

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: P200919

Luminaire Tested: **WKP3BLEDEDGL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P200919
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P26561)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: WKP3BLEDEDGL
Description: STREETWORKS WALPAK GLASS

Light Source: EATON LED 5000K
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3333.1 lumens
Efficiency: N/A
Efficacy: 123.4 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 - G3

Input Watts (W): 27
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



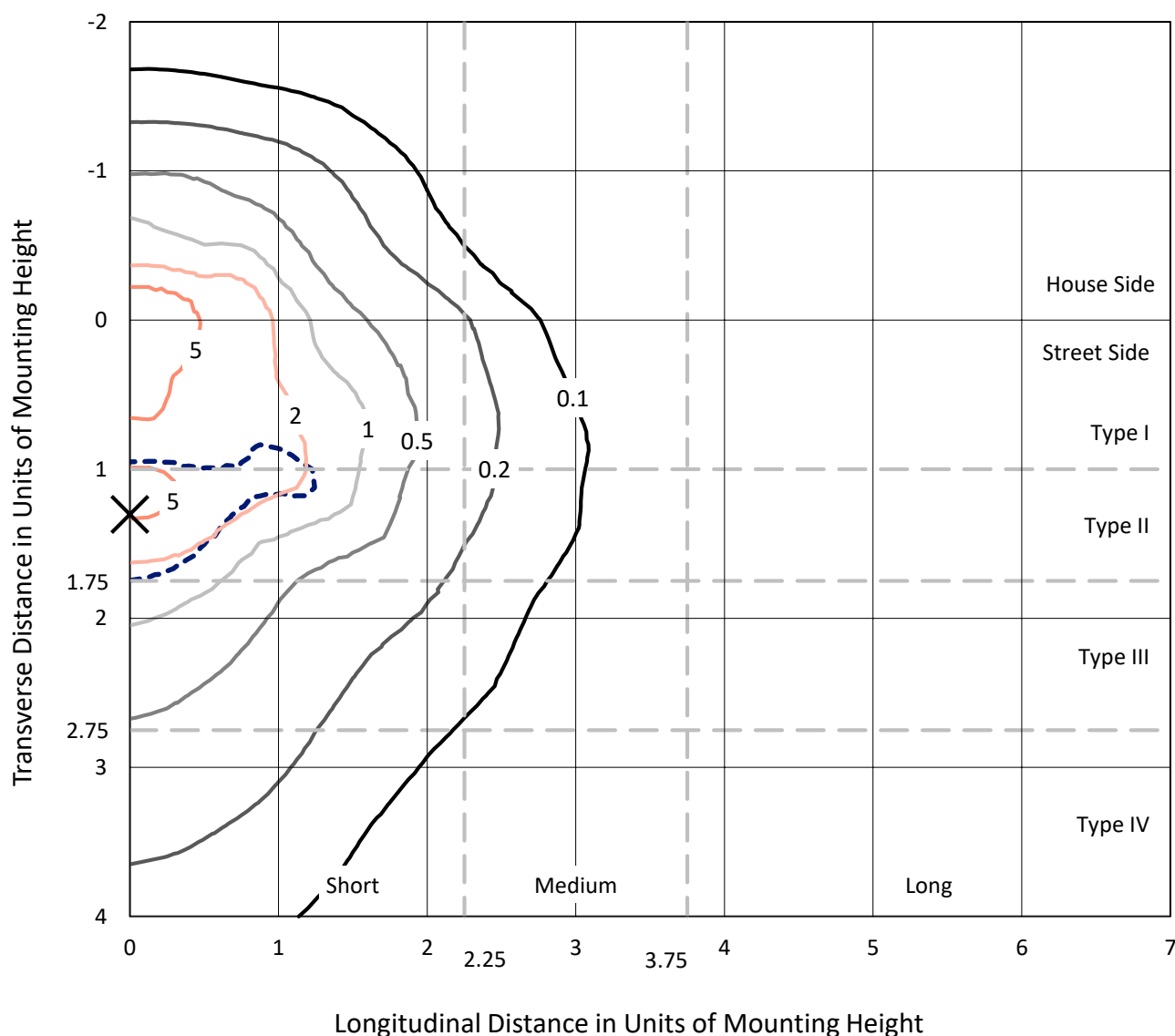
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

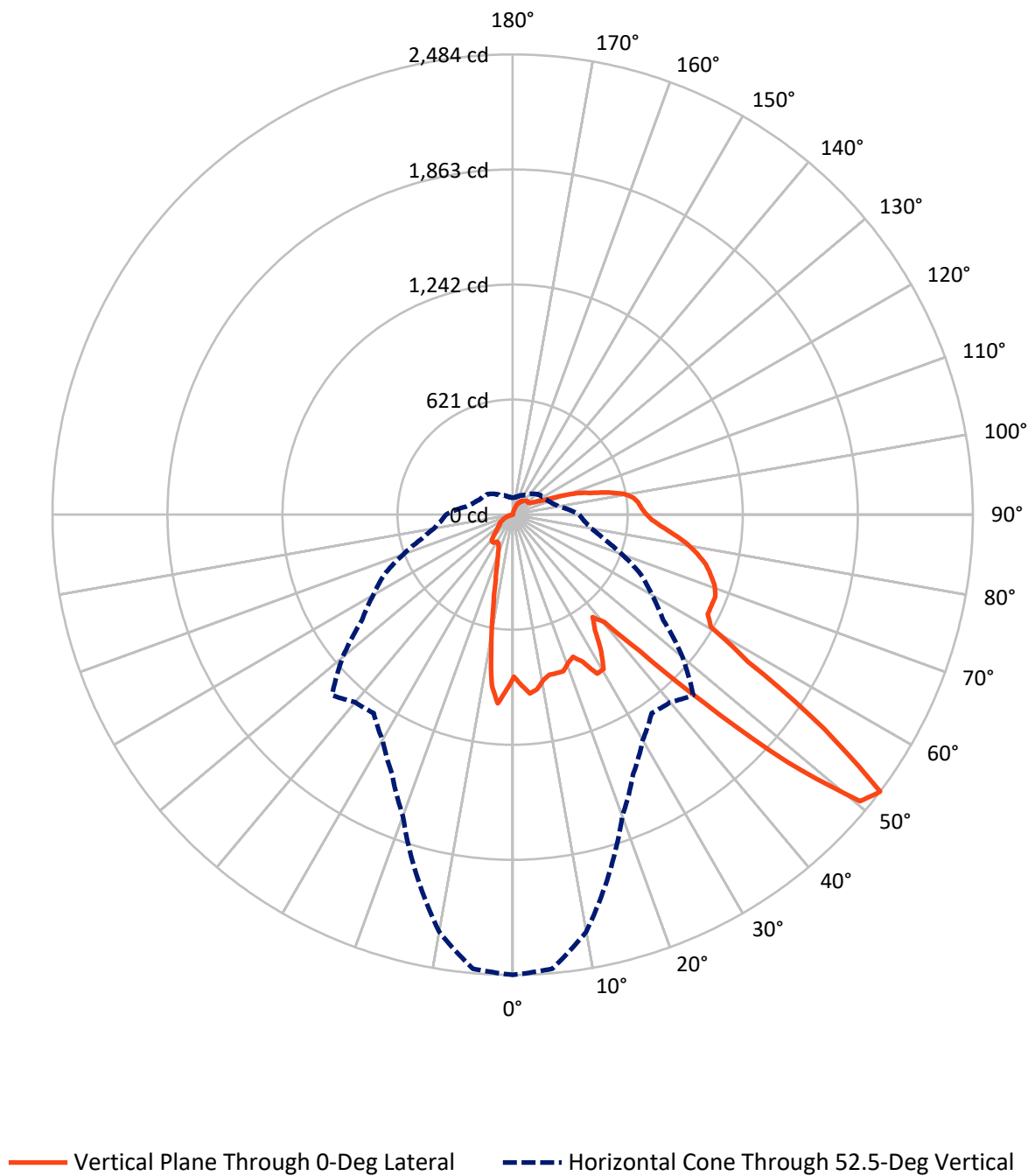


Based on 10 foot mounting height. Maximum calculated value = 9.4 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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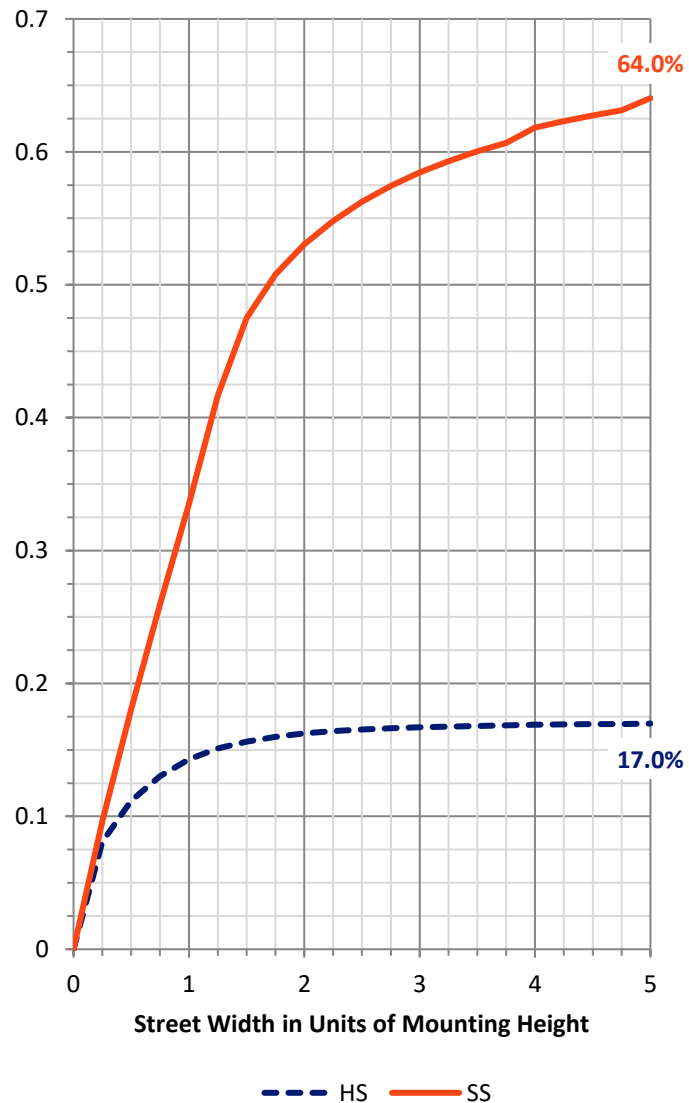
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	573.3	28.2	601.5
	% Fixture	17.2	0.8	18.0
Street Side	Lumens	2290.2	441.4	2731.6
	% Fixture	68.7	13.2	82.0
Total	Lumens	2863.5	469.6	3333.1
	% Fixture	85.9	14.1	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.0	2.7
10°-20°	205.5	6.2
20°-30°	255.4	7.7
30°-40°	328.2	9.8
40°-50°	447.4	13.4
50°-60°	573.5	17.2
60°-70°	408.5	12.3
70°-80°	313.4	9.4
80°-90°	240.5	7.2
90°-100°	185.2	5.6
100°-110°	119.0	3.6
110°-120°	64.6	1.9
120°-130°	43.2	1.3
130°-140°	30.7	0.9
140°-150°	18.0	0.5
150°-160°	7.5	0.2
160°-170°	1.3	0.0
170°-180°	0.3	0.0
0°-90°	2863.5	85.9
0°-180°	3333.1	100.0

Coefficient of Utilization



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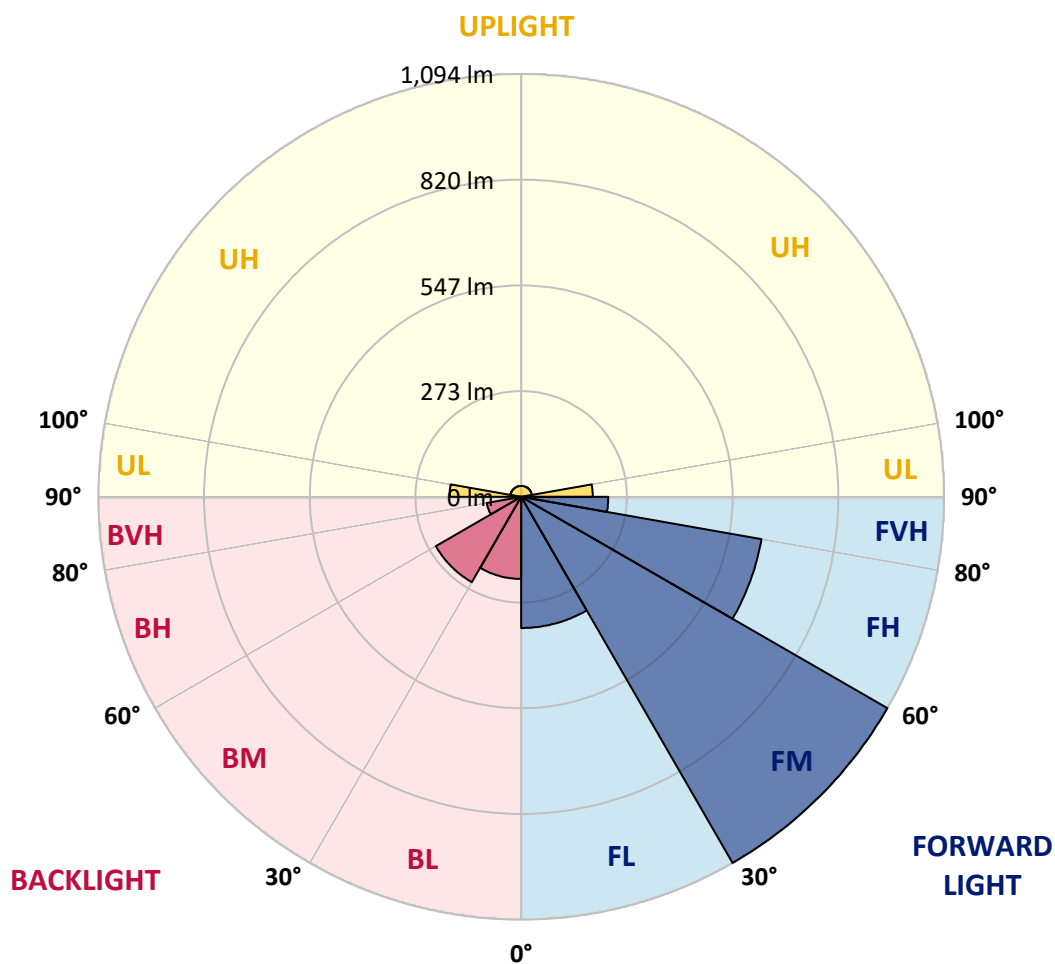
CATALOG NUMBER: WKP3BLEDEDGL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	339.4	10.2			
FM	(30°-60°)	1094.0	32.8			
FH	(60°-80°)	631.4	18.9			G0/660
FVH	(80°-90°)	225.4	6.8			G3/500
BL	(0°-30°)	212.4	6.4	B1/500		
BM	(30°-60°)	255.2	7.7	B1/1000		
BH	(60°-80°)	90.6	2.7	B0/110		G0/110
BVH	(80°-90°)	15.1	0.5			G1/100
UL	(90°-100°)	185.2	5.6		U3/500	
UH	(100°-180°)	28.2	0.8		U2/50	

BUG Rating: B1-U3-G3

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	874.9	874.9	874.9	874.9	874.9	874.9	874.9	874.9	874.9	874.9	874.9
2.5°	921.9	919.9	912.9	915.9	914.9	917.9	915.9	914.9	916.9	911.9	911.9
5°	968.9	972.9	974.9	982.9	987.9	994.9	1000.9	1001.9	1006.9	996.9	993.9
7.5°	950.9	954.9	965.9	979.9	994.9	1007.9	1019.9	1024.9	1024.9	1024.9	1014.9
10°	907.9	914.9	931.9	953.9	969.9	982.9	993.9	997.9	998.9	988.9	967.9
12.5°	885.9	891.9	911.9	933.9	947.9	958.9	971.9	970.9	952.9	930.9	903.9
15°	887.9	895.9	915.9	930.9	935.9	941.9	941.9	922.9	896.9	875.9	849.9
17.5°	887.9	897.9	913.9	920.9	920.9	910.9	883.9	853.9	829.9	816.9	806.9
20°	853.9	867.9	887.9	891.9	889.9	857.9	813.9	783.9	763.9	760.9	762.9
22.5°	833.9	846.9	861.9	862.9	843.9	791.9	748.9	719.9	702.9	704.9	711.9
25°	879.9	892.9	898.9	879.9	829.9	766.9	717.9	682.9	672.9	662.9	666.9
27.5°	971.9	978.9	986.9	947.9	864.9	774.9	699.9	656.9	635.9	633.9	652.9
30°	966.9	987.9	1013.9	982.9	905.9	803.9	710.9	649.9	616.9	614.9	627.9
32.5°	874.9	902.9	942.9	920.9	865.9	795.9	730.9	670.9	630.9	611.9	594.9
35°	764.9	794.9	831.9	819.9	766.9	742.9	711.9	680.9	651.9	613.9	593.9
37.5°	701.9	714.9	739.9	725.9	686.9	671.9	668.9	674.9	659.9	632.9	639.9
40°	761.9	767.9	785.9	750.9	706.9	678.9	680.9	688.9	689.9	673.9	706.9
42.5°	1003.9	1004.9	1001.9	947.9	846.9	796.9	775.9	750.9	740.9	767.9	811.9
45°	1445.8	1436.8	1390.8	1251.8	1087.9	981.9	925.9	876.9	873.9	892.9	923.9
47.5°	1996.7	1976.7	1851.8	1624.8	1371.8	1219.8	1107.9	1033.9	1069.9	1039.9	1025.9
50°	2430.7	2415.7	2244.7	1952.7	1653.8	1463.8	1310.8	1204.8	1219.8	1230.8	1103.9
52.5°	2483.7	2459.7	2285.7	2008.7	1730.8	1541.8	1404.8	1307.8	1321.8	1377.8	1196.8
55°	2040.7	2028.7	1897.8	1719.8	1535.8	1376.8	1300.8	1271.8	1303.8	1427.8	1257.8
57.5°	1497.8	1468.8	1408.8	1335.8	1212.8	1089.9	1038.9	1102.9	1183.8	1350.8	1276.8
60°	1228.8	1197.8	1148.8	1095.9	996.9	864.9	786.9	859.9	973.9	1153.8	1212.8
62.5°	1181.8	1135.9	1049.9	971.9	878.9	763.9	668.9	671.9	759.9	907.9	1054.9
65°	1179.8	1123.9	1012.9	918.9	810.9	707.9	615.9	574.9	613.9	694.9	820.9
67.5°	1179.8	1119.9	998.9	901.9	784.9	673.9	585.9	528.9	538.9	572.9	613.9
70°	1157.8	1101.9	986.9	888.9	768.9	650.9	566.9	512.9	503.9	507.9	498.9
72.5°	1118.9	1071.9	962.9	863.9	743.9	625.9	549.9	499.9	483.9	478.9	445.9
75°	1077.9	1028.9	922.9	829.9	712.9	594.9	530.9	491.9	474.9	463.9	417.9
77.5°	1018.9	972.9	872.9	780.9	673.9	560.9	503.9	480.9	465.9	450.9	402.9
80°	955.9	915.9	814.9	732.9	632.9	529.9	477.9	467.9	454.9	445.9	390.9
82.5°	876.9	836.9	750.9	681.9	592.9	499.9	449.9	445.9	439.9	434.9	381.0
85°	803.9	768.9	695.9	640.9	563.9	478.9	431.9	423.9	425.9	420.9	369.0
87.5°	749.9	715.9	652.9	606.9	535.9	460.9	417.9	407.9	411.9	403.9	349.0
90°	716.9	683.9	622.9	579.9	510.9	443.9	404.9	393.9	392.9	382.9	327.0
92.5°	695.9	661.9	600.9	557.9	492.9	427.9	391.9	381.0	376.0	358.0	304.0
95°	680.9	643.9	584.9	537.9	474.9	409.9	372.0	359.0	350.0	323.0	280.0
97.5°	657.9	621.9	560.9	509.9	444.9	380.0	345.0	332.0	316.0	290.0	259.0
100°	611.9	576.9	518.9	463.9	399.9	343.0	313.0	293.0	279.0	260.0	237.0
102.5°	529.9	499.9	450.9	397.9	346.0	304.0	275.0	252.0	240.0	230.0	214.0
105°	437.9	411.9	373.0	334.0	300.0	264.0	235.0	214.0	207.0	203.0	192.0
107.5°	378.0	356.0	320.0	286.0	254.0	218.0	192.0	182.0	177.0	177.0	172.0
110°	299.0	285.0	254.0	227.0	201.0	178.0	160.0	156.0	155.0	156.0	154.0



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	221.0	212.0	195.0	180.0	165.0	150.0	139.0	137.0	137.0	140.0	138.0
115°	178.0	172.0	161.0	153.0	143.0	133.0	124.0	122.0	122.0	125.0	127.0
117.5°	151.0	148.0	141.0	136.0	128.0	121.0	114.0	112.0	112.0	117.0	123.0
120°	131.0	130.0	124.0	120.0	115.0	111.0	106.0	105.0	108.0	113.0	120.0
122.5°	118.0	116.0	113.0	110.0	107.0	104.0	103.0	103.0	107.0	112.0	113.0
125°	110.0	109.0	106.0	106.0	103.0	102.0	102.0	104.0	108.0	109.0	109.0
127.5°	107.0	106.0	105.0	105.0	103.0	104.0	104.0	105.0	108.0	108.0	105.0
130°	108.0	107.0	106.0	106.0	104.0	104.0	104.0	105.0	106.0	104.0	100.0
132.5°	106.0	106.0	105.0	104.0	103.0	103.0	102.0	101.0	101.0	98.0	93.0
135°	105.0	104.0	103.0	102.0	101.0	99.0	97.0	96.0	95.0	92.0	86.0
137.5°	101.0	101.0	100.0	99.0	96.0	95.0	94.0	92.0	89.0	85.0	78.0
140°	97.0	97.0	96.0	94.0	93.0	90.0	88.0	85.0	82.0	77.0	71.0
142.5°	93.0	92.0	92.0	90.0	87.0	85.0	82.0	80.0	75.0	69.0	63.0
145°	88.0	87.0	86.0	84.0	81.0	79.0	76.0	72.0	67.0	62.0	56.0
147.5°	82.0	82.0	80.0	78.0	75.0	72.0	68.0	64.0	60.0	54.0	46.0
150°	76.0	76.0	74.0	72.0	69.0	66.0	61.0	57.0	52.0	44.0	33.0
152.5°	71.0	71.0	69.0	67.0	64.0	61.0	56.0	50.0	41.0	32.0	23.0
155°	64.0	64.0	64.0	62.0	59.0	54.0	47.0	39.0	30.0	21.0	13.0
157.5°	53.0	54.0	52.0	51.0	46.0	40.0	33.0	26.0	18.0	11.0	7.0
160°	36.0	35.0	33.0	32.0	28.0	24.0	18.0	12.0	8.0	6.0	4.0
162.5°	17.0	17.0	15.0	15.0	12.0	8.0	6.0	5.0	4.0	3.0	3.0
165°	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	2.0	2.0	2.0
167.5°	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
170°	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
172.5°	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
175°	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
177.5°	0.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
180°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0



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CATALOG NUMBER: WKP3BLEDEDGL

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	874.9	874.9	874.9	874.9	874.9	874.9	874.9	874.9	874.9	874.9	874.9
2.5°	910.9	908.9	905.9	911.9	905.9	905.9	904.9	901.9	904.9	905.9	907.9
5°	981.9	964.9	949.9	939.9	928.9	921.9	918.9	917.9	921.9	930.9	941.9
7.5°	1006.9	994.9	974.9	946.9	921.9	898.9	888.9	889.9	895.9	917.9	943.9
10°	951.9	942.9	920.9	896.9	873.9	852.9	832.9	835.9	845.9	876.9	916.9
12.5°	885.9	868.9	851.9	828.9	808.9	791.9	772.9	772.9	782.9	821.9	865.9
15°	829.9	815.9	801.9	786.9	767.9	753.9	734.9	737.9	757.9	797.9	831.9
17.5°	802.9	791.9	777.9	752.9	735.9	720.9	703.9	707.9	734.9	778.9	795.9
20°	765.9	762.9	743.9	724.9	709.9	691.9	678.9	682.9	711.9	745.9	736.9
22.5°	716.9	727.9	730.9	715.9	705.9	684.9	672.9	672.9	699.9	716.9	680.9
25°	684.9	700.9	713.9	711.9	685.9	663.9	654.9	662.9	683.9	681.9	627.9
27.5°	657.9	671.9	680.9	689.9	679.9	667.9	669.9	678.9	698.9	674.9	592.9
30°	622.9	629.9	669.9	710.9	722.9	713.9	713.9	727.9	751.9	708.9	600.9
32.5°	600.9	634.9	693.9	764.9	793.9	786.9	785.9	804.9	814.9	753.9	622.9
35°	606.9	667.9	727.9	812.9	848.9	825.9	817.9	824.9	817.9	740.9	609.9
37.5°	656.9	695.9	734.9	802.9	828.9	795.9	781.9	773.9	751.9	661.9	548.9
40°	723.9	719.9	721.9	743.9	742.9	714.9	688.9	666.9	633.9	539.9	448.9
42.5°	781.9	750.9	704.9	669.9	649.9	612.9	583.9	564.9	520.9	432.9	368.0
45°	853.9	785.9	697.9	621.9	579.9	532.9	498.9	484.9	442.9	366.0	314.0
47.5°	926.9	809.9	691.9	576.9	521.9	473.9	440.9	427.9	381.0	318.0	278.0
50°	964.9	830.9	712.9	585.9	501.9	442.9	402.9	387.9	338.0	280.0	250.0
52.5°	991.9	868.9	763.9	627.9	508.9	430.9	386.9	359.0	305.0	252.0	226.0
55°	1030.9	919.9	825.9	690.9	540.9	437.9	384.9	340.0	282.0	234.0	206.0
57.5°	1073.9	942.9	881.9	729.9	575.9	450.9	388.9	331.0	266.0	218.0	190.0
60°	1047.9	900.9	869.9	719.9	569.9	454.9	392.9	333.0	269.0	207.0	176.0
62.5°	905.9	766.9	773.9	661.9	523.9	463.9	397.9	331.0	262.0	198.0	163.0
65°	720.9	634.9	624.9	560.9	477.9	428.9	377.0	330.0	242.0	181.0	155.0
67.5°	562.9	535.9	522.9	470.9	438.9	379.0	330.0	295.0	210.0	163.0	142.0
70°	471.9	474.9	464.9	416.9	405.9	342.0	294.0	255.0	180.0	149.0	129.0
72.5°	417.9	426.9	426.9	390.9	378.0	316.0	254.0	203.0	152.0	125.0	116.0
75°	384.9	383.9	407.9	362.0	359.0	304.0	218.0	165.0	129.0	108.0	105.0
77.5°	361.0	350.0	388.9	346.0	359.0	293.0	191.0	135.0	103.0	94.0	95.0
80°	344.0	336.0	364.0	325.0	311.0	263.0	169.0	115.0	83.0	82.0	87.0
82.5°	329.0	333.0	345.0	296.0	263.0	213.0	138.0	89.0	69.0	72.0	75.0
85°	311.0	327.0	322.0	272.0	224.0	176.0	104.0	63.0	54.0	59.0	59.0
87.5°	299.0	310.0	300.0	236.0	183.0	158.0	79.0	54.0	45.0	48.0	47.0
90°	284.0	293.0	283.0	208.0	161.0	122.0	64.0	42.0	39.0	40.0	40.0
92.5°	269.0	281.0	261.0	182.0	154.0	94.0	57.0	38.0	36.0	37.0	37.0
95°	257.0	265.0	230.0	159.0	129.0	80.0	47.0	35.0	33.0	35.0	34.0
97.5°	239.0	243.0	204.0	155.0	103.0	71.0	42.0	35.0	32.0	32.0	32.0
100°	220.0	218.0	176.0	134.0	100.0	63.0	42.0	35.0	31.0	31.0	30.0
102.5°	210.0	196.0	164.0	116.0	88.0	59.0	43.0	36.0	31.0	30.0	29.0
105°	188.0	170.0	147.0	111.0	79.0	58.0	43.0	35.0	30.0	28.0	27.0
107.5°	169.0	159.0	129.0	100.0	74.0	58.0	42.0	34.0	29.0	27.0	26.0
110°	147.0	149.0	120.0	91.0	72.0	58.0	40.0	33.0	28.0	25.0	24.0



REPORT NUMBER: P200919

CATALOG NUMBER: WKP3BLEDEDGL

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	139.0	135.0	111.0	86.0	72.0	57.0	39.0	32.0	27.0	24.0	22.0
115°	136.0	122.0	103.0	83.0	72.0	55.0	39.0	31.0	25.0	23.0	20.0
117.5°	127.0	113.0	96.0	80.0	68.0	51.0	35.0	28.0	23.0	21.0	19.0
120°	116.0	107.0	92.0	77.0	60.0	44.0	32.0	26.0	21.0	19.0	17.0
122.5°	110.0	102.0	88.0	72.0	55.0	38.0	29.0	23.0	20.0	17.0	16.0
125°	105.0	97.0	82.0	66.0	49.0	34.0	25.0	21.0	18.0	16.0	14.0
127.5°	99.0	89.0	75.0	60.0	43.0	30.0	22.0	19.0	16.0	14.0	13.0
130°	91.0	81.0	68.0	52.0	37.0	26.0	19.0	17.0	15.0	13.0	12.0
132.5°	84.0	74.0	61.0	45.0	30.0	22.0	17.0	15.0	13.0	12.0	11.0
135°	77.0	67.0	54.0	37.0	25.0	18.0	15.0	14.0	12.0	10.0	9.0
137.5°	70.0	60.0	46.0	31.0	21.0	16.0	14.0	12.0	10.0	9.0	8.0
140°	65.0	54.0	40.0	26.0	18.0	14.0	12.0	11.0	9.0	8.0	8.0
142.5°	58.0	47.0	33.0	22.0	15.0	12.0	10.0	9.0	8.0	7.0	7.0
145°	48.0	38.0	25.0	16.0	12.0	10.0	9.0	8.0	7.0	6.0	6.0
147.5°	36.0	27.0	17.0	11.0	9.0	8.0	7.0	7.0	6.0	5.0	5.0
150°	25.0	16.0	10.0	8.0	7.0	7.0	6.0	6.0	5.0	5.0	4.0
152.5°	15.0	9.0	7.0	6.0	6.0	6.0	6.0	5.0	5.0	4.0	4.0
155°	8.0	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	4.0	4.0	4.0	4.0	4.0	4.0	4.0
160°	3.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
162.5°	2.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
165°	2.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
167.5°	2.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
170°	2.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
172.5°	2.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
175°	2.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
177.5°	2.0	3.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	4.0	4.0
180°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0



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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	874.9	874.9	874.9	874.9	874.9	874.9	874.9	874.9	874.9	874.9	874.9
2.5°	911.9	917.9	923.9	925.9	924.9	932.9	935.9	939.9	945.9	946.9	946.9
5°	953.9	971.9	989.9	1003.9	1011.9	1024.9	1029.9	1030.9	1036.9	1034.9	1029.9
7.5°	978.9	1008.9	1029.9	1041.9	1046.9	1052.9	1041.9	1023.9	1006.9	984.9	967.9
10°	957.9	982.9	998.9	1000.9	989.9	961.9	922.9	879.9	837.9	793.9	760.9
12.5°	899.9	905.9	894.9	865.9	825.9	778.9	722.9	671.9	630.9	599.9	559.9
15°	840.9	808.9	762.9	708.9	656.9	590.9	543.9	498.9	467.9	437.9	416.9
17.5°	769.9	712.9	642.9	569.9	504.9	444.9	409.9	383.9	357.0	337.0	325.0
20°	684.9	609.9	530.9	458.9	399.9	351.0	320.0	303.0	288.0	273.0	264.0
22.5°	608.9	516.9	434.9	370.0	327.0	292.0	267.0	251.0	241.0	231.0	223.0
25°	536.9	438.9	367.0	314.0	276.0	251.0	234.0	220.0	210.0	204.0	198.0
27.5°	487.9	384.9	319.0	274.0	243.0	224.0	211.0	200.0	189.0	183.0	181.0
30°	472.9	359.0	290.0	251.0	224.0	208.0	194.0	186.0	177.0	171.0	170.0
32.5°	472.9	349.0	276.0	237.0	212.0	194.0	183.0	175.0	169.0	165.0	165.0
35°	463.9	346.0	276.0	234.0	204.0	186.0	175.0	168.0	164.0	163.0	166.0
37.5°	428.9	344.0	280.0	236.0	204.0	183.0	169.0	164.0	163.0	166.0	171.0
40°	381.0	325.0	279.0	240.0	211.0	183.0	167.0	162.0	166.0	171.0	174.0
42.5°	324.0	294.0	263.0	237.0	212.0	184.0	166.0	163.0	167.0	170.0	171.0
45°	286.0	263.0	240.0	223.0	203.0	180.0	165.0	161.0	161.0	162.0	157.0
47.5°	255.0	235.0	220.0	207.0	192.0	175.0	161.0	154.0	150.0	144.0	136.0
50°	230.0	214.0	202.0	193.0	181.0	168.0	154.0	143.0	133.0	126.0	120.0
52.5°	209.0	195.0	188.0	182.0	172.0	159.0	145.0	131.0	121.0	115.0	108.0
55°	192.0	180.0	175.0	172.0	161.0	149.0	135.0	121.0	112.0	103.0	95.0
57.5°	176.0	168.0	164.0	160.0	151.0	139.0	125.0	113.0	100.0	91.0	86.0
60°	163.0	156.0	153.0	148.0	138.0	127.0	117.0	103.0	91.0	85.0	81.0
62.5°	151.0	147.0	144.0	136.0	126.0	118.0	106.0	94.0	84.0	78.0	72.0
65°	140.0	139.0	135.0	125.0	115.0	106.0	95.0	85.0	75.0	67.0	61.0
67.5°	132.0	132.0	127.0	114.0	102.0	93.0	83.0	74.0	64.0	56.0	51.0
70°	123.0	124.0	117.0	102.0	90.0	80.0	72.0	62.0	54.0	46.0	42.0
72.5°	113.0	113.0	105.0	89.0	77.0	68.0	59.0	50.0	43.0	36.0	32.0
75°	104.0	102.0	93.0	77.0	64.0	55.0	47.0	39.0	33.0	26.0	22.0
77.5°	94.0	90.0	80.0	64.0	52.0	42.0	35.0	29.0	22.0	15.0	10.0
80°	83.0	77.0	68.0	53.0	40.0	31.0	24.0	17.0	10.0	5.0	3.0
82.5°	69.0	64.0	56.0	41.0	29.0	21.0	17.0	12.0	7.0	4.0	3.0
85°	55.0	51.0	47.0	34.0	23.0	18.0	14.0	10.0	6.0	4.0	3.0
87.5°	45.0	43.0	39.0	28.0	20.0	16.0	12.0	8.0	5.0	3.0	3.0
90°	38.0	37.0	34.0	24.0	17.0	14.0	10.0	7.0	5.0	3.0	3.0
92.5°	35.0	33.0	29.0	21.0	16.0	12.0	9.0	6.0	4.0	3.0	3.0
95°	32.0	30.0	25.0	18.0	14.0	11.0	8.0	6.0	4.0	3.0	3.0
97.5°	30.0	27.0	21.0	17.0	13.0	10.0	8.0	5.0	4.0	3.0	3.0
100°	29.0	25.0	19.0	15.0	12.0	10.0	7.0	5.0	4.0	3.0	3.0
102.5°	28.0	23.0	18.0	14.0	12.0	9.0	6.0	4.0	4.0	3.0	3.0
105°	25.0	21.0	16.0	13.0	11.0	8.0	6.0	4.0	3.0	3.0	3.0
107.5°	23.0	19.0	15.0	12.0	10.0	7.0	5.0	4.0	3.0	3.0	2.0
110°	21.0	17.0	14.0	11.0	9.0	7.0	4.0	3.0	3.0	3.0	2.0



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CATALOG NUMBER: WKP3BLEDEDGL

REPORT N
CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°	
112.5°	19.0	16.0	13.0	11.0	9.0	6.0	4.0	3.0	3.0	3.0	3.0	0°
115°	18.0	15.0	13.0	11.0	8.0	6.0	4.0	3.0	3.0	3.0	3.0	2.5°
117.5°	16.0	14.0	12.0	10.0	8.0	6.0	4.0	3.0	4.0	3.0	3.0	5°
120°	15.0	13.0	11.0	9.0	7.0	5.0	4.0	3.0	3.0	3.0	3.0	7.5°
122.5°	14.0	12.0	10.0	8.0	6.0	5.0	3.0	3.0	3.0	3.0	3.0	10°
125°	13.0	11.0	9.0	7.0	6.0	4.0	3.0	3.0	3.0	3.0	3.0	12.5°
127.5°	12.0	10.0	8.0	7.0	5.0	4.0	3.0	3.0	3.0	3.0	3.0	15°
130°	10.0	9.0	7.0	6.0	5.0	4.0	3.0	3.0	3.0	3.0	3.0	17.5°
132.5°	9.0	8.0	6.0	6.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	20°
135°	8.0	7.0	6.0	5.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	22.5°
137.5°	7.0	6.0	5.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	25°
140°	6.0	5.0	5.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	27.5°
142.5°	6.0	5.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	30°
145°	5.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	32.5°
147.5°	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0	35°
150°	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0	37.5°
152.5°	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0	40°
155°	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0	42.5°
157.5°	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0	45°
160°	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	47.5°
162.5°	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	50°
165°	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0	52.5°
167.5°	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	55°
170°	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0	57.5°
172.5°	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0	60°
175°	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0	62.5°
177.5°	4.0	4.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	2.0	65°
180°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	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°
												110°



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DISTRIBUTION (continued):

165°	170°	175°	180°
874.9	874.9	874.9	874.9
948.9	943.9	948.9	945.9
1026.9	1022.9	1022.9	1021.9
946.9	942.9	928.9	924.9
728.9	716.9	698.9	693.9
530.9	514.9	500.9	493.9
394.9	381.0	369.0	365.0
309.0	299.0	288.0	286.0
254.0	246.0	237.0	236.0
217.0	213.0	205.0	204.0
193.0	192.0	186.0	183.0
177.0	177.0	173.0	171.0
168.0	170.0	168.0	168.0
168.0	172.0	172.0	175.0
171.0	177.0	178.0	182.0
176.0	180.0	181.0	184.0
174.0	176.0	174.0	176.0
166.0	160.0	154.0	152.0
148.0	139.0	131.0	130.0
128.0	122.0	117.0	114.0
115.0	110.0	104.0	102.0
101.0	96.0	93.0	91.0
90.0	87.0	85.0	85.0
84.0	83.0	82.0	81.0
78.0	75.0	73.0	71.0
67.0	64.0	62.0	61.0
58.0	55.0	54.0	53.0
49.0	47.0	47.0	46.0
40.0	38.0	37.0	37.0
30.0	28.0	27.0	26.0
20.0	18.0	17.0	17.0
8.0	8.0	7.0	7.0
3.0	3.0	2.0	2.0
3.0	2.0	2.0	2.0
3.0	2.0	2.0	2.0
3.0	3.0	2.0	2.0
3.0	2.0	2.0	2.0
3.0	3.0	2.0	2.0
3.0	3.0	2.0	2.0
3.0	3.0	2.0	2.0
3.0	3.0	2.0	2.0
3.0	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

CANDELA DISTRIBUTION:

	165°
112.5°	3.0
115°	3.0
117.5°	3.0
120°	3.0
122.5°	3.0
125°	3.0
127.5°	3.0
130°	3.0
132.5°	3.0
135°	3.0
137.5°	3.0
140°	3.0
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°	3.0
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°	3.0



'200919

WKP3BLEDEDGL

TION (continued):

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

(END OF REPORT)