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: INVUE

Report Number: P140135

Luminaire Tested: **ENV-F02-LED-E1-SLR**

Issue Date: 03/03/2020

Report Generated By E0454808

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P140135
	REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33647)
Test Lab:	INNOVATION CENTER-P3
Issue Date:	03/03/2020
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	INVUE
Catalog Number:	ENV-F02-LED-E1-SLR
Description:	ENTRI LED LUMINAIRE
	(2) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source:	(14) 4000K CCT, 70 CRI LEDs
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4019.6 lumens
Efficiency:	N/A
Efficacy:	81.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.33' x H: 0')
IES Classification:	Type IV - Short - Non-Cutoff
BUG Rating:	B1 - U0 - G2

Input Watts (W):	49.3
Input Voltage (V):	NR
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	25 FT

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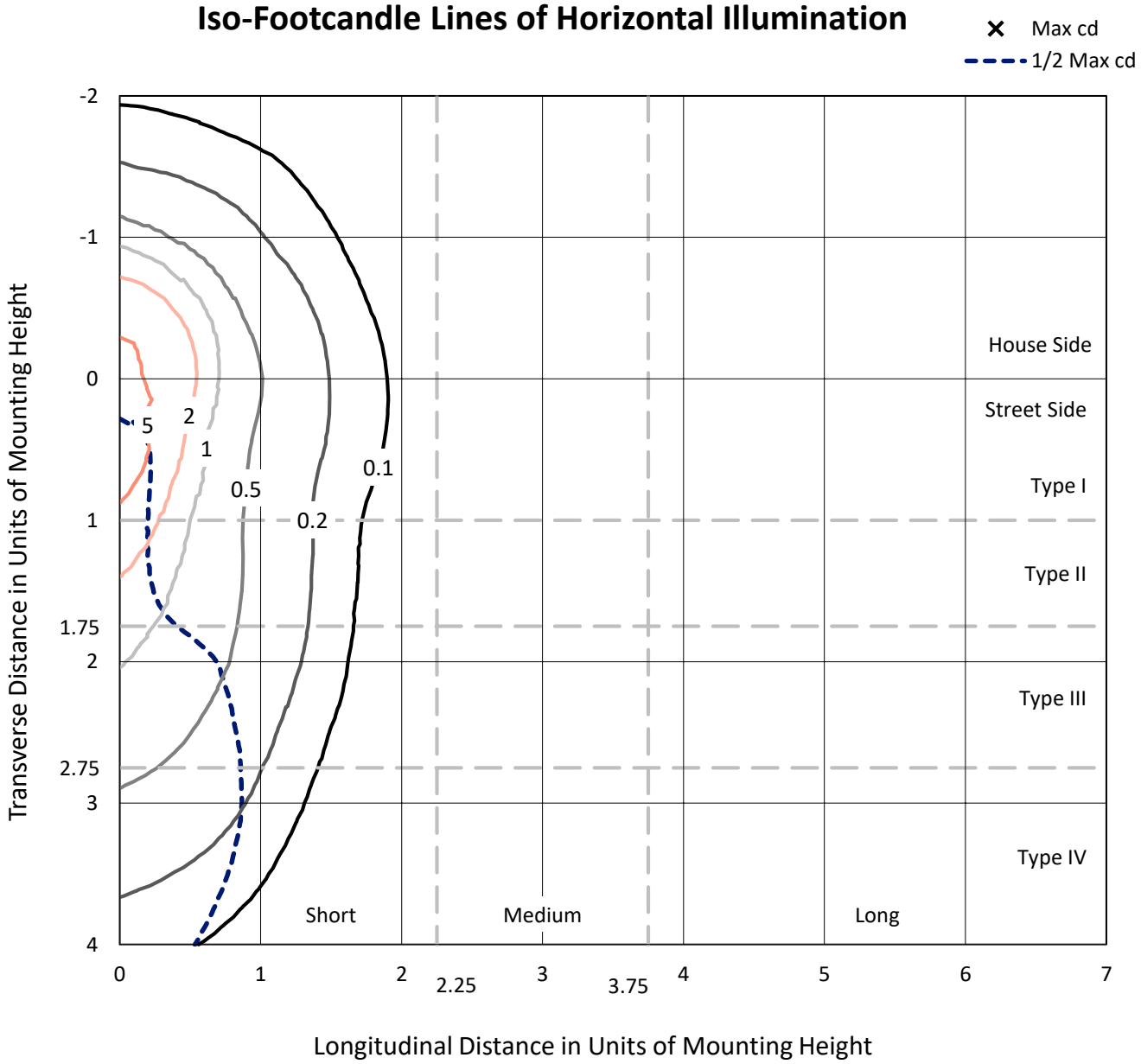
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 8.3 fc
Type IV - Short - Non-Cutoff

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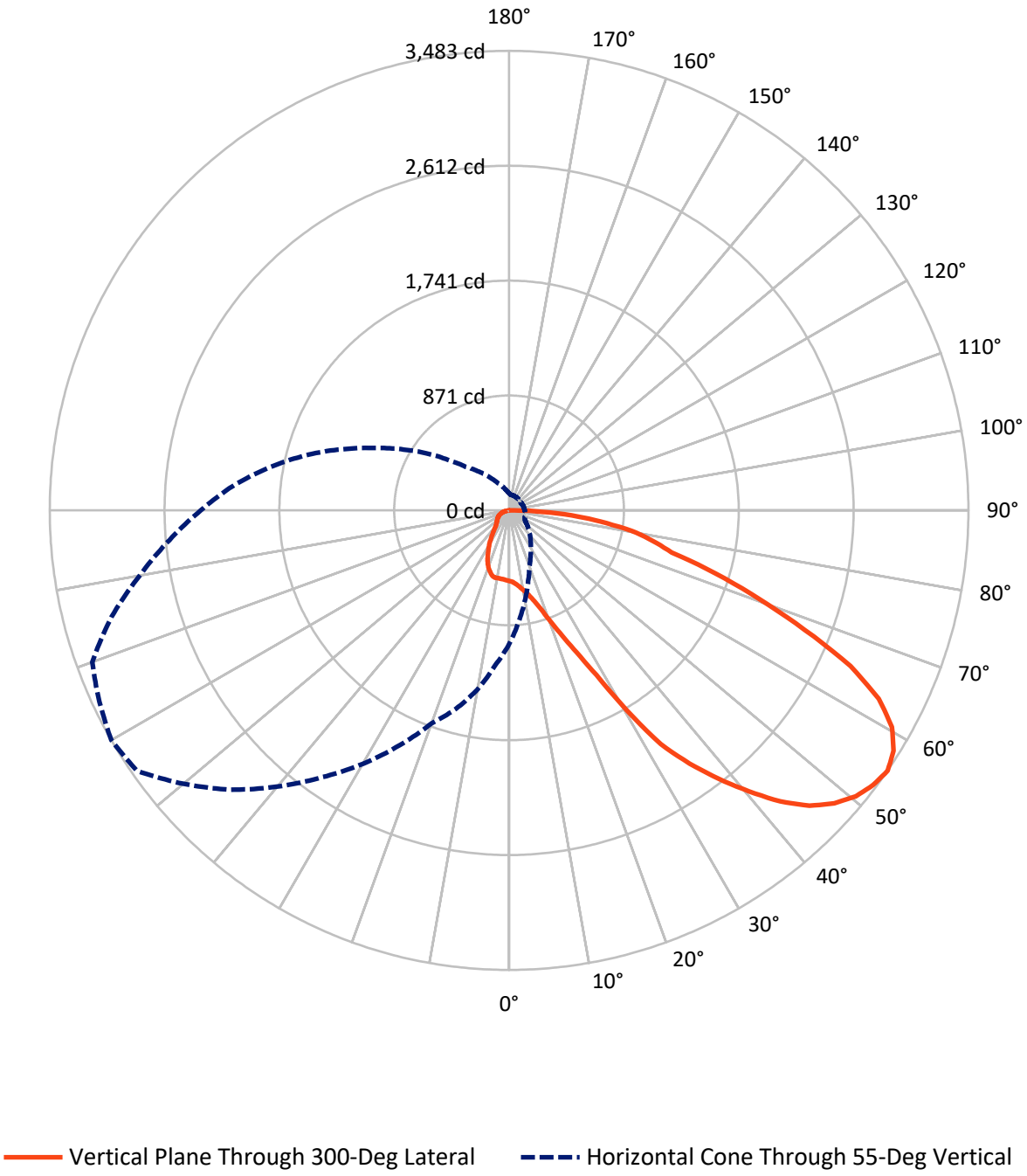
Luminous Intensity Polar Plot



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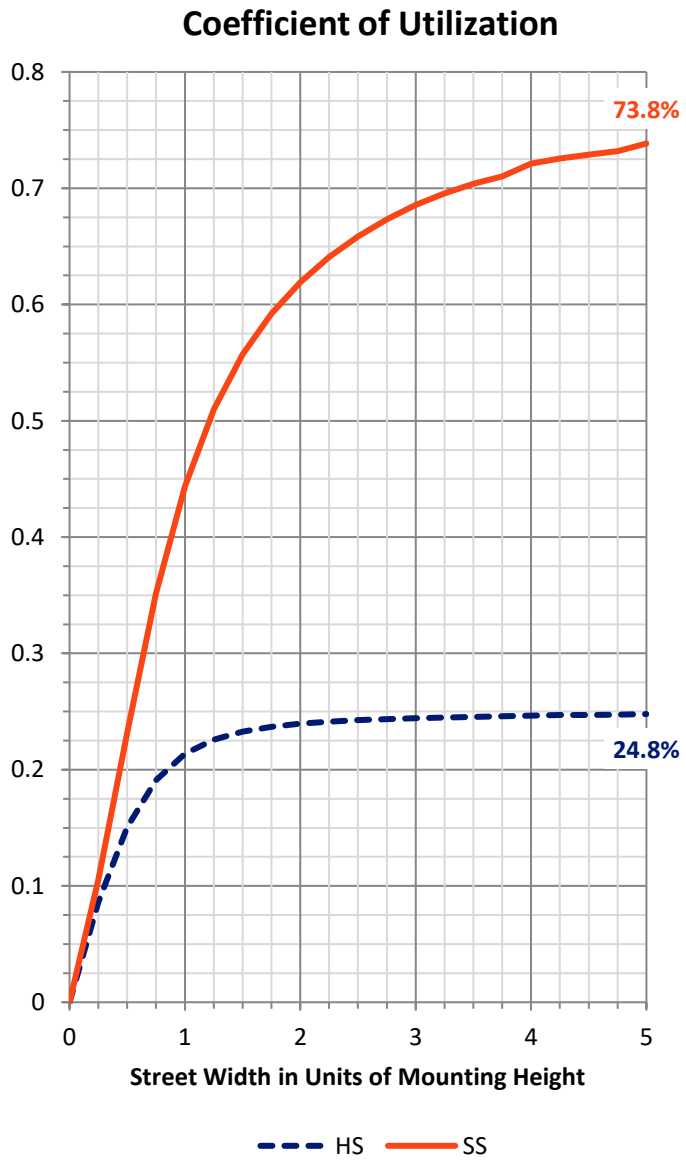
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1004.7	0.0	1004.7
	% Fixture	25.0	0.0	25.0
Street Side	Lumens	3014.9	0.0	3014.9
	% Fixture	75.0	0.0	75.0
Total	Lumens	4019.6	0.0	4019.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.8	1.3
10°-20°	173.5	4.3
20°-30°	336.6	8.4
30°-40°	529.0	13.2
40°-50°	707.2	17.6
50°-60°	829.7	20.6
60°-70°	787.1	19.6
70°-80°	475.1	11.8
80°-90°	128.7	3.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	4019.6	100.0
0°-180°	4019.6	100.0



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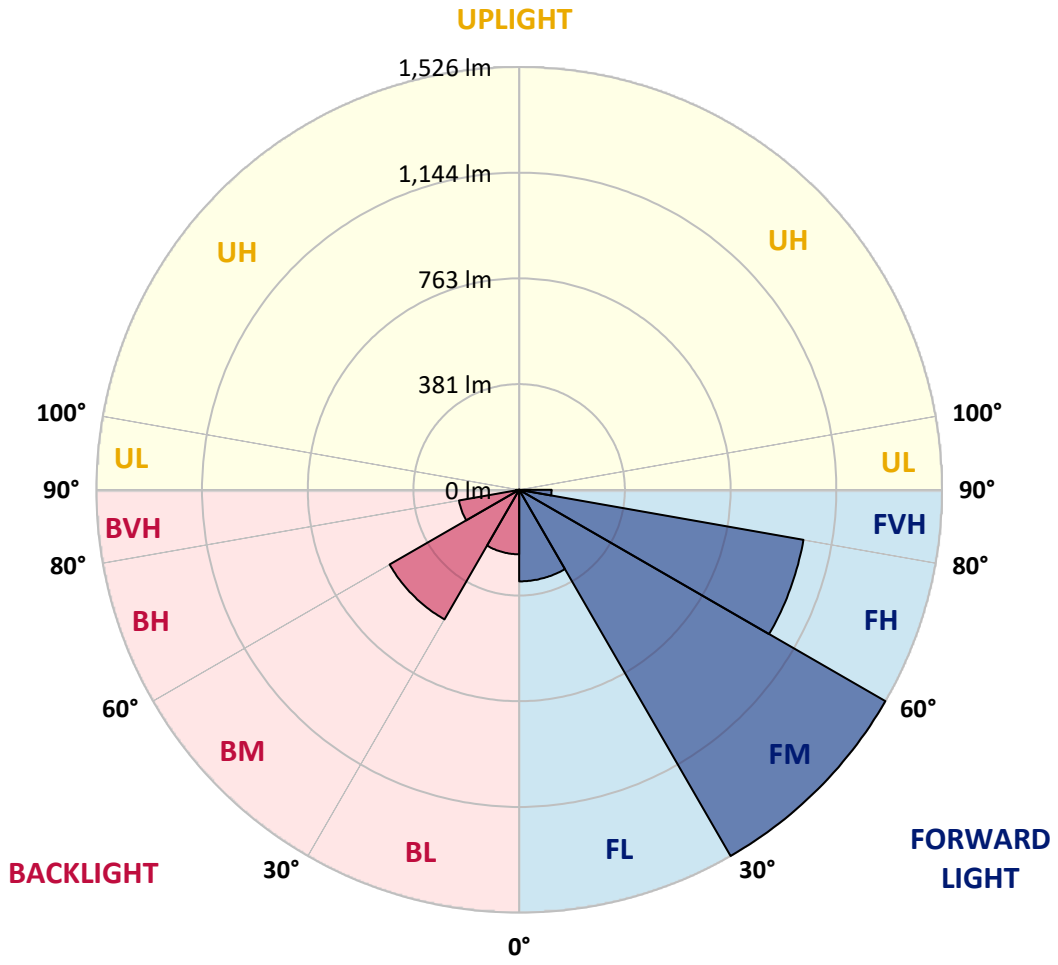
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	330.3	8.2			
FM	(30°-60°)	1525.9	38.0			
FH	(60°-80°)	1041.6	25.9			G1/1800
FVH	(80°-90°)	117.0	2.9			G2/225
BL	(0°-30°)	232.5	5.8	B1/500		
BM	(30°-60°)	539.9	13.4	B1/1000		
BH	(60°-80°)	220.6	5.5	B1/500		G1/500
BVH	(80°-90°)	11.7	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	535.8	535.8	535.8	535.8	535.8	535.8	535.8	535.8	535.8	535.8	535.8
2.5°	547.3	551.5	546.5	547.3	545.7	544.0	544.8	544.0	542.4	542.4	540.7
5°	560.5	561.4	558.1	557.2	555.6	553.1	553.9	551.5	549.8	548.1	544.8
7.5°	576.2	575.4	571.3	568.8	568.0	563.8	563.0	559.7	557.2	554.8	550.6
10°	600.2	593.6	588.6	584.5	582.8	577.9	573.7	572.1	568.0	562.2	558.9
12.5°	634.8	630.7	620.8	612.5	607.6	601.0	595.2	591.1	584.5	576.2	572.1
15°	696.7	683.5	672.0	659.6	649.7	639.0	624.9	614.2	602.6	588.6	577.9
17.5°	776.8	760.3	742.1	722.3	701.7	678.6	651.3	630.7	607.6	583.6	567.1
20°	875.1	844.5	818.9	780.9	743.0	706.6	663.7	627.4	594.4	563.0	539.1
22.5°	985.7	939.4	887.4	829.7	768.6	712.4	652.2	602.6	554.8	516.0	488.7
25°	1112.0	1039.3	960.1	872.6	785.1	701.7	627.4	565.5	514.3	468.1	437.5
27.5°	1189.6	1090.5	995.6	891.6	791.7	695.1	604.3	532.5	473.9	424.3	388.8
30°	1206.1	1106.2	994.8	881.7	778.5	672.8	573.7	493.7	428.4	376.4	340.9
32.5°	1217.6	1102.1	978.2	852.8	740.5	629.0	528.3	449.1	379.7	328.6	287.3
35°	1221.0	1086.4	946.9	807.4	689.3	575.4	474.7	391.3	331.0	280.7	243.5
37.5°	1216.0	1060.8	904.8	760.3	634.0	515.1	416.1	343.4	292.2	243.5	210.5
40°	1196.2	1028.6	866.8	714.9	577.9	454.9	366.5	303.8	260.0	222.9	197.3
42.5°	1170.6	991.5	824.7	662.1	523.4	407.0	326.9	276.6	239.4	213.0	191.5
45°	1138.4	952.7	780.9	615.0	477.2	370.7	303.8	261.7	232.8	209.7	189.9
47.5°	1098.8	911.4	738.8	579.5	445.8	352.5	298.8	261.7	232.8	208.0	186.6
50°	1061.6	874.2	706.6	557.2	431.7	353.3	303.8	265.0	232.0	204.7	180.8
52.5°	1032.7	851.9	693.4	549.0	433.4	361.6	313.7	269.9	234.4	204.7	179.1
55°	*1014.6*	*842.9*	*691.8*	*556.4*	*450.7*	*383.9*	*329.4*	*284.8*	*246.0*	*211.3*	*181.6*
57.5°	1017.0	852.8	711.6	586.9	490.4	422.7	360.8	311.2	262.5	219.6	182.4
60°	1042.6	885.8	759.5	658.8	556.4	474.7	400.4	334.3	269.9	217.1	176.7
62.5°	1107.0	963.4	860.2	757.0	638.1	525.9	424.3	338.5	261.7	204.7	162.6
65°	1229.2	1102.9	1003.8	875.1	705.8	547.3	421.8	326.1	246.0	184.9	143.6
67.5°	1348.9	1215.2	1075.7	881.7	689.3	531.6	394.6	295.5	217.9	158.5	127.1
70°	1464.5	1291.1	1112.0	873.4	641.4	457.3	329.4	246.8	173.4	132.1	109.0
72.5°	1388.5	1188.8	1005.5	770.2	551.5	375.6	262.5	179.1	132.9	109.0	94.1
75°	1060.0	921.3	762.0	591.1	407.0	265.0	175.0	127.1	102.4	85.9	76.8
77.5°	762.8	659.6	529.2	388.0	254.3	167.6	118.9	90.8	75.9	64.4	59.4
80°	442.5	379.7	296.4	213.8	145.3	104.8	79.3	64.4	55.3	47.1	45.4
82.5°	276.6	221.2	156.8	105.7	74.3	57.8	46.2	39.6	33.0	28.9	24.8
85°	119.7	85.9	48.7	27.2	20.6	15.7	12.4	10.7	9.1	8.3	6.6
87.5°	4.1	4.1	4.1	4.1	4.1	4.1	5.0	5.0	5.0	5.0	4.1
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	535.8	535.8	535.8	535.8	535.8	535.8	535.8	535.8	535.8	535.8	535.8
2.5°	540.7	539.1	538.2	538.2	536.6	536.6	534.9	535.8	534.9	533.3	532.5
5°	544.0	541.5	539.9	538.2	535.8	534.9	533.3	533.3	530.8	528.3	527.5
7.5°	548.1	544.8	542.4	539.1	535.8	534.1	530.8	529.2	526.7	524.2	523.4
10°	556.4	550.6	546.5	542.4	536.6	533.3	528.3	525.9	523.4	520.1	518.4
12.5°	565.5	558.1	552.3	542.4	536.6	530.8	525.9	520.9	516.0	512.7	511.8
15°	565.5	556.4	544.0	534.9	526.7	518.4	513.5	508.5	502.7	500.3	499.4
17.5°	551.5	535.8	524.2	514.3	506.9	500.3	495.3	492.8	487.9	482.9	481.3
20°	519.3	501.1	487.9	477.2	468.9	462.3	460.6	458.2	455.7	455.7	456.5
22.5°	466.4	446.6	435.1	423.5	414.4	411.1	411.9	414.4	415.2	414.4	420.2
25°	413.6	394.6	378.9	368.2	357.5	359.9	356.6	362.4	364.9	365.7	372.3
27.5°	362.4	341.8	325.3	316.2	311.2	307.9	305.4	312.9	314.5	320.3	326.1
30°	307.9	288.9	269.9	262.5	258.4	255.9	256.7	263.3	267.5	275.7	280.7
32.5°	257.6	234.4	220.4	210.5	206.4	205.6	206.4	211.3	216.3	227.0	234.4
35°	214.6	192.3	180.8	175.0	169.2	166.8	169.2	170.9	172.5	181.6	190.7
37.5°	189.9	174.2	165.1	159.3	155.2	152.7	152.7	151.9	152.7	154.4	158.5
40°	179.1	167.6	159.3	153.5	150.2	148.6	147.8	146.9	146.1	146.1	146.1
42.5°	175.0	161.8	153.5	148.6	146.9	146.9	146.9	146.1	144.5	142.8	142.0
45°	171.7	157.7	148.6	144.5	144.5	144.5	145.3	144.5	142.8	140.3	137.9
47.5°	165.9	151.9	143.6	140.3	140.3	140.3	141.2	140.3	138.7	137.0	134.6
50°	159.3	144.5	136.2	133.7	132.9	132.9	132.1	131.3	130.4	128.8	126.3
52.5°	155.2	139.5	132.1	130.4	128.8	128.0	126.3	125.5	123.8	123.0	120.5
55°	*154.4*	*136.2*	*129.6*	*128.0*	*126.3*	*123.8*	*120.5*	*118.9*	*115.6*	*114.7*	*113.1*
57.5°	151.9	132.9	125.5	121.4	117.2	114.7	111.4	109.8	108.1	106.5	104.8
60°	143.6	123.0	113.9	111.4	109.0	108.1	106.5	104.8	102.4	99.9	96.6
62.5°	128.0	110.6	104.8	104.0	103.2	101.5	99.9	97.4	95.8	92.5	89.2
65°	115.6	104.0	100.7	99.1	98.2	95.8	94.1	92.5	90.0	87.5	84.2
67.5°	104.8	96.6	94.9	92.5	91.6	90.0	87.5	85.9	83.4	80.9	77.6
70°	94.9	88.3	87.5	85.9	84.2	83.4	80.1	77.6	76.8	73.5	71.0
72.5°	84.2	80.1	78.4	76.8	75.1	74.3	72.6	71.0	69.3	66.0	62.7
75°	70.2	68.5	67.7	66.0	65.2	63.6	61.1	58.6	57.8	55.3	52.8
77.5°	56.1	54.5	54.5	52.8	50.4	47.9	45.4	42.1	42.1	42.1	40.5
80°	39.6	38.0	35.5	34.7	33.0	31.4	28.9	27.2	25.6	25.6	25.6
82.5°	23.1	22.3	20.6	18.2	16.5	15.7	13.2	11.6	10.7	9.1	9.1
85°	5.0	5.0	3.3	3.3	2.5	2.5	2.5	1.7	1.7	0.8	0.8
87.5°	4.1	4.1	4.1	3.3	3.3	3.3	2.5	2.5	2.5	1.7	1.7
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	535.8	535.8	535.8	535.8	535.8	535.8	535.8	535.8	535.8	535.8	535.8
2.5°	532.5	531.6	530.0	526.7	525.9	525.0	525.9	525.9	525.0	525.9	526.7
5°	527.5	526.7	524.2	522.6	520.9	520.9	525.9	525.9	523.4	524.2	527.5
7.5°	523.4	523.4	521.7	520.9	521.7	524.2	528.3	531.6	530.8	535.8	537.4
10°	518.4	519.3	520.1	523.4	528.3	532.5	539.1	544.8	546.5	550.6	553.1
12.5°	513.5	516.8	520.9	527.5	534.1	540.7	548.1	554.8	555.6	559.7	563.0
15°	501.1	506.0	511.8	519.3	529.2	536.6	547.3	552.3	553.9	556.4	560.5
17.5°	482.1	484.6	488.7	497.0	507.7	517.6	530.0	538.2	543.2	546.5	548.1
20°	456.5	461.5	463.9	471.4	477.2	484.6	501.1	511.8	521.7	526.7	531.6
22.5°	421.0	426.8	432.6	440.0	443.3	448.3	463.9	480.5	495.3	505.2	511.0
25°	376.4	383.0	391.3	400.4	404.5	409.5	427.6	444.1	462.3	479.6	487.9
27.5°	331.9	340.1	348.4	359.1	365.7	371.5	387.2	402.9	421.8	438.4	446.6
30°	288.9	300.5	307.9	320.3	326.1	331.9	345.9	363.2	376.4	395.4	406.2
32.5°	244.4	252.6	266.6	280.7	287.3	293.1	306.3	321.1	332.7	351.7	367.4
35°	203.9	211.3	226.2	240.2	244.4	253.4	266.6	279.9	290.6	307.9	322.8
37.5°	165.9	178.3	189.9	200.6	209.7	216.3	228.7	240.2	246.0	262.5	278.2
40°	147.8	153.5	161.8	171.7	177.5	184.1	193.2	203.1	209.7	221.2	234.4
42.5°	141.2	141.2	143.6	148.6	156.0	159.3	167.6	172.5	181.6	186.6	198.1
45°	136.2	134.6	135.4	135.4	137.9	140.3	146.9	151.9	157.7	161.8	169.2
47.5°	132.1	128.8	128.0	126.3	125.5	127.1	132.1	136.2	138.7	142.0	144.5
50°	123.0	120.5	118.1	116.4	115.6	117.2	121.4	124.7	125.5	127.1	128.8
52.5°	118.1	114.7	112.3	109.8	109.8	111.4	114.7	117.2	118.1	118.9	120.5
55°	*111.4*	*109.8*	*108.1*	*105.7*	*104.8*	*107.3*	*109.8*	*112.3*	*113.9*	*113.9*	*115.6*
57.5°	103.2	101.5	103.2	102.4	101.5	103.2	106.5	109.0	109.8	109.8	110.6
60°	94.9	94.1	94.1	95.8	97.4	99.9	102.4	105.7	104.8	103.2	104.0
62.5°	87.5	86.7	87.5	90.0	92.5	94.9	98.2	100.7	98.2	96.6	96.6
65°	82.6	81.7	82.6	83.4	84.2	86.7	90.8	91.6	90.0	90.0	90.0
67.5°	75.9	75.1	74.3	75.1	75.9	76.8	80.1	80.9	80.9	80.9	80.9
70°	67.7	66.9	66.0	66.0	66.0	66.9	67.7	69.3	71.0	72.6	73.5
72.5°	58.6	57.0	57.0	57.0	55.3	56.1	57.0	60.3	61.9	63.6	65.2
75°	49.5	47.9	47.9	46.2	47.1	47.9	47.9	49.5	51.2	53.7	55.3
77.5°	38.8	38.8	38.8	38.0	38.0	38.8	39.6	39.6	41.3	43.8	46.2
80°	24.8	24.8	26.4	27.2	28.1	28.9	30.5	31.4	32.2	34.7	35.5
82.5°	9.1	9.9	10.7	10.7	13.2	16.5	17.3	19.8	21.5	23.9	23.9
85°	0.8	0.8	0.8	0.8	0.8	1.7	2.5	3.3	5.0	7.4	9.1
87.5°	1.7	0.8	0.8	0.8	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

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Scaled Data Report

REPORT NUMBER: P140135
CATALOG NUMBER: ENV-F02-LED-E1-SLR

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	535.8	535.8	535.8	535.8	535.8	535.8	535.8	535.8	535.8	535.8	535.8
2.5°	527.5	530.0	529.2	528.3	529.2	530.8	530.0	530.8	531.6	533.3	532.5
5°	528.3	530.8	531.6	531.6	533.3	535.8	535.8	536.6	537.4	539.1	539.1
7.5°	539.9	545.7	545.7	546.5	549.0	551.5	552.3	553.1	552.3	552.3	552.3
10°	557.2	563.8	564.7	568.8	572.1	571.3	571.3	572.1	570.4	568.8	566.3
12.5°	566.3	572.1	573.7	577.9	582.8	583.6	586.1	587.8	586.1	582.0	577.9
15°	563.8	568.8	572.1	577.0	582.8	586.1	591.1	592.7	591.9	586.9	582.0
17.5°	553.1	558.9	563.0	569.6	576.2	581.2	586.1	588.6	588.6	584.5	581.2
20°	535.8	542.4	548.1	555.6	563.8	569.6	575.4	577.0	577.0	575.4	577.9
22.5°	517.6	525.0	531.6	539.1	549.8	555.6	562.2	567.1	569.6	572.9	583.6
25°	494.5	497.8	506.0	514.3	529.2	539.1	553.1	566.3	579.5	594.4	615.8
27.5°	454.0	459.8	469.7	481.3	496.1	514.3	539.9	565.5	589.4	611.7	638.1
30°	420.2	430.9	441.7	454.9	470.5	487.9	517.6	550.6	579.5	605.9	634.8
32.5°	383.9	397.1	411.1	428.4	443.3	459.0	483.8	520.1	554.8	584.5	615.0
35°	341.8	355.8	369.8	388.0	403.7	423.5	445.8	481.3	520.9	554.8	591.1
37.5°	296.4	308.7	324.4	340.9	359.1	382.2	406.2	439.2	480.5	516.8	558.1
40°	253.4	266.6	282.3	300.5	318.7	343.4	370.7	402.0	440.0	478.8	522.6
42.5°	213.0	230.3	246.8	265.0	284.0	307.1	336.0	369.8	407.8	449.1	495.3
45°	179.1	192.3	209.7	224.5	245.2	267.5	297.2	335.2	378.9	422.7	471.4
47.5°	149.4	157.7	172.5	190.7	209.7	232.8	257.6	295.5	340.1	388.0	442.5
50°	131.3	135.4	146.1	162.6	180.8	203.9	225.4	258.4	303.0	350.0	406.2
52.5°	122.2	123.8	129.6	142.0	159.3	180.0	203.1	231.1	270.8	317.0	370.7
55°	*117.2*	*118.1*	*119.7*	*128.8*	*143.6*	*162.6*	*185.7*	*208.0*	*243.5*	*287.3*	*339.3*
57.5°	111.4	112.3	113.1	118.1	128.8	145.3	165.1	183.3	215.5	254.3	303.8
60°	105.7	107.3	109.0	110.6	118.1	128.8	143.6	159.3	181.6	215.5	255.9
62.5°	98.2	99.9	102.4	104.0	106.5	113.1	122.2	132.1	143.6	167.6	200.6
65°	91.6	93.3	94.1	94.9	96.6	98.2	101.5	104.0	109.8	123.8	146.9
67.5°	82.6	84.2	84.2	85.0	85.9	85.9	87.5	88.3	90.0	94.1	104.0
70°	75.1	75.9	76.8	77.6	77.6	77.6	76.8	77.6	76.8	76.8	80.9
72.5°	66.0	66.9	67.7	68.5	69.3	70.2	71.0	71.0	70.2	68.5	68.5
75°	56.1	56.1	57.8	58.6	59.4	61.9	63.6	61.9	61.9	61.1	61.1
77.5°	47.1	48.7	49.5	49.5	51.2	53.7	55.3	54.5	52.0	52.0	52.8
80°	36.3	37.1	38.0	38.8	39.6	42.1	44.6	45.4	43.8	44.6	44.6
82.5°	23.9	24.8	26.4	27.2	28.1	30.5	33.0	35.5	34.7	36.3	34.7
85°	10.7	12.4	13.2	13.2	15.7	18.2	21.5	23.9	27.2	28.1	25.6
87.5°	0.0	0.8	0.8	0.8	3.3	5.8	10.7	16.5	22.3	17.3	13.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
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CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	535.8	535.8	535.8	535.8	535.8	535.8	535.8	535.8	535.8	535.8	535.8
2.5°	532.5	533.3	534.1	534.9	534.9	536.6	537.4	539.1	539.9	539.9	539.9
5°	539.9	539.9	541.5	542.4	543.2	545.7	546.5	549.0	551.5	552.3	554.8
7.5°	550.6	550.6	550.6	553.1	553.9	555.6	557.2	561.4	564.7	566.3	568.8
10°	564.7	562.2	561.4	562.2	562.2	563.8	568.0	570.4	574.6	582.0	586.9
12.5°	572.9	568.8	568.8	566.3	568.0	569.6	573.7	579.5	586.1	596.9	606.8
15°	577.9	573.7	573.7	573.7	577.9	581.2	588.6	597.7	610.1	624.9	639.8
17.5°	579.5	579.5	582.8	585.3	594.4	601.0	614.2	627.4	643.1	663.7	686.0
20°	583.6	590.3	599.3	605.9	615.8	626.6	639.8	659.6	686.0	712.4	742.1
22.5°	597.7	614.2	625.7	640.6	657.1	670.3	686.0	714.1	743.0	776.0	813.1
25°	639.0	662.1	683.5	700.0	724.8	747.1	769.4	809.8	847.0	885.0	935.3
27.5°	671.2	701.7	733.9	760.3	799.1	831.3	861.8	910.6	951.8	1014.6	1068.2
30°	673.6	711.6	755.4	798.3	847.0	893.2	950.2	998.1	1059.1	1134.3	1204.4
32.5°	658.8	700.0	750.4	802.4	863.5	926.2	993.9	1070.7	1140.9	1225.1	1316.7
35°	636.5	683.5	738.8	797.5	868.5	943.6	1024.5	1120.2	1208.6	1313.4	1427.3
37.5°	609.2	662.1	724.8	793.3	872.6	960.9	1062.5	1176.4	1290.3	1427.3	1569.3
40°	577.9	632.4	703.3	781.8	877.5	987.3	1112.0	1245.7	1395.1	1558.6	1711.3
42.5°	549.0	605.1	679.4	767.7	883.3	1023.7	1180.5	1346.4	1519.0	1685.7	1859.9
45°	528.3	587.8	663.7	763.6	898.2	1065.8	1248.2	1440.5	1632.9	1815.3	2005.2
47.5°	506.0	569.6	654.6	766.1	913.9	1097.1	1298.6	1510.7	1714.6	1924.3	2123.3
50°	470.5	545.7	646.4	772.7	927.9	1116.9	1330.7	1556.1	1779.0	2005.2	2225.6
52.5°	432.6	507.7	624.9	770.2	932.8	1122.7	1347.3	1585.8	1823.6	2062.2	2296.6
55°	*397.9*	*469.7*	*587.8*	*747.1*	*922.1*	*1116.9*	*1352.2*	*1603.2*	*1852.5*	*2104.3*	*2337.1*
57.5°	360.8	433.4	538.2	700.0	884.1	1092.2	1334.9	1594.9	1862.4	2131.5	2360.2
60°	312.0	384.7	482.9	626.6	817.3	1035.2	1278.7	1544.6	1818.6	2105.9	2333.8
62.5°	249.3	317.8	407.0	534.9	726.5	938.6	1176.4	1440.5	1689.0	2002.7	2234.7
65°	179.1	236.9	311.2	425.1	590.3	806.5	1048.4	1279.6	1504.9	1818.6	2076.2
67.5°	121.4	161.0	214.6	303.0	441.7	630.7	856.9	1069.9	1294.4	1587.5	1888.0
70°	88.3	109.8	139.5	196.5	292.2	437.5	616.7	813.1	999.7	1268.0	1590.0
72.5°	71.8	82.6	99.1	125.5	178.3	269.9	406.2	558.1	710.8	892.4	1199.5
75°	63.6	69.3	78.4	91.6	109.8	156.8	237.8	347.5	470.5	585.3	842.0
77.5°	56.1	59.4	63.6	69.3	78.4	96.6	140.3	200.6	277.4	369.0	523.4
80°	44.6	47.9	51.2	55.3	61.1	68.5	86.7	115.6	161.0	203.1	298.8
82.5°	34.7	38.0	41.3	46.2	47.9	48.7	56.1	66.0	85.0	114.7	170.9
85°	25.6	28.1	29.7	31.4	31.4	32.2	33.8	36.3	48.7	84.2	124.7
87.5°	11.6	11.6	11.6	9.9	10.7	8.3	9.1	9.9	15.7	18.2	28.9
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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REPORT N
CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	535.8	535.8	535.8	535.8	535.8	535.8	535.8	535.8	535.8	535.8	535.8	0°
2.5°	542.4	542.4	541.5	541.5	544.0	543.2	544.8	544.8	544.0	544.0	546.5	2.5°
5°	556.4	558.9	557.2	559.7	561.4	562.2	563.8	562.2	565.5	561.4	562.2	5°
7.5°	574.6	576.2	577.9	581.2	585.3	586.1	588.6	587.8	590.3	587.8	584.5	7.5°
10°	593.6	599.3	605.1	607.6	615.8	617.5	617.5	621.6	625.7	620.8	615.0	10°
12.5°	615.8	626.6	638.1	643.9	651.3	657.1	654.6	662.9	667.0	663.7	659.6	12.5°
15°	654.6	671.2	684.4	693.4	700.0	711.6	710.0	725.6	731.4	728.9	729.8	15°
17.5°	705.8	728.1	750.4	766.1	772.7	789.2	791.7	816.4	832.1	829.7	825.5	17.5°
20°	771.0	803.2	834.6	854.4	856.9	899.8	909.7	931.2	948.5	955.1	954.3	20°
22.5°	853.6	891.6	926.2	964.2	999.7	1031.1	1053.4	1092.2	1107.9	1122.7	1118.6	22.5°
25°	967.5	1020.3	1081.4	1114.5	1162.3	1191.2	1240.8	1290.3	1306.0	1320.0	1338.2	25°
27.5°	1130.1	1202.0	1244.9	1318.4	1370.4	1412.5	1490.9	1557.8	1595.7	1584.2	1578.4	27.5°
30°	1285.3	1373.7	1477.7	1579.2	1651.9	1757.5	1815.3	1869.8	1894.6	1858.3	1812.0	30°
32.5°	1416.6	1546.2	1698.9	1853.3	1988.7	2112.5	2148.8	2175.3	2128.2	2078.7	1943.3	32.5°
35°	1554.5	1718.7	1895.4	2093.5	2235.5	2356.9	2432.0	2460.1	2359.4	2212.4	2029.1	35°
37.5°	1719.6	1889.6	2080.3	2297.4	2458.4	2581.4	2614.4	2626.8	2491.4	2301.6	2123.3	37.5°
40°	1869.8	2063.8	2297.4	2498.0	2695.3	2798.5	2817.5	2810.9	2630.9	2406.4	2239.6	40°
42.5°	2035.7	2242.1	2505.5	2737.4	2910.8	3016.5	2999.1	2970.2	2765.5	2538.5	2354.4	42.5°
45°	2196.7	2412.2	2700.3	2954.6	3115.5	3193.1	3161.8	3089.9	2892.6	2640.0	2444.4	45°
47.5°	2337.9	2554.2	2861.3	3126.3	3252.6	3317.8	3283.9	3193.1	2980.1	2708.5	2493.9	47.5°
50°	2451.0	2692.0	2991.7	3246.0	3356.6	3406.1	3386.3	3255.0	3031.3	2750.6	2516.2	50°
52.5°	2539.3	2794.4	3090.8	3328.5	3408.6	3457.3	3445.7	3266.6	3037.9	2757.3	2505.5	52.5°
55°	2585.5	2843.1	3121.3	3363.2	3427.6	3482.9	3442.4	3223.7	2994.2	2732.5	2468.3	55°
57.5°	2592.1	2839.8	3095.7	3331.8	3411.9	3437.5	3378.0	3141.9	2905.0	2655.7	2415.5	57.5°
60°	2529.4	2749.0	2993.4	3240.2	3354.1	3335.9	3254.2	3000.0	2778.7	2549.2	2356.9	60°
62.5°	2389.1	2560.8	2792.8	3037.1	3192.3	3145.2	3079.2	2835.7	2610.3	2380.8	2266.1	62.5°
65°	2209.1	2321.4	2475.7	2715.2	2858.8	2845.6	2815.0	2634.3	2410.5	2191.8	2118.3	65°
67.5°	2032.4	2106.7	2187.6	2364.3	2431.2	2418.0	2422.1	2299.9	2138.1	1925.1	1926.8	67.5°
70°	1760.8	1822.8	1903.7	2013.5	2084.5	2011.8	1925.9	1794.7	1700.6	1671.7	1765.0	70°
72.5°	1369.5	1451.3	1509.1	1615.6	1677.5	1637.8	1567.7	1452.9	1346.4	1383.6	1592.4	72.5°
75°	1029.4	1076.5	1159.9	1258.1	1296.9	1273.0	1324.1	1337.4	1296.1	1271.3	1342.3	75°
77.5°	724.0	771.9	866.8	979.1	1062.5	1114.5	1196.2	1300.2	1310.1	1273.8	1139.2	77.5°
80°	486.2	519.3	577.9	674.5	809.0	944.4	1057.5	1197.8	1183.0	1104.6	957.6	80°
82.5°	298.0	336.0	385.5	468.9	566.3	697.6	804.1	922.1	918.0	846.2	773.5	82.5°
85°	199.8	259.2	322.8	385.5	433.4	474.7	515.1	639.0	686.8	631.5	552.3	85°
87.5°	84.2	142.0	180.0	189.0	204.7	206.4	248.5	306.3	328.6	374.8	369.8	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90°

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report

IUMBER: P140135
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DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
535.8	535.8	535.8	535.8	535.8	535.8	535.8
547.3	546.5	546.5	546.5	547.3	546.5	547.3
563.8	562.2	561.4	561.4	560.5	560.5	560.5
585.3	582.0	582.0	579.5	578.7	576.2	576.2
614.2	610.9	610.1	603.5	603.5	597.7	600.2
656.3	656.3	656.3	648.0	646.4	636.5	634.8
728.9	722.3	728.1	714.1	713.3	700.0	696.7
827.2	827.2	815.6	809.0	804.9	785.9	776.8
957.6	958.4	938.6	920.5	912.2	890.7	875.1
1123.5	1107.9	1083.1	1069.9	1056.7	1021.2	985.7
1341.5	1334.9	1291.1	1243.2	1223.4	1169.8	1112.0
1555.3	1541.3	1471.1	1389.4	1339.0	1265.5	1189.6
1743.5	1651.0	1567.7	1469.4	1392.7	1301.0	1206.1
1841.7	1725.3	1604.0	1523.1	1426.5	1325.0	1217.6
1917.7	1793.0	1672.5	1567.7	1458.7	1344.0	1221.0
2014.3	1883.0	1750.1	1625.5	1492.5	1358.0	1216.0
2121.6	1971.4	1807.1	1656.0	1506.6	1353.0	1196.2
2210.8	2029.1	1836.0	1665.9	1501.6	1332.4	1170.6
2260.3	2053.1	1838.4	1655.2	1481.8	1306.8	1138.4
2283.4	2053.9	1821.9	1631.2	1455.4	1270.5	1098.8
2280.9	2033.3	1790.6	1599.0	1425.7	1232.5	1061.6
2256.2	1999.4	1754.2	1573.5	1400.1	1200.3	1032.7
2218.2	*1963.1*	*1717.9*	*1556.1*	*1378.6*	*1173.9*	*1014.6*
2175.3	1931.7	1691.5	1552.8	1366.2	1168.9	1017.0
2156.3	1935.0	1708.0	1529.7	1359.6	1179.7	1042.6
2143.9	1966.4	1741.9	1545.4	1370.4	1225.1	1107.0
2093.5	2010.2	1793.9	1601.5	1448.0	1331.6	1229.2
2033.3	2022.5	1814.5	1634.5	1536.3	1470.3	1348.9
1970.5	2009.3	1844.2	1721.2	1666.7	1640.3	1464.5
1869.8	1914.4	1760.8	1687.4	1670.9	1651.9	1388.5
1559.4	1567.7	1450.4	1410.0	1438.9	1394.3	1060.0
1121.1	1142.5	1066.6	1077.3	1171.4	1074.8	762.8
830.5	746.3	698.4	730.6	820.6	682.7	442.5
684.4	553.9	469.7	513.5	548.1	402.9	276.6
526.7	422.7	347.5	280.7	267.5	172.5	119.7
413.6	305.4	170.1	95.8	64.4	4.1	4.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)