

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: P624798 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-VN-08-E-PRO-5700K-22**

Issue Date: 11/8/2022



Test Information

Test Method: LM-79-08
Report Number: P624798 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2101-121-58)
Test Lab: INNOVATION CENTER
Issue Date: 11/8/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-VN-08-E-PRO-5700K-22
Description: EPHESUS LUMAVISION CCT TUNING FLOOD
3000K AND TYPE 22 OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 46381.2 lumens
Efficiency: N/A
Efficacy: 122.7 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')

NEMA Type: 2H x 2V
Max Intensity: 545077.4 candela
Max Intensity Angle: 0°H x 0°V

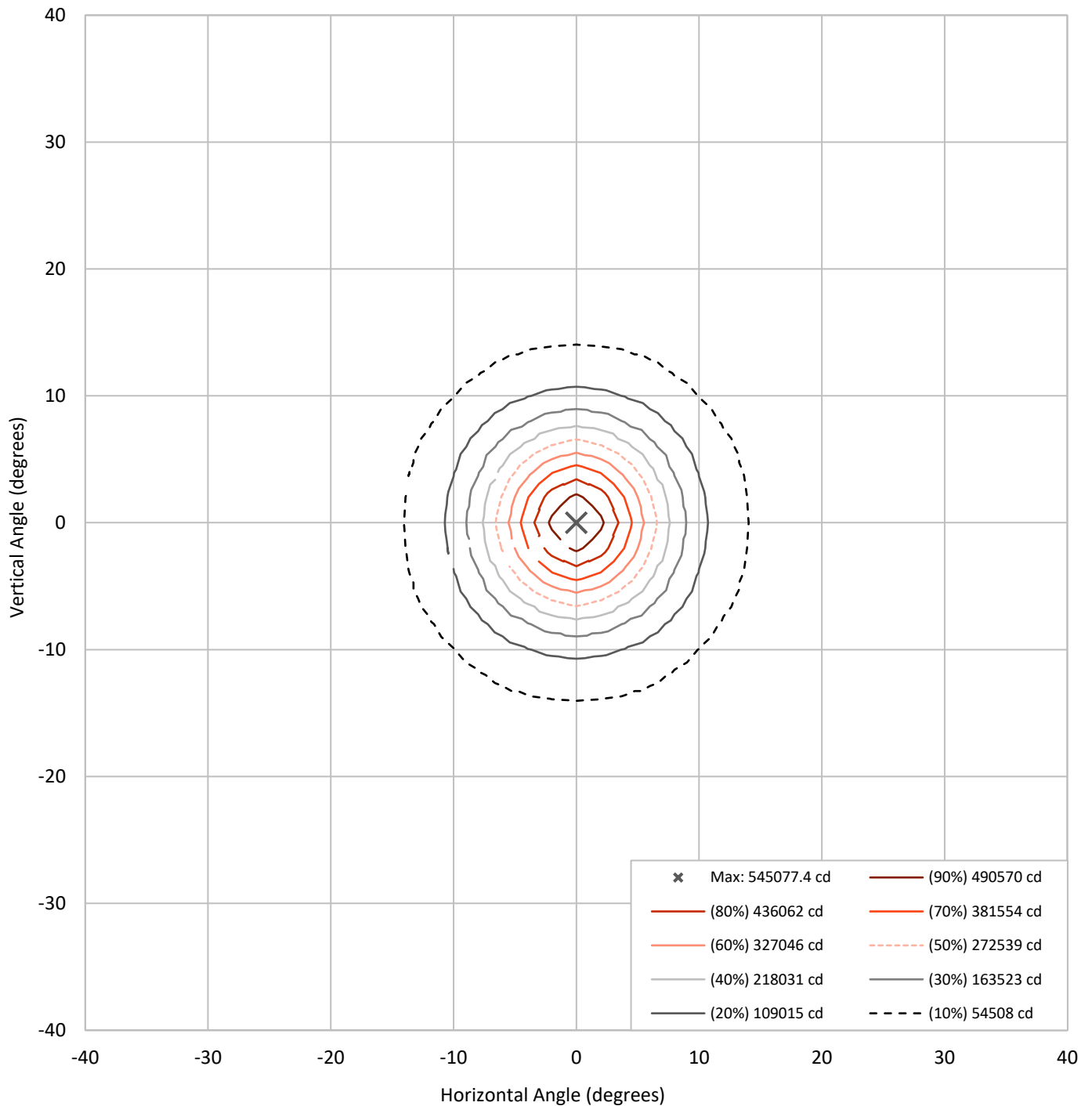
Beam Angle (50%): 13°H x 13°V
Beam Lumens: 16533.1 lumens
Beam Efficiency: 35.6%

Field Angle (10%): 28.1°H x 28.1°V
Field Lumens: 32805.2 lumens
Field Efficiency: 70.7%

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-22

Iso-Candela Plot





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Lumen Table

90	0.8	6.2	16.8	27.4	31.7	27.4	16.8	6.2	0.8							
80	0.8	6.2	16.8	27.4	31.7	27.4	16.8	6.2	0.8							
70	2.9	3.2	6.8	11.2	15.7	19.6	22.4	23.8	23.8	22.4	19.6	15.7	11.2	6.8	3.2	2.9
60		5.0	10.4	16.3	21.8	26.0	28.9	30.4	30.4	28.9	26.0	21.8	16.3	10.4	5.0	
50	5.3	6.8	13.3	19.8	25.3	30.4	35.4	38.5	38.5	35.4	30.4	25.3	19.8	13.3	6.8	5.3
40		8.2	15.3	21.8	29.1	39.2	49.0	55.5	55.5	49.0	39.2	29.1	21.8	15.3	8.2	
30	7.1	9.2	16.5	23.8	35.5	52.0	91.6	171.0	171.0	91.6	52.0	35.5	23.8	16.5	9.2	7.1
20		9.9	17.2	26.0	41.7	86.3	428.6	1304.6	1304.6	428.6	86.3	41.7	26.0	17.2	9.9	
10	7.7	10.2	17.6	27.5	45.8	157.3	1272.1	7035.8	7035.8	1272.1	157.3	45.8	27.5	17.6	10.2	7.7
0		10.2	17.6	27.5	45.8	157.3	1272.1	7035.8	7035.8	1272.1	157.3	45.8	27.5	17.6	10.2	
-10	7.1	9.9	17.2	26.0	41.7	86.3	428.6	1304.6	1304.6	428.6	86.3	41.7	26.0	17.2	9.9	7.1
-20		9.2	16.5	23.8	35.5	52.0	91.6	171.0	171.0	91.6	52.0	35.5	23.8	16.5	9.2	
-30	5.3	8.2	15.3	21.8	29.1	39.2	49.0	55.5	55.5	49.0	39.2	29.1	21.8	15.3	8.2	5.3
-40		6.8	13.3	19.8	25.3	30.4	35.4	38.5	38.5	35.4	30.4	25.3	19.8	13.3	6.8	
-50	2.9	5.0	10.4	16.3	21.8	26.0	28.9	30.4	30.4	28.9	26.0	21.8	16.3	10.4	5.0	2.9
-60		3.2	6.8	11.2	15.7	19.6	22.4	23.8	23.8	22.4	19.6	15.7	11.2	6.8	3.2	
-70	0.8	6.2	16.8	27.4	31.7	27.4	16.8	6.2	0.8							
-80		0.8	6.2	16.8	27.4	31.7	27.4	16.8	6.2	0.8						
-90	0.8	6.2	16.8	27.4	31.7	27.4	16.8	6.2	0.8							

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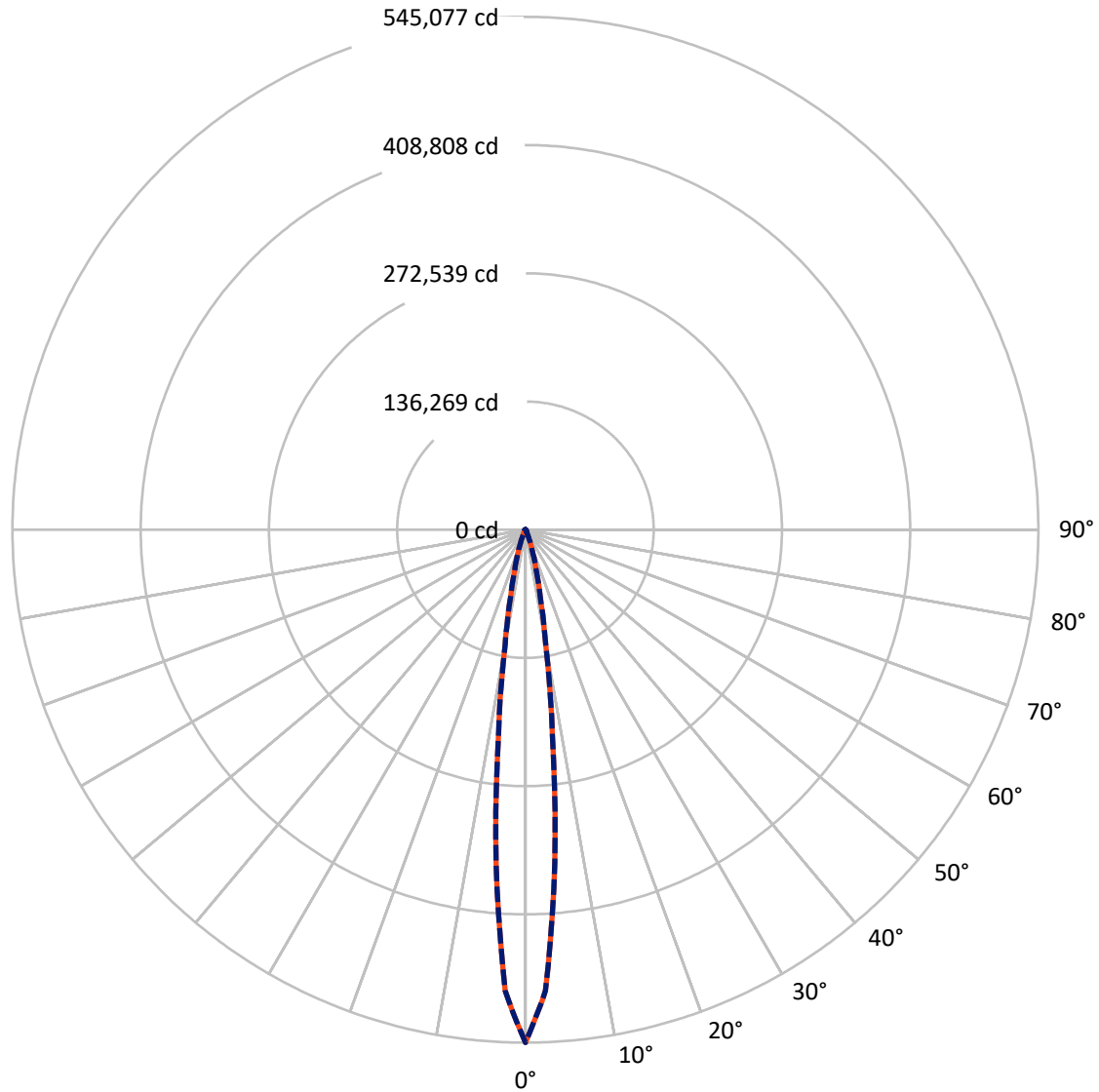
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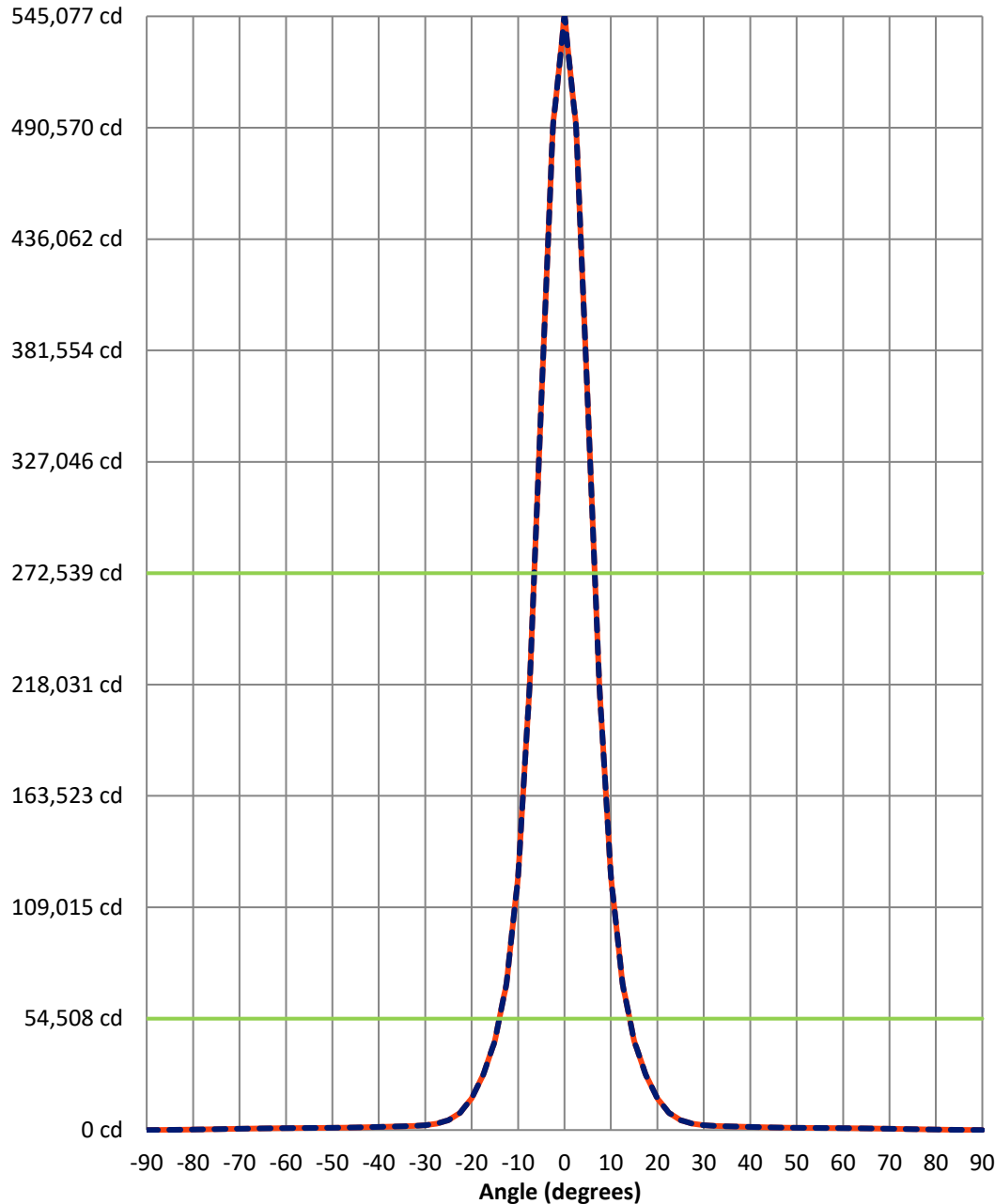
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 13°
 V Angle: 13°
 Lumens: 16533.1
 Efficiency: 35.6%

Field:
 H Angle: 28.1°
 V Angle: 28.1°
 Lumens: 32805.2
 Efficiency: 70.7%

Spill:
 Lumens: 13576
 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	1.7	3.4	5.1	6.8	8.5	10.2	11.8	13.4	15.0	16.6
85°	0.0	3.4	6.8	10.2	13.6	17.0	20.3	23.6	26.9	30.0	33.2
82.5°	0.0	5.1	10.2	15.3	20.4	25.4	30.4	35.4	40.5	46.4	52.3
80°	0.0	6.8	13.6	20.4	27.2	33.9	40.8	49.0	57.1	65.0	72.9
77.5°	0.0	8.5	17.0	25.4	33.9	42.9	53.3	63.5	73.6	83.5	94.7
75°	0.0	10.2	20.3	30.4	40.8	53.3	65.6	77.9	90.4	105.9	121.1
72.5°	0.0	11.8	23.6	35.4	49.0	63.5	77.9	93.2	111.5	129.5	147.2
70°	0.0	13.4	26.9	40.5	57.1	73.6	90.4	111.5	132.3	153.0	179.4
67.5°	0.0	15.0	30.0	46.4	65.0	83.5	105.9	129.5	153.0	183.1	212.7
65°	0.0	16.6	33.2	52.3	72.9	94.7	121.1	147.2	179.4	212.7	246.0
62.5°	0.0	18.1	36.3	58.1	80.5	107.2	136.0	168.4	205.3	242.1	280.1
60°	0.0	19.6	39.3	63.7	88.0	119.4	150.7	190.6	230.7	272.3	313.6
57.5°	0.0	21.1	42.9	69.2	97.4	131.3	168.8	212.4	256.6	301.8	350.0
55°	0.0	22.5	46.5	74.5	106.7	142.9	186.9	233.5	282.2	331.6	387.2
52.5°	0.0	23.9	49.9	79.7	115.7	154.7	204.6	255.2	307.1	364.3	423.5
50°	0.0	25.3	53.3	84.7	124.4	168.9	221.7	276.3	332.4	396.0	457.3
47.5°	0.0	26.5	56.5	89.9	132.8	182.6	238.3	296.7	359.7	426.6	489.8
45°	0.0	27.8	59.6	96.0	140.9	195.8	255.1	316.3	385.9	454.8	521.2
42.5°	0.0	29.0	62.6	101.8	148.6	208.5	271.2	336.9	411.0	481.9	551.3
40°	0.0	30.1	65.4	107.3	157.1	220.6	286.6	357.9	434.7	507.8	580.2
37.5°	0.0	31.2	68.1	112.5	166.3	232.0	301.2	377.9	456.6	532.4	607.7
35°	0.0	32.2	70.6	117.5	174.9	243.3	315.0	396.8	477.2	555.8	633.3
32.5°	0.0	33.1	73.0	122.1	183.1	254.1	328.7	414.6	496.7	577.8	656.7
30°	0.0	34.0	75.2	126.5	190.7	264.2	342.9	431.0	515.0	598.4	678.6
27.5°	0.0	34.9	77.3	130.5	197.7	273.6	356.0	445.8	531.9	617.6	699.0
25°	0.0	35.6	79.2	134.3	204.2	282.2	368.2	459.3	547.5	634.8	717.8
22.5°	0.0	36.3	80.9	137.6	210.1	290.1	379.2	471.7	561.7	650.1	733.2
20°	0.0	36.9	82.5	140.7	215.5	297.2	389.2	482.9	574.6	664.0	747.1
17.5°	0.0	37.5	83.8	143.4	220.2	303.4	398.0	492.8	586.0	676.3	759.5
15°	0.0	38.0	85.0	145.7	224.3	308.9	405.8	501.4	596.0	687.0	770.3
12.5°	0.0	38.4	86.1	147.7	227.8	313.6	412.3	508.8	604.4	696.1	779.5
10°	0.0	38.7	86.9	149.4	230.7	317.4	417.7	514.8	611.4	703.7	787.1
7.5°	0.0	39.0	87.6	150.7	232.9	320.4	421.9	519.5	616.8	709.5	793.0
5°	0.0	39.2	88.0	151.6	234.5	322.5	424.9	522.9	620.7	713.7	797.2
2.5°	0.0	39.3	88.3	152.1	235.5	323.8	426.7	524.9	623.0	716.3	799.8
0°	0.0	39.3	88.4	152.3	235.8	324.2	427.3	525.6	623.8	717.1	800.6
-2.5°	0.0	39.3	88.3	152.1	235.5	323.8	426.7	524.9	623.0	716.3	799.8
-5°	0.0	39.2	88.0	151.6	234.5	322.5	424.9	522.9	620.7	713.7	797.2
-7.5°	0.0	39.0	87.6	150.7	232.9	320.4	421.9	519.5	616.8	709.5	793.0
-10°	0.0	38.7	86.9	149.4	230.7	317.4	417.7	514.8	611.4	703.7	787.1
-12.5°	0.0	38.4	86.1	147.7	227.8	313.6	412.3	508.8	604.4	696.1	779.5
-15°	0.0	38.0	85.0	145.7	224.3	308.9	405.8	501.4	596.0	687.0	770.3
-17.5°	0.0	37.5	83.8	143.4	220.2	303.4	398.0	492.8	586.0	676.3	759.5
-20°	0.0	36.9	82.5	140.7	215.5	297.2	389.2	482.9	574.6	664.0	747.1

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CATALOG NUMBER: EPH-VN-08-E-PRO-5700K-22

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	36.3	80.9	137.6	210.1	290.1	379.2	471.7	561.7	650.1	733.2
-25°	0.0	35.6	79.2	134.3	204.2	282.2	368.2	459.3	547.5	634.8	717.8
-27.5°	0.0	34.9	77.3	130.5	197.7	273.6	356.0	445.8	531.9	617.6	699.0
-30°	0.0	34.0	75.2	126.5	190.7	264.2	342.9	431.0	515.0	598.4	678.6
-32.5°	0.0	33.1	73.0	122.1	183.1	254.1	328.7	414.6	496.7	577.8	656.7
-35°	0.0	32.2	70.6	117.5	174.9	243.3	315.0	396.8	477.2	555.8	633.3
-37.5°	0.0	31.2	68.1	112.5	166.3	232.0	301.2	377.9	456.6	532.4	607.7
-40°	0.0	30.1	65.4	107.3	157.1	220.6	286.6	357.9	434.7	507.8	580.2
-42.5°	0.0	29.0	62.6	101.8	148.6	208.5	271.2	336.9	411.0	481.9	551.3
-45°	0.0	27.8	59.6	96.0	140.9	195.8	255.1	316.3	385.9	454.8	521.2
-47.5°	0.0	26.5	56.5	89.9	132.8	182.6	238.3	296.7	359.7	426.6	489.8
-50°	0.0	25.3	53.3	84.7	124.4	168.9	221.7	276.3	332.4	396.0	457.3
-52.5°	0.0	23.9	49.9	79.7	115.7	154.7	204.6	255.2	307.1	364.3	423.5
-55°	0.0	22.5	46.5	74.5	106.7	142.9	186.9	233.5	282.2	331.6	387.2
-57.5°	0.0	21.1	42.9	69.2	97.4	131.3	168.8	212.4	256.6	301.8	350.0
-60°	0.0	19.6	39.3	63.7	88.0	119.4	150.7	190.6	230.7	272.3	313.6
-62.5°	0.0	18.1	36.3	58.1	80.5	107.2	136.0	168.4	205.3	242.1	280.1
-65°	0.0	16.6	33.2	52.3	72.9	94.7	121.1	147.2	179.4	212.7	246.0
-67.5°	0.0	15.0	30.0	46.4	65.0	83.5	105.9	129.5	153.0	183.1	212.7
-70°	0.0	13.4	26.9	40.5	57.1	73.6	90.4	111.5	132.3	153.0	179.4
-72.5°	0.0	11.8	23.6	35.4	49.0	63.5	77.9	93.2	111.5	129.5	147.2
-75°	0.0	10.2	20.3	30.4	40.8	53.3	65.6	77.9	90.4	105.9	121.1
-77.5°	0.0	8.5	17.0	25.4	33.9	42.9	53.3	63.5	73.6	83.5	94.7
-80°	0.0	6.8	13.6	20.4	27.2	33.9	40.8	49.0	57.1	65.0	72.9
-82.5°	0.0	5.1	10.2	15.3	20.4	25.4	30.4	35.4	40.5	46.4	52.3
-85°	0.0	3.4	6.8	10.2	13.6	17.0	20.3	23.6	26.9	30.0	33.2
-87.5°	0.0	1.7	3.4	5.1	6.8	8.5	10.2	11.8	13.4	15.0	16.6
-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°	18.1	19.6	21.1	22.5	23.9	25.3	26.5	27.8	29.0	30.1	31.2
85°	36.3	39.3	42.9	46.5	49.9	53.3	56.5	59.6	62.6	65.4	68.1
82.5°	58.1	63.7	69.2	74.5	79.7	84.7	89.9	96.0	101.8	107.3	112.5
80°	80.5	88.0	97.4	106.7	115.7	124.4	132.8	140.9	148.6	157.1	166.3
77.5°	107.2	119.4	131.3	142.9	154.7	168.9	182.6	195.8	208.5	220.6	232.0
75°	136.0	150.7	168.8	186.9	204.6	221.7	238.3	255.1	271.2	286.6	301.2
72.5°	168.4	190.6	212.4	233.5	255.2	276.3	296.7	316.3	336.9	357.9	377.9
70°	205.3	230.7	256.6	282.2	307.1	332.4	359.7	385.9	411.0	434.7	456.6
67.5°	242.1	272.3	301.8	331.6	364.3	396.0	426.6	454.8	481.9	507.8	532.4
65°	280.1	313.6	350.0	387.2	423.5	457.3	489.8	521.2	551.3	580.2	607.7
62.5°	317.5	359.2	401.1	441.4	479.4	516.4	552.2	586.8	620.0	650.5	679.4
60°	359.2	405.8	450.3	492.8	534.3	574.6	613.7	650.1	684.7	717.8	746.2
57.5°	401.1	450.3	497.3	543.3	588.1	631.4	671.7	710.7	745.1	777.4	807.0
55°	441.4	492.8	543.3	592.7	640.1	684.8	727.1	764.8	801.1	829.9	857.5
52.5°	479.4	534.3	588.1	640.1	689.2	735.0	776.7	814.3	846.5	875.8	899.2
50°	516.4	574.6	631.4	684.8	735.0	780.7	820.9	856.6	886.4	912.6	935.1
47.5°	552.2	613.7	671.7	727.1	776.7	820.9	859.9	891.8	920.7	944.0	966.0
45°	586.8	650.1	710.7	764.8	814.3	856.6	891.8	923.4	948.5	972.3	993.1
42.5°	620.0	684.7	745.1	801.1	846.5	886.4	920.7	948.5	974.3	997.3	1019.4
40°	650.5	717.8	777.4	829.9	875.8	912.6	944.0	972.3	997.3	1021.6	1045.0
37.5°	679.4	746.2	807.0	857.5	899.2	935.1	966.0	993.1	1019.4	1045.0	1075.8
35°	706.8	773.2	831.2	880.7	921.5	954.7	984.9	1013.1	1040.7	1073.0	1108.9
32.5°	731.1	798.7	854.2	900.3	939.2	972.8	1002.7	1032.2	1064.8	1101.6	1146.4
30°	752.9	818.7	874.4	918.7	955.5	988.4	1019.6	1051.3	1089.0	1135.2	1196.2
27.5°	773.2	837.1	890.2	933.7	970.5	1003.1	1035.5	1072.6	1116.8	1171.7	1251.0
25°	791.9	854.2	904.8	946.8	983.1	1016.8	1051.2	1092.5	1144.6	1219.8	1314.0
22.5°	807.5	869.7	918.3	958.8	994.7	1029.4	1068.2	1115.5	1177.1	1265.0	1375.6
20°	820.3	880.7	929.1	969.4	1005.2	1040.8	1083.7	1137.2	1215.0	1317.6	1433.6
17.5°	831.6	890.6	938.0	978.0	1014.6	1052.3	1098.2	1156.8	1249.1	1365.0	1486.7
15°	841.6	899.2	945.8	985.6	1022.9	1063.5	1114.1	1183.1	1284.1	1407.4	1534.0
12.5°	850.0	906.5	952.4	992.0	1029.9	1073.1	1127.7	1206.9	1317.4	1444.9	1577.5
10°	857.0	912.6	957.8	997.4	1035.7	1081.0	1138.9	1226.7	1345.0	1476.0	1613.8
7.5°	862.4	917.3	962.1	1001.5	1040.3	1087.2	1147.8	1242.2	1366.7	1500.5	1642.4
5°	866.3	920.7	965.1	1004.5	1043.6	1091.7	1154.1	1253.3	1382.3	1518.2	1663.1
2.5°	868.6	922.7	967.0	1006.3	1045.5	1094.4	1157.9	1260.1	1391.7	1528.9	1675.6
0°	869.4	923.4	967.6	1006.9	1046.2	1095.3	1159.2	1262.3	1394.9	1532.5	1679.8
-2.5°	868.6	922.7	967.0	1006.3	1045.5	1094.4	1157.9	1260.1	1391.7	1528.9	1675.6
-5°	866.3	920.7	965.1	1004.5	1043.6	1091.7	1154.1	1253.3	1382.3	1518.2	1663.1
-7.5°	862.4	917.3	962.1	1001.5	1040.3	1087.2	1147.8	1242.2	1366.7	1500.5	1642.4
-10°	857.0	912.6	957.8	997.4	1035.7	1081.0	1138.9	1226.7	1345.0	1476.0	1613.8
-12.5°	850.0	906.5	952.4	992.0	1029.9	1073.1	1127.7	1206.9	1317.4	1444.9	1577.5
-15°	841.6	899.2	945.8	985.6	1022.9	1063.5	1114.1	1183.1	1284.1	1407.4	1534.0
-17.5°	831.6	890.6	938.0	978.0	1014.6	1052.3	1098.2	1156.8	1249.1	1365.0	1486.7
-20°	820.3	880.7	929.1	969.4	1005.2	1040.8	1083.7	1137.2	1215.0	1317.6	1433.6

Classified

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

Scaled Data Report



REPORT NUMBER: P624798 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-5700K-22

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	807.5	869.7	918.3	958.8	994.7	1029.4	1068.2	1115.5	1177.1	1265.0	1375.6
-25°	791.9	854.2	904.8	946.8	983.1	1016.8	1051.2	1092.5	1144.6	1219.8	1314.0
-27.5°	773.2	837.1	890.2	933.7	970.5	1003.1	1035.5	1072.6	1116.8	1171.7	1251.0
-30°	752.9	818.7	874.4	918.7	955.5	988.4	1019.6	1051.3	1089.0	1135.2	1196.2
-32.5°	731.1	798.7	854.2	900.3	939.2	972.8	1002.7	1032.2	1064.8	1101.6	1146.4
-35°	706.8	773.2	831.2	880.7	921.5	954.7	984.9	1013.1	1040.7	1073.0	1108.9
-37.5°	679.4	746.2	807.0	857.5	899.2	935.1	966.0	993.1	1019.4	1045.0	1075.8
-40°	650.5	717.8	777.4	829.9	875.8	912.6	944.0	972.3	997.3	1021.6	1045.0
-42.5°	620.0	684.7	745.1	801.1	846.5	886.4	920.7	948.5	974.3	997.3	1019.4
-45°	586.8	650.1	710.7	764.8	814.3	856.6	891.8	923.4	948.5	972.3	993.1
-47.5°	552.2	613.7	671.7	727.1	776.7	820.9	859.9	891.8	920.7	944.0	966.0
-50°	516.4	574.6	631.4	684.8	735.0	780.7	820.9	856.6	886.4	912.6	935.1
-52.5°	479.4	534.3	588.1	640.1	689.2	735.0	776.7	814.3	846.5	875.8	899.2
-55°	441.4	492.8	543.3	592.7	640.1	684.8	727.1	764.8	801.1	829.9	857.5
-57.5°	401.1	450.3	497.3	543.3	588.1	631.4	671.7	710.7	745.1	777.4	807.0
-60°	359.2	405.8	450.3	492.8	534.3	574.6	613.7	650.1	684.7	717.8	746.2
-62.5°	317.5	359.2	401.1	441.4	479.4	516.4	552.2	586.8	620.0	650.5	679.4
-65°	280.1	313.6	350.0	387.2	423.5	457.3	489.8	521.2	551.3	580.2	607.7
-67.5°	242.1	272.3	301.8	331.6	364.3	396.0	426.6	454.8	481.9	507.8	532.4
-70°	205.3	230.7	256.6	282.2	307.1	332.4	359.7	385.9	411.0	434.7	456.6
-72.5°	168.4	190.6	212.4	233.5	255.2	276.3	296.7	316.3	336.9	357.9	377.9
-75°	136.0	150.7	168.8	186.9	204.6	221.7	238.3	255.1	271.2	286.6	301.2
-77.5°	107.2	119.4	131.3	142.9	154.7	168.9	182.6	195.8	208.5	220.6	232.0
-80°	80.5	88.0	97.4	106.7	115.7	124.4	132.8	140.9	148.6	157.1	166.3
-82.5°	58.1	63.7	69.2	74.5	79.7	84.7	89.9	96.0	101.8	107.3	112.5
-85°	36.3	39.3	42.9	46.5	49.9	53.3	56.5	59.6	62.6	65.4	68.1
-87.5°	18.1	19.6	21.1	22.5	23.9	25.3	26.5	27.8	29.0	30.1	31.2
-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: P624798 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-5700K-22

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	32.2	33.1	34.0	34.9	35.6	36.3	36.9	37.5	38.0	38.4	38.7
85°	70.6	73.0	75.2	77.3	79.2	80.9	82.5	83.8	85.0	86.1	86.9
82.5°	117.5	122.1	126.5	130.5	134.3	137.6	140.7	143.4	145.7	147.7	149.4
80°	174.9	183.1	190.7	197.7	204.2	210.1	215.5	220.2	224.3	227.8	230.7
77.5°	243.3	254.1	264.2	273.6	282.2	290.1	297.2	303.4	308.9	313.6	317.4
75°	315.0	328.7	342.9	356.0	368.2	379.2	389.2	398.0	405.8	412.3	417.7
72.5°	396.8	414.6	431.0	445.8	459.3	471.7	482.9	492.8	501.4	508.8	514.8
70°	477.2	496.7	515.0	531.9	547.5	561.7	574.6	586.0	596.0	604.4	611.4
67.5°	555.8	577.8	598.4	617.6	634.8	650.1	664.0	676.3	687.0	696.1	703.7
65°	633.3	656.7	678.6	699.0	717.8	733.2	747.1	759.5	770.3	779.5	787.1
62.5°	706.8	731.1	752.9	773.2	791.9	807.5	820.3	831.6	841.6	850.0	857.0
60°	773.2	798.7	818.7	837.1	854.2	869.7	880.7	890.6	899.2	906.5	912.6
57.5°	831.2	854.2	874.4	890.2	904.8	918.3	929.1	938.0	945.8	952.4	957.8
55°	880.7	900.3	918.7	933.7	946.8	958.8	969.4	978.0	985.6	992.0	997.4
52.5°	921.5	939.2	955.5	970.5	983.1	994.7	1005.2	1014.6	1022.9	1029.9	1035.7
50°	954.7	972.8	988.4	1003.1	1016.8	1029.4	1040.8	1052.3	1063.5	1073.1	1081.0
47.5°	984.9	1002.7	1019.6	1035.5	1051.2	1068.2	1083.7	1098.2	1114.1	1127.7	1138.9
45°	1013.1	1032.2	1051.3	1072.6	1092.5	1115.5	1137.2	1156.8	1183.1	1206.9	1226.7
42.5°	1040.7	1064.8	1089.0	1116.8	1144.6	1177.1	1215.0	1249.1	1284.1	1317.4	1345.0
40°	1073.0	1101.6	1135.2	1171.7	1219.8	1265.0	1317.6	1365.0	1407.4	1444.9	1476.0
37.5°	1108.9	1146.4	1196.2	1251.0	1314.0	1375.6	1433.6	1486.7	1534.0	1577.5	1613.8
35°	1150.1	1208.6	1272.2	1347.3	1418.9	1487.5	1552.0	1613.5	1668.1	1715.5	1755.0
32.5°	1208.6	1280.4	1364.1	1445.9	1524.3	1602.4	1675.2	1741.6	1800.9	1857.4	1909.1
30°	1272.2	1364.1	1454.9	1543.7	1633.3	1717.5	1795.9	1875.6	1952.7	2035.9	2149.0
27.5°	1347.3	1445.9	1543.7	1643.6	1739.0	1829.6	1930.6	2042.8	2210.2	2356.9	2630.0
25°	1418.9	1524.3	1633.3	1739.0	1843.1	1958.6	2130.1	2330.7	2699.8	3054.2	3609.0
22.5°	1487.5	1602.4	1717.5	1829.6	1958.6	2159.6	2434.4	2913.0	3597.0	4439.7	5526.9
20°	1552.0	1675.2	1795.9	1930.6	2130.1	2434.4	2985.2	3926.9	5099.6	7058.3	9077.5
17.5°	1613.5	1741.6	1875.6	2042.8	2330.7	2913.0	3926.9	5474.0	7852.3	11576.6	15319.3
15°	1668.1	1800.9	1952.7	2210.2	2699.8	3597.0	5099.6	7852.3	12433.9	18158.3	24945.5
12.5°	1715.5	1857.4	2035.9	2356.9	3054.2	4439.7	7058.3	11576.6	18158.3	26594.0	37331.5
10°	1755.0	1909.1	2149.0	2630.0	3609.0	5526.9	9077.5	15319.3	24945.5	37331.5	53728.6
7.5°	1786.3	1950.1	2239.0	2848.9	4134.1	6761.7	11820.3	20191.5	32190.1	48783.6	72235.6
5°	1808.9	1979.9	2304.5	3008.7	4518.9	7671.9	13858.0	23952.9	38425.5	61113.3	99629.5
2.5°	1822.6	1998.0	2344.3	3105.9	4754.0	8230.4	15115.4	26293.0	42351.5	69020.5	117728.7
0°	1827.2	2004.0	2357.6	3138.6	4833.1	8418.7	15540.7	27088.1	43694.6	71755.2	124109.2
-2.5°	1822.6	1998.0	2344.3	3105.9	4754.0	8230.4	15115.4	26293.0	42351.5	69020.5	117728.7
-5°	1808.9	1979.9	2304.5	3008.7	4518.9	7671.9	13858.0	23952.9	38425.5	61113.3	99629.5
-7.5°	1786.3	1950.1	2239.0	2848.9	4134.1	6761.7	11820.3	20191.5	32190.1	48783.6	72235.6
-10°	1755.0	1909.1	2149.0	2630.0	3609.0	5526.9	9077.5	15319.3	24945.5	37331.5	53728.6
-12.5°	1715.5	1857.4	2035.9	2356.9	3054.2	4439.7	7058.3	11576.6	18158.3	26594.0	37331.5
-15°	1668.1	1800.9	1952.7	2210.2	2699.8	3597.0	5099.6	7852.3	12433.9	18158.3	24945.5
-17.5°	1613.5	1741.6	1875.6	2042.8	2330.7	2913.0	3926.9	5474.0	7852.3	11576.6	15319.3
-20°	1552.0	1675.2	1795.9	1930.6	2130.1	2434.4	2985.2	3926.9	5099.6	7058.3	9077.5

Classified

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

Scaled Data Report



REPORT NUMBER: P624798 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-5700K-22

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1487.5	1602.4	1717.5	1829.6	1958.6	2159.6	2434.4	2913.0	3597.0	4439.7	5526.9
-25°	1418.9	1524.3	1633.3	1739.0	1843.1	1958.6	2130.1	2330.7	2699.8	3054.2	3609.0
-27.5°	1347.3	1445.9	1543.7	1643.6	1739.0	1829.6	1930.6	2042.8	2210.2	2356.9	2630.0
-30°	1272.2	1364.1	1454.9	1543.7	1633.3	1717.5	1795.9	1875.6	1952.7	2035.9	2149.0
-32.5°	1208.6	1280.4	1364.1	1445.9	1524.3	1602.4	1675.2	1741.6	1800.9	1857.4	1909.1
-35°	1150.1	1208.6	1272.2	1347.3	1418.9	1487.5	1552.0	1613.5	1668.1	1715.5	1755.0
-37.5°	1108.9	1146.4	1196.2	1251.0	1314.0	1375.6	1433.6	1486.7	1534.0	1577.5	1613.8
-40°	1073.0	1101.6	1135.2	1171.7	1219.8	1265.0	1317.6	1365.0	1407.4	1444.9	1476.0
-42.5°	1040.7	1064.8	1089.0	1116.8	1144.6	1177.1	1215.0	1249.1	1284.1	1317.4	1345.0
-45°	1013.1	1032.2	1051.3	1072.6	1092.5	1115.5	1137.2	1156.8	1183.1	1206.9	1226.7
-47.5°	984.9	1002.7	1019.6	1035.5	1051.2	1068.2	1083.7	1098.2	1114.1	1127.7	1138.9
-50°	954.7	972.8	988.4	1003.1	1016.8	1029.4	1040.8	1052.3	1063.5	1073.1	1081.0
-52.5°	921.5	939.2	955.5	970.5	983.1	994.7	1005.2	1014.6	1022.9	1029.9	1035.7
-55°	880.7	900.3	918.7	933.7	946.8	958.8	969.4	978.0	985.6	992.0	997.4
-57.5°	831.2	854.2	874.4	890.2	904.8	918.3	929.1	938.0	945.8	952.4	957.8
-60°	773.2	798.7	818.7	837.1	854.2	869.7	880.7	890.6	899.2	906.5	912.6
-62.5°	706.8	731.1	752.9	773.2	791.9	807.5	820.3	831.6	841.6	850.0	857.0
-65°	633.3	656.7	678.6	699.0	717.8	733.2	747.1	759.5	770.3	779.5	787.1
-67.5°	555.8	577.8	598.4	617.6	634.8	650.1	664.0	676.3	687.0	696.1	703.7
-70°	477.2	496.7	515.0	531.9	547.5	561.7	574.6	586.0	596.0	604.4	611.4
-72.5°	396.8	414.6	431.0	445.8	459.3	471.7	482.9	492.8	501.4	508.8	514.8
-75°	315.0	328.7	342.9	356.0	368.2	379.2	389.2	398.0	405.8	412.3	417.7
-77.5°	243.3	254.1	264.2	273.6	282.2	290.1	297.2	303.4	308.9	313.6	317.4
-80°	174.9	183.1	190.7	197.7	204.2	210.1	215.5	220.2	224.3	227.8	230.7
-82.5°	117.5	122.1	126.5	130.5	134.3	137.6	140.7	143.4	145.7	147.7	149.4
-85°	70.6	73.0	75.2	77.3	79.2	80.9	82.5	83.8	85.0	86.1	86.9
-87.5°	32.2	33.1	34.0	34.9	35.6	36.3	36.9	37.5	38.0	38.4	38.7
-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: P624798 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-VN-08-E-PRO-5700K-22

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	39.0	39.2	39.3	39.3	39.3	39.2	39.0	38.7	38.4	38.0	37.5
85°	87.6	88.0	88.3	88.4	88.3	88.0	87.6	86.9	86.1	85.0	83.8
82.5°	150.7	151.6	152.1	152.3	152.1	151.6	150.7	149.4	147.7	145.7	143.4
80°	232.9	234.5	235.5	235.8	235.5	234.5	232.9	230.7	227.8	224.3	220.2
77.5°	320.4	322.5	323.8	324.2	323.8	322.5	320.4	317.4	313.6	308.9	303.4
75°	421.9	424.9	426.7	427.3	426.7	424.9	421.9	417.7	412.3	405.8	398.0
72.5°	519.5	522.9	524.9	525.6	524.9	522.9	519.5	514.8	508.8	501.4	492.8
70°	616.8	620.7	623.0	623.8	623.0	620.7	616.8	611.4	604.4	596.0	586.0
67.5°	709.5	713.7	716.3	717.1	716.3	713.7	709.5	703.7	696.1	687.0	676.3
65°	793.0	797.2	799.8	800.6	799.8	797.2	793.0	787.1	779.5	770.3	759.5
62.5°	862.4	866.3	868.6	869.4	868.6	866.3	862.4	857.0	850.0	841.6	831.6
60°	917.3	920.7	922.7	923.4	922.7	920.7	917.3	912.6	906.5	899.2	890.6
57.5°	962.1	965.1	967.0	967.6	967.0	965.1	962.1	957.8	952.4	945.8	938.0
55°	1001.5	1004.5	1006.3	1006.9	1006.3	1004.5	1001.5	997.4	992.0	985.6	978.0
52.5°	1040.3	1043.6	1045.5	1046.2	1045.5	1043.6	1040.3	1035.7	1029.9	1022.9	1014.6
50°	1087.2	1091.7	1094.4	1095.3	1094.4	1091.7	1087.2	1081.0	1073.1	1063.5	1052.3
47.5°	1147.8	1154.1	1157.9	1159.2	1157.9	1154.1	1147.8	1138.9	1127.7	1114.1	1098.2
45°	1242.2	1253.3	1260.1	1262.3	1260.1	1253.3	1242.2	1226.7	1206.9	1183.1	1156.8
42.5°	1366.7	1382.3	1391.7	1394.9	1391.7	1382.3	1366.7	1345.0	1317.4	1284.1	1249.1
40°	1500.5	1518.2	1528.9	1532.5	1528.9	1518.2	1500.5	1476.0	1444.9	1407.4	1365.0
37.5°	1642.4	1663.1	1675.6	1679.8	1675.6	1663.1	1642.4	1613.8	1577.5	1534.0	1486.7
35°	1786.3	1808.9	1822.6	1827.2	1822.6	1808.9	1786.3	1755.0	1715.5	1668.1	1613.5
32.5°	1950.1	1979.9	1998.0	2004.0	1998.0	1979.9	1950.1	1909.1	1857.4	1800.9	1741.6
30°	2239.0	2304.5	2344.3	2357.6	2344.3	2304.5	2239.0	2149.0	2035.9	1952.7	1875.6
27.5°	2848.9	3008.7	3105.9	3138.6	3105.9	3008.7	2848.9	2630.0	2356.9	2210.2	2042.8
25°	4134.1	4518.9	4754.0	4833.1	4754.0	4518.9	4134.1	3609.0	3054.2	2699.8	2330.7
22.5°	6761.7	7671.9	8230.4	8418.7	8230.4	7671.9	6761.7	5526.9	4439.7	3597.0	2913.0
20°	11820.3	13858.0	15115.4	15540.7	15115.4	13858.0	11820.3	9077.5	7058.3	5099.6	3926.9
17.5°	20191.5	23952.9	26293.0	27088.1	26293.0	23952.9	20191.5	15319.3	11576.6	7852.3	5474.0
15°	32190.1	38425.5	42351.5	43694.6	42351.5	38425.5	32190.1	24945.5	18158.3	12433.9	7852.3
12.5°	48783.6	61113.3	69020.5	71755.2	69020.5	61113.3	48783.6	37331.5	26594.0	18158.3	11576.6
10°	72235.6	99629.5	117728.7	124109.2	117728.7	99629.5	72235.6	53728.6	37331.5	24945.5	15319.3
7.5°	111724.1	155210.9	199350.6	218060.4	199350.6	155210.9	111724.1	72235.6	48783.6	32190.1	20191.5
5°	155210.9	238161.1	320721.7	356374.3	320721.7	238161.1	155210.9	99629.5	61113.3	38425.5	23952.9
2.5°	199350.6	320721.7	442110.7	490564.8	442110.7	320721.7	199350.6	117728.7	69020.5	42351.5	26293.0
0°	218060.4	356374.3	490564.8	545077.4	490564.8	356374.3	218060.4	124109.2	71755.2	43694.6	27088.1
-2.5°	199350.6	320721.7	442110.7	490564.8	442110.7	320721.7	199350.6	117728.7	69020.5	42351.5	26293.0
-5°	155210.9	238161.1	320721.7	356374.3	320721.7	238161.1	155210.9	99629.5	61113.3	38425.5	23952.9
-7.5°	111724.1	155210.9	199350.6	218060.4	199350.6	155210.9	111724.1	72235.6	48783.6	32190.1	20191.5
-10°	72235.6	99629.5	117728.7	124109.2	117728.7	99629.5	72235.6	53728.6	37331.5	24945.5	15319.3
-12.5°	48783.6	61113.3	69020.5	71755.2	69020.5	61113.3	48783.6	37331.5	26594.0	18158.3	11576.6
-15°	32190.1	38425.5	42351.5	43694.6	42351.5	38425.5	32190.1	24945.5	18158.3	12433.9	7852.3
-17.5°	20191.5	23952.9	26293.0	27088.1	26293.0	23952.9	20191.5	15319.3	11576.6	7852.3	5474.0
-20°	11820.3	13858.0	15115.4	15540.7	15115.4	13858.0	11820.3	9077.5	7058.3	5099.6	3926.9



REPORT NUMBER: P624798 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-5700K-22

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6761.7	7671.9	8230.4	8418.7	8230.4	7671.9	6761.7	5526.9	4439.7	3597.0	2913.0
-25°	4134.1	4518.9	4754.0	4833.1	4754.0	4518.9	4134.1	3609.0	3054.2	2699.8	2330.7
-27.5°	2848.9	3008.7	3105.9	3138.6	3105.9	3008.7	2848.9	2630.0	2356.9	2210.2	2042.8
-30°	2239.0	2304.5	2344.3	2357.6	2344.3	2304.5	2239.0	2149.0	2035.9	1952.7	1875.6
-32.5°	1950.1	1979.9	1998.0	2004.0	1998.0	1979.9	1950.1	1909.1	1857.4	1800.9	1741.6
-35°	1786.3	1808.9	1822.6	1827.2	1822.6	1808.9	1786.3	1755.0	1715.5	1668.1	1613.5
-37.5°	1642.4	1663.1	1675.6	1679.8	1675.6	1663.1	1642.4	1613.8	1577.5	1534.0	1486.7
-40°	1500.5	1518.2	1528.9	1532.5	1528.9	1518.2	1500.5	1476.0	1444.9	1407.4	1365.0
-42.5°	1366.7	1382.3	1391.7	1394.9	1391.7	1382.3	1366.7	1345.0	1317.4	1284.1	1249.1
-45°	1242.2	1253.3	1260.1	1262.3	1260.1	1253.3	1242.2	1226.7	1206.9	1183.1	1156.8
-47.5°	1147.8	1154.1	1157.9	1159.2	1157.9	1154.1	1147.8	1138.9	1127.7	1114.1	1098.2
-50°	1087.2	1091.7	1094.4	1095.3	1094.4	1091.7	1087.2	1081.0	1073.1	1063.5	1052.3
-52.5°	1040.3	1043.6	1045.5	1046.2	1045.5	1043.6	1040.3	1035.7	1029.9	1022.9	1014.6
-55°	1001.5	1004.5	1006.3	1006.9	1006.3	1004.5	1001.5	997.4	992.0	985.6	978.0
-57.5°	962.1	965.1	967.0	967.6	967.0	965.1	962.1	957.8	952.4	945.8	938.0
-60°	917.3	920.7	922.7	923.4	922.7	920.7	917.3	912.6	906.5	899.2	890.6
-62.5°	862.4	866.3	868.6	869.4	868.6	866.3	862.4	857.0	850.0	841.6	831.6
-65°	793.0	797.2	799.8	800.6	799.8	797.2	793.0	787.1	779.5	770.3	759.5
-67.5°	709.5	713.7	716.3	717.1	716.3	713.7	709.5	703.7	696.1	687.0	676.3
-70°	616.8	620.7	623.0	623.8	623.0	620.7	616.8	611.4	604.4	596.0	586.0
-72.5°	519.5	522.9	524.9	525.6	524.9	522.9	519.5	514.8	508.8	501.4	492.8
-75°	421.9	424.9	426.7	427.3	426.7	424.9	421.9	417.7	412.3	405.8	398.0
-77.5°	320.4	322.5	323.8	324.2	323.8	322.5	320.4	317.4	313.6	308.9	303.4
-80°	232.9	234.5	235.5	235.8	235.5	234.5	232.9	230.7	227.8	224.3	220.2
-82.5°	150.7	151.6	152.1	152.3	152.1	151.6	150.7	149.4	147.7	145.7	143.4
-85°	87.6	88.0	88.3	88.4	88.3	88.0	87.6	86.9	86.1	85.0	83.8
-87.5°	39.0	39.2	39.3	39.3	39.3	39.2	39.0	38.7	38.4	38.0	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



REPORT NUMBER: P624798 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-VN-08-E-PRO-5700K-22

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	36.9	36.3	35.6	34.9	34.0	33.1	32.2	31.2	30.1	29.0	27.8
85°	82.5	80.9	79.2	77.3	75.2	73.0	70.6	68.1	65.4	62.6	59.6
82.5°	140.7	137.6	134.3	130.5	126.5	122.1	117.5	112.5	107.3	101.8	96.0
80°	215.5	210.1	204.2	197.7	190.7	183.1	174.9	166.3	157.1	148.6	140.9
77.5°	297.2	290.1	282.2	273.6	264.2	254.1	243.3	232.0	220.6	208.5	195.8
75°	389.2	379.2	368.2	356.0	342.9	328.7	315.0	301.2	286.6	271.2	255.1
72.5°	482.9	471.7	459.3	445.8	431.0	414.6	396.8	377.9	357.9	336.9	316.3
70°	574.6	561.7	547.5	531.9	515.0	496.7	477.2	456.6	434.7	411.0	385.9
67.5°	664.0	650.1	634.8	617.6	598.4	577.8	555.8	532.4	507.8	481.9	454.8
65°	747.1	733.2	717.8	699.0	678.6	656.7	633.3	607.7	580.2	551.3	521.2
62.5°	820.3	807.5	791.9	773.2	752.9	731.1	706.8	679.4	650.5	620.0	586.8
60°	880.7	869.7	854.2	837.1	818.7	798.7	773.2	746.2	717.8	684.7	650.1
57.5°	929.1	918.3	904.8	890.2	874.4	854.2	831.2	807.0	777.4	745.1	710.7
55°	969.4	958.8	946.8	933.7	918.7	900.3	880.7	857.5	829.9	801.1	764.8
52.5°	1005.2	994.7	983.1	970.5	955.5	939.2	921.5	899.2	875.8	846.5	814.3
50°	1040.8	1029.4	1016.8	1003.1	988.4	972.8	954.7	935.1	912.6	886.4	856.6
47.5°	1083.7	1068.2	1051.2	1035.5	1019.6	1002.7	984.9	966.0	944.0	920.7	891.8
45°	1137.2	1115.5	1092.5	1072.6	1051.3	1032.2	1013.1	993.1	972.3	948.5	923.4
42.5°	1215.0	1177.1	1144.6	1116.8	1089.0	1064.8	1040.7	1019.4	997.3	974.3	948.5
40°	1317.6	1265.0	1219.8	1171.7	1135.2	1101.6	1073.0	1045.0	1021.6	997.3	972.3
37.5°	1433.6	1375.6	1314.0	1251.0	1196.2	1146.4	1108.9	1075.8	1045.0	1019.4	993.1
35°	1552.0	1487.5	1418.9	1347.3	1272.2	1208.6	1150.1	1108.9	1073.0	1040.7	1013.1
32.5°	1675.2	1602.4	1524.3	1445.9	1364.1	1280.4	1208.6	1146.4	1101.6	1064.8	1032.2
30°	1795.9	1717.5	1633.3	1543.7	1454.9	1364.1	1272.2	1196.2	1135.2	1089.0	1051.3
27.5°	1930.6	1829.6	1739.0	1643.6	1543.7	1445.9	1347.3	1251.0	1171.7	1116.8	1072.6
25°	2130.1	1958.6	1843.1	1739.0	1633.3	1524.3	1418.9	1314.0	1219.8	1144.6	1092.5
22.5°	2434.4	2159.6	1958.6	1829.6	1717.5	1602.4	1487.5	1375.6	1265.0	1177.1	1115.5
20°	2985.2	2434.4	2130.1	1930.6	1795.9	1675.2	1552.0	1433.6	1317.6	1215.0	1137.2
17.5°	3926.9	2913.0	2330.7	2042.8	1875.6	1741.6	1613.5	1486.7	1365.0	1249.1	1156.8
15°	5099.6	3597.0	2699.8	2210.2	1952.7	1800.9	1668.1	1534.0	1407.4	1284.1	1183.1
12.5°	7058.3	4439.7	3054.2	2356.9	2035.9	1857.4	1715.5	1577.5	1444.9	1317.4	1206.9
10°	9077.5	5526.9	3609.0	2630.0	2149.0	1909.1	1755.0	1613.8	1476.0	1345.0	1226.7
7.5°	11820.3	6761.7	4134.1	2848.9	2239.0	1950.1	1786.3	1642.4	1500.5	1366.7	1242.2
5°	13858.0	7671.9	4518.9	3008.7	2304.5	1979.9	1808.9	1663.1	1518.2	1382.3	1253.3
2.5°	15115.4	8230.4	4754.0	3105.9	2344.3	1998.0	1822.6	1675.6	1528.9	1391.7	1260.1
0°	15540.7	8418.7	4833.1	3138.6	2357.6	2004.0	1827.2	1679.8	1532.5	1394.9	1262.3
-2.5°	15115.4	8230.4	4754.0	3105.9	2344.3	1998.0	1822.6	1675.6	1528.9	1391.7	1260.1
-5°	13858.0	7671.9	4518.9	3008.7	2304.5	1979.9	1808.9	1663.1	1518.2	1382.3	1253.3
-7.5°	11820.3	6761.7	4134.1	2848.9	2239.0	1950.1	1786.3	1642.4	1500.5	1366.7	1242.2
-10°	9077.5	5526.9	3609.0	2630.0	2149.0	1909.1	1755.0	1613.8	1476.0	1345.0	1226.7
-12.5°	7058.3	4439.7	3054.2	2356.9	2035.9	1857.4	1715.5	1577.5	1444.9	1317.4	1206.9
-15°	5099.6	3597.0	2699.8	2210.2	1952.7	1800.9	1668.1	1534.0	1407.4	1284.1	1183.1
-17.5°	3926.9	2913.0	2330.7	2042.8	1875.6	1741.6	1613.5	1486.7	1365.0	1249.1	1156.8
-20°	2985.2	2434.4	2130.1	1930.6	1795.9	1675.2	1552.0	1433.6	1317.6	1215.0	1137.2

Classified

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

Scaled Data Report



REPORT NUMBER: P624798 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-5700K-22

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2434.4	2159.6	1958.6	1829.6	1717.5	1602.4	1487.5	1375.6	1265.0	1177.1	1115.5
-25°	2130.1	1958.6	1843.1	1739.0	1633.3	1524.3	1418.9	1314.0	1219.8	1144.6	1092.5
-27.5°	1930.6	1829.6	1739.0	1643.6	1543.7	1445.9	1347.3	1251.0	1171.7	1116.8	1072.6
-30°	1795.9	1717.5	1633.3	1543.7	1454.9	1364.1	1272.2	1196.2	1135.2	1089.0	1051.3
-32.5°	1675.2	1602.4	1524.3	1445.9	1364.1	1280.4	1208.6	1146.4	1101.6	1064.8	1032.2
-35°	1552.0	1487.5	1418.9	1347.3	1272.2	1208.6	1150.1	1108.9	1073.0	1040.7	1013.1
-37.5°	1433.6	1375.6	1314.0	1251.0	1196.2	1146.4	1108.9	1075.8	1045.0	1019.4	993.1
-40°	1317.6	1265.0	1219.8	1171.7	1135.2	1101.6	1073.0	1045.0	1021.6	997.3	972.3
-42.5°	1215.0	1177.1	1144.6	1116.8	1089.0	1064.8	1040.7	1019.4	997.3	974.3	948.5
-45°	1137.2	1115.5	1092.5	1072.6	1051.3	1032.2	1013.1	993.1	972.3	948.5	923.4
-47.5°	1083.7	1068.2	1051.2	1035.5	1019.6	1002.7	984.9	966.0	944.0	920.7	891.8
-50°	1040.8	1029.4	1016.8	1003.1	988.4	972.8	954.7	935.1	912.6	886.4	856.6
-52.5°	1005.2	994.7	983.1	970.5	955.5	939.2	921.5	899.2	875.8	846.5	814.3
-55°	969.4	958.8	946.8	933.7	918.7	900.3	880.7	857.5	829.9	801.1	764.8
-57.5°	929.1	918.3	904.8	890.2	874.4	854.2	831.2	807.0	777.4	745.1	710.7
-60°	880.7	869.7	854.2	837.1	818.7	798.7	773.2	746.2	717.8	684.7	650.1
-62.5°	820.3	807.5	791.9	773.2	752.9	731.1	706.8	679.4	650.5	620.0	586.8
-65°	747.1	733.2	717.8	699.0	678.6	656.7	633.3	607.7	580.2	551.3	521.2
-67.5°	664.0	650.1	634.8	617.6	598.4	577.8	555.8	532.4	507.8	481.9	454.8
-70°	574.6	561.7	547.5	531.9	515.0	496.7	477.2	456.6	434.7	411.0	385.9
-72.5°	482.9	471.7	459.3	445.8	431.0	414.6	396.8	377.9	357.9	336.9	316.3
-75°	389.2	379.2	368.2	356.0	342.9	328.7	315.0	301.2	286.6	271.2	255.1
-77.5°	297.2	290.1	282.2	273.6	264.2	254.1	243.3	232.0	220.6	208.5	195.8
-80°	215.5	210.1	204.2	197.7	190.7	183.1	174.9	166.3	157.1	148.6	140.9
-82.5°	140.7	137.6	134.3	130.5	126.5	122.1	117.5	112.5	107.3	101.8	96.0
-85°	82.5	80.9	79.2	77.3	75.2	73.0	70.6	68.1	65.4	62.6	59.6
-87.5°	36.9	36.3	35.6	34.9	34.0	33.1	32.2	31.2	30.1	29.0	27.8
-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: P624798 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-5700K-22

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	26.5	25.3	23.9	22.5	21.1	19.6	18.1	16.6	15.0	13.4	11.8
85°	56.5	53.3	49.9	46.5	42.9	39.3	36.3	33.2	30.0	26.9	23.6
82.5°	89.9	84.7	79.7	74.5	69.2	63.7	58.1	52.3	46.4	40.5	35.4
80°	132.8	124.4	115.7	106.7	97.4	88.0	80.5	72.9	65.0	57.1	49.0
77.5°	182.6	168.9	154.7	142.9	131.3	119.4	107.2	94.7	83.5	73.6	63.5
75°	238.3	221.7	204.6	186.9	168.8	150.7	136.0	121.1	105.9	90.4	77.9
72.5°	296.7	276.3	255.2	233.5	212.4	190.6	168.4	147.2	129.5	111.5	93.2
70°	359.7	332.4	307.1	282.2	256.6	230.7	205.3	179.4	153.0	132.3	111.5
67.5°	426.6	396.0	364.3	331.6	301.8	272.3	242.1	212.7	183.1	153.0	129.5
65°	489.8	457.3	423.5	387.2	350.0	313.6	280.1	246.0	212.7	179.4	147.2
62.5°	552.2	516.4	479.4	441.4	401.1	359.2	317.5	280.1	242.1	205.3	168.4
60°	613.7	574.6	534.3	492.8	450.3	405.8	359.2	313.6	272.3	230.7	190.6
57.5°	671.7	631.4	588.1	543.3	497.3	450.3	401.1	350.0	301.8	256.6	212.4
55°	727.1	684.8	640.1	592.7	543.3	492.8	441.4	387.2	331.6	282.2	233.5
52.5°	776.7	735.0	689.2	640.1	588.1	534.3	479.4	423.5	364.3	307.1	255.2
50°	820.9	780.7	735.0	684.8	631.4	574.6	516.4	457.3	396.0	332.4	276.3
47.5°	859.9	820.9	776.7	727.1	671.7	613.7	552.2	489.8	426.6	359.7	296.7
45°	891.8	856.6	814.3	764.8	710.7	650.1	586.8	521.2	454.8	385.9	316.3
42.5°	920.7	886.4	846.5	801.1	745.1	684.7	620.0	551.3	481.9	411.0	336.9
40°	944.0	912.6	875.8	829.9	777.4	717.8	650.5	580.2	507.8	434.7	357.9
37.5°	966.0	935.1	899.2	857.5	807.0	746.2	679.4	607.7	532.4	456.6	377.9
35°	984.9	954.7	921.5	880.7	831.2	773.2	706.8	633.3	555.8	477.2	396.8
32.5°	1002.7	972.8	939.2	900.3	854.2	798.7	731.1	656.7	577.8	496.7	414.6
30°	1019.6	988.4	955.5	918.7	874.4	818.7	752.9	678.6	598.4	515.0	431.0
27.5°	1035.5	1003.1	970.5	933.7	890.2	837.1	773.2	699.0	617.6	531.9	445.8
25°	1051.2	1016.8	983.1	946.8	904.8	854.2	791.9	717.8	634.8	547.5	459.3
22.5°	1068.2	1029.4	994.7	958.8	918.3	869.7	807.5	733.2	650.1	561.7	471.7
20°	1083.7	1040.8	1005.2	969.4	929.1	880.7	820.3	747.1	664.0	574.6	482.9
17.5°	1098.2	1052.3	1014.6	978.0	938.0	890.6	831.6	759.5	676.3	586.0	492.8
15°	1114.1	1063.5	1022.9	985.6	945.8	899.2	841.6	770.3	687.0	596.0	501.4
12.5°	1127.7	1073.1	1029.9	992.0	952.4	906.5	850.0	779.5	696.1	604.4	508.8
10°	1138.9	1081.0	1035.7	997.4	957.8	912.6	857.0	787.1	703.7	611.4	514.8
7.5°	1147.8	1087.2	1040.3	1001.5	962.1	917.3	862.4	793.0	709.5	616.8	519.5
5°	1154.1	1091.7	1043.6	1004.5	965.1	920.7	866.3	797.2	713.7	620.7	522.9
2.5°	1157.9	1094.4	1045.5	1006.3	967.0	922.7	868.6	799.8	716.3	623.0	524.9
0°	1159.2	1095.3	1046.2	1006.9	967.6	923.4	869.4	800.6	717.1	623.8	525.6
-2.5°	1157.9	1094.4	1045.5	1006.3	967.0	922.7	868.6	799.8	716.3	623.0	524.9
-5°	1154.1	1091.7	1043.6	1004.5	965.1	920.7	866.3	797.2	713.7	620.7	522.9
-7.5°	1147.8	1087.2	1040.3	1001.5	962.1	917.3	862.4	793.0	709.5	616.8	519.5
-10°	1138.9	1081.0	1035.7	997.4	957.8	912.6	857.0	787.1	703.7	611.4	514.8
-12.5°	1127.7	1073.1	1029.9	992.0	952.4	906.5	850.0	779.5	696.1	604.4	508.8
-15°	1114.1	1063.5	1022.9	985.6	945.8	899.2	841.6	770.3	687.0	596.0	501.4
-17.5°	1098.2	1052.3	1014.6	978.0	938.0	890.6	831.6	759.5	676.3	586.0	492.8
-20°	1083.7	1040.8	1005.2	969.4	929.1	880.7	820.3	747.1	664.0	574.6	482.9

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P624798 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-5700K-22

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1068.2	1029.4	994.7	958.8	918.3	869.7	807.5	733.2	650.1	561.7	471.7
-25°	1051.2	1016.8	983.1	946.8	904.8	854.2	791.9	717.8	634.8	547.5	459.3
-27.5°	1035.5	1003.1	970.5	933.7	890.2	837.1	773.2	699.0	617.6	531.9	445.8
-30°	1019.6	988.4	955.5	918.7	874.4	818.7	752.9	678.6	598.4	515.0	431.0
-32.5°	1002.7	972.8	939.2	900.3	854.2	798.7	731.1	656.7	577.8	496.7	414.6
-35°	984.9	954.7	921.5	880.7	831.2	773.2	706.8	633.3	555.8	477.2	396.8
-37.5°	966.0	935.1	899.2	857.5	807.0	746.2	679.4	607.7	532.4	456.6	377.9
-40°	944.0	912.6	875.8	829.9	777.4	717.8	650.5	580.2	507.8	434.7	357.9
-42.5°	920.7	886.4	846.5	801.1	745.1	684.7	620.0	551.3	481.9	411.0	336.9
-45°	891.8	856.6	814.3	764.8	710.7	650.1	586.8	521.2	454.8	385.9	316.3
-47.5°	859.9	820.9	776.7	727.1	671.7	613.7	552.2	489.8	426.6	359.7	296.7
-50°	820.9	780.7	735.0	684.8	631.4	574.6	516.4	457.3	396.0	332.4	276.3
-52.5°	776.7	735.0	689.2	640.1	588.1	534.3	479.4	423.5	364.3	307.1	255.2
-55°	727.1	684.8	640.1	592.7	543.3	492.8	441.4	387.2	331.6	282.2	233.5
-57.5°	671.7	631.4	588.1	543.3	497.3	450.3	401.1	350.0	301.8	256.6	212.4
-60°	613.7	574.6	534.3	492.8	450.3	405.8	359.2	313.6	272.3	230.7	190.6
-62.5°	552.2	516.4	479.4	441.4	401.1	359.2	317.5	280.1	242.1	205.3	168.4
-65°	489.8	457.3	423.5	387.2	350.0	313.6	280.1	246.0	212.7	179.4	147.2
-67.5°	426.6	396.0	364.3	331.6	301.8	272.3	242.1	212.7	183.1	153.0	129.5
-70°	359.7	332.4	307.1	282.2	256.6	230.7	205.3	179.4	153.0	132.3	111.5
-72.5°	296.7	276.3	255.2	233.5	212.4	190.6	168.4	147.2	129.5	111.5	93.2
-75°	238.3	221.7	204.6	186.9	168.8	150.7	136.0	121.1	105.9	90.4	77.9
-77.5°	182.6	168.9	154.7	142.9	131.3	119.4	107.2	94.7	83.5	73.6	63.5
-80°	132.8	124.4	115.7	106.7	97.4	88.0	80.5	72.9	65.0	57.1	49.0
-82.5°	89.9	84.7	79.7	74.5	69.2	63.7	58.1	52.3	46.4	40.5	35.4
-85°	56.5	53.3	49.9	46.5	42.9	39.3	36.3	33.2	30.0	26.9	23.6
-87.5°	26.5	25.3	23.9	22.5	21.1	19.6	18.1	16.6	15.0	13.4	11.8
-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: P624798 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-5700K-22

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.2	8.5	6.8	5.1	3.4	1.7	0.0
85°	20.3	17.0	13.6	10.2	6.8	3.4	0.0
82.5°	30.4	25.4	20.4	15.3	10.2	5.1	0.0
80°	40.8	33.9	27.2	20.4	13.6	6.8	0.0
77.5°	53.3	42.9	33.9	25.4	17.0	8.5	0.0
75°	65.6	53.3	40.8	30.4	20.3	10.2	0.0
72.5°	77.9	63.5	49.0	35.4	23.6	11.8	0.0
70°	90.4	73.6	57.1	40.5	26.9	13.4	0.0
67.5°	105.9	83.5	65.0	46.4	30.0	15.0	0.0
65°	121.1	94.7	72.9	52.3	33.2	16.6	0.0
62.5°	136.0	107.2	80.5	58.1	36.3	18.1	0.0
60°	150.7	119.4	88.0	63.7	39.3	19.6	0.0
57.5°	168.8	131.3	97.4	69.2	42.9	21.1	0.0
55°	186.9	142.9	106.7	74.5	46.5	22.5	0.0
52.5°	204.6	154.7	115.7	79.7	49.9	23.9	0.0
50°	221.7	168.9	124.4	84.7	53.3	25.3	0.0
47.5°	238.3	182.6	132.8	89.9	56.5	26.5	0.0
45°	255.1	195.8	140.9	96.0	59.6	27.8	0.0
42.5°	271.2	208.5	148.6	101.8	62.6	29.0	0.0
40°	286.6	220.6	157.1	107.3	65.4	30.1	0.0
37.5°	301.2	232.0	166.3	112.5	68.1	31.2	0.0
35°	315.0	243.3	174.9	117.5	70.6	32.2	0.0
32.5°	328.7	254.1	183.1	122.1	73.0	33.1	0.0
30°	342.9	264.2	190.7	126.5	75.2	34.0	0.0
27.5°	356.0	273.6	197.7	130.5	77.3	34.9	0.0
25°	368.2	282.2	204.2	134.3	79.2	35.6	0.0
22.5°	379.2	290.1	210.1	137.6	80.9	36.3	0.0
20°	389.2	297.2	215.5	140.7	82.5	36.9	0.0
17.5°	398.0	303.4	220.2	143.4	83.8	37.5	0.0
15°	405.8	308.9	224.3	145.7	85.0	38.0	0.0
12.5°	412.3	313.6	227.8	147.7	86.1	38.4	0.0
10°	417.7	317.4	230.7	149.4	86.9	38.7	0.0
7.5°	421.9	320.4	232.9	150.7	87.6	39.0	0.0
5°	424.9	322.5	234.5	151.6	88.0	39.2	0.0
2.5°	426.7	323.8	235.5	152.1	88.3	39.3	0.0
0°	427.3	324.2	235.8	152.3	88.4	39.3	0.0
-2.5°	426.7	323.8	235.5	152.1	88.3	39.3	0.0
-5°	424.9	322.5	234.5	151.6	88.0	39.2	0.0
-7.5°	421.9	320.4	232.9	150.7	87.6	39.0	0.0
-10°	417.7	317.4	230.7	149.4	86.9	38.7	0.0
-12.5°	412.3	313.6	227.8	147.7	86.1	38.4	0.0
-15°	405.8	308.9	224.3	145.7	85.0	38.0	0.0
-17.5°	398.0	303.4	220.2	143.4	83.8	37.5	0.0
-20°	389.2	297.2	215.5	140.7	82.5	36.9	0.0

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REPORT NUMBER: P624798 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-VN-08-E-PRO-5700K-22

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	379.2	290.1	210.1	137.6	80.9	36.3	0.0
-25°	368.2	282.2	204.2	134.3	79.2	35.6	0.0
-27.5°	356.0	273.6	197.7	130.5	77.3	34.9	0.0
-30°	342.9	264.2	190.7	126.5	75.2	34.0	0.0
-32.5°	328.7	254.1	183.1	122.1	73.0	33.1	0.0
-35°	315.0	243.3	174.9	117.5	70.6	32.2	0.0
-37.5°	301.2	232.0	166.3	112.5	68.1	31.2	0.0
-40°	286.6	220.6	157.1	107.3	65.4	30.1	0.0
-42.5°	271.2	208.5	148.6	101.8	62.6	29.0	0.0
-45°	255.1	195.8	140.9	96.0	59.6	27.8	0.0
-47.5°	238.3	182.6	132.8	89.9	56.5	26.5	0.0
-50°	221.7	168.9	124.4	84.7	53.3	25.3	0.0
-52.5°	204.6	154.7	115.7	79.7	49.9	23.9	0.0
-55°	186.9	142.9	106.7	74.5	46.5	22.5	0.0
-57.5°	168.8	131.3	97.4	69.2	42.9	21.1	0.0
-60°	150.7	119.4	88.0	63.7	39.3	19.6	0.0
-62.5°	136.0	107.2	80.5	58.1	36.3	18.1	0.0
-65°	121.1	94.7	72.9	52.3	33.2	16.6	0.0
-67.5°	105.9	83.5	65.0	46.4	30.0	15.0	0.0
-70°	90.4	73.6	57.1	40.5	26.9	13.4	0.0
-72.5°	77.9	63.5	49.0	35.4	23.6	11.8	0.0
-75°	65.6	53.3	40.8	30.4	20.3	10.2	0.0
-77.5°	53.3	42.9	33.9	25.4	17.0	8.5	0.0
-80°	40.8	33.9	27.2	20.4	13.6	6.8	0.0
-82.5°	30.4	25.4	20.4	15.3	10.2	5.1	0.0
-85°	20.3	17.0	13.6	10.2	6.8	3.4	0.0
-87.5°	10.2	8.5	6.8	5.1	3.4	1.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)