	670.9	687.9	703.9	718.9	732.8	745.5	757.2	768.0	777.4	785.5	792.1
52.5°	706.3	724.7	742.1	758.5	774.3	788.8	802.0	815.6	827.9	838.4	847.1
50°	741.2	761.4	781.0	799.4	818.9	837.6	854.7	872.3	890.0	905.1	917.6
47.5°	776.6	798.9	823.1	846.7	870.6	897.4	921.8	945.4	973.9	998.4	1018.6
45°	813.4	841.8	870.8	904.3	935.6	976.4	1015.5	1050.7	1094.1	1133.1	1165.4
42.5°	854.6	892.1	930.2	978.8	1028.7	1084.3	1146.3	1202.1	1268.7	1337.6	1394.7
40°	905.0	951.4	1011.8	1075.5	1154.1	1229.3	1338.0	1436.1	1540.9	1669.9	1777.1
37.5°	964.6	1031.9	1115.6	1205.2	1330.5	1458.0	1631.1	1814.1	1979.9	2228.8	2436.1
35°	1038.7	1135.9	1244.2	1399.5	1580.7	1816.8	2083.2	2434.2	2746.4	3172.8	3571.5
32.5°	1135.9	1261.2	1434.3	1673.4	1943.4	2371.1	2787.1	3436.4	4033.8	4715.5	5429.0
30°	1244.2	1434.3	1704.6	2035.6	2547.3	3193.7	3983.6	4966.8	6029.6	6998.7	7925.7
27.5°	1399.5	1673.4	2035.6	2606.6	3410.5	4332.5	5725.1	7055.9	8427.1	9629.9	10680.3
25°	1580.7	1943.4	2547.3	3410.5	4518.5	6111.6	7771.1	9414.8	10948.0	12307.7	13491.7
22.5°	1816.8	2371.1	3193.7	4332.5	6111.6	8012.9	9929.8	11765.7	13469.7	15010.9	16336.6
20°	2083.2	2787.1	3983.6	5725.1	7771.1	9929.8	12043.0	14073.2	15963.2	17674.2	19130.3
17.5°	2434.2	3436.4	4966.8	7055.9	9414.8	11765.7	14073.2	16290.3	18367.7	20146.3	21667.8
15°	2746.4	4033.8	6029.6	8427.1	10948.0	13469.7	15963.2	18367.7	20494.8	22307.3	23732.0
12.5°	3172.8	4715.5	6998.7	9629.9	12307.7	15010.9	17674.2	20146.3	22307.3	24078.1	25273.6
10°	3571.5	5429.0	7925.7	10680.3	13491.7	16336.6	19130.3	21667.8	23732.0	25273.6	26371.8
7.5°	3886.9	5995.0	8663.4	11520.1	14452.0	17415.1	20245.3	22734.1	24725.6	26164.8	27130.5
5°	4115.1	6405.4	9200.0	12132.8	15155.9	18210.2	21073.7	23523.7	25390.2	26680.9	27367.2
2.5°	4253.2	6654.2	9525.9	12506.0	15585.8	18698.0	21584.9	24014.9	25808.7	27011.8	27523.7
0°	4299.5	6737.6	9635.2	12631.3	15730.5	18862.5	21757.8	24181.8	25951.8	27126.3	27578.8
-2.5°	4253.2	6654.2	9525.9	12506.0	15585.8	18698.0	21584.9	24014.9	25808.7	27011.8	27523.7
-5°	4115.1	6405.4	9200.0	12132.8	15155.9	18210.2	21073.7	23523.7	25390.2	26680.9	27367.2
-7.5°	3886.9	5995.0	8663.4	11520.1	14452.0	17415.1	20245.3	22734.1	24725.6	26164.8	27130.5
-10°	3571.5	5429.0	7925.7	10680.3	13491.7	16336.6	19130.3	21667.8	23732.0	25273.6	26371.8
-12.5°	3172.8	4715.5	6998.7	9629.9	12307.7	15010.9	17674.2	20146.3	22307.3	24078.1	25273.6
-15°	2746.4	4033.8	6029.6	8427.1	10948.0	13469.7	15963.2	18367.7	20494.8	22307.3	23732.0
-17.5°	2434.2	3436.4	4966.8	7055.9	9414.8	11765.7	14073.2	16290.3	18367.7	20146.3	21667.8
-20°	2083.2	2787.1	3983.6	5725.1	7771.1	9929.8	12043.0	14073.2	15963.2	17674.2	19130.3

Classified

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

Scaled Data Report



REPORT NUMBER: P624759 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-04-E-PRO-5700K-55

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1816.8	2371.1	3193.7	4332.5	6111.6	8012.9	9929.8	11765.7	13469.7	15010.9	16336.6
-25°	1580.7	1943.4	2547.3	3410.5	4518.5	6111.6	7771.1	9414.8	10948.0	12307.7	13491.7
-27.5°	1399.5	1673.4	2035.6	2606.6	3410.5	4332.5	5725.1	7055.9	8427.1	9629.9	10680.3
-30°	1244.2	1434.3	1704.6	2035.6	2547.3	3193.7	3983.6	4966.8	6029.6	6998.7	7925.7
-32.5°	1135.9	1261.2	1434.3	1673.4	1943.4	2371.1	2787.1	3436.4	4033.8	4715.5	5429.0
-35°	1038.7	1135.9	1244.2	1399.5	1580.7	1816.8	2083.2	2434.2	2746.4	3172.8	3571.5
-37.5°	964.6	1031.9	1115.6	1205.2	1330.5	1458.0	1631.1	1814.1	1979.9	2228.8	2436.1
-40°	905.0	951.4	1011.8	1075.5	1154.1	1229.3	1338.0	1436.1	1540.9	1669.9	1777.1
-42.5°	854.6	892.1	930.2	978.8	1028.7	1084.3	1146.3	1202.1	1268.7	1337.6	1394.7
-45°	813.4	841.8	870.8	904.3	935.6	976.4	1015.5	1050.7	1094.1	1133.1	1165.4
-47.5°	776.6	798.9	823.1	846.7	870.6	897.4	921.8	945.4	973.9	998.4	1018.6
-50°	741.2	761.4	781.0	799.4	818.9	837.6	854.7	872.3	890.0	905.1	917.6
-52.5°	706.3	724.7	742.1	758.5	774.3	788.8	802.0	815.6	827.9	838.4	847.1
-55°	670.9	687.9	703.9	718.9	732.8	745.5	757.2	768.0	777.4	785.5	792.1
-57.5°	629.8	648.6	665.4	679.2	691.9	703.5	714.1	723.5	731.7	738.7	744.5
-60°	584.8	603.4	619.6	634.7	648.6	661.3	670.9	679.5	687.0	693.3	698.6
-62.5°	535.6	554.1	570.0	584.8	598.4	610.5	620.9	630.2	638.3	645.2	650.9
-65°	476.5	495.3	513.0	529.4	544.4	555.7	565.8	574.8	582.7	589.4	594.9
-67.5°	418.6	434.9	450.1	464.3	477.7	490.0	501.2	511.1	519.7	527.1	533.1
-70°	358.1	373.5	387.8	400.9	412.4	423.0	432.5	440.9	448.3	454.5	459.7
-72.5°	296.6	309.5	321.7	333.3	344.0	353.8	362.6	370.4	377.2	383.0	387.7
-75°	237.0	247.1	257.4	267.0	275.8	283.8	291.1	297.5	303.1	307.9	311.8
-77.5°	183.8	191.8	199.3	206.2	212.6	218.5	223.7	228.4	232.5	235.9	238.7
-80°	137.2	142.7	147.8	152.5	156.9	160.9	164.5	167.7	170.5	172.8	174.7
-82.5°	96.3	99.8	103.0	105.9	108.7	111.1	113.4	115.4	117.1	118.5	119.8
-85°	58.9	61.0	63.1	64.9	66.6	68.2	69.6	70.9	72.0	72.9	73.6
-87.5°	25.0	25.7	26.4	27.1	27.6	28.2	28.7	29.1	29.5	29.8	30.0
-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: P624759 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-04-E-PRO-5700K-55

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°	30.2	30.4	30.5	30.5	30.5	30.4	30.2	30.0	29.8	29.5	29.1
85°	74.2	74.7	74.9	75.0	74.9	74.7	74.2	73.6	72.9	72.0	70.9
82.5°	120.7	121.4	121.8	121.9	121.8	121.4	120.7	119.8	118.5	117.1	115.4
80°	176.3	177.3	178.0	178.2	178.0	177.3	176.3	174.7	172.8	170.5	167.7
77.5°	240.9	242.5	243.5	243.8	243.5	242.5	240.9	238.7	235.9	232.5	228.4
75°	314.9	317.0	318.4	318.8	318.4	317.0	314.9	311.8	307.9	303.1	297.5
72.5°	391.4	394.1	395.7	396.2	395.7	394.1	391.4	387.7	383.0	377.2	370.4
70°	463.7	466.6	468.3	468.9	468.3	466.6	463.7	459.7	454.5	448.3	440.9
67.5°	537.8	541.2	543.2	543.9	543.2	541.2	537.8	533.1	527.1	519.7	511.1
65°	599.2	602.3	604.2	604.8	604.2	602.3	599.2	594.9	589.4	582.7	574.8
62.5°	655.4	658.5	660.5	661.1	660.5	658.5	655.4	650.9	645.2	638.3	630.2
60°	702.7	705.6	707.4	708.0	707.4	705.6	702.7	698.6	693.3	687.0	679.5
57.5°	749.1	752.3	754.2	754.9	754.2	752.3	749.1	744.5	738.7	731.7	723.5
55°	797.4	801.1	803.3	804.1	803.3	801.1	797.4	792.1	785.5	777.4	768.0
52.5°	853.9	858.8	861.7	862.7	861.7	858.8	853.9	847.1	838.4	827.9	815.6
50°	927.4	934.4	938.7	940.1	938.7	934.4	927.4	917.6	905.1	890.0	872.3
47.5°	1034.4	1045.8	1052.7	1055.0	1052.7	1045.8	1034.4	1018.6	998.4	973.9	945.4
45°	1190.8	1209.0	1220.0	1223.7	1220.0	1209.0	1190.8	1165.4	1133.1	1094.1	1050.7
42.5°	1439.6	1472.0	1491.5	1498.0	1491.5	1472.0	1439.6	1394.7	1337.6	1268.7	1202.1
40°	1861.6	1922.5	1959.3	1971.6	1959.3	1922.5	1861.6	1777.1	1669.9	1540.9	1436.1
37.5°	2599.7	2717.9	2789.3	2813.2	2789.3	2717.9	2599.7	2436.1	2228.8	1979.9	1814.1
35°	3886.9	4115.1	4253.2	4299.5	4253.2	4115.1	3886.9	3571.5	3172.8	2746.4	2434.2
32.5°	5995.0	6405.4	6654.2	6737.6	6654.2	6405.4	5995.0	5429.0	4715.5	4033.8	3436.4
30°	8663.4	9200.0	9525.9	9635.2	9525.9	9200.0	8663.4	7925.7	6998.7	6029.6	4966.8
27.5°	11520.1	12132.8	12506.0	12631.3	12506.0	12132.8	11520.1	10680.3	9629.9	8427.1	7055.9
25°	14452.0	15155.9	15585.8	15730.5	15585.8	15155.9	14452.0	13491.7	12307.7	10948.0	9414.8
22.5°	17415.1	18210.2	18698.0	18862.5	18698.0	18210.2	17415.1	16336.6	15010.9	13469.7	11765.7
20°	20245.3	21073.7	21584.9	21757.8	21584.9	21073.7	20245.3	19130.3	17674.2	15963.2	14073.2
17.5°	22734.1	23523.7	24014.9	24181.8	24014.9	23523.7	22734.1	21667.8	20146.3	18367.7	16290.3
15°	24725.6	25390.2	25808.7	25951.8	25808.7	25390.2	24725.6	23732.0	22307.3	20494.8	18367.7
12.5°	26164.8	26680.9	27011.8	27126.3	27011.8	26680.9	26164.8	25273.6	24078.1	22307.3	20146.3
10°	27130.5	27367.2	27523.7	27578.8	27523.7	27367.2	27130.5	26371.8	25273.6	23732.0	21667.8
7.5°	27471.8	27531.2	27478.5	27459.2	27478.5	27531.2	27471.8	27130.5	26164.8	24725.6	22734.1
5°	27531.2	27385.2	27133.0	27032.5	27133.0	27385.2	27531.2	27367.2	26680.9	25390.2	23523.7
2.5°	27478.5	27133.0	26810.0	26652.8	26810.0	27133.0	27478.5	27523.7	27011.8	25808.7	24014.9
0°	27459.2	27032.5	26652.8	26465.2	26652.8	27032.5	27459.2	27578.8	27126.3	25951.8	24181.8
-2.5°	27478.5	27133.0	26810.0	26652.8	26810.0	27133.0	27478.5	27523.7	27011.8	25808.7	24014.9
-5°	27531.2	27385.2	27133.0	27032.5	27133.0	27385.2	27531.2	27367.2	26680.9	25390.2	23523.7
-7.5°	27471.8	27531.2	27478.5	27459.2	27478.5	27531.2	27471.8	27130.5	26164.8	24725.6	22734.1
-10°	27130.5	27367.2	27523.7	27578.8	27523.7	27367.2	27130.5	26371.8	25273.6	23732.0	21667.8
-12.5°	26164.8	26680.9	27011.8	27126.3	27011.8	26680.9	26164.8	25273.6	24078.1	22307.3	20146.3
-15°	24725.6	25390.2	25808.7	25951.8	25808.7	25390.2	24725.6	23732.0	22307.3	20494.8	18367.7
-17.5°	22734.1	23523.7	24014.9	24181.8	24014.9	23523.7	22734.1	21667.8	20146.3	18367.7	16290.3
-20°	20245.3	21073.7	21584.9	21757.8	21584.9	21073.7	20245.3	19130.3	17674.2	15963.2	14073.2



REPORT NUMBER: P624759 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-04-E-PRO-5700K-55

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	17415.1	18210.2	18698.0	18862.5	18698.0	18210.2	17415.1	16336.6	15010.9	13469.7	11765.7
-25°	14452.0	15155.9	15585.8	15730.5	15585.8	15155.9	14452.0	13491.7	12307.7	10948.0	9414.8
-27.5°	11520.1	12132.8	12506.0	12631.3	12506.0	12132.8	11520.1	10680.3	9629.9	8427.1	7055.9
-30°	8663.4	9200.0	9525.9	9635.2	9525.9	9200.0	8663.4	7925.7	6998.7	6029.6	4966.8
-32.5°	5995.0	6405.4	6654.2	6737.6	6654.2	6405.4	5995.0	5429.0	4715.5	4033.8	3436.4
-35°	3886.9	4115.1	4253.2	4299.5	4253.2	4115.1	3886.9	3571.5	3172.8	2746.4	2434.2
-37.5°	2599.7	2717.9	2789.3	2813.2	2789.3	2717.9	2599.7	2436.1	2228.8	1979.9	1814.1
-40°	1861.6	1922.5	1959.3	1971.6	1959.3	1922.5	1861.6	1777.1	1669.9	1540.9	1436.1
-42.5°	1439.6	1472.0	1491.5	1498.0	1491.5	1472.0	1439.6	1394.7	1337.6	1268.7	1202.1
-45°	1190.8	1209.0	1220.0	1223.7	1220.0	1209.0	1190.8	1165.4	1133.1	1094.1	1050.7
-47.5°	1034.4	1045.8	1052.7	1055.0	1052.7	1045.8	1034.4	1018.6	998.4	973.9	945.4
-50°	927.4	934.4	938.7	940.1	938.7	934.4	927.4	917.6	905.1	890.0	872.3
-52.5°	853.9	858.8	861.7	862.7	861.7	858.8	853.9	847.1	838.4	827.9	815.6
-55°	797.4	801.1	803.3	804.1	803.3	801.1	797.4	792.1	785.5	777.4	768.0
-57.5°	749.1	752.3	754.2	754.9	754.2	752.3	749.1	744.5	738.7	731.7	723.5
-60°	702.7	705.6	707.4	708.0	707.4	705.6	702.7	698.6	693.3	687.0	679.5
-62.5°	655.4	658.5	660.5	661.1	660.5	658.5	655.4	650.9	645.2	638.3	630.2
-65°	599.2	602.3	604.2	604.8	604.2	602.3	599.2	594.9	589.4	582.7	574.8
-67.5°	537.8	541.2	543.2	543.9	543.2	541.2	537.8	533.1	527.1	519.7	511.1
-70°	463.7	466.6	468.3	468.9	468.3	466.6	463.7	459.7	454.5	448.3	440.9
-72.5°	391.4	394.1	395.7	396.2	395.7	394.1	391.4	387.7	383.0	377.2	370.4
-75°	314.9	317.0	318.4	318.8	318.4	317.0	314.9	311.8	307.9	303.1	297.5
-77.5°	240.9	242.5	243.5	243.8	243.5	242.5	240.9	238.7	235.9	232.5	228.4
-80°	176.3	177.3	178.0	178.2	178.0	177.3	176.3	174.7	172.8	170.5	167.7
-82.5°	120.7	121.4	121.8	121.9	121.8	121.4	120.7	119.8	118.5	117.1	115.4
-85°	74.2	74.7	74.9	75.0	74.9	74.7	74.2	73.6	72.9	72.0	70.9
-87.5°	30.2	30.4	30.5	30.5	30.5	30.4	30.2	30.0	29.8	29.5	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: P624759 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-04-E-PRO-5700K-55

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°	28.7	28.2	27.6	27.1	26.4	25.7	25.0	24.2	23.4	22.5	21.6
85°	69.6	68.2	66.6	64.9	63.1	61.0	58.9	56.6	54.1	51.6	48.9
82.5°	113.4	111.1	108.7	105.9	103.0	99.8	96.3	92.7	88.9	84.8	80.5
80°	164.5	160.9	156.9	152.5	147.8	142.7	137.2	131.3	125.1	119.2	113.5
77.5°	223.7	218.5	212.6	206.2	199.3	191.8	183.8	175.7	167.9	159.8	151.3
75°	291.1	283.8	275.8	267.0	257.4	247.1	237.0	226.7	215.9	204.5	192.5
72.5°	362.6	353.8	344.0	333.3	321.7	309.5	296.6	282.9	268.3	253.1	237.9
70°	432.5	423.0	412.4	400.9	387.8	373.5	358.1	341.8	324.6	307.0	288.7
67.5°	501.2	490.0	477.7	464.3	450.1	434.9	418.6	401.3	382.2	361.8	340.5
65°	565.8	555.7	544.4	529.4	513.0	495.3	476.5	457.0	436.6	415.2	392.7
62.5°	620.9	610.5	598.4	584.8	570.0	554.1	535.6	513.6	490.4	466.1	441.5
60°	670.9	661.3	648.6	634.7	619.6	603.4	584.8	565.1	544.4	517.9	490.0
57.5°	714.1	703.5	691.9	679.2	665.4	648.6	629.8	610.0	587.9	564.3	538.8
55°	757.2	745.5	732.8	718.9	703.9	687.9	670.9	651.4	628.8	605.2	578.7
52.5°	802.0	788.8	774.3	758.5	742.1	724.7	706.3	687.0	666.7	642.4	616.0
50°	854.7	837.6	818.9	799.4	781.0	761.4	741.2	720.4	698.6	675.9	650.6
47.5°	921.8	897.4	870.6	846.7	823.1	798.9	776.6	753.2	729.9	705.6	680.5
45°	1015.5	976.4	935.6	904.3	870.8	841.8	813.4	786.9	760.8	734.7	708.0
42.5°	1146.3	1084.3	1028.7	978.8	930.2	892.1	854.6	822.8	792.0	763.3	734.7
40°	1338.0	1229.3	1154.1	1075.5	1011.8	951.4	905.0	861.0	825.9	792.0	760.8
37.5°	1631.1	1458.0	1330.5	1205.2	1115.6	1031.9	964.6	909.3	861.0	822.8	786.9
35°	2083.2	1816.8	1580.7	1399.5	1244.2	1135.9	1038.7	964.6	905.0	854.6	813.4
32.5°	2787.1	2371.1	1943.4	1673.4	1434.3	1261.2	1135.9	1031.9	951.4	892.1	841.8
30°	3983.6	3193.7	2547.3	2035.6	1704.6	1434.3	1244.2	1115.6	1011.8	930.2	870.8
27.5°	5725.1	4332.5	3410.5	2606.6	2035.6	1673.4	1399.5	1205.2	1075.5	978.8	904.3
25°	7771.1	6111.6	4518.5	3410.5	2547.3	1943.4	1580.7	1330.5	1154.1	1028.7	935.6
22.5°	9929.8	8012.9	6111.6	4332.5	3193.7	2371.1	1816.8	1458.0	1229.3	1084.3	976.4
20°	12043.0	9929.8	7771.1	5725.1	3983.6	2787.1	2083.2	1631.1	1338.0	1146.3	1015.5
17.5°	14073.2	11765.7	9414.8	7055.9	4966.8	3436.4	2434.2	1814.1	1436.1	1202.1	1050.7
15°	15963.2	13469.7	10948.0	8427.1	6029.6	4033.8	2746.4	1979.9	1540.9	1268.7	1094.1
12.5°	17674.2	15010.9	12307.7	9629.9	6998.7	4715.5	3172.8	2228.8	1669.9	1337.6	1133.1
10°	19130.3	16336.6	13491.7	10680.3	7925.7	5429.0	3571.5	2436.1	1777.1	1394.7	1165.4
7.5°	20245.3	17415.1	14452.0	11520.1	8663.4	5995.0	3886.9	2599.7	1861.6	1439.6	1190.8
5°	21073.7	18210.2	15155.9	12132.8	9200.0	6405.4	4115.1	2717.9	1922.5	1472.0	1209.0
2.5°	21584.9	18698.0	15585.8	12506.0	9525.9	6654.2	4253.2	2789.3	1959.3	1491.5	1220.0
0°	21757.8	18862.5	15730.5	12631.3	9635.2	6737.6	4299.5	2813.2	1971.6	1498.0	1223.7
-2.5°	21584.9	18698.0	15585.8	12506.0	9525.9	6654.2	4253.2	2789.3	1959.3	1491.5	1220.0
-5°	21073.7	18210.2	15155.9	12132.8	9200.0	6405.4	4115.1	2717.9	1922.5	1472.0	1209.0
-7.5°	20245.3	17415.1	14452.0	11520.1	8663.4	5995.0	3886.9	2599.7	1861.6	1439.6	1190.8
-10°	19130.3	16336.6	13491.7	10680.3	7925.7	5429.0	3571.5	2436.1	1777.1	1394.7	1165.4
-12.5°	17674.2	15010.9	12307.7	9629.9	6998.7	4715.5	3172.8	2228.8	1669.9	1337.6	1133.1
-15°	15963.2	13469.7	10948.0	8427.1	6029.6	4033.8	2746.4	1979.9	1540.9	1268.7	1094.1
-17.5°	14073.2	11765.7	9414.8	7055.9	4966.8	3436.4	2434.2	1814.1	1436.1	1202.1	1050.7
-20°	12043.0	9929.8	7771.1	5725.1	3983.6	2787.1	2083.2	1631.1	1338.0	1146.3	1015.5

Classified

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

Scaled Data Report



REPORT NUMBER: P624759 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-04-E-PRO-5700K-55

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9929.8	8012.9	6111.6	4332.5	3193.7	2371.1	1816.8	1458.0	1229.3	1084.3	976.4
-25°	7771.1	6111.6	4518.5	3410.5	2547.3	1943.4	1580.7	1330.5	1154.1	1028.7	935.6
-27.5°	5725.1	4332.5	3410.5	2606.6	2035.6	1673.4	1399.5	1205.2	1075.5	978.8	904.3
-30°	3983.6	3193.7	2547.3	2035.6	1704.6	1434.3	1244.2	1115.6	1011.8	930.2	870.8
-32.5°	2787.1	2371.1	1943.4	1673.4	1434.3	1261.2	1135.9	1031.9	951.4	892.1	841.8
-35°	2083.2	1816.8	1580.7	1399.5	1244.2	1135.9	1038.7	964.6	905.0	854.6	813.4
-37.5°	1631.1	1458.0	1330.5	1205.2	1115.6	1031.9	964.6	909.3	861.0	822.8	786.9
-40°	1338.0	1229.3	1154.1	1075.5	1011.8	951.4	905.0	861.0	825.9	792.0	760.8
-42.5°	1146.3	1084.3	1028.7	978.8	930.2	892.1	854.6	822.8	792.0	763.3	734.7
-45°	1015.5	976.4	935.6	904.3	870.8	841.8	813.4	786.9	760.8	734.7	708.0
-47.5°	921.8	897.4	870.6	846.7	823.1	798.9	776.6	753.2	729.9	705.6	680.5
-50°	854.7	837.6	818.9	799.4	781.0	761.4	741.2	720.4	698.6	675.9	650.6
-52.5°	802.0	788.8	774.3	758.5	742.1	724.7	706.3	687.0	666.7	642.4	616.0
-55°	757.2	745.5	732.8	718.9	703.9	687.9	670.9	651.4	628.8	605.2	578.7
-57.5°	714.1	703.5	691.9	679.2	665.4	648.6	629.8	610.0	587.9	564.3	538.8
-60°	670.9	661.3	648.6	634.7	619.6	603.4	584.8	565.1	544.4	517.9	490.0
-62.5°	620.9	610.5	598.4	584.8	570.0	554.1	535.6	513.6	490.4	466.1	441.5
-65°	565.8	555.7	544.4	529.4	513.0	495.3	476.5	457.0	436.6	415.2	392.7
-67.5°	501.2	490.0	477.7	464.3	450.1	434.9	418.6	401.3	382.2	361.8	340.5
-70°	432.5	423.0	412.4	400.9	387.8	373.5	358.1	341.8	324.6	307.0	288.7
-72.5°	362.6	353.8	344.0	333.3	321.7	309.5	296.6	282.9	268.3	253.1	237.9
-75°	291.1	283.8	275.8	267.0	257.4	247.1	237.0	226.7	215.9	204.5	192.5
-77.5°	223.7	218.5	212.6	206.2	199.3	191.8	183.8	175.7	167.9	159.8	151.3
-80°	164.5	160.9	156.9	152.5	147.8	142.7	137.2	131.3	125.1	119.2	113.5
-82.5°	113.4	111.1	108.7	105.9	103.0	99.8	96.3	92.7	88.9	84.8	80.5
-85°	69.6	68.2	66.6	64.9	63.1	61.0	58.9	56.6	54.1	51.6	48.9
-87.5°	28.7	28.2	27.6	27.1	26.4	25.7	25.0	24.2	23.4	22.5	21.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P624759 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-04-E-PRO-5700K-55

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°	20.6	19.6	18.6	17.5	16.4	15.2	14.1	12.9	11.7	10.4	9.2
85°	46.1	43.2	40.1	37.0	33.8	30.5	28.1	25.8	23.3	20.8	18.3
82.5°	76.1	71.7	67.1	62.4	57.6	52.6	47.5	42.3	37.0	31.5	27.4
80°	107.6	101.4	95.0	88.4	81.6	74.7	67.9	60.9	53.8	46.6	39.3
77.5°	142.4	133.1	123.5	115.0	106.5	97.8	88.8	79.7	70.6	61.6	52.4
75°	180.0	168.7	157.1	145.3	133.0	120.7	110.0	99.0	87.8	76.5	65.5
72.5°	223.4	208.2	192.6	176.7	162.4	147.7	132.7	118.2	105.2	91.9	78.5
70°	269.6	249.8	231.1	212.7	193.7	174.7	157.6	140.2	122.4	107.2	91.9
67.5°	318.3	296.0	272.9	249.2	227.2	205.3	182.9	162.6	142.6	122.4	105.2
65°	368.0	342.4	316.1	289.7	262.5	235.9	211.1	185.8	162.6	140.2	118.2
62.5°	415.9	389.0	359.8	329.9	299.7	269.3	238.8	211.1	182.9	157.6	132.7
60°	461.4	432.5	402.6	370.4	336.9	303.1	269.3	235.9	205.3	174.7	147.7
57.5°	507.4	475.0	442.5	409.3	373.9	336.9	299.7	262.5	227.2	193.7	162.4
55°	551.2	517.9	482.0	445.9	409.3	370.4	329.9	289.7	249.2	212.7	176.7
52.5°	587.4	556.9	521.5	482.0	442.5	402.6	359.8	316.1	272.9	231.1	192.6
50°	621.4	590.3	556.9	517.9	475.0	432.5	389.0	342.4	296.0	249.8	208.2
47.5°	653.4	621.4	587.4	551.2	507.4	461.4	415.9	368.0	318.3	269.6	223.4
45°	680.5	650.6	616.0	578.7	538.8	490.0	441.5	392.7	340.5	288.7	237.9
42.5°	705.6	675.9	642.4	605.2	564.3	517.9	466.1	415.2	361.8	307.0	253.1
40°	729.9	698.6	666.7	628.8	587.9	544.4	490.4	436.6	382.2	324.6	268.3
37.5°	753.2	720.4	687.0	651.4	610.0	565.1	513.6	457.0	401.3	341.8	282.9
35°	776.6	741.2	706.3	670.9	629.8	584.8	535.6	476.5	418.6	358.1	296.6
32.5°	798.9	761.4	724.7	687.9	648.6	603.4	554.1	495.3	434.9	373.5	309.5
30°	823.1	781.0	742.1	703.9	665.4	619.6	570.0	513.0	450.1	387.8	321.7
27.5°	846.7	799.4	758.5	718.9	679.2	634.7	584.8	529.4	464.3	400.9	333.3
25°	870.6	818.9	774.3	732.8	691.9	648.6	598.4	544.4	477.7	412.4	344.0
22.5°	897.4	837.6	788.8	745.5	703.5	661.3	610.5	555.7	490.0	423.0	353.8
20°	921.8	854.7	802.0	757.2	714.1	670.9	620.9	565.8	501.2	432.5	362.6
17.5°	945.4	872.3	815.6	768.0	723.5	679.5	630.2	574.8	511.1	440.9	370.4
15°	973.9	890.0	827.9	777.4	731.7	687.0	638.3	582.7	519.7	448.3	377.2
12.5°	998.4	905.1	838.4	785.5	738.7	693.3	645.2	589.4	527.1	454.5	383.0
10°	1018.6	917.6	847.1	792.1	744.5	698.6	650.9	594.9	533.1	459.7	387.7
7.5°	1034.4	927.4	853.9	797.4	749.1	702.7	655.4	599.2	537.8	463.7	391.4
5°	1045.8	934.4	858.8	801.1	752.3	705.6	658.5	602.3	541.2	466.6	394.1
2.5°	1052.7	938.7	861.7	803.3	754.2	707.4	660.5	604.2	543.2	468.3	395.7
0°	1055.0	940.1	862.7	804.1	754.9	708.0	661.1	604.8	543.9	468.9	396.2
-2.5°	1052.7	938.7	861.7	803.3	754.2	707.4	660.5	604.2	543.2	468.3	395.7
-5°	1045.8	934.4	858.8	801.1	752.3	705.6	658.5	602.3	541.2	466.6	394.1
-7.5°	1034.4	927.4	853.9	797.4	749.1	702.7	655.4	599.2	537.8	463.7	391.4
-10°	1018.6	917.6	847.1	792.1	744.5	698.6	650.9	594.9	533.1	459.7	387.7
-12.5°	998.4	905.1	838.4	785.5	738.7	693.3	645.2	589.4	527.1	454.5	383.0
-15°	973.9	890.0	827.9	777.4	731.7	687.0	638.3	582.7	519.7	448.3	377.2
-17.5°	945.4	872.3	815.6	768.0	723.5	679.5	630.2	574.8	511.1	440.9	370.4
-20°	921.8	854.7	802.0	757.2	714.1	670.9	620.9	565.8	501.2	432.5	362.6

Classified

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

Scaled Data Report



REPORT NUMBER: P624759 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-04-E-PRO-5700K-55

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	897.4	837.6	788.8	745.5	703.5	661.3	610.5	555.7	490.0	423.0	353.8
-25°	870.6	818.9	774.3	732.8	691.9	648.6	598.4	544.4	477.7	412.4	344.0
-27.5°	846.7	799.4	758.5	718.9	679.2	634.7	584.8	529.4	464.3	400.9	333.3
-30°	823.1	781.0	742.1	703.9	665.4	619.6	570.0	513.0	450.1	387.8	321.7
-32.5°	798.9	761.4	724.7	687.9	648.6	603.4	554.1	495.3	434.9	373.5	309.5
-35°	776.6	741.2	706.3	670.9	629.8	584.8	535.6	476.5	418.6	358.1	296.6
-37.5°	753.2	720.4	687.0	651.4	610.0	565.1	513.6	457.0	401.3	341.8	282.9
-40°	729.9	698.6	666.7	628.8	587.9	544.4	490.4	436.6	382.2	324.6	268.3
-42.5°	705.6	675.9	642.4	605.2	564.3	517.9	466.1	415.2	361.8	307.0	253.1
-45°	680.5	650.6	616.0	578.7	538.8	490.0	441.5	392.7	340.5	288.7	237.9
-47.5°	653.4	621.4	587.4	551.2	507.4	461.4	415.9	368.0	318.3	269.6	223.4
-50°	621.4	590.3	556.9	517.9	475.0	432.5	389.0	342.4	296.0	249.8	208.2
-52.5°	587.4	556.9	521.5	482.0	442.5	402.6	359.8	316.1	272.9	231.1	192.6
-55°	551.2	517.9	482.0	445.9	409.3	370.4	329.9	289.7	249.2	212.7	176.7
-57.5°	507.4	475.0	442.5	409.3	373.9	336.9	299.7	262.5	227.2	193.7	162.4
-60°	461.4	432.5	402.6	370.4	336.9	303.1	269.3	235.9	205.3	174.7	147.7
-62.5°	415.9	389.0	359.8	329.9	299.7	269.3	238.8	211.1	182.9	157.6	132.7
-65°	368.0	342.4	316.1	289.7	262.5	235.9	211.1	185.8	162.6	140.2	118.2
-67.5°	318.3	296.0	272.9	249.2	227.2	205.3	182.9	162.6	142.6	122.4	105.2
-70°	269.6	249.8	231.1	212.7	193.7	174.7	157.6	140.2	122.4	107.2	91.9
-72.5°	223.4	208.2	192.6	176.7	162.4	147.7	132.7	118.2	105.2	91.9	78.5
-75°	180.0	168.7	157.1	145.3	133.0	120.7	110.0	99.0	87.8	76.5	65.5
-77.5°	142.4	133.1	123.5	115.0	106.5	97.8	88.8	79.7	70.6	61.6	52.4
-80°	107.6	101.4	95.0	88.4	81.6	74.7	67.9	60.9	53.8	46.6	39.3
-82.5°	76.1	71.7	67.1	62.4	57.6	52.6	47.5	42.3	37.0	31.5	27.4
-85°	46.1	43.2	40.1	37.0	33.8	30.5	28.1	25.8	23.3	20.8	18.3
-87.5°	20.6	19.6	18.6	17.5	16.4	15.2	14.1	12.9	11.7	10.4	9.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P624759 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-04-E-PRO-5700K-55

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°	7.9	6.6	5.3	4.0	2.7	1.3	0.0
85°	15.8	13.2	10.6	8.0	5.3	2.7	0.0
82.5°	23.6	19.8	15.8	11.9	8.0	4.0	0.0
80°	31.9	26.3	21.1	15.8	10.6	5.3	0.0
77.5°	43.2	33.8	26.3	19.8	13.2	6.6	0.0
75°	54.4	43.2	31.9	23.6	15.8	7.9	0.0
72.5°	65.5	52.4	39.3	27.4	18.3	9.2	0.0
70°	76.5	61.6	46.6	31.5	20.8	10.4	0.0
67.5°	87.8	70.6	53.8	37.0	23.3	11.7	0.0
65°	99.0	79.7	60.9	42.3	25.8	12.9	0.0
62.5°	110.0	88.8	67.9	47.5	28.1	14.1	0.0
60°	120.7	97.8	74.7	52.6	30.5	15.2	0.0
57.5°	133.0	106.5	81.6	57.6	33.8	16.4	0.0
55°	145.3	115.0	88.4	62.4	37.0	17.5	0.0
52.5°	157.1	123.5	95.0	67.1	40.1	18.6	0.0
50°	168.7	133.1	101.4	71.7	43.2	19.6	0.0
47.5°	180.0	142.4	107.6	76.1	46.1	20.6	0.0
45°	192.5	151.3	113.5	80.5	48.9	21.6	0.0
42.5°	204.5	159.8	119.2	84.8	51.6	22.5	0.0
40°	215.9	167.9	125.1	88.9	54.1	23.4	0.0
37.5°	226.7	175.7	131.3	92.7	56.6	24.2	0.0
35°	237.0	183.8	137.2	96.3	58.9	25.0	0.0
32.5°	247.1	191.8	142.7	99.8	61.0	25.7	0.0
30°	257.4	199.3	147.8	103.0	63.1	26.4	0.0
27.5°	267.0	206.2	152.5	105.9	64.9	27.1	0.0
25°	275.8	212.6	156.9	108.7	66.6	27.6	0.0
22.5°	283.8	218.5	160.9	111.1	68.2	28.2	0.0
20°	291.1	223.7	164.5	113.4	69.6	28.7	0.0
17.5°	297.5	228.4	167.7	115.4	70.9	29.1	0.0
15°	303.1	232.5	170.5	117.1	72.0	29.5	0.0
12.5°	307.9	235.9	172.8	118.5	72.9	29.8	0.0
10°	311.8	238.7	174.7	119.8	73.6	30.0	0.0
7.5°	314.9	240.9	176.3	120.7	74.2	30.2	0.0
5°	317.0	242.5	177.3	121.4	74.7	30.4	0.0
2.5°	318.4	243.5	178.0	121.8	74.9	30.5	0.0
0°	318.8	243.8	178.2	121.9	75.0	30.5	0.0
-2.5°	318.4	243.5	178.0	121.8	74.9	30.5	0.0
-5°	317.0	242.5	177.3	121.4	74.7	30.4	0.0
-7.5°	314.9	240.9	176.3	120.7	74.2	30.2	0.0
-10°	311.8	238.7	174.7	119.8	73.6	30.0	0.0
-12.5°	307.9	235.9	172.8	118.5	72.9	29.8	0.0
-15°	303.1	232.5	170.5	117.1	72.0	29.5	0.0
-17.5°	297.5	228.4	167.7	115.4	70.9	29.1	0.0
-20°	291.1	223.7	164.5	113.4	69.6	28.7	0.0

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REPORT NUMBER: P624759 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-04-E-PRO-5700K-55

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	283.8	218.5	160.9	111.1	68.2	28.2	0.0
-25°	275.8	212.6	156.9	108.7	66.6	27.6	0.0
-27.5°	267.0	206.2	152.5	105.9	64.9	27.1	0.0
-30°	257.4	199.3	147.8	103.0	63.1	26.4	0.0
-32.5°	247.1	191.8	142.7	99.8	61.0	25.7	0.0
-35°	237.0	183.8	137.2	96.3	58.9	25.0	0.0
-37.5°	226.7	175.7	131.3	92.7	56.6	24.2	0.0
-40°	215.9	167.9	125.1	88.9	54.1	23.4	0.0
-42.5°	204.5	159.8	119.2	84.8	51.6	22.5	0.0
-45°	192.5	151.3	113.5	80.5	48.9	21.6	0.0
-47.5°	180.0	142.4	107.6	76.1	46.1	20.6	0.0
-50°	168.7	133.1	101.4	71.7	43.2	19.6	0.0
-52.5°	157.1	123.5	95.0	67.1	40.1	18.6	0.0
-55°	145.3	115.0	88.4	62.4	37.0	17.5	0.0
-57.5°	133.0	106.5	81.6	57.6	33.8	16.4	0.0
-60°	120.7	97.8	74.7	52.6	30.5	15.2	0.0
-62.5°	110.0	88.8	67.9	47.5	28.1	14.1	0.0
-65°	99.0	79.7	60.9	42.3	25.8	12.9	0.0
-67.5°	87.8	70.6	53.8	37.0	23.3	11.7	0.0
-70°	76.5	61.6	46.6	31.5	20.8	10.4	0.0
-72.5°	65.5	52.4	39.3	27.4	18.3	9.2	0.0
-75°	54.4	43.2	31.9	23.6	15.8	7.9	0.0
-77.5°	43.2	33.8	26.3	19.8	13.2	6.6	0.0
-80°	31.9	26.3	21.1	15.8	10.6	5.3	0.0
-82.5°	23.6	19.8	15.8	11.9	8.0	4.0	0.0
-85°	15.8	13.2	10.6	8.0	5.3	2.7	0.0
-87.5°	7.9	6.6	5.3	4.0	2.7	1.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)