

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: STREETWORKS

Report Number: P200918

Luminaire Tested: **WKP3BLEDEDGL-7040**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P200918
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P26559)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: WKP3BLEDEDGL-7040
Description: STREETWORKS WALPAK GLASS 2LED 4000K

Light Source: EATON LED 4000K
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3270.1 lumens
Efficiency: N/A
Efficacy: 120.7 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.38' x L: 1' x H: 0.42')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B1 - U3 - G2

Input Watts (W): 27.1
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: 28.75 FT

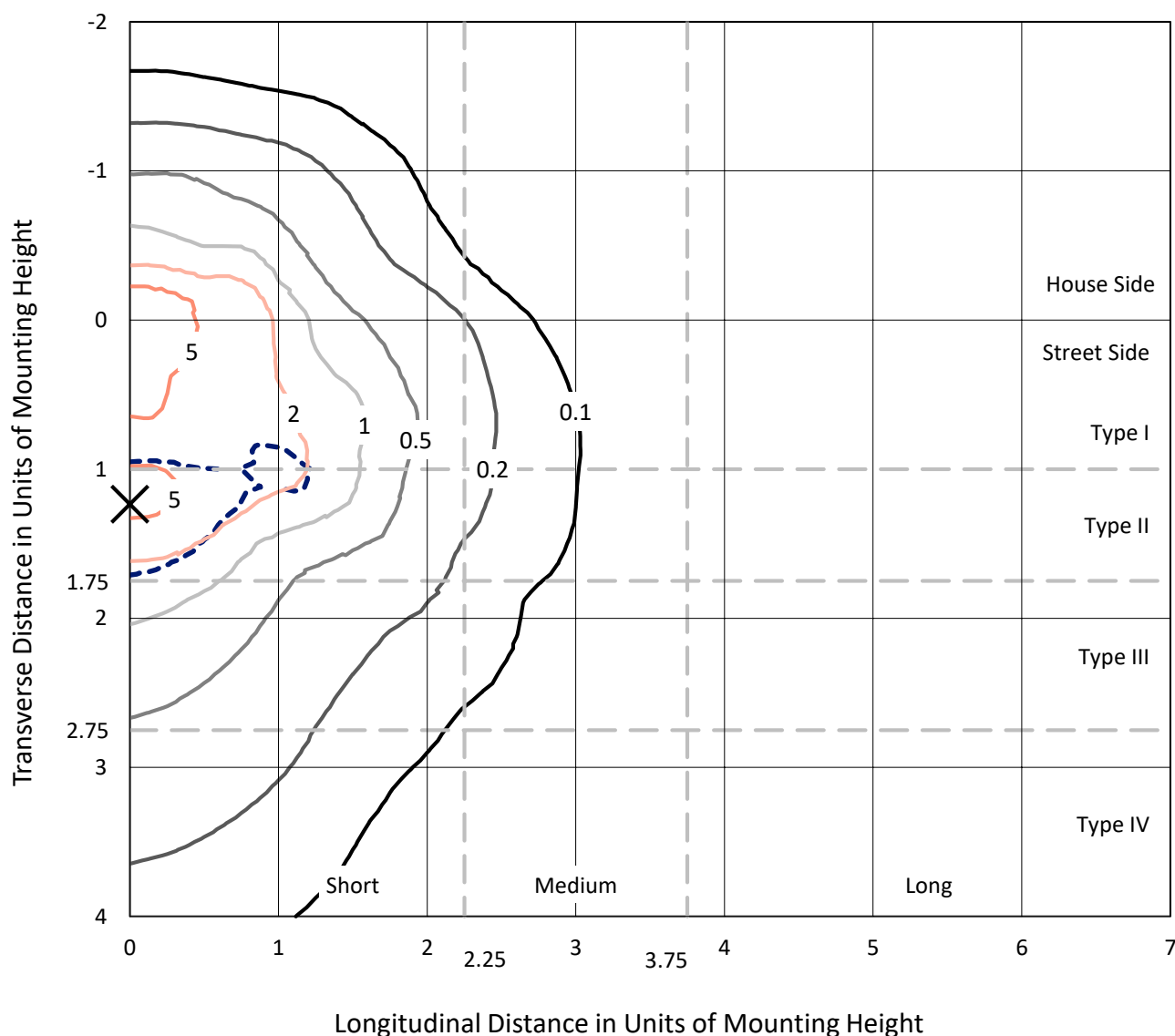


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

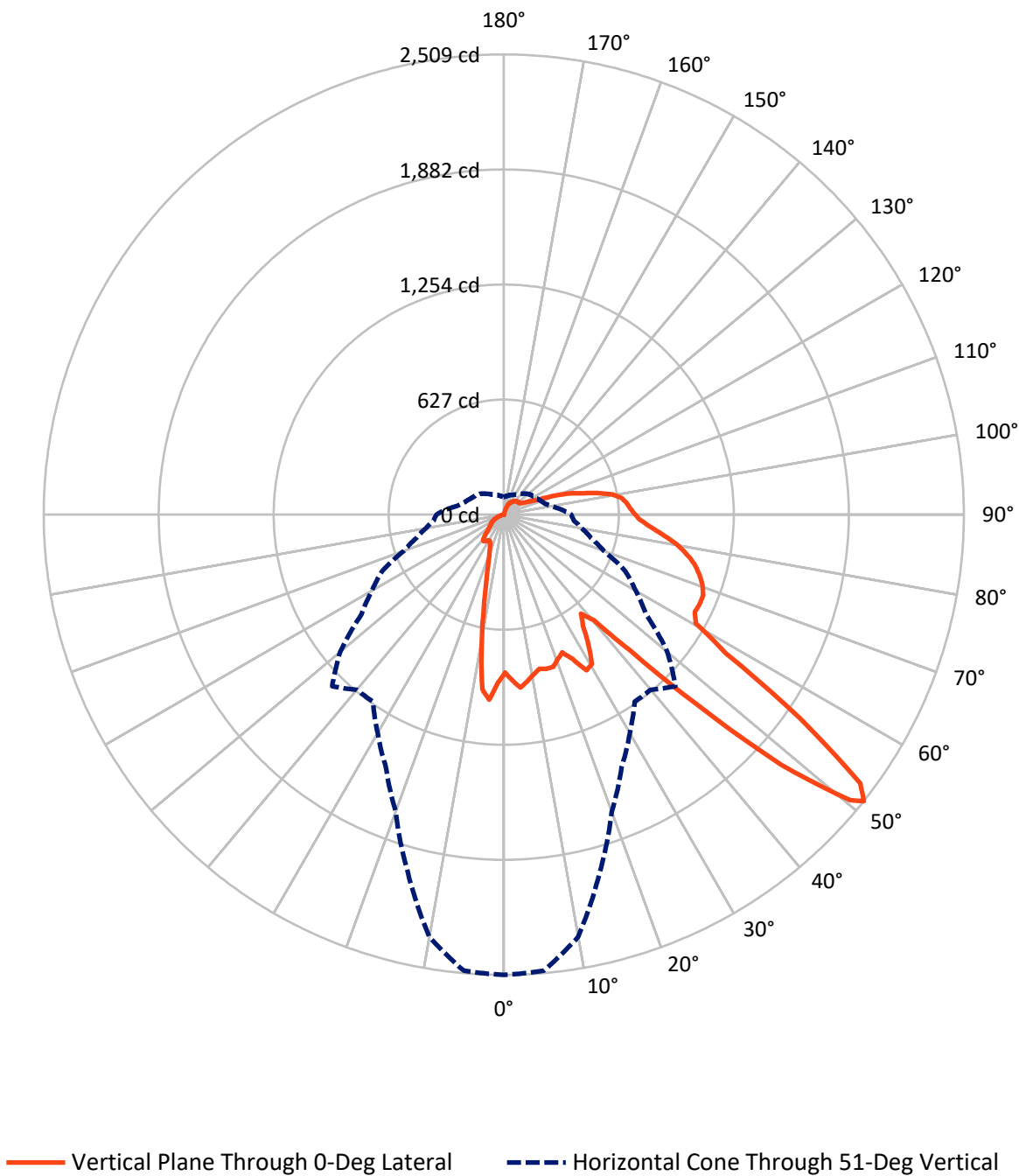


Based on 10 foot mounting height. Maximum calculated value = 9.5 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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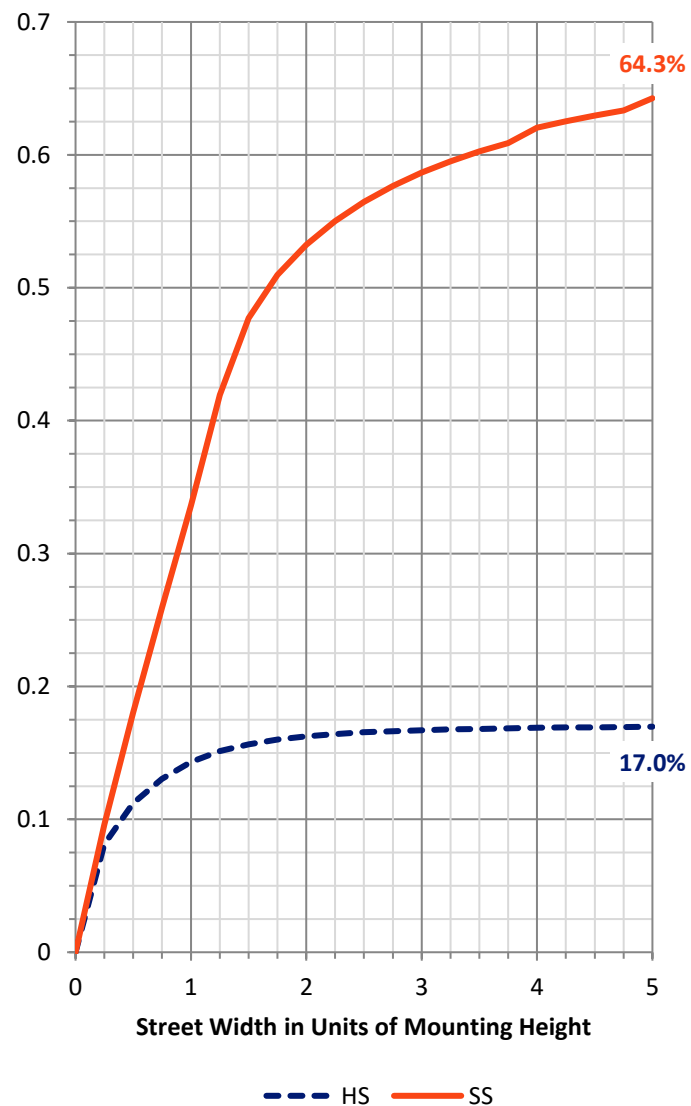
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	561.4	25.9	587.3
	% Fixture	17.2	0.8	18.0
Street Side	Lumens	2253.6	429.2	2682.8
	% Fixture	68.9	13.1	82.0
Total	Lumens	2815.0	455.0	3270.1
	% Fixture	86.1	13.9	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.8	2.7
10°-20°	203.1	6.2
20°-30°	251.2	7.7
30°-40°	320.1	9.8
40°-50°	445.8	13.6
50°-60°	565.3	17.3
60°-70°	400.0	12.2
70°-80°	306.6	9.4
80°-90°	234.0	7.2
90°-100°	179.6	5.5
100°-110°	115.1	3.5
110°-120°	62.4	1.9
120°-130°	42.3	1.3
130°-140°	29.9	0.9
140°-150°	17.4	0.5
150°-160°	7.1	0.2
160°-170°	1.1	0.0
170°-180°	0.2	0.0
0°-90°	2815.0	86.1
0°-180°	3270.1	100.0

Coefficient of Utilization



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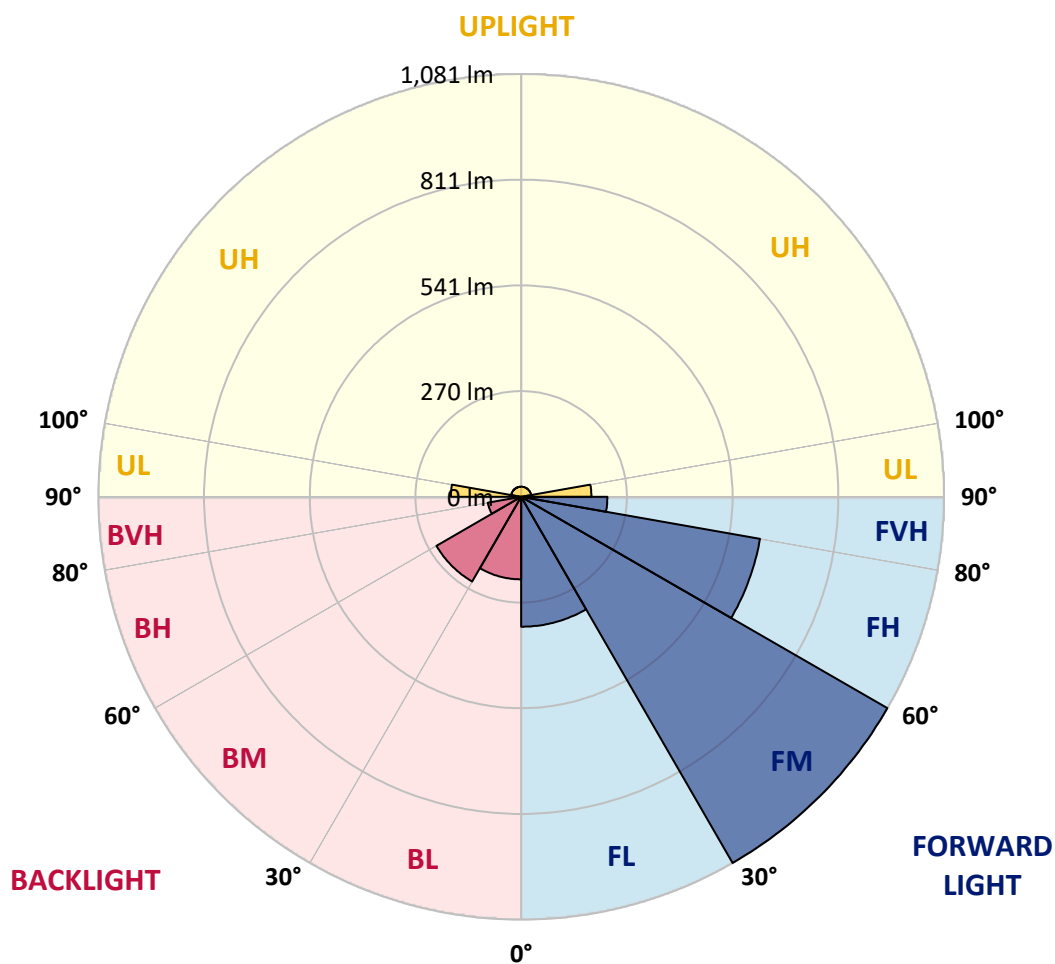
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	332.2	10.2			
FM	(30°-60°)	1081.1	33.1			
FH	(60°-80°)	620.0	19.0			G0/660
FVH	(80°-90°)	220.3	6.7			G2/225
BL	(0°-30°)	211.0	6.5	B1/500		
BM	(30°-60°)	250.2	7.7	B1/1000		
BH	(60°-80°)	86.6	2.6	B0/110		G0/110
BVH	(80°-90°)	13.7	0.4			G1/100
UL	(90°-100°)	179.6	5.5		U3/500	
UH	(100°-180°)	25.9	0.8		U2/50	

BUG Rating: B1-U3-G2

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	860.9	860.9	860.9	860.9	860.9	860.9	860.9	860.9	860.9	860.9	860.9
2.5°	904.9	900.9	906.9	900.9	903.9	901.9	899.9	896.9	894.9	891.9	884.9
5°	946.9	946.9	952.9	957.9	961.9	962.9	968.9	971.9	973.9	974.9	967.9
7.5°	917.9	923.9	931.9	945.9	958.9	972.9	983.9	989.9	988.9	989.9	986.9
10°	886.9	886.9	905.9	924.9	937.9	948.9	959.9	963.9	961.9	959.9	948.9
12.5°	862.9	867.9	888.9	904.9	918.9	929.9	940.9	941.9	928.9	908.9	887.9
15°	871.9	874.9	895.9	904.9	912.9	918.9	917.9	899.9	873.9	854.9	838.9
17.5°	871.9	874.9	893.9	897.9	898.9	892.9	863.9	833.9	813.9	802.9	795.9
20°	840.9	844.9	865.9	869.9	869.9	838.9	793.9	761.9	749.9	739.9	749.9
22.5°	815.9	823.9	839.9	843.9	827.9	776.9	730.9	701.9	687.9	684.9	690.9
25°	870.9	868.9	882.9	870.9	816.9	750.9	702.9	668.9	657.9	647.9	648.9
27.5°	960.9	957.9	971.9	939.9	848.9	760.9	685.9	646.9	622.9	621.9	632.9
30°	945.9	965.9	991.9	965.9	885.9	783.9	700.9	639.9	601.9	597.9	612.9
32.5°	849.9	871.9	922.9	900.9	847.9	773.9	714.9	658.9	613.9	592.9	579.9
35°	742.9	759.9	811.9	805.9	760.9	726.9	690.9	665.9	638.9	598.9	571.9
37.5°	684.9	685.9	719.9	702.9	670.9	663.9	657.9	651.9	641.9	620.9	616.9
40°	756.9	759.9	784.9	738.9	683.9	662.9	668.9	677.9	660.9	656.9	694.9
42.5°	1015.9	1023.9	1036.9	959.9	843.9	781.9	764.9	740.9	721.9	739.9	793.9
45°	1473.9	1487.9	1433.9	1275.9	1086.9	979.9	922.9	850.9	850.9	883.9	890.9
47.5°	2037.8	2013.8	1906.8	1655.8	1394.9	1229.9	1113.9	1024.9	1022.9	1061.9	985.9
50°	2447.8	2439.8	2285.8	1965.8	1668.8	1471.9	1316.9	1191.9	1189.9	1263.9	1108.9
51°	2508.8	2495.8	2336.8	2020.8	1722.8	1519.9	1374.9	1243.9	1245.9	1322.9	1163.9
52.5°	2433.8	2421.8	2279.8	1984.8	1717.8	1537.9	1400.9	1284.9	1278.9	1402.9	1234.9
55°	1958.8	1943.8	1858.8	1665.8	1499.9	1362.9	1297.9	1242.9	1236.9	1412.9	1302.9
57.5°	1427.9	1426.9	1374.9	1287.9	1182.9	1050.9	1014.9	1052.9	1151.9	1307.9	1285.9
60°	1202.9	1167.9	1120.9	1063.9	985.9	848.9	768.9	790.9	947.9	1112.9	1171.9
62.5°	1168.9	1110.9	1033.9	946.9	873.9	755.9	657.9	627.9	745.9	863.9	1008.9
65°	1173.9	1106.9	1005.9	903.9	808.9	697.9	610.9	549.9	596.9	675.9	781.9
67.5°	1172.9	1102.9	996.9	888.9	781.9	663.9	578.9	519.0	515.0	563.9	619.9
70°	1149.9	1082.9	982.9	874.9	764.9	637.9	554.9	507.0	480.0	505.0	501.0
72.5°	1114.9	1055.9	955.9	850.9	740.9	611.9	532.0	495.0	461.0	470.0	450.0
75°	1073.9	1011.9	915.9	816.9	711.9	584.9	509.0	486.0	451.0	453.0	422.0
77.5°	1015.9	962.9	864.9	772.9	673.9	551.9	484.0	468.0	446.0	441.0	407.0
80°	949.9	900.9	809.9	721.9	632.9	523.0	458.0	450.0	437.0	435.0	396.0
82.5°	866.9	826.9	744.9	670.9	591.9	494.0	430.0	423.0	421.0	431.0	381.0
85°	793.9	759.9	688.9	627.9	560.9	472.0	412.0	402.0	409.0	421.0	365.0
87.5°	740.9	707.9	647.9	592.9	534.0	452.0	399.0	390.0	398.0	408.0	346.0
90°	710.9	672.9	617.9	565.9	510.0	437.0	386.0	379.0	384.0	385.0	321.0
92.5°	688.9	649.9	594.9	544.9	493.0	421.0	371.0	360.0	372.0	354.0	297.0
95°	672.9	631.9	577.9	529.0	474.0	402.0	355.0	343.0	346.0	321.0	277.0
97.5°	648.9	607.9	553.9	503.0	443.0	373.0	327.0	317.0	307.0	288.0	253.0
100°	602.9	565.9	508.0	456.0	400.0	336.0	297.0	279.0	266.0	257.0	233.0
102.5°	523.0	487.0	438.0	388.0	344.0	295.0	263.0	240.0	231.0	227.0	211.0
105°	433.0	405.0	364.0	326.0	297.0	258.0	224.0	200.0	199.0	199.0	189.0
107.5°	373.0	349.0	307.0	280.0	252.0	212.0	182.0	170.0	170.0	174.0	169.0



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CATALOG NUMBER: WKP3BLEDEDGL-7040

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
110°	292.0	272.0	242.0	219.0	197.0	171.0	152.0	146.0	148.0	153.0	151.0
112.5°	215.0	203.0	186.0	174.0	161.0	145.0	133.0	129.0	130.0	137.0	137.0
115°	173.0	166.0	156.0	148.0	139.0	129.0	120.0	116.0	116.0	122.0	125.0
117.5°	147.0	143.0	138.0	132.0	124.0	117.0	110.0	106.0	108.0	113.0	120.0
120°	128.0	126.0	121.0	117.0	112.0	107.0	102.0	101.0	104.0	110.0	117.0
122.5°	115.0	113.0	110.0	107.0	103.0	101.0	100.0	100.0	104.0	109.0	112.0
125°	108.0	107.0	104.0	103.0	100.0	101.0	100.0	102.0	105.0	107.0	108.0
127.5°	105.0	104.0	103.0	103.0	102.0	102.0	103.0	104.0	105.0	106.0	104.0
130°	106.0	105.0	105.0	104.0	102.0	102.0	103.0	103.0	103.0	103.0	97.0
132.5°	103.0	103.0	103.0	102.0	101.0	101.0	100.0	99.0	99.0	96.0	90.0
135°	102.0	101.0	101.0	101.0	99.0	97.0	96.0	95.0	93.0	90.0	84.0
137.5°	99.0	98.0	98.0	97.0	95.0	93.0	91.0	89.0	86.0	82.0	77.0
140°	95.0	94.0	94.0	93.0	91.0	88.0	86.0	82.0	79.0	75.0	69.0
142.5°	91.0	91.0	90.0	87.0	85.0	82.0	80.0	77.0	72.0	67.0	61.0
145°	86.0	86.0	83.0	81.0	79.0	76.0	73.0	69.0	64.0	59.0	54.0
147.5°	81.0	80.0	78.0	75.0	72.0	69.0	66.0	62.0	57.0	52.0	44.0
150°	75.0	74.0	72.0	69.0	66.0	63.0	59.0	55.0	50.0	42.0	32.0
152.5°	69.0	69.0	67.0	65.0	62.0	59.0	54.0	47.0	38.0	30.0	22.0
155°	63.0	63.0	62.0	60.0	56.0	52.0	45.0	36.0	27.0	20.0	12.0
157.5°	52.0	52.0	51.0	48.0	43.0	37.0	30.0	22.0	16.0	10.0	6.0
160°	33.0	33.0	32.0	28.0	25.0	21.0	15.0	10.0	6.0	5.0	3.0
162.5°	15.0	15.0	14.0	12.0	9.0	6.0	5.0	4.0	3.0	3.0	2.0
165°	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0
167.5°	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	2.0	2.0	2.0
170°	0.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	2.0	2.0	2.0
172.5°	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0
175°	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0
177.5°	0.0	0.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



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CATALOG NUMBER: WKP3BLEDEDGL-7040

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	860.9	860.9	860.9	860.9	860.9	860.9	860.9	860.9	860.9	860.9	860.9
2.5°	881.9	881.9	880.9	880.9	876.9	876.9	874.9	872.9	869.9	869.9	867.9
5°	959.9	950.9	939.9	926.9	916.9	908.9	902.9	897.9	895.9	896.9	902.9
7.5°	980.9	969.9	953.9	934.9	908.9	890.9	876.9	868.9	870.9	876.9	897.9
10°	934.9	915.9	899.9	883.9	863.9	839.9	821.9	813.9	825.9	840.9	880.9
12.5°	869.9	852.9	833.9	814.9	801.9	778.9	760.9	752.9	767.9	790.9	839.9
15°	817.9	804.9	791.9	776.9	762.9	741.9	721.9	713.9	730.9	763.9	807.9
17.5°	790.9	779.9	767.9	746.9	728.9	709.9	687.9	680.9	702.9	744.9	774.9
20°	753.9	751.9	731.9	720.9	702.9	682.9	664.9	662.9	684.9	720.9	731.9
22.5°	699.9	712.9	713.9	704.9	696.9	675.9	656.9	653.9	680.9	705.9	688.9
25°	665.9	683.9	707.9	700.9	682.9	655.9	635.9	639.9	665.9	680.9	638.9
27.5°	640.9	653.9	672.9	679.9	672.9	657.9	643.9	650.9	679.9	671.9	602.9
30°	609.9	610.9	654.9	696.9	706.9	696.9	688.9	696.9	719.9	698.9	607.9
32.5°	579.9	607.9	675.9	746.9	771.9	765.9	756.9	770.9	780.9	741.9	619.9
35°	588.9	633.9	702.9	789.9	819.9	801.9	792.9	802.9	798.9	736.9	597.9
37.5°	637.9	661.9	708.9	787.9	804.9	780.9	765.9	761.9	751.9	665.9	539.0
40°	709.9	688.9	699.9	740.9	734.9	709.9	678.9	665.9	643.9	551.9	446.0
42.5°	780.9	719.9	691.9	677.9	653.9	601.9	570.9	566.9	528.0	438.0	361.0
45°	852.9	764.9	683.9	630.9	585.9	529.0	491.0	485.0	437.0	362.0	303.0
47.5°	904.9	805.9	681.9	579.9	523.0	475.0	433.0	429.0	373.0	310.0	273.0
50°	932.9	824.9	709.9	571.9	496.0	441.0	397.0	383.0	330.0	273.0	242.0
51°	946.9	830.9	732.9	580.9	493.0	433.0	384.0	367.0	316.0	262.0	232.0
52.5°	982.9	853.9	768.9	610.9	498.0	429.0	373.0	347.0	295.0	244.0	220.0
55°	1043.9	896.9	825.9	672.9	530.0	434.0	368.0	328.0	266.0	223.0	200.0
57.5°	1102.9	923.9	859.9	741.9	568.9	450.0	371.0	322.0	252.0	206.0	183.0
60°	1074.9	870.9	822.9	749.9	563.9	442.0	384.0	332.0	252.0	195.0	166.0
62.5°	941.9	747.9	715.9	682.9	526.0	430.0	384.0	330.0	255.0	183.0	155.0
65°	729.9	628.9	589.9	569.9	477.0	410.0	372.0	312.0	232.0	164.0	148.0
67.5°	547.9	535.0	511.0	467.0	432.0	377.0	335.0	286.0	196.0	149.0	135.0
70°	446.0	476.0	459.0	406.0	389.0	342.0	295.0	237.0	159.0	142.0	122.0
72.5°	392.0	426.0	414.0	378.0	356.0	315.0	262.0	182.0	139.0	118.0	110.0
75°	361.0	386.0	384.0	365.0	334.0	305.0	241.0	147.0	122.0	102.0	100.0
77.5°	338.0	353.0	370.0	342.0	318.0	303.0	197.0	130.0	95.0	87.0	91.0
80°	321.0	329.0	354.0	324.0	291.0	253.0	169.0	116.0	80.0	76.0	83.0
82.5°	303.0	320.0	332.0	295.0	272.0	199.0	133.0	84.0	63.0	68.0	72.0
85°	283.0	319.0	314.0	262.0	225.0	159.0	102.0	61.0	50.0	55.0	58.0
87.5°	268.0	303.0	296.0	238.0	187.0	131.0	83.0	45.0	41.0	43.0	46.0
90°	253.0	284.0	271.0	205.0	157.0	118.0	58.0	35.0	35.0	37.0	38.0
92.5°	240.0	274.0	254.0	178.0	136.0	106.0	50.0	31.0	32.0	34.0	35.0
95°	231.0	258.0	235.0	156.0	121.0	75.0	42.0	30.0	31.0	32.0	32.0
97.5°	218.0	236.0	205.0	133.0	116.0	66.0	38.0	30.0	30.0	30.0	30.0
100°	202.0	219.0	174.0	128.0	91.0	59.0	38.0	32.0	29.0	28.0	29.0
102.5°	189.0	201.0	149.0	129.0	80.0	55.0	39.0	33.0	28.0	27.0	27.0
105°	175.0	174.0	138.0	107.0	75.0	55.0	40.0	32.0	28.0	27.0	26.0
107.5°	161.0	149.0	138.0	93.0	71.0	55.0	39.0	31.0	27.0	25.0	25.0



REPORT NUMBER: P200918

CATALOG NUMBER: WKP3BLEDEDGL-7040

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
110°	145.0	140.0	121.0	86.0	70.0	55.0	38.0	31.0	27.0	24.0	23.0
112.5°	131.0	138.0	106.0	83.0	69.0	55.0	37.0	30.0	25.0	23.0	22.0
115°	129.0	126.0	98.0	81.0	69.0	53.0	36.0	30.0	24.0	22.0	20.0
117.5°	127.0	113.0	94.0	79.0	66.0	46.0	34.0	27.0	23.0	20.0	18.0
120°	118.0	105.0	91.0	75.0	60.0	40.0	30.0	25.0	21.0	19.0	17.0
122.5°	110.0	101.0	87.0	71.0	53.0	36.0	27.0	22.0	19.0	17.0	15.0
125°	105.0	96.0	81.0	65.0	47.0	32.0	24.0	20.0	18.0	16.0	14.0
127.5°	98.0	87.0	74.0	59.0	40.0	29.0	22.0	18.0	16.0	14.0	13.0
130°	90.0	79.0	67.0	52.0	34.0	24.0	19.0	16.0	14.0	12.0	11.0
132.5°	82.0	72.0	59.0	43.0	29.0	20.0	16.0	14.0	13.0	11.0	10.0
135°	75.0	65.0	53.0	36.0	24.0	18.0	15.0	13.0	11.0	10.0	9.0
137.5°	69.0	59.0	45.0	29.0	20.0	16.0	13.0	11.0	10.0	9.0	8.0
140°	64.0	54.0	37.0	24.0	17.0	14.0	12.0	10.0	9.0	8.0	7.0
142.5°	56.0	46.0	32.0	20.0	14.0	11.0	10.0	9.0	8.0	7.0	6.0
145°	46.0	36.0	24.0	15.0	11.0	9.0	8.0	8.0	7.0	6.0	6.0
147.5°	34.0	25.0	15.0	10.0	8.0	7.0	7.0	7.0	6.0	5.0	5.0
150°	23.0	14.0	9.0	7.0	7.0	6.0	6.0	6.0	5.0	5.0	4.0
152.5°	14.0	8.0	6.0	5.0	5.0	5.0	5.0	5.0	4.0	4.0	4.0
155°	7.0	5.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
157.5°	4.0	3.0	3.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	4.0
160°	2.0	2.0	2.0	3.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0
162.5°	2.0	2.0	3.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	4.0
165°	2.0	2.0	3.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	4.0
167.5°	2.0	2.0	3.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	4.0
170°	2.0	3.0	3.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	4.0
172.5°	2.0	2.0	2.0	3.0	3.0	3.0	3.0	4.0	4.0	3.0	4.0
175°	2.0	2.0	2.0	3.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0
177.5°	2.0	2.0	3.0	3.0	3.0	3.0	3.0	4.0	3.0	4.0	4.0
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



REPORT NUMBER: P200918

CATALOG NUMBER: WKP3BLEDEDGL-7040

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	860.9	860.9	860.9	860.9	860.9	860.9	860.9	860.9	860.9	860.9	860.9
2.5°	870.9	871.9	874.9	876.9	883.9	887.9	894.9	895.9	900.9	906.9	910.9
5°	912.9	928.9	942.9	952.9	967.9	979.9	985.9	989.9	992.9	998.9	1001.9
7.5°	924.9	954.9	980.9	996.9	1009.9	1021.9	1022.9	1016.9	1008.9	992.9	979.9
10°	916.9	946.9	969.9	977.9	972.9	957.9	930.9	903.9	874.9	830.9	800.9
12.5°	869.9	888.9	893.9	873.9	831.9	795.9	737.9	696.9	657.9	615.9	586.9
15°	819.9	807.9	778.9	722.9	663.9	601.9	547.9	514.0	485.0	454.0	432.0
17.5°	765.9	719.9	657.9	577.9	510.0	459.0	411.0	384.0	364.0	345.0	332.0
20°	688.9	616.9	537.0	458.0	399.0	353.0	318.0	300.0	288.0	276.0	270.0
22.5°	620.9	525.0	438.0	371.0	322.0	290.0	266.0	249.0	241.0	229.0	225.0
25°	554.9	449.0	367.0	310.0	275.0	248.0	231.0	219.0	209.0	200.0	197.0
27.5°	491.0	384.0	318.0	273.0	243.0	223.0	207.0	197.0	189.0	180.0	176.0
30°	467.0	351.0	284.0	245.0	222.0	205.0	191.0	180.0	175.0	168.0	165.0
32.5°	459.0	339.0	267.0	230.0	208.0	191.0	178.0	170.0	165.0	161.0	160.0
35°	446.0	337.0	265.0	226.0	199.0	181.0	171.0	162.0	159.0	158.0	162.0
37.5°	419.0	332.0	272.0	227.0	196.0	178.0	165.0	158.0	157.0	160.0	167.0
40°	375.0	317.0	272.0	231.0	202.0	177.0	161.0	156.0	159.0	165.0	170.0
42.5°	324.0	291.0	259.0	231.0	208.0	178.0	159.0	157.0	161.0	165.0	169.0
45°	282.0	260.0	238.0	218.0	200.0	176.0	160.0	156.0	157.0	160.0	158.0
47.5°	248.0	234.0	217.0	203.0	189.0	172.0	158.0	151.0	148.0	143.0	137.0
50°	225.0	211.0	199.0	190.0	179.0	165.0	152.0	142.0	133.0	124.0	119.0
51°	217.0	203.0	192.0	185.0	175.0	162.0	148.0	137.0	126.0	119.0	114.0
52.5°	206.0	192.0	184.0	178.0	170.0	158.0	144.0	129.0	118.0	113.0	107.0
55°	186.0	177.0	173.0	167.0	161.0	149.0	133.0	119.0	109.0	100.0	93.0
57.5°	168.0	164.0	161.0	155.0	149.0	138.0	124.0	110.0	98.0	88.0	83.0
60°	157.0	152.0	150.0	143.0	137.0	127.0	115.0	100.0	88.0	82.0	78.0
62.5°	145.0	141.0	140.0	133.0	124.0	116.0	105.0	91.0	81.0	75.0	70.0
65°	135.0	132.0	132.0	123.0	112.0	104.0	94.0	82.0	72.0	64.0	59.0
67.5°	126.0	126.0	123.0	112.0	100.0	91.0	83.0	71.0	62.0	53.0	49.0
70°	117.0	119.0	112.0	99.0	87.0	78.0	70.0	60.0	50.0	43.0	40.0
72.5°	109.0	110.0	101.0	86.0	74.0	65.0	58.0	48.0	40.0	34.0	30.0
75°	101.0	100.0	90.0	74.0	61.0	52.0	45.0	37.0	31.0	24.0	20.0
77.5°	91.0	89.0	78.0	61.0	49.0	40.0	34.0	27.0	20.0	13.0	10.0
80°	80.0	76.0	66.0	49.0	37.0	29.0	22.0	16.0	9.0	3.0	1.0
82.5°	67.0	63.0	55.0	39.0	26.0	18.0	14.0	9.0	4.0	1.0	0.0
85°	53.0	50.0	46.0	31.0	20.0	15.0	11.0	6.0	3.0	1.0	0.0
87.5°	42.0	41.0	39.0	25.0	17.0	13.0	9.0	5.0	2.0	1.0	0.0
90°	36.0	34.0	32.0	21.0	15.0	11.0	7.0	4.0	2.0	1.0	0.0
92.5°	32.0	31.0	27.0	18.0	13.0	10.0	6.0	3.0	1.0	1.0	1.0
95°	30.0	29.0	22.0	16.0	12.0	9.0	6.0	3.0	1.0	1.0	1.0
97.5°	29.0	26.0	19.0	15.0	11.0	9.0	6.0	3.0	2.0	1.0	1.0
100°	28.0	24.0	18.0	14.0	11.0	8.0	5.0	3.0	2.0	2.0	1.0
102.5°	26.0	22.0	16.0	13.0	10.0	8.0	5.0	3.0	2.0	2.0	2.0
105°	25.0	20.0	15.0	12.0	10.0	7.0	5.0	2.0	2.0	2.0	2.0
107.5°	22.0	18.0	14.0	11.0	9.0	7.0	4.0	2.0	2.0	2.0	2.0



REPORT NUMBER: P200918
CATALOG NUMBER: WKP3BLEDEDGL-7040

REPORT N
CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°	
110°	20.0	16.0	13.0	11.0	8.0	6.0	4.0	2.0	2.0	2.0	2.0	0°
112.5°	18.0	15.0	12.0	10.0	8.0	6.0	4.0	2.0	2.0	2.0	2.0	2.5°
115°	17.0	14.0	12.0	10.0	8.0	6.0	4.0	2.0	3.0	3.0	3.0	5°
117.5°	16.0	13.0	11.0	9.0	7.0	5.0	3.0	3.0	3.0	3.0	3.0	7.5°
120°	15.0	12.0	11.0	9.0	7.0	5.0	3.0	3.0	3.0	3.0	3.0	10°
122.5°	14.0	12.0	10.0	8.0	6.0	4.0	3.0	3.0	3.0	3.0	3.0	12.5°
125°	13.0	11.0	9.0	7.0	6.0	4.0	3.0	3.0	3.0	3.0	3.0	15°
127.5°	12.0	10.0	8.0	6.0	5.0	4.0	3.0	3.0	3.0	3.0	3.0	17.5°
130°	10.0	9.0	7.0	6.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	20°
132.5°	9.0	8.0	6.0	5.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	22.5°
135°	8.0	7.0	6.0	5.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	25°
137.5°	7.0	6.0	5.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0	27.5°
140°	6.0	5.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	30°
142.5°	6.0	5.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	32.5°
145°	5.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	2.0	35°
147.5°	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0	37.5°
150°	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0	40°
152.5°	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0	42.5°
155°	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0	45°
157.5°	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0	47.5°
160°	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0	2.0	50°
162.5°	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0	51°
165°	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	2.0	52.5°
167.5°	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	2.0	55°
170°	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	2.0	57.5°
172.5°	3.0	3.0	4.0	4.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	60°
175°	4.0	3.0	4.0	4.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	62.5°
177.5°	4.0	3.0	4.0	4.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	65°
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	67.5°
												70°
												72.5°
												75°
												77.5°
												80°
												82.5°
												85°
												87.5°
												90°
												92.5°
												95°
												97.5°
												100°
												102.5°
												105°
												107.5°



NUMBER: P200918
NUMBER: WKP3BLEDEDGL-7040

REPORT NUMBER: P
CATALOG NUMBER:

DISTRIBUTION (continued):

165°	170°	175°	180°
860.9	860.9	860.9	860.9
916.9	912.9	919.9	916.9
1006.9	1007.9	1012.9	1010.9
961.9	959.9	950.9	959.9
762.9	748.9	727.9	732.9
551.9	538.0	520.0	521.0
406.0	395.0	379.0	377.0
315.0	304.0	293.0	291.0
257.0	247.0	238.0	235.0
217.0	211.0	204.0	200.0
192.0	187.0	181.0	178.0
176.0	173.0	168.0	165.0
165.0	165.0	162.0	162.0
164.0	166.0	166.0	166.0
168.0	171.0	175.0	175.0
172.0	175.0	180.0	182.0
172.0	172.0	175.0	175.0
167.0	160.0	156.0	154.0
149.0	139.0	132.0	129.0
128.0	122.0	116.0	114.0
114.0	110.0	104.0	102.0
109.0	104.0	99.0	97.0
100.0	96.0	91.0	90.0
88.0	86.0	84.0	83.0
81.0	81.0	80.0	79.0
75.0	74.0	71.0	70.0
65.0	64.0	60.0	59.0
55.0	54.0	52.0	52.0
46.0	46.0	45.0	44.0
37.0	37.0	35.0	35.0
28.0	27.0	25.0	25.0
18.0	17.0	15.0	16.0
7.0	6.0	5.0	6.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
1.0	1.0	0.0	0.0
1.0	1.0	1.0	1.0
1.0	1.0	1.0	1.0
1.0	1.0	1.0	1.0
2.0	2.0	1.0	1.0
2.0	2.0	1.0	1.0

CANDELA DISTRIBUTION:

	165°
110°	2.0
112.5°	2.0
115°	2.0
117.5°	3.0
120°	2.0
122.5°	3.0
125°	3.0
127.5°	3.0
130°	2.0
132.5°	2.0
135°	2.0
137.5°	2.0
140°	2.0
142.5°	2.0
145°	2.0
147.5°	2.0
150°	2.0
152.5°	2.0
155°	2.0
157.5°	2.0
160°	2.0
162.5°	2.0
165°	2.0
167.5°	2.0
170°	2.0
172.5°	2.0
175°	2.0
177.5°	2.0
180°	2.0



'200918
WKP3BLEDEDGL-7040

TION (continued):

170°	175°	180°
2.0	2.0	1.0
2.0	2.0	2.0
2.0	2.0	2.0
3.0	2.0	2.0
3.0	2.0	2.0
3.0	2.0	2.0
3.0	2.0	2.0
3.0	2.0	2.0
2.0	2.0	2.0
2.0	2.0	2.0
2.0	2.0	2.0
2.0	2.0	2.0
2.0	2.0	2.0
2.0	2.0	2.0
2.0	2.0	2.0
2.0	2.0	2.0
2.0	2.0	1.0
2.0	2.0	1.0
2.0	2.0	1.0
2.0	2.0	2.0
2.0	2.0	2.0
2.0	2.0	2.0
2.0	2.0	2.0
2.0	2.0	2.0
2.0	1.0	1.0
2.0	1.0	1.0
2.0	1.0	1.0
2.0	2.0	2.0

(END OF REPORT)