

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: P624797 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-VN-08-E-PRO-5700K-11**

Issue Date: 11/8/2022



Test Information

Test Method: LM-79-08
Report Number: P624797 (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-08-E-PRO-5700K-11
Description: EPHESUS LUMAVISION CCT TUNING FLOOD
3000K AND TYPE 11 OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 26178.6 lumens
Efficiency: N/A
Efficacy: 69.3 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')

NEMA Type: 1H x 1V
Max Intensity: 785686.9 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 8.3°H x 8.9°V
Beam Lumens: 11775.3 lumens
Beam Efficiency: 45.0%

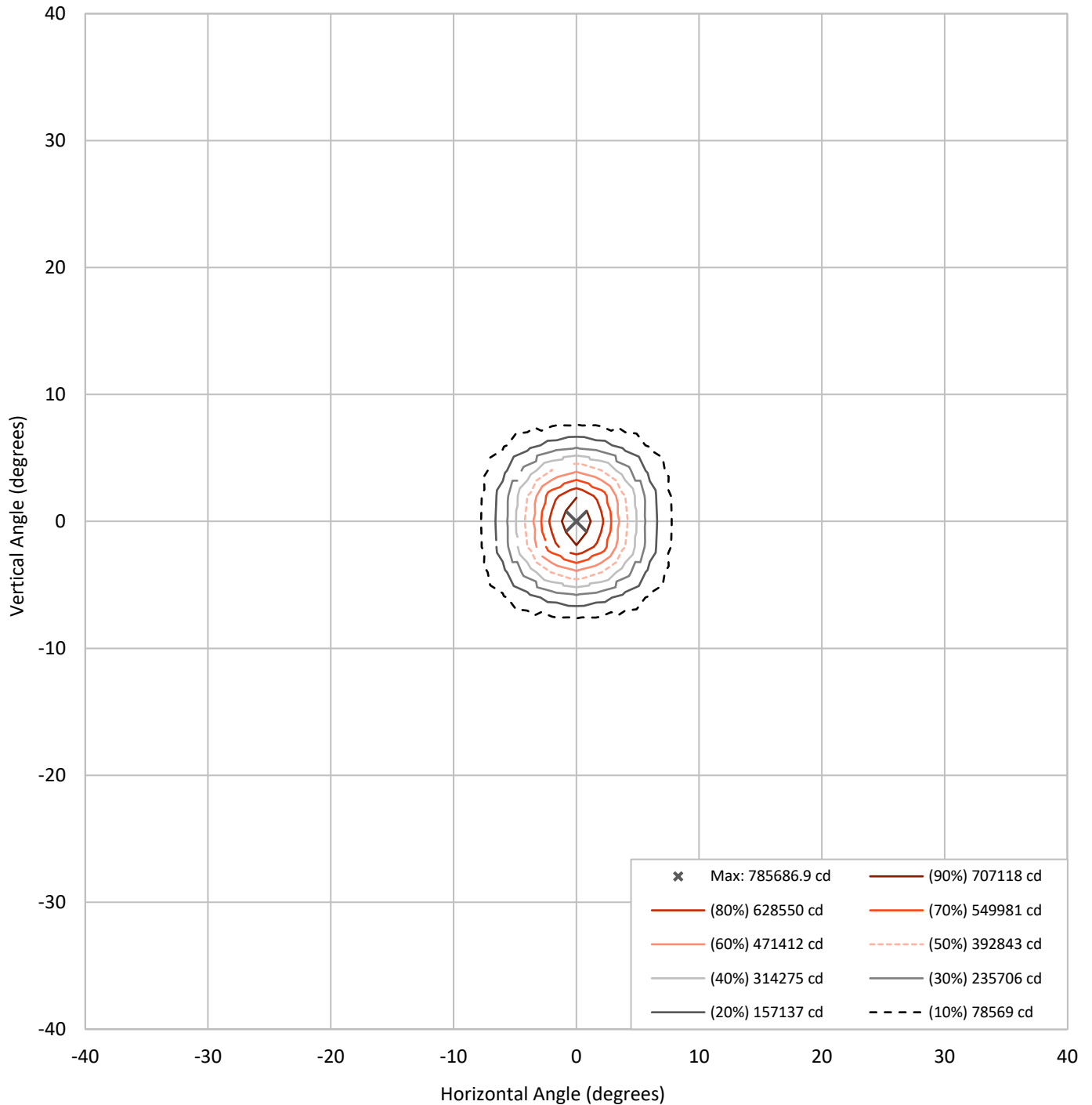
Field Angle (10%): 14.9°H x 14.6°V
Field Lumens: 18574.7 lumens
Field Efficiency: 71.0%

Input Watts (W): 378
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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CATALOG NUMBER: EPH-VN-08-E-PRO-5700K-11

Iso-Candela Plot





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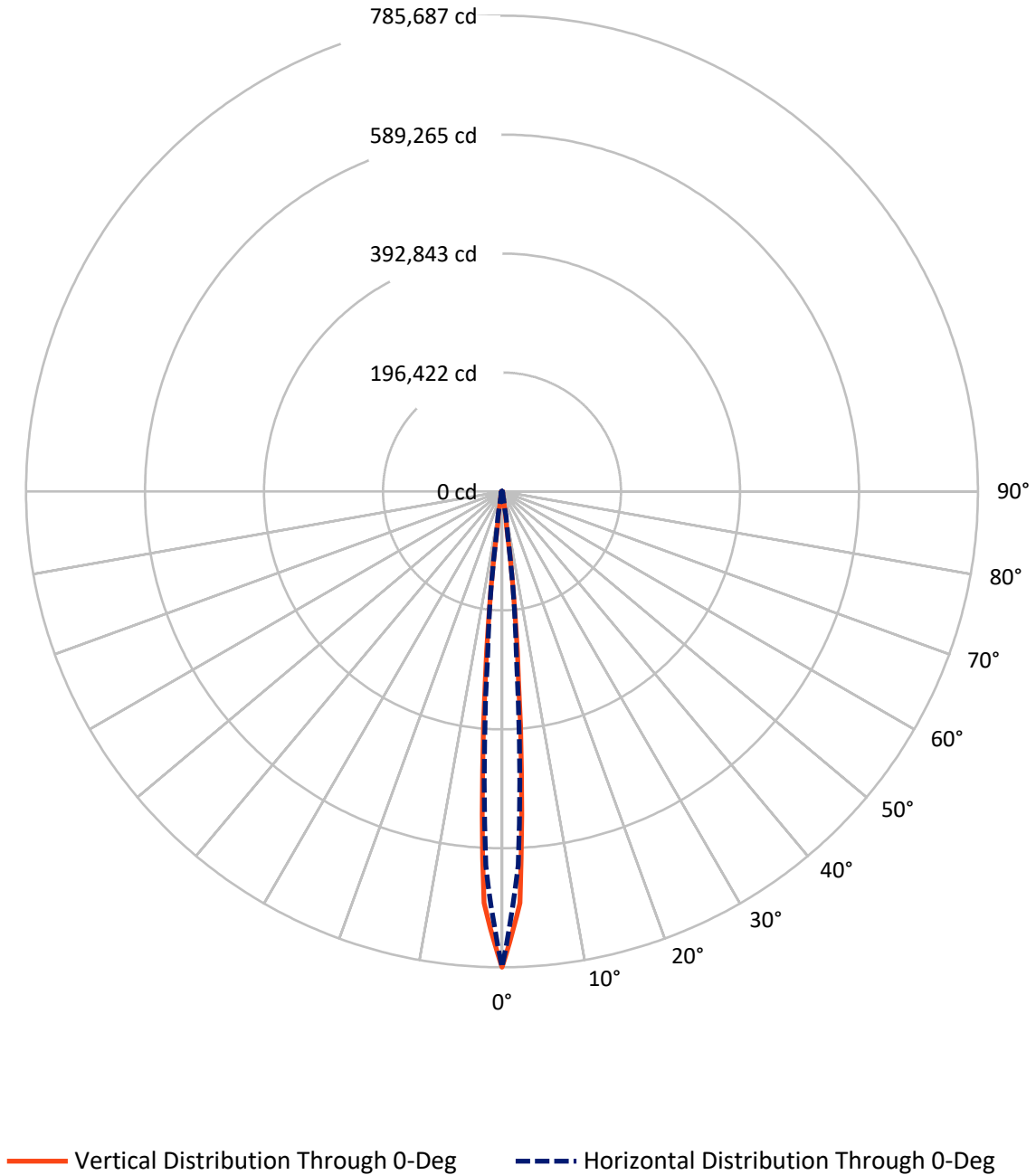
CATALOG NUMBER: EPH-VN-08-E-PRO-5700K-11

Lumen Table

90	0.1	1.0	3.6	8.1	14.2	8.1	3.6	1.0	0.1										
80	0.1	1.0	3.6	8.1	14.2	8.1	3.6	1.0	0.1										
70	0.6	0.7	1.8	3.6	5.6	7.0	11.4	21.0	21.0	11.4	7.0	5.6	3.6	1.8	0.7	0.6			
60		1.3	3.2	6.7	10.4	13.6	18.1	25.6	25.6	18.1	13.6	10.4	6.7	3.2	1.3				
50	1.8	2.4	5.0	10.2	17.0	25.2	32.8	40.3	40.3	32.8	25.2	17.0	10.2	5.0	2.4	1.8			
40		3.7	7.0	14.6	26.4	35.4	39.3	41.8	41.8	39.3	35.4	26.4	14.6	7.0	3.7				
30	3.6	5.4	9.6	20.6	32.4	37.1	49.2	65.4	65.4	49.2	37.1	32.4	20.6	9.6	5.4	3.6			
20		7.3	13.6	27.1	35.6	47.7	95.6	183.8	183.8	95.6	47.7	35.6	27.1	13.6	7.3				
10	4.1	8.2	16.5	30.6	37.3	62.8	190.5	5109.5	5109.5	190.5	62.8	37.3	30.6	16.5	8.2	4.1			
0		8.2	16.5	30.6	37.3	62.8	190.5	5109.5	5109.5	190.5	62.8	37.3	30.6	16.5	8.2				
-10	3.6	7.3	13.6	27.1	35.6	47.7	95.6	183.8	183.8	95.6	47.7	35.6	27.1	13.6	7.3	3.6			
-20		5.4	9.6	20.6	32.4	37.1	49.2	65.4	65.4	49.2	37.1	32.4	20.6	9.6	5.4				
-30	1.8	3.7	7.0	14.6	26.4	35.4	39.3	41.8	41.8	39.3	35.4	26.4	14.6	7.0	3.7	1.8			
-40		2.4	5.0	10.2	17.0	25.2	32.8	40.3	40.3	32.8	25.2	17.0	10.2	5.0	2.4				
-50	0.6	1.3	3.2	6.7	10.4	13.6	18.1	25.6	25.6	18.1	13.6	10.4	6.7	3.2	1.3	0.6			
-60		0.7	1.8	3.6	5.6	7.0	11.4	21.0	21.0	11.4	7.0	5.6	3.6	1.8	0.7				
-70	0.1	1.0	3.6	8.1	14.2	8.1	3.6	1.0	0.1						0.1				
-80		1.0	3.6	8.1	14.2	8.1	3.6	1.0	0.1										
-90	0.1	1.0	3.6	8.1	14.2	8.1	3.6	1.0	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

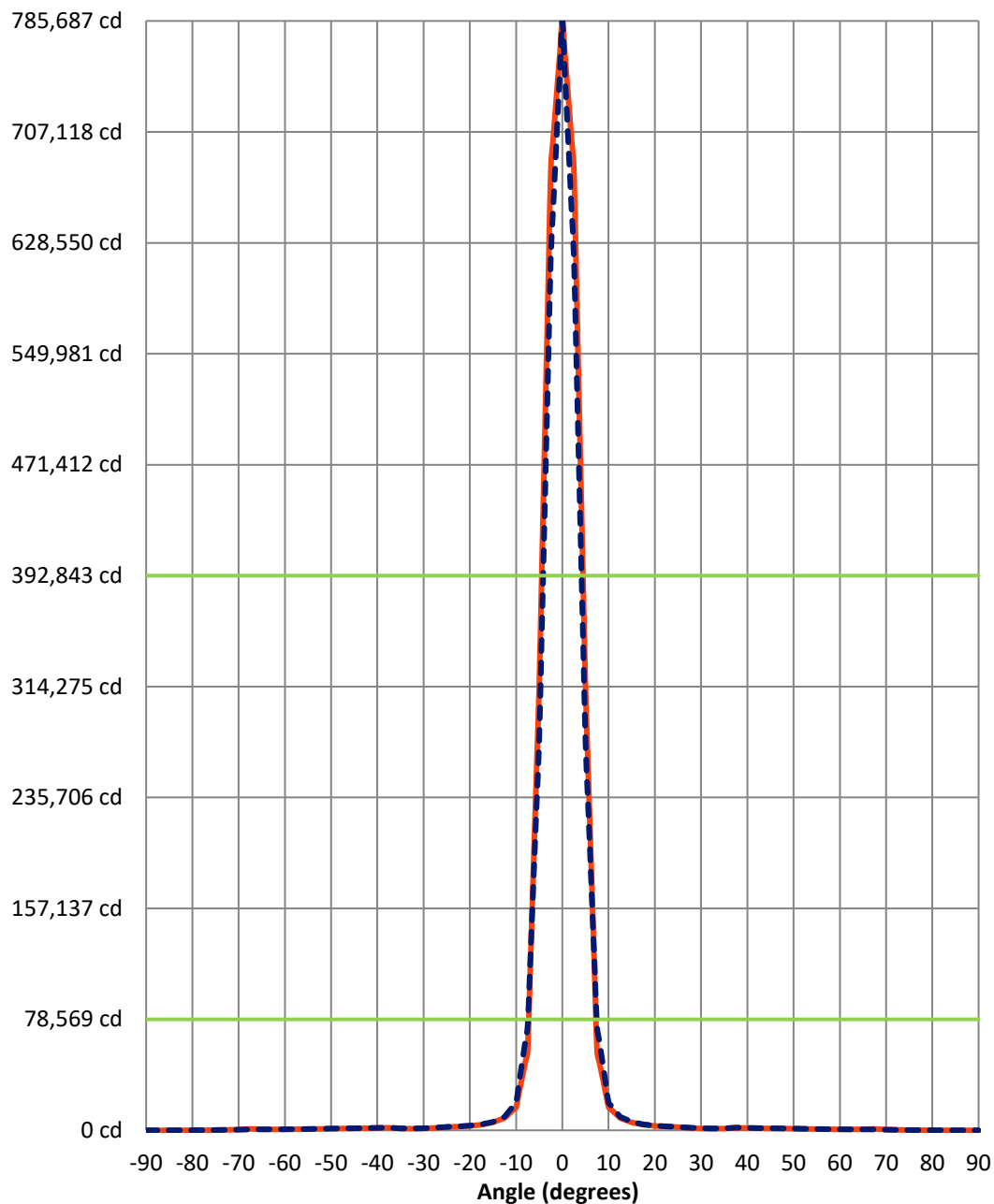
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 8.3°
 V Angle: 8.9°
 Lumens: 11775.3
 Efficiency: 45.0%

Field:
 H Angle: 14.9°
 V Angle: 14.6°
 Lumens: 18574.7
 Efficiency: 71.0%

Spill:
 Lumens: 7603.9
 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	0.3	0.6	0.9	1.2	1.5	1.8	2.0	2.3	2.6	2.9
85°	0.0	0.6	1.2	1.8	2.4	2.9	3.5	4.1	4.6	5.2	5.7
82.5°	0.0	0.9	1.8	2.7	3.5	4.4	5.3	6.1	6.8	6.8	6.8
80°	0.0	1.2	2.4	3.5	4.7	5.9	6.8	6.8	6.8	6.8	6.8
77.5°	0.0	1.5	2.9	4.4	5.9	6.8	6.8	6.8	6.8	6.8	8.8
75°	0.0	1.8	3.5	5.3	6.8	6.8	6.8	6.8	7.4	12.4	17.3
72.5°	0.0	2.0	4.1	6.1	6.8	6.8	6.8	8.3	14.2	20.0	25.8
70°	0.0	2.3	4.6	6.8	6.8	6.8	7.5	14.2	21.0	27.6	32.4
67.5°	0.0	2.6	5.2	6.8	6.8	6.8	12.6	20.0	27.6	34.5	39.0
65°	0.0	2.9	5.7	6.8	6.8	9.1	17.8	25.8	34.8	41.7	47.5
62.5°	0.0	3.1	6.3	6.8	6.8	13.6	23.0	32.5	42.3	50.1	60.0
60°	0.0	3.4	6.8	6.8	6.8	18.2	28.2	39.8	49.9	62.6	73.0
57.5°	0.0	3.7	6.8	6.8	10.3	22.6	35.3	47.3	61.0	75.3	87.9
55°	0.0	3.9	6.8	6.8	14.0	27.1	42.8	55.4	73.0	88.7	104.1
52.5°	0.0	4.1	6.8	6.8	17.6	31.9	50.5	67.1	85.2	104.1	120.5
50°	0.0	4.4	6.8	6.8	21.2	38.7	58.3	79.7	98.1	119.6	139.6
47.5°	0.0	4.6	6.8	7.4	24.7	45.5	66.8	92.8	112.3	135.4	159.7
45°	0.0	4.8	6.8	10.0	28.1	52.4	78.7	106.5	129.2	154.6	180.8
42.5°	0.0	5.0	6.8	12.5	31.5	59.2	90.7	121.4	147.0	174.4	205.9
40°	0.0	5.2	6.8	14.9	35.8	66.1	103.0	137.4	166.5	195.4	232.5
37.5°	0.0	5.4	6.8	17.1	41.1	72.9	115.4	153.7	188.7	221.9	260.1
35°	0.0	5.6	6.8	19.3	46.3	81.8	128.0	170.3	211.4	251.9	286.7
32.5°	0.0	5.7	6.8	21.3	51.3	91.6	140.9	187.2	234.5	282.7	319.6
30°	0.0	5.9	6.8	23.1	56.2	101.3	154.5	204.9	258.0	314.2	357.1
27.5°	0.0	6.0	6.8	24.9	59.8	110.8	168.1	224.1	282.7	346.3	398.8
25°	0.0	6.2	6.8	26.5	62.8	120.1	181.4	243.2	309.3	380.5	444.0
22.5°	0.0	6.3	6.8	27.9	65.3	127.5	194.5	262.1	335.8	417.3	481.2
20°	0.0	6.4	6.8	29.2	67.3	130.1	207.4	280.6	362.0	455.8	518.0
17.5°	0.0	6.5	6.8	30.4	68.9	131.6	213.9	298.6	387.7	495.5	554.5
15°	0.0	6.6	6.8	31.4	70.0	132.0	216.3	311.2	412.8	535.8	590.5
12.5°	0.0	6.6	6.8	32.2	70.6	131.4	217.9	316.8	428.2	576.2	626.0
10°	0.0	6.7	6.8	32.9	70.9	129.9	218.6	321.6	435.3	591.4	650.7
7.5°	0.0	6.7	6.8	33.5	70.8	127.5	218.5	325.3	440.5	600.3	653.5
5°	0.0	6.8	6.8	33.9	70.3	124.5	217.5	327.8	443.9	606.3	655.6
2.5°	0.0	6.8	6.8	34.1	69.6	120.7	215.4	329.0	445.4	609.3	656.9
0°	0.0	6.8	6.8	34.2	68.5	116.4	212.3	328.7	445.1	609.4	657.4
-2.5°	0.0	6.8	6.8	34.1	69.6	120.7	215.4	329.0	445.4	609.3	656.9
-5°	0.0	6.8	6.8	33.9	70.3	124.5	217.5	327.8	443.9	606.3	655.6
-7.5°	0.0	6.7	6.8	33.5	70.8	127.5	218.5	325.3	440.5	600.3	653.5
-10°	0.0	6.7	6.8	32.9	70.9	129.9	218.6	321.6	435.3	591.4	650.7
-12.5°	0.0	6.6	6.8	32.2	70.6	131.4	217.9	316.8	428.2	576.2	626.0
-15°	0.0	6.6	6.8	31.4	70.0	132.0	216.3	311.2	412.8	535.8	590.5
-17.5°	0.0	6.5	6.8	30.4	68.9	131.6	213.9	298.6	387.7	495.5	554.5
-20°	0.0	6.4	6.8	29.2	67.3	130.1	207.4	280.6	362.0	455.8	518.0

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CATALOG NUMBER: EPH-VN-08-E-PRO-5700K-11

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.3	6.8	27.9	65.3	127.5	194.5	262.1	335.8	417.3	481.2
-25°	0.0	6.2	6.8	26.5	62.8	120.1	181.4	243.2	309.3	380.5	444.0
-27.5°	0.0	6.0	6.8	24.9	59.8	110.8	168.1	224.1	282.7	346.3	398.8
-30°	0.0	5.9	6.8	23.1	56.2	101.3	154.5	204.9	258.0	314.2	357.1
-32.5°	0.0	5.7	6.8	21.3	51.3	91.6	140.9	187.2	234.5	282.7	319.6
-35°	0.0	5.6	6.8	19.3	46.3	81.8	128.0	170.3	211.4	251.9	286.7
-37.5°	0.0	5.4	6.8	17.1	41.1	72.9	115.4	153.7	188.7	221.9	260.1
-40°	0.0	5.2	6.8	14.9	35.8	66.1	103.0	137.4	166.5	195.4	232.5
-42.5°	0.0	5.0	6.8	12.5	31.5	59.2	90.7	121.4	147.0	174.4	205.9
-45°	0.0	4.8	6.8	10.0	28.1	52.4	78.7	106.5	129.2	154.6	180.8
-47.5°	0.0	4.6	6.8	7.4	24.7	45.5	66.8	92.8	112.3	135.4	159.7
-50°	0.0	4.4	6.8	6.8	21.2	38.7	58.3	79.7	98.1	119.6	139.6
-52.5°	0.0	4.1	6.8	6.8	17.6	31.9	50.5	67.1	85.2	104.1	120.5
-55°	0.0	3.9	6.8	6.8	14.0	27.1	42.8	55.4	73.0	88.7	104.1
-57.5°	0.0	3.7	6.8	6.8	10.3	22.6	35.3	47.3	61.0	75.3	87.9
-60°	0.0	3.4	6.8	6.8	6.8	18.2	28.2	39.8	49.9	62.6	73.0
-62.5°	0.0	3.1	6.3	6.8	6.8	13.6	23.0	32.5	42.3	50.1	60.0
-65°	0.0	2.9	5.7	6.8	6.8	9.1	17.8	25.8	34.8	41.7	47.5
-67.5°	0.0	2.6	5.2	6.8	6.8	6.8	12.6	20.0	27.6	34.5	39.0
-70°	0.0	2.3	4.6	6.8	6.8	6.8	7.5	14.2	21.0	27.6	32.4
-72.5°	0.0	2.0	4.1	6.1	6.8	6.8	6.8	8.3	14.2	20.0	25.8
-75°	0.0	1.8	3.5	5.3	6.8	6.8	6.8	6.8	7.4	12.4	17.3
-77.5°	0.0	1.5	2.9	4.4	5.9	6.8	6.8	6.8	6.8	6.8	8.8
-80°	0.0	1.2	2.4	3.5	4.7	5.9	6.8	6.8	6.8	6.8	6.8
-82.5°	0.0	0.9	1.8	2.7	3.5	4.4	5.3	6.1	6.8	6.8	6.8
-85°	0.0	0.6	1.2	1.8	2.4	2.9	3.5	4.1	4.6	5.2	5.7
-87.5°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.0	2.3	2.6	2.9
-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°	3.1	3.4	3.7	3.9	4.1	4.4	4.6	4.8	3.8	2.6	1.4
85°	6.3	6.8	6.8	6.8	6.8	6.8	6.8	6.8	5.9	5.2	4.7
82.5°	6.8	6.8	6.8	6.8	6.8	6.8	7.1	8.4	9.7	10.8	12.0
80°	6.8	6.8	9.0	10.8	12.7	14.5	16.3	18.1	19.7	21.9	24.3
77.5°	12.5	15.3	17.4	18.9	21.3	25.9	30.5	34.8	38.1	40.5	42.2
75°	21.3	24.1	27.3	32.0	37.7	43.3	48.7	54.0	58.7	64.1	70.3
72.5°	29.4	33.5	39.1	46.3	55.2	62.4	68.6	73.7	83.4	95.5	105.0
70°	36.3	42.3	52.5	64.2	75.1	83.4	95.4	110.5	126.4	135.6	141.3
67.5°	43.5	55.4	68.1	81.8	95.6	109.4	126.8	143.8	159.4	166.8	173.6
65°	55.1	68.6	83.9	99.5	114.9	133.6	152.2	170.4	186.5	195.7	205.6
62.5°	67.0	83.0	100.1	117.6	136.9	157.1	177.4	195.2	210.3	226.9	245.9
60°	82.5	97.7	116.6	136.9	158.8	182.8	203.3	226.1	245.3	262.7	292.7
57.5°	98.9	112.2	133.1	156.4	182.8	211.7	242.1	266.0	289.7	314.8	344.9
55°	116.2	126.1	149.9	177.2	209.7	252.6	285.2	312.6	340.3	362.7	389.1
52.5°	135.1	143.3	167.6	200.1	242.8	288.5	328.0	356.8	382.3	406.8	432.5
50°	155.2	167.2	185.4	226.9	272.2	319.7	367.3	396.0	424.7	451.4	478.8
47.5°	179.2	193.0	206.8	250.8	297.9	347.3	396.4	436.9	468.2	501.5	533.8
45°	205.5	222.1	236.8	271.6	321.3	372.7	426.5	478.8	516.7	556.8	609.1
42.5°	233.4	251.7	268.4	290.0	343.5	398.8	455.9	516.6	569.5	626.3	691.8
40°	260.4	280.9	299.1	321.0	365.1	424.5	488.2	554.6	632.1	706.4	783.6
37.5°	286.8	308.4	329.5	355.8	387.2	451.7	519.8	602.9	696.8	794.3	904.6
35°	312.8	335.1	360.7	390.4	424.7	479.9	562.2	656.0	768.7	900.0	1007.4
32.5°	337.2	360.9	390.8	424.0	466.6	519.9	603.7	720.6	854.7	991.3	1079.0
30°	367.5	387.5	419.8	455.4	507.6	576.5	661.7	787.0	943.7	1050.7	1130.3
27.5°	408.7	414.4	447.7	490.2	549.8	632.5	739.4	869.4	1006.4	1105.0	1175.0
25°	449.7	458.6	473.6	525.3	599.8	698.1	820.8	974.0	1062.8	1146.0	1219.9
22.5°	490.2	501.1	520.6	558.7	648.6	765.4	914.4	1057.8	1147.2	1197.1	1264.7
20°	529.6	544.7	572.3	619.5	700.0	830.1	1005.6	1140.1	1229.9	1280.0	1326.8
17.5°	567.8	588.1	625.4	685.0	776.9	908.5	1091.2	1224.0	1317.9	1352.2	1407.8
15°	604.8	631.2	677.4	746.9	850.8	996.6	1162.2	1297.1	1394.2	1418.1	1482.7
12.5°	640.7	673.8	728.0	805.3	919.9	1073.8	1223.3	1344.4	1429.8	1482.3	1554.2
10°	675.6	715.8	777.1	860.3	984.1	1140.7	1274.4	1380.3	1457.4	1530.7	1619.9
7.5°	680.6	736.8	817.3	911.9	1043.4	1198.3	1316.7	1406.5	1488.4	1577.7	1691.3
5°	680.3	734.9	816.5	920.7	1065.6	1231.8	1345.3	1424.5	1520.4	1622.0	1763.9
2.5°	679.4	731.1	813.4	920.7	1062.6	1235.1	1342.5	1425.9	1534.3	1681.1	1834.3
0°	677.9	725.8	808.0	917.6	1054.5	1232.5	1335.2	1424.3	1540.7	1746.1	1896.7
-2.5°	679.4	731.1	813.4	920.7	1062.6	1235.1	1342.5	1425.9	1534.3	1681.1	1834.3
-5°	680.3	734.9	816.5	920.7	1065.6	1231.8	1345.3	1424.5	1520.4	1622.0	1763.9
-7.5°	680.6	736.8	817.3	911.9	1043.4	1198.3	1316.7	1406.5	1488.4	1577.7	1691.3
-10°	675.6	715.8	777.1	860.3	984.1	1140.7	1274.4	1380.3	1457.4	1530.7	1619.9
-12.5°	640.7	673.8	728.0	805.3	919.9	1073.8	1223.3	1344.4	1429.8	1482.3	1554.2
-15°	604.8	631.2	677.4	746.9	850.8	996.6	1162.2	1297.1	1394.2	1418.1	1482.7
-17.5°	567.8	588.1	625.4	685.0	776.9	908.5	1091.2	1224.0	1317.9	1352.2	1407.8
-20°	529.6	544.7	572.3	619.5	700.0	830.1	1005.6	1140.1	1229.9	1280.0	1326.8

Classified

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

Scaled Data Report



REPORT NUMBER: P624797 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-5700K-11

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	490.2	501.1	520.6	558.7	648.6	765.4	914.4	1057.8	1147.2	1197.1	1264.7
-25°	449.7	458.6	473.6	525.3	599.8	698.1	820.8	974.0	1062.8	1146.0	1219.9
-27.5°	408.7	414.4	447.7	490.2	549.8	632.5	739.4	869.4	1006.4	1105.0	1175.0
-30°	367.5	387.5	419.8	455.4	507.6	576.5	661.7	787.0	943.7	1050.7	1130.3
-32.5°	337.2	360.9	390.8	424.0	466.6	519.9	603.7	720.6	854.7	991.3	1079.0
-35°	312.8	335.1	360.7	390.4	424.7	479.9	562.2	656.0	768.7	900.0	1007.4
-37.5°	286.8	308.4	329.5	355.8	387.2	451.7	519.8	602.9	696.8	794.3	904.6
-40°	260.4	280.9	299.1	321.0	365.1	424.5	488.2	554.6	632.1	706.4	783.6
-42.5°	233.4	251.7	268.4	290.0	343.5	398.8	455.9	516.6	569.5	626.3	691.8
-45°	205.5	222.1	236.8	271.6	321.3	372.7	426.5	478.8	516.7	556.8	609.1
-47.5°	179.2	193.0	206.8	250.8	297.9	347.3	396.4	436.9	468.2	501.5	533.8
-50°	155.2	167.2	185.4	226.9	272.2	319.7	367.3	396.0	424.7	451.4	478.8
-52.5°	135.1	143.3	167.6	200.1	242.8	288.5	328.0	356.8	382.3	406.8	432.5
-55°	116.2	126.1	149.9	177.2	209.7	252.6	285.2	312.6	340.3	362.7	389.1
-57.5°	98.9	112.2	133.1	156.4	182.8	211.7	242.1	266.0	289.7	314.8	344.9
-60°	82.5	97.7	116.6	136.9	158.8	182.8	203.3	226.1	245.3	262.7	292.7
-62.5°	67.0	83.0	100.1	117.6	136.9	157.1	177.4	195.2	210.3	226.9	245.9
-65°	55.1	68.6	83.9	99.5	114.9	133.6	152.2	170.4	186.5	195.7	205.6
-67.5°	43.5	55.4	68.1	81.8	95.6	109.4	126.8	143.8	159.4	166.8	173.6
-70°	36.3	42.3	52.5	64.2	75.1	83.4	95.4	110.5	126.4	135.6	141.3
-72.5°	29.4	33.5	39.1	46.3	55.2	62.4	68.6	73.7	83.4	95.5	105.0
-75°	21.3	24.1	27.3	32.0	37.7	43.3	48.7	54.0	58.7	64.1	70.3
-77.5°	12.5	15.3	17.4	18.9	21.3	25.9	30.5	34.8	38.1	40.5	42.2
-80°	6.8	6.8	9.0	10.8	12.7	14.5	16.3	18.1	19.7	21.9	24.3
-82.5°	6.8	6.8	6.8	6.8	6.8	6.8	7.1	8.4	9.7	10.8	12.0
-85°	6.3	6.8	6.8	6.8	6.8	6.8	6.8	6.8	5.9	5.2	4.7
-87.5°	3.1	3.4	3.7	3.9	4.1	4.4	4.6	4.8	3.8	2.6	1.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P624797 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-5700K-11

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	4.4	4.7	5.0	5.3	5.5	5.8	6.0	6.2	6.3	6.5	6.6
82.5°	13.0	13.2	13.0	12.6	11.8	13.3	15.1	17.0	19.0	19.5	19.9
80°	26.2	27.2	28.3	29.5	30.8	35.2	40.1	45.0	49.8	51.5	52.7
77.5°	45.0	49.1	52.4	54.6	55.9	63.2	72.8	82.9	93.3	99.6	105.0
75°	77.4	81.8	83.5	84.3	84.4	96.8	116.2	137.0	158.9	169.9	177.4
72.5°	112.1	115.7	116.9	117.1	116.3	134.4	168.9	206.6	246.7	269.0	283.9
70°	146.4	150.1	150.7	150.6	150.1	171.3	220.3	271.3	323.7	376.3	432.8
67.5°	181.1	188.5	190.2	190.3	190.2	206.1	256.1	302.2	345.0	441.8	596.6
65°	218.7	236.3	240.9	241.4	238.7	243.5	286.3	324.8	359.7	430.6	536.8
62.5°	267.2	290.9	298.9	299.4	297.8	294.0	329.4	362.4	392.8	438.2	510.4
60°	320.4	345.7	357.4	357.3	355.9	353.0	378.4	409.6	439.0	476.4	545.3
57.5°	370.2	394.3	412.8	414.1	413.9	412.1	432.1	467.6	502.0	539.2	613.2
55°	416.2	442.2	466.9	474.2	479.3	482.4	499.1	546.4	592.5	636.9	711.4
52.5°	461.5	494.2	525.8	544.7	561.4	576.3	594.2	652.7	709.6	763.3	835.1
50°	515.7	555.2	600.3	636.3	663.9	691.4	716.0	782.5	860.6	935.9	1011.4
47.5°	584.0	635.2	690.5	744.9	786.8	838.1	884.5	953.2	1029.7	1108.8	1177.5
45°	664.5	729.5	797.3	879.6	948.2	984.2	1013.5	1059.5	1142.3	1223.7	1290.2
42.5°	758.3	847.3	941.4	1005.3	1053.9	1084.7	1106.0	1125.4	1213.1	1289.1	1349.8
40°	884.4	977.6	1041.1	1095.3	1131.6	1159.9	1189.6	1222.2	1282.6	1352.0	1419.0
37.5°	999.3	1065.9	1121.4	1165.6	1202.4	1233.9	1273.2	1310.2	1359.0	1443.4	1502.6
35°	1079.5	1136.8	1191.7	1237.9	1279.5	1315.5	1365.7	1439.9	1506.0	1442.0	1349.1
32.5°	1140.0	1196.8	1256.1	1324.4	1376.0	1442.0	1514.6	1373.9	1229.4	1170.8	1180.9
30°	1190.8	1251.0	1325.5	1417.3	1507.5	1453.9	1255.0	1182.5	1194.5	1222.9	1287.1
27.5°	1238.7	1304.7	1393.4	1520.1	1427.5	1206.2	1203.2	1227.0	1322.9	1409.8	1551.4
25°	1289.8	1360.7	1492.6	1422.1	1221.5	1222.4	1286.3	1391.0	1590.8	1783.0	1973.2
22.5°	1345.8	1460.1	1468.6	1225.0	1230.7	1313.9	1457.2	1711.8	1976.5	2248.9	2440.4
20°	1410.9	1555.9	1307.7	1239.5	1308.2	1470.4	1762.3	2091.2	2406.0	2601.2	2771.6
17.5°	1505.2	1438.2	1255.1	1278.6	1431.7	1737.8	2106.5	2454.8	2699.7	3005.4	3281.2
15°	1586.1	1326.3	1272.6	1387.9	1644.9	2017.8	2436.7	2714.7	3107.0	3559.3	4084.2
12.5°	1536.6	1283.6	1307.6	1488.6	1845.8	2295.6	2643.8	3044.3	3579.8	4252.9	5313.6
10°	1470.5	1299.7	1388.5	1646.1	2048.1	2495.2	2840.5	3353.3	4109.4	5328.1	7271.5
7.5°	1424.7	1305.5	1439.7	1765.3	2218.0	2618.8	3057.8	3727.1	4786.7	6602.9	9613.8
5°	1386.4	1302.2	1457.0	1824.2	2321.8	2702.2	3209.6	4017.0	5440.2	8190.1	15240.0
2.5°	1365.0	1296.0	1457.1	1852.1	2379.4	2748.8	3287.5	4155.7	5815.2	9224.1	18781.9
0°	1369.5	1294.2	1451.7	1862.5	2403.4	2773.2	3321.0	4218.0	5977.8	9634.3	19679.5
-2.5°	1365.0	1296.0	1457.1	1852.1	2379.4	2748.8	3287.5	4155.7	5815.2	9224.1	18781.9
-5°	1386.4	1302.2	1457.0	1824.2	2321.8	2702.2	3209.6	4017.0	5440.2	8190.1	15240.0
-7.5°	1424.7	1305.5	1439.7	1765.3	2218.0	2618.8	3057.8	3727.1	4786.7	6602.9	9613.8
-10°	1470.5	1299.7	1388.5	1646.1	2048.1	2495.2	2840.5	3353.3	4109.4	5328.1	7271.5
-12.5°	1536.6	1283.6	1307.6	1488.6	1845.8	2295.6	2643.8	3044.3	3579.8	4252.9	5313.6
-15°	1586.1	1326.3	1272.6	1387.9	1644.9	2017.8	2436.7	2714.7	3107.0	3559.3	4084.2
-17.5°	1505.2	1438.2	1255.1	1278.6	1431.7	1737.8	2106.5	2454.8	2699.7	3005.4	3281.2
-20°	1410.9	1555.9	1307.7	1239.5	1308.2	1470.4	1762.3	2091.2	2406.0	2601.2	2771.6

Classified

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

Scaled Data Report



REPORT NUMBER: P624797 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-5700K-11

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1345.8	1460.1	1468.6	1225.0	1230.7	1313.9	1457.2	1711.8	1976.5	2248.9	2440.4
-25°	1289.8	1360.7	1492.6	1422.1	1221.5	1222.4	1286.3	1391.0	1590.8	1783.0	1973.2
-27.5°	1238.7	1304.7	1393.4	1520.1	1427.5	1206.2	1203.2	1227.0	1322.9	1409.8	1551.4
-30°	1190.8	1251.0	1325.5	1417.3	1507.5	1453.9	1255.0	1182.5	1194.5	1222.9	1287.1
-32.5°	1140.0	1196.8	1256.1	1324.4	1376.0	1442.0	1514.6	1373.9	1229.4	1170.8	1180.9
-35°	1079.5	1136.8	1191.7	1237.9	1279.5	1315.5	1365.7	1439.9	1506.0	1442.0	1349.1
-37.5°	999.3	1065.9	1121.4	1165.6	1202.4	1233.9	1273.2	1310.2	1359.0	1443.4	1502.6
-40°	884.4	977.6	1041.1	1095.3	1131.6	1159.9	1189.6	1222.2	1282.6	1352.0	1419.0
-42.5°	758.3	847.3	941.4	1005.3	1053.9	1084.7	1106.0	1125.4	1213.1	1289.1	1349.8
-45°	664.5	729.5	797.3	879.6	948.2	984.2	1013.5	1059.5	1142.3	1223.7	1290.2
-47.5°	584.0	635.2	690.5	744.9	786.8	838.1	884.5	953.2	1029.7	1108.8	1177.5
-50°	515.7	555.2	600.3	636.3	663.9	691.4	716.0	782.5	860.6	935.9	1011.4
-52.5°	461.5	494.2	525.8	544.7	561.4	576.3	594.2	652.7	709.6	763.3	835.1
-55°	416.2	442.2	466.9	474.2	479.3	482.4	499.1	546.4	592.5	636.9	711.4
-57.5°	370.2	394.3	412.8	414.1	413.9	412.1	432.1	467.6	502.0	539.2	613.2
-60°	320.4	345.7	357.4	357.3	355.9	353.0	378.4	409.6	439.0	476.4	545.3
-62.5°	267.2	290.9	298.9	299.4	297.8	294.0	329.4	362.4	392.8	438.2	510.4
-65°	218.7	236.3	240.9	241.4	238.7	243.5	286.3	324.8	359.7	430.6	536.8
-67.5°	181.1	188.5	190.2	190.3	190.2	206.1	256.1	302.2	345.0	441.8	596.6
-70°	146.4	150.1	150.7	150.6	150.1	171.3	220.3	271.3	323.7	376.3	432.8
-72.5°	112.1	115.7	116.9	117.1	116.3	134.4	168.9	206.6	246.7	269.0	283.9
-75°	77.4	81.8	83.5	84.3	84.4	96.8	116.2	137.0	158.9	169.9	177.4
-77.5°	45.0	49.1	52.4	54.6	55.9	63.2	72.8	82.9	93.3	99.6	105.0
-80°	26.2	27.2	28.3	29.5	30.8	35.2	40.1	45.0	49.8	51.5	52.7
-82.5°	13.0	13.2	13.0	12.6	11.8	13.3	15.1	17.0	19.0	19.5	19.9
-85°	4.4	4.7	5.0	5.3	5.5	5.8	6.0	6.2	6.3	6.5	6.6
-87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P624797 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-5700K-11

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	6.7	6.7	6.8	6.8	6.8	6.7	6.7	6.6	6.5	6.3	6.2
82.5°	20.1	20.3	20.5	20.5	20.5	20.3	20.1	19.9	19.5	19.0	17.0
80°	53.6	54.3	54.7	54.8	54.7	54.3	53.6	52.7	51.5	49.8	45.0
77.5°	110.2	115.0	109.5	102.7	109.5	115.0	110.2	105.0	99.6	93.3	82.9
75°	184.0	189.7	181.4	171.2	181.4	189.7	184.0	177.4	169.9	158.9	137.0
72.5°	297.9	310.8	310.8	308.1	310.8	310.8	297.9	283.9	269.0	246.7	206.6
70°	492.8	553.9	550.4	534.1	550.4	553.9	492.8	432.8	376.3	323.7	271.3
67.5°	764.6	939.7	997.1	1027.1	997.1	939.7	764.6	596.6	441.8	345.0	302.2
65°	633.2	724.2	753.7	773.8	753.7	724.2	633.2	536.8	430.6	359.7	324.8
62.5°	576.8	639.6	651.6	650.5	651.6	639.6	576.8	510.4	438.2	392.8	362.4
60°	612.9	679.1	689.2	677.9	689.2	679.1	612.9	545.3	476.4	439.0	409.6
57.5°	685.5	755.8	773.8	766.9	773.8	755.8	685.5	613.2	539.2	502.0	467.6
55°	782.6	849.4	877.6	883.3	877.6	849.4	782.6	711.4	636.9	592.5	546.4
52.5°	907.4	974.8	999.5	992.9	999.5	974.8	907.4	835.1	763.3	709.6	652.7
50°	1078.1	1134.3	1156.5	1150.4	1156.5	1134.3	1078.1	1011.4	935.9	860.6	782.5
47.5°	1225.7	1264.7	1284.8	1287.3	1284.8	1264.7	1225.7	1177.5	1108.8	1029.7	953.2
45°	1317.3	1337.2	1347.6	1348.9	1347.6	1337.2	1317.3	1290.2	1223.7	1142.3	1059.5
42.5°	1386.2	1426.8	1455.9	1458.5	1455.9	1426.8	1386.2	1349.8	1289.1	1213.1	1125.4
40°	1472.5	1519.8	1569.7	1636.5	1569.7	1519.8	1472.5	1419.0	1352.0	1282.6	1222.2
37.5°	1564.4	1636.2	1712.4	1800.9	1712.4	1636.2	1564.4	1502.6	1443.4	1359.0	1310.2
35°	1285.4	1246.2	1225.2	1239.4	1225.2	1246.2	1285.4	1349.1	1442.0	1506.0	1439.9
32.5°	1188.2	1190.0	1185.4	1184.6	1185.4	1190.0	1188.2	1180.9	1170.8	1229.4	1373.9
30°	1338.2	1348.1	1336.1	1314.7	1336.1	1348.1	1338.2	1287.1	1222.9	1194.5	1182.5
27.5°	1653.8	1703.4	1718.6	1698.2	1718.6	1703.4	1653.8	1551.4	1409.8	1322.9	1227.0
25°	2129.9	2236.6	2291.0	2300.7	2291.0	2236.6	2129.9	1973.2	1783.0	1590.8	1391.0
22.5°	2539.7	2605.0	2642.1	2643.1	2642.1	2605.0	2539.7	2440.4	2248.9	1976.5	1711.8
20°	2958.5	3071.4	3120.9	3108.7	3120.9	3071.4	2958.5	2771.6	2601.2	2406.0	2091.2
17.5°	3624.2	3860.4	3974.3	3985.2	3974.3	3860.4	3624.2	3281.2	3005.4	2699.7	2454.8
15°	4684.5	5237.1	5546.2	5587.5	5546.2	5237.1	4684.5	4084.2	3559.3	3107.0	2714.7
12.5°	6474.2	7788.7	8621.9	8737.3	8621.9	7788.7	6474.2	5313.6	4252.9	3579.8	3044.3
10°	9462.5	13700.2	16269.7	16392.7	16269.7	13700.2	9462.5	7271.5	5328.1	4109.4	3353.3
7.5°	18461.2	30085.0	48702.7	56326.9	48702.7	30085.0	18461.2	9613.8	6602.9	4786.7	3727.1
5°	37723.7	134223.6	260969.5	315344.3	260969.5	134223.6	37723.7	15240.0	8190.1	5440.2	4017.0
2.5°	68551.2	270295.0	561914.1	680281.2	561914.1	270295.0	68551.2	18781.9	9224.1	5815.2	4155.7
0°	74188.4	276060.7	617777.8	785686.9	617777.8	276060.7	74188.4	19679.5	9634.3	5977.8	4218.0
-2.5°	68551.2	270295.0	561914.1	680281.2	561914.1	270295.0	68551.2	18781.9	9224.1	5815.2	4155.7
-5°	37723.7	134223.6	260969.5	315344.3	260969.5	134223.6	37723.7	15240.0	8190.1	5440.2	4017.0
-7.5°	18461.2	30085.0	48702.7	56326.9	48702.7	30085.0	18461.2	9613.8	6602.9	4786.7	3727.1
-10°	9462.5	13700.2	16269.7	16392.7	16269.7	13700.2	9462.5	7271.5	5328.1	4109.4	3353.3
-12.5°	6474.2	7788.7	8621.9	8737.3	8621.9	7788.7	6474.2	5313.6	4252.9	3579.8	3044.3
-15°	4684.5	5237.1	5546.2	5587.5	5546.2	5237.1	4684.5	4084.2	3559.3	3107.0	2714.7
-17.5°	3624.2	3860.4	3974.3	3985.2	3974.3	3860.4	3624.2	3281.2	3005.4	2699.7	2454.8
-20°	2958.5	3071.4	3120.9	3108.7	3120.9	3071.4	2958.5	2771.6	2601.2	2406.0	2091.2



REPORT NUMBER: P624797 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-5700K-11

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2539.7	2605.0	2642.1	2643.1	2642.1	2605.0	2539.7	2440.4	2248.9	1976.5	1711.8
-25°	2129.9	2236.6	2291.0	2300.7	2291.0	2236.6	2129.9	1973.2	1783.0	1590.8	1391.0
-27.5°	1653.8	1703.4	1718.6	1698.2	1718.6	1703.4	1653.8	1551.4	1409.8	1322.9	1227.0
-30°	1338.2	1348.1	1336.1	1314.7	1336.1	1348.1	1338.2	1287.1	1222.9	1194.5	1182.5
-32.5°	1188.2	1190.0	1185.4	1184.6	1185.4	1190.0	1188.2	1180.9	1170.8	1229.4	1373.9
-35°	1285.4	1246.2	1225.2	1239.4	1225.2	1246.2	1285.4	1349.1	1442.0	1506.0	1439.9
-37.5°	1564.4	1636.2	1712.4	1800.9	1712.4	1636.2	1564.4	1502.6	1443.4	1359.0	1310.2
-40°	1472.5	1519.8	1569.7	1636.5	1569.7	1519.8	1472.5	1419.0	1352.0	1282.6	1222.2
-42.5°	1386.2	1426.8	1455.9	1458.5	1455.9	1426.8	1386.2	1349.8	1289.1	1213.1	1125.4
-45°	1317.3	1337.2	1347.6	1348.9	1347.6	1337.2	1317.3	1290.2	1223.7	1142.3	1059.5
-47.5°	1225.7	1264.7	1284.8	1287.3	1284.8	1264.7	1225.7	1177.5	1108.8	1029.7	953.2
-50°	1078.1	1134.3	1156.5	1150.4	1156.5	1134.3	1078.1	1011.4	935.9	860.6	782.5
-52.5°	907.4	974.8	999.5	992.9	999.5	974.8	907.4	835.1	763.3	709.6	652.7
-55°	782.6	849.4	877.6	883.3	877.6	849.4	782.6	711.4	636.9	592.5	546.4
-57.5°	685.5	755.8	773.8	766.9	773.8	755.8	685.5	613.2	539.2	502.0	467.6
-60°	612.9	679.1	689.2	677.9	689.2	679.1	612.9	545.3	476.4	439.0	409.6
-62.5°	576.8	639.6	651.6	650.5	651.6	639.6	576.8	510.4	438.2	392.8	362.4
-65°	633.2	724.2	753.7	773.8	753.7	724.2	633.2	536.8	430.6	359.7	324.8
-67.5°	764.6	939.7	997.1	1027.1	997.1	939.7	764.6	596.6	441.8	345.0	302.2
-70°	492.8	553.9	550.4	534.1	550.4	553.9	492.8	432.8	376.3	323.7	271.3
-72.5°	297.9	310.8	310.8	308.1	310.8	310.8	297.9	283.9	269.0	246.7	206.6
-75°	184.0	189.7	181.4	171.2	181.4	189.7	184.0	177.4	169.9	158.9	137.0
-77.5°	110.2	115.0	109.5	102.7	109.5	115.0	110.2	105.0	99.6	93.3	82.9
-80°	53.6	54.3	54.7	54.8	54.7	54.3	53.6	52.7	51.5	49.8	45.0
-82.5°	20.1	20.3	20.5	20.5	20.5	20.3	20.1	19.9	19.5	19.0	17.0
-85°	6.7	6.7	6.8	6.8	6.8	6.7	6.7	6.6	6.5	6.3	6.2
-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: P624797 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-5700K-11

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.6	3.8	4.8
85°	6.0	5.8	5.5	5.3	5.0	4.7	4.4	4.7	5.2	5.9	6.8
82.5°	15.1	13.3	11.8	12.6	13.0	13.2	13.0	12.0	10.8	9.7	8.4
80°	40.1	35.2	30.8	29.5	28.3	27.2	26.2	24.3	21.9	19.7	18.1
77.5°	72.8	63.2	55.9	54.6	52.4	49.1	45.0	42.2	40.5	38.1	34.8
75°	116.2	96.8	84.4	84.3	83.5	81.8	77.4	70.3	64.1	58.7	54.0
72.5°	168.9	134.4	116.3	117.1	116.9	115.7	112.1	105.0	95.5	83.4	73.7
70°	220.3	171.3	150.1	150.6	150.7	150.1	146.4	141.3	135.6	126.4	110.5
67.5°	256.1	206.1	190.2	190.3	190.2	188.5	181.1	173.6	166.8	159.4	143.8
65°	286.3	243.5	238.7	241.4	240.9	236.3	218.7	205.6	195.7	186.5	170.4
62.5°	329.4	294.0	297.8	299.4	298.9	290.9	267.2	245.9	226.9	210.3	195.2
60°	378.4	353.0	355.9	357.3	357.4	345.7	320.4	292.7	262.7	245.3	226.1
57.5°	432.1	412.1	413.9	414.1	412.8	394.3	370.2	344.9	314.8	289.7	266.0
55°	499.1	482.4	479.3	474.2	466.9	442.2	416.2	389.1	362.7	340.3	312.6
52.5°	594.2	576.3	561.4	544.7	525.8	494.2	461.5	432.5	406.8	382.3	356.8
50°	716.0	691.4	663.9	636.3	600.3	555.2	515.7	478.8	451.4	424.7	396.0
47.5°	884.5	838.1	786.8	744.9	690.5	635.2	584.0	533.8	501.5	468.2	436.9
45°	1013.5	984.2	948.2	879.6	797.3	729.5	664.5	609.1	556.8	516.7	478.8
42.5°	1106.0	1084.7	1053.9	1005.3	941.4	847.3	758.3	691.8	626.3	569.5	516.6
40°	1189.6	1159.9	1131.6	1095.3	1041.1	977.6	884.4	783.6	706.4	632.1	554.6
37.5°	1273.2	1233.9	1202.4	1165.6	1121.4	1065.9	999.3	904.6	794.3	696.8	602.9
35°	1365.7	1315.5	1279.5	1237.9	1191.7	1136.8	1079.5	1007.4	900.0	768.7	656.0
32.5°	1514.6	1442.0	1376.0	1324.4	1256.1	1196.8	1140.0	1079.0	991.3	854.7	720.6
30°	1255.0	1453.9	1507.5	1417.3	1325.5	1251.0	1190.8	1130.3	1050.7	943.7	787.0
27.5°	1203.2	1206.2	1427.5	1520.1	1393.4	1304.7	1238.7	1175.0	1105.0	1006.4	869.4
25°	1286.3	1222.4	1221.5	1422.1	1492.6	1360.7	1289.8	1219.9	1146.0	1062.8	974.0
22.5°	1457.2	1313.9	1230.7	1225.0	1468.6	1460.1	1345.8	1264.7	1197.1	1147.2	1057.8
20°	1762.3	1470.4	1308.2	1239.5	1307.7	1555.9	1410.9	1326.8	1280.0	1229.9	1140.1
17.5°	2106.5	1737.8	1431.7	1278.6	1255.1	1438.2	1505.2	1407.8	1352.2	1317.9	1224.0
15°	2436.7	2017.8	1644.9	1387.9	1272.6	1326.3	1586.1	1482.7	1418.1	1394.2	1297.1
12.5°	2643.8	2295.6	1845.8	1488.6	1307.6	1283.6	1536.6	1554.2	1482.3	1429.8	1344.4
10°	2840.5	2495.2	2048.1	1646.1	1388.5	1299.7	1470.5	1619.9	1530.7	1457.4	1380.3
7.5°	3057.8	2618.8	2218.0	1765.3	1439.7	1305.5	1424.7	1691.3	1577.7	1488.4	1406.5
5°	3209.6	2702.2	2321.8	1824.2	1457.0	1302.2	1386.4	1763.9	1622.0	1520.4	1424.5
2.5°	3287.5	2748.8	2379.4	1852.1	1457.1	1296.0	1365.0	1834.3	1681.1	1534.3	1425.9
0°	3321.0	2773.2	2403.4	1862.5	1451.7	1294.2	1369.5	1896.7	1746.1	1540.7	1424.3
-2.5°	3287.5	2748.8	2379.4	1852.1	1457.1	1296.0	1365.0	1834.3	1681.1	1534.3	1425.9
-5°	3209.6	2702.2	2321.8	1824.2	1457.0	1302.2	1386.4	1763.9	1622.0	1520.4	1424.5
-7.5°	3057.8	2618.8	2218.0	1765.3	1439.7	1305.5	1424.7	1691.3	1577.7	1488.4	1406.5
-10°	2840.5	2495.2	2048.1	1646.1	1388.5	1299.7	1470.5	1619.9	1530.7	1457.4	1380.3
-12.5°	2643.8	2295.6	1845.8	1488.6	1307.6	1283.6	1536.6	1554.2	1482.3	1429.8	1344.4
-15°	2436.7	2017.8	1644.9	1387.9	1272.6	1326.3	1586.1	1482.7	1418.1	1394.2	1297.1
-17.5°	2106.5	1737.8	1431.7	1278.6	1255.1	1438.2	1505.2	1407.8	1352.2	1317.9	1224.0
-20°	1762.3	1470.4	1308.2	1239.5	1307.7	1555.9	1410.9	1326.8	1280.0	1229.9	1140.1

Classified

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

Scaled Data Report



REPORT NUMBER: P624797 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-5700K-11

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1457.2	1313.9	1230.7	1225.0	1468.6	1460.1	1345.8	1264.7	1197.1	1147.2	1057.8
-25°	1286.3	1222.4	1221.5	1422.1	1492.6	1360.7	1289.8	1219.9	1146.0	1062.8	974.0
-27.5°	1203.2	1206.2	1427.5	1520.1	1393.4	1304.7	1238.7	1175.0	1105.0	1006.4	869.4
-30°	1255.0	1453.9	1507.5	1417.3	1325.5	1251.0	1190.8	1130.3	1050.7	943.7	787.0
-32.5°	1514.6	1442.0	1376.0	1324.4	1256.1	1196.8	1140.0	1079.0	991.3	854.7	720.6
-35°	1365.7	1315.5	1279.5	1237.9	1191.7	1136.8	1079.5	1007.4	900.0	768.7	656.0
-37.5°	1273.2	1233.9	1202.4	1165.6	1121.4	1065.9	999.3	904.6	794.3	696.8	602.9
-40°	1189.6	1159.9	1131.6	1095.3	1041.1	977.6	884.4	783.6	706.4	632.1	554.6
-42.5°	1106.0	1084.7	1053.9	1005.3	941.4	847.3	758.3	691.8	626.3	569.5	516.6
-45°	1013.5	984.2	948.2	879.6	797.3	729.5	664.5	609.1	556.8	516.7	478.8
-47.5°	884.5	838.1	786.8	744.9	690.5	635.2	584.0	533.8	501.5	468.2	436.9
-50°	716.0	691.4	663.9	636.3	600.3	555.2	515.7	478.8	451.4	424.7	396.0
-52.5°	594.2	576.3	561.4	544.7	525.8	494.2	461.5	432.5	406.8	382.3	356.8
-55°	499.1	482.4	479.3	474.2	466.9	442.2	416.2	389.1	362.7	340.3	312.6
-57.5°	432.1	412.1	413.9	414.1	412.8	394.3	370.2	344.9	314.8	289.7	266.0
-60°	378.4	353.0	355.9	357.3	357.4	345.7	320.4	292.7	262.7	245.3	226.1
-62.5°	329.4	294.0	297.8	299.4	298.9	290.9	267.2	245.9	226.9	210.3	195.2
-65°	286.3	243.5	238.7	241.4	240.9	236.3	218.7	205.6	195.7	186.5	170.4
-67.5°	256.1	206.1	190.2	190.3	190.2	188.5	181.1	173.6	166.8	159.4	143.8
-70°	220.3	171.3	150.1	150.6	150.7	150.1	146.4	141.3	135.6	126.4	110.5
-72.5°	168.9	134.4	116.3	117.1	116.9	115.7	112.1	105.0	95.5	83.4	73.7
-75°	116.2	96.8	84.4	84.3	83.5	81.8	77.4	70.3	64.1	58.7	54.0
-77.5°	72.8	63.2	55.9	54.6	52.4	49.1	45.0	42.2	40.5	38.1	34.8
-80°	40.1	35.2	30.8	29.5	28.3	27.2	26.2	24.3	21.9	19.7	18.1
-82.5°	15.1	13.3	11.8	12.6	13.0	13.2	13.0	12.0	10.8	9.7	8.4
-85°	6.0	5.8	5.5	5.3	5.0	4.7	4.4	4.7	5.2	5.9	6.8
-87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.6	3.8	4.8
-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: P624797 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-VN-08-E-PRO-5700K-11

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.6	4.4	4.1	3.9	3.7	3.4	3.1	2.9	2.6	2.3	2.0
85°	6.8	6.8	6.8	6.8	6.8	6.8	6.3	5.7	5.2	4.6	4.1
82.5°	7.1	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.1
80°	16.3	14.5	12.7	10.8	9.0	6.8	6.8	6.8	6.8	6.8	6.8
77.5°	30.5	25.9	21.3	18.9	17.4	15.3	12.5	8.8	6.8	6.8	6.8
75°	48.7	43.3	37.7	32.0	27.3	24.1	21.3	17.3	12.4	7.4	6.8
72.5°	68.6	62.4	55.2	46.3	39.1	33.5	29.4	25.8	20.0	14.2	8.3
70°	95.4	83.4	75.1	64.2	52.5	42.3	36.3	32.4	27.6	21.0	14.2
67.5°	126.8	109.4	95.6	81.8	68.1	55.4	43.5	39.0	34.5	27.6	20.0
65°	152.2	133.6	114.9	99.5	83.9	68.6	55.1	47.5	41.7	34.8	25.8
62.5°	177.4	157.1	136.9	117.6	100.1	83.0	67.0	60.0	50.1	42.3	32.5
60°	203.3	182.8	158.8	136.9	116.6	97.7	82.5	73.0	62.6	49.9	39.8
57.5°	242.1	211.7	182.8	156.4	133.1	112.2	98.9	87.9	75.3	61.0	47.3
55°	285.2	252.6	209.7	177.2	149.9	126.1	116.2	104.1	88.7	73.0	55.4
52.5°	328.0	288.5	242.8	200.1	167.6	143.3	135.1	120.5	104.1	85.2	67.1
50°	367.3	319.7	272.2	226.9	185.4	167.2	155.2	139.6	119.6	98.1	79.7
47.5°	396.4	347.3	297.9	250.8	206.8	193.0	179.2	159.7	135.4	112.3	92.8
45°	426.5	372.7	321.3	271.6	236.8	222.1	205.5	180.8	154.6	129.2	106.5
42.5°	455.9	398.8	343.5	290.0	268.4	251.7	233.4	205.9	174.4	147.0	121.4
40°	488.2	424.5	365.1	321.0	299.1	280.9	260.4	232.5	195.4	166.5	137.4
37.5°	519.8	451.7	387.2	355.8	329.5	308.4	286.8	260.1	221.9	188.7	153.7
35°	562.2	479.9	424.7	390.4	360.7	335.1	312.8	286.7	251.9	211.4	170.3
32.5°	603.7	519.9	466.6	424.0	390.8	360.9	337.2	319.6	282.7	234.5	187.2
30°	661.7	576.5	507.6	455.4	419.8	387.5	367.5	357.1	314.2	258.0	204.9
27.5°	739.4	632.5	549.8	490.2	447.7	414.4	408.7	398.8	346.3	282.7	224.1
25°	820.8	698.1	599.8	525.3	473.6	458.6	449.7	444.0	380.5	309.3	243.2
22.5°	914.4	765.4	648.6	558.7	520.6	501.1	490.2	481.2	417.3	335.8	262.1
20°	1005.6	830.1	700.0	619.5	572.3	544.7	529.6	518.0	455.8	362.0	280.6
17.5°	1091.2	908.5	776.9	685.0	625.4	588.1	567.8	554.5	495.5	387.7	298.6
15°	1162.2	996.6	850.8	746.9	677.4	631.2	604.8	590.5	535.8	412.8	311.2
12.5°	1223.3	1073.8	919.9	805.3	728.0	673.8	640.7	626.0	576.2	428.2	316.8
10°	1274.4	1140.7	984.1	860.3	777.1	715.8	675.6	650.7	591.4	435.3	321.6
7.5°	1316.7	1198.3	1043.4	911.9	817.3	736.8	680.6	653.5	600.3	440.5	325.3
5°	1345.3	1231.8	1065.6	920.7	816.5	734.9	680.3	655.6	606.3	443.9	327.8
2.5°	1342.5	1235.1	1062.6	920.7	813.4	731.1	679.4	656.9	609.3	445.4	329.0
0°	1335.2	1232.5	1054.5	917.6	808.0	725.8	677.9	657.4	609.4	445.1	328.7
-2.5°	1342.5	1235.1	1062.6	920.7	813.4	731.1	679.4	656.9	609.3	445.4	329.0
-5°	1345.3	1231.8	1065.6	920.7	816.5	734.9	680.3	655.6	606.3	443.9	327.8
-7.5°	1316.7	1198.3	1043.4	911.9	817.3	736.8	680.6	653.5	600.3	440.5	325.3
-10°	1274.4	1140.7	984.1	860.3	777.1	715.8	675.6	650.7	591.4	435.3	321.6
-12.5°	1223.3	1073.8	919.9	805.3	728.0	673.8	640.7	626.0	576.2	428.2	316.8
-15°	1162.2	996.6	850.8	746.9	677.4	631.2	604.8	590.5	535.8	412.8	311.2
-17.5°	1091.2	908.5	776.9	685.0	625.4	588.1	567.8	554.5	495.5	387.7	298.6
-20°	1005.6	830.1	700.0	619.5	572.3	544.7	529.6	518.0	455.8	362.0	280.6

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P624797 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-5700K-11

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	914.4	765.4	648.6	558.7	520.6	501.1	490.2	481.2	417.3	335.8	262.1
-25°	820.8	698.1	599.8	525.3	473.6	458.6	449.7	444.0	380.5	309.3	243.2
-27.5°	739.4	632.5	549.8	490.2	447.7	414.4	408.7	398.8	346.3	282.7	224.1
-30°	661.7	576.5	507.6	455.4	419.8	387.5	367.5	357.1	314.2	258.0	204.9
-32.5°	603.7	519.9	466.6	424.0	390.8	360.9	337.2	319.6	282.7	234.5	187.2
-35°	562.2	479.9	424.7	390.4	360.7	335.1	312.8	286.7	251.9	211.4	170.3
-37.5°	519.8	451.7	387.2	355.8	329.5	308.4	286.8	260.1	221.9	188.7	153.7
-40°	488.2	424.5	365.1	321.0	299.1	280.9	260.4	232.5	195.4	166.5	137.4
-42.5°	455.9	398.8	343.5	290.0	268.4	251.7	233.4	205.9	174.4	147.0	121.4
-45°	426.5	372.7	321.3	271.6	236.8	222.1	205.5	180.8	154.6	129.2	106.5
-47.5°	396.4	347.3	297.9	250.8	206.8	193.0	179.2	159.7	135.4	112.3	92.8
-50°	367.3	319.7	272.2	226.9	185.4	167.2	155.2	139.6	119.6	98.1	79.7
-52.5°	328.0	288.5	242.8	200.1	167.6	143.3	135.1	120.5	104.1	85.2	67.1
-55°	285.2	252.6	209.7	177.2	149.9	126.1	116.2	104.1	88.7	73.0	55.4
-57.5°	242.1	211.7	182.8	156.4	133.1	112.2	98.9	87.9	75.3	61.0	47.3
-60°	203.3	182.8	158.8	136.9	116.6	97.7	82.5	73.0	62.6	49.9	39.8
-62.5°	177.4	157.1	136.9	117.6	100.1	83.0	67.0	60.0	50.1	42.3	32.5
-65°	152.2	133.6	114.9	99.5	83.9	68.6	55.1	47.5	41.7	34.8	25.8
-67.5°	126.8	109.4	95.6	81.8	68.1	55.4	43.5	39.0	34.5	27.6	20.0
-70°	95.4	83.4	75.1	64.2	52.5	42.3	36.3	32.4	27.6	21.0	14.2
-72.5°	68.6	62.4	55.2	46.3	39.1	33.5	29.4	25.8	20.0	14.2	8.3
-75°	48.7	43.3	37.7	32.0	27.3	24.1	21.3	17.3	12.4	7.4	6.8
-77.5°	30.5	25.9	21.3	18.9	17.4	15.3	12.5	8.8	6.8	6.8	6.8
-80°	16.3	14.5	12.7	10.8	9.0	6.8	6.8	6.8	6.8	6.8	6.8
-82.5°	7.1	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.1
-85°	6.8	6.8	6.8	6.8	6.8	6.8	6.3	5.7	5.2	4.6	4.1
-87.5°	4.6	4.4	4.1	3.9	3.7	3.4	3.1	2.9	2.6	2.3	2.0
-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: P624797 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-5700K-11

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
85°	3.5	2.9	2.4	1.8	1.2	0.6	0.0
82.5°	5.3	4.4	3.5	2.7	1.8	0.9	0.0
80°	6.8	5.9	4.7	3.5	2.4	1.2	0.0
77.5°	6.8	6.8	5.9	4.4	2.9	1.5	0.0
75°	6.8	6.8	6.8	5.3	3.5	1.8	0.0
72.5°	6.8	6.8	6.8	6.1	4.1	2.0	0.0
70°	7.5	6.8	6.8	6.8	4.6	2.3	0.0
67.5°	12.6	6.8	6.8	6.8	5.2	2.6	0.0
65°	17.8	9.1	6.8	6.8	5.7	2.9	0.0
62.5°	23.0	13.6	6.8	6.8	6.3	3.1	0.0
60°	28.2	18.2	6.8	6.8	6.8	3.4	0.0
57.5°	35.3	22.6	10.3	6.8	6.8	3.7	0.0
55°	42.8	27.1	14.0	6.8	6.8	3.9	0.0
52.5°	50.5	31.9	17.6	6.8	6.8	4.1	0.0
50°	58.3	38.7	21.2	6.8	6.8	4.4	0.0
47.5°	66.8	45.5	24.7	7.4	6.8	4.6	0.0
45°	78.7	52.4	28.1	10.0	6.8	4.8	0.0
42.5°	90.7	59.2	31.5	12.5	6.8	5.0	0.0
40°	103.0	66.1	35.8	14.9	6.8	5.2	0.0
37.5°	115.4	72.9	41.1	17.1	6.8	5.4	0.0
35°	128.0	81.8	46.3	19.3	6.8	5.6	0.0
32.5°	140.9	91.6	51.3	21.3	6.8	5.7	0.0
30°	154.5	101.3	56.2	23.1	6.8	5.9	0.0
27.5°	168.1	110.8	59.8	24.9	6.8	6.0	0.0
25°	181.4	120.1	62.8	26.5	6.8	6.2	0.0
22.5°	194.5	127.5	65.3	27.9	6.8	6.3	0.0
20°	207.4	130.1	67.3	29.2	6.8	6.4	0.0
17.5°	213.9	131.6	68.9	30.4	6.8	6.5	0.0
15°	216.3	132.0	70.0	31.4	6.8	6.6	0.0
12.5°	217.9	131.4	70.6	32.2	6.8	6.6	0.0
10°	218.6	129.9	70.9	32.9	6.8	6.7	0.0
7.5°	218.5	127.5	70.8	33.5	6.8	6.7	0.0
5°	217.5	124.5	70.3	33.9	6.8	6.8	0.0
2.5°	215.4	120.7	69.6	34.1	6.8	6.8	0.0
0°	212.3	116.4	68.5	34.2	6.8	6.8	0.0
-2.5°	215.4	120.7	69.6	34.1	6.8	6.8	0.0
-5°	217.5	124.5	70.3	33.9	6.8	6.8	0.0
-7.5°	218.5	127.5	70.8	33.5	6.8	6.7	0.0
-10°	218.6	129.9	70.9	32.9	6.8	6.7	0.0
-12.5°	217.9	131.4	70.6	32.2	6.8	6.6	0.0
-15°	216.3	132.0	70.0	31.4	6.8	6.6	0.0
-17.5°	213.9	131.6	68.9	30.4	6.8	6.5	0.0
-20°	207.4	130.1	67.3	29.2	6.8	6.4	0.0

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CATALOG NUMBER: EPH-VN-08-E-PRO-5700K-11

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	194.5	127.5	65.3	27.9	6.8	6.3	0.0
-25°	181.4	120.1	62.8	26.5	6.8	6.2	0.0
-27.5°	168.1	110.8	59.8	24.9	6.8	6.0	0.0
-30°	154.5	101.3	56.2	23.1	6.8	5.9	0.0
-32.5°	140.9	91.6	51.3	21.3	6.8	5.7	0.0
-35°	128.0	81.8	46.3	19.3	6.8	5.6	0.0
-37.5°	115.4	72.9	41.1	17.1	6.8	5.4	0.0
-40°	103.0	66.1	35.8	14.9	6.8	5.2	0.0
-42.5°	90.7	59.2	31.5	12.5	6.8	5.0	0.0
-45°	78.7	52.4	28.1	10.0	6.8	4.8	0.0
-47.5°	66.8	45.5	24.7	7.4	6.8	4.6	0.0
-50°	58.3	38.7	21.2	6.8	6.8	4.4	0.0
-52.5°	50.5	31.9	17.6	6.8	6.8	4.1	0.0
-55°	42.8	27.1	14.0	6.8	6.8	3.9	0.0
-57.5°	35.3	22.6	10.3	6.8	6.8	3.7	0.0
-60°	28.2	18.2	6.8	6.8	6.8	3.4	0.0
-62.5°	23.0	13.6	6.8	6.8	6.3	3.1	0.0
-65°	17.8	9.1	6.8	6.8	5.7	2.9	0.0
-67.5°	12.6	6.8	6.8	6.8	5.2	2.6	0.0
-70°	7.5	6.8	6.8	6.8	4.6	2.3	0.0
-72.5°	6.8	6.8	6.8	6.1	4.1	2.0	0.0
-75°	6.8	6.8	6.8	5.3	3.5	1.8	0.0
-77.5°	6.8	6.8	5.9	4.4	2.9	1.5	0.0
-80°	6.8	5.9	4.7	3.5	2.4	1.2	0.0
-82.5°	5.3	4.4	3.5	2.7	1.8	0.9	0.0
-85°	3.5	2.9	2.4	1.8	1.2	0.6	0.0
-87.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)