

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: P200917

Luminaire Tested: **WKP6BLEDEDFC**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P200917  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P26564)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: WKP6BLEDEDFC  
Description: STREETWORKS WALPAK CUTOFF  
  
Light Source: EATON LED 5000K  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

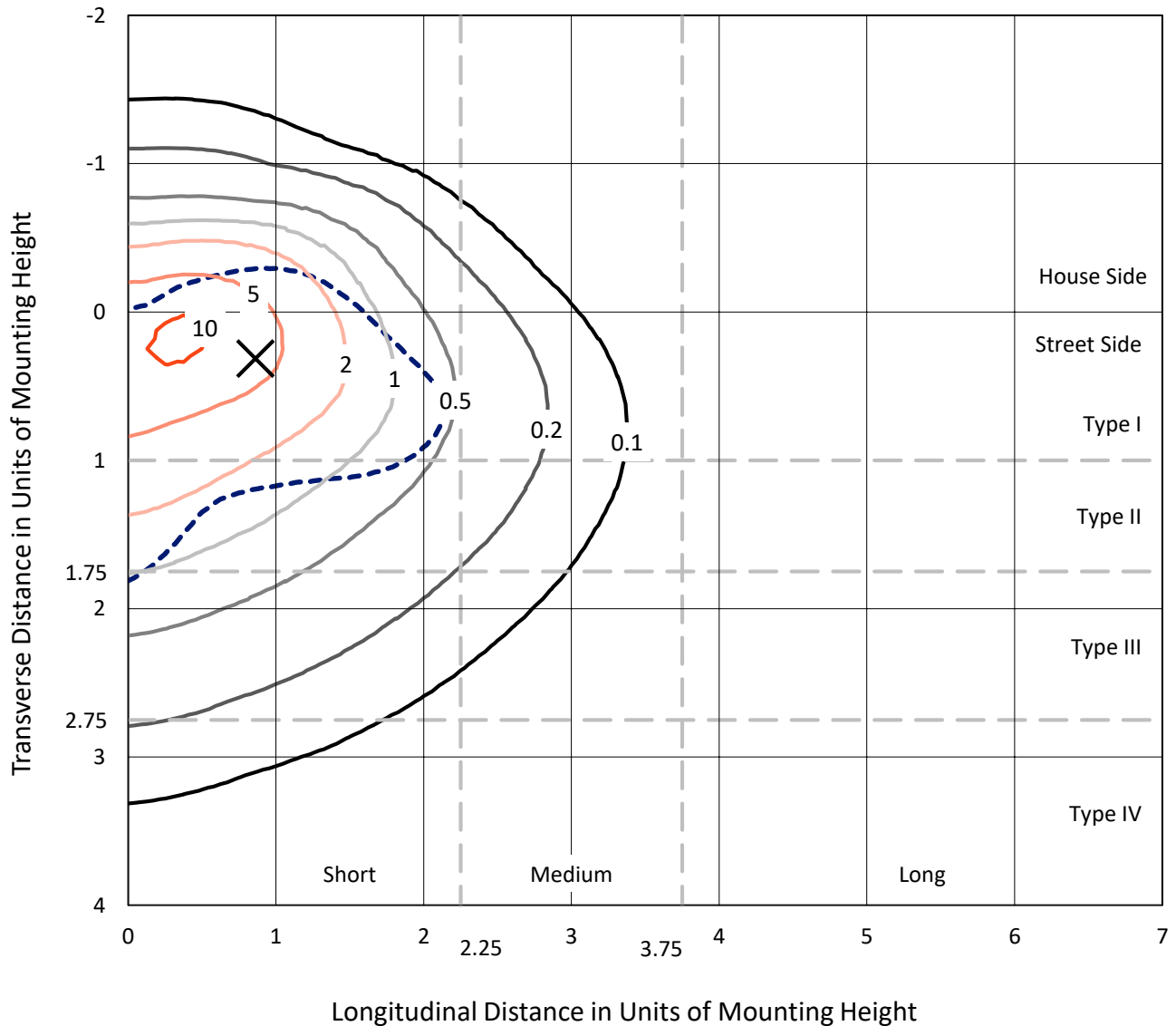
Lumens per Lamp: N/A  
Luminaire Lumens: 3192 lumens  
Efficiency: N/A  
Efficacy: 68.8 lumens/watt  
Luminous Opening: Rectangular (W 0.75' x L: 1.08' x H: 0')  
IES Classification: Type III - Short - Full Cutoff  
BUG Rating: B1 - U0 - G1  
  
Input Watts (W): 46.4  
Input Voltage (V): NR  
Input Current (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

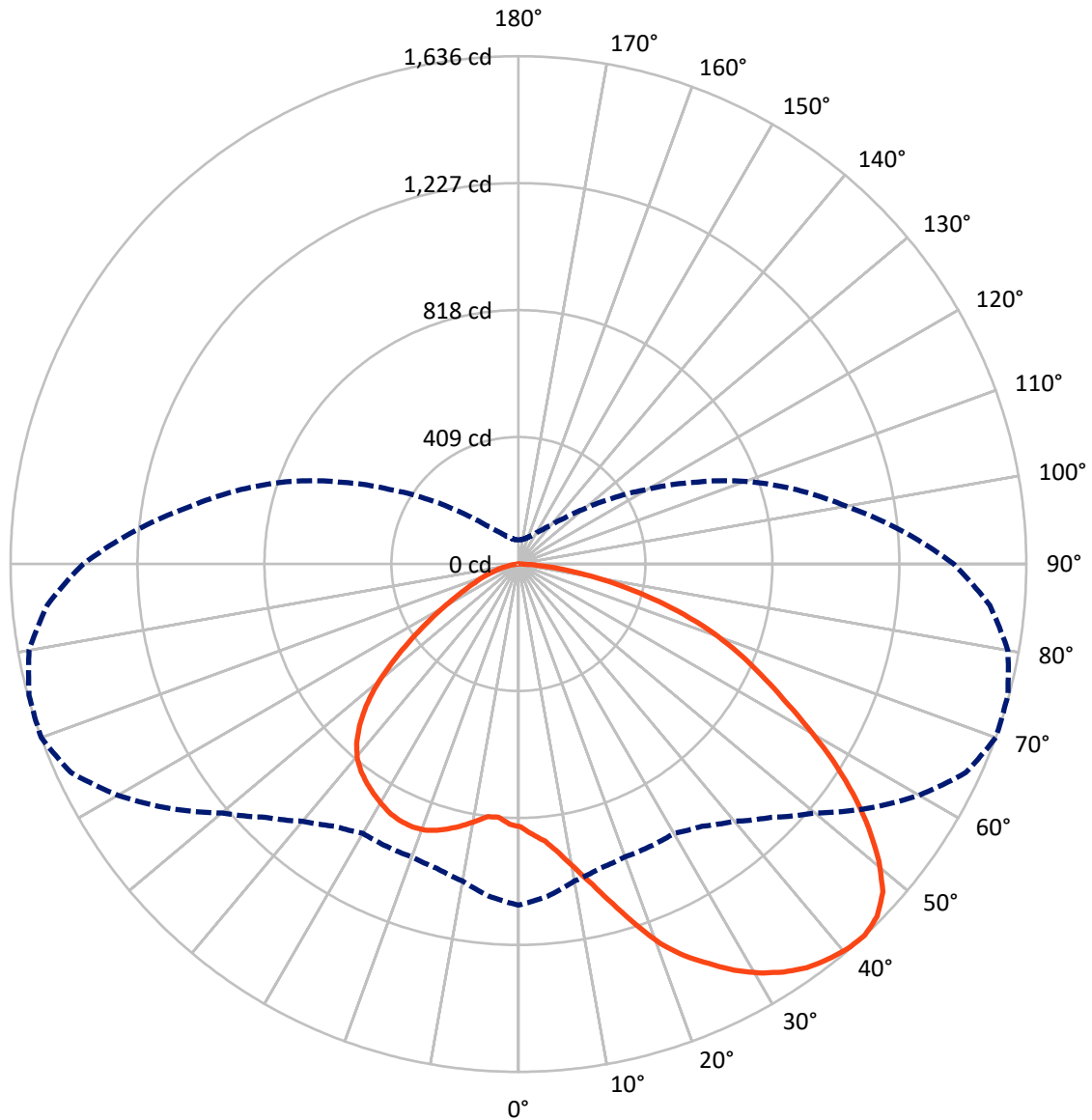
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 10.8 fc  
 Type III - Short - Full Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 70-Deg Lateral    - - - Horizontal Cone Through 42.5-Deg Vertical



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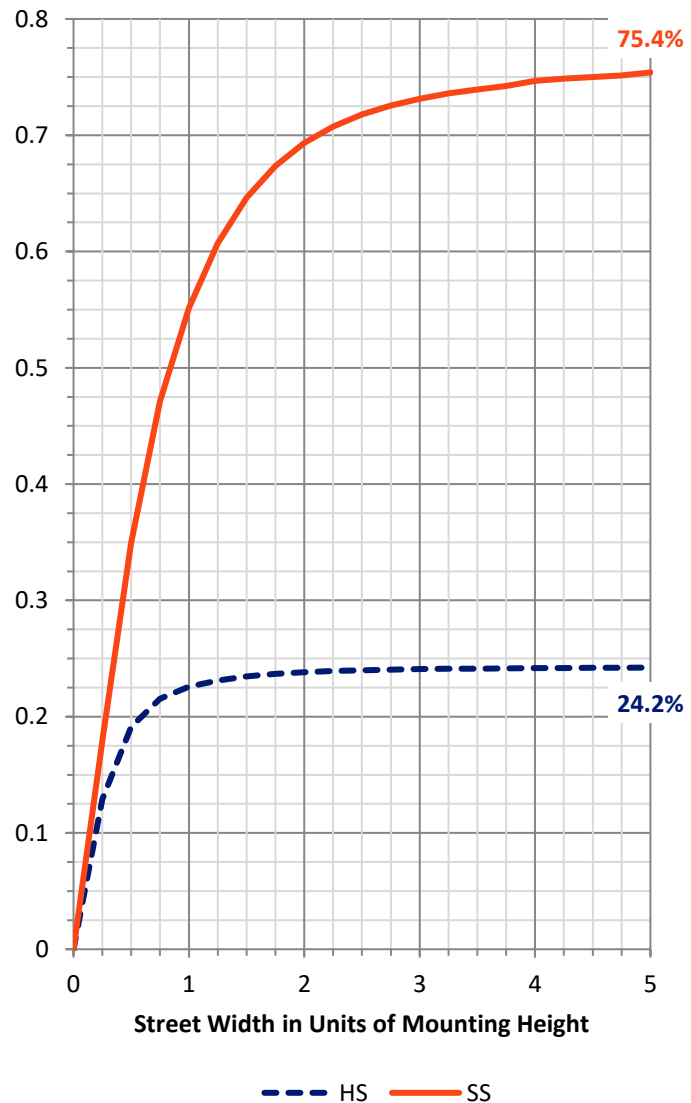
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	780.2	0.0	780.2
	% Fixture	24.4	0.0	24.4
<b>Street Side</b>	Lumens	2411.8	0.0	2411.8
	% Fixture	75.6	0.0	75.6
<b>Total</b>	Lumens	3192.0	0.0	3192.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	80.7	2.5
10°-20°	253.1	7.9
20°-30°	440.5	13.8
30°-40°	574.2	18.0
40°-50°	622.2	19.5
50°-60°	554.7	17.4
60°-70°	404.8	12.7
70°-80°	218.5	6.8
80°-90°	43.4	1.4
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°	3192.0	100.0
0°-180°	3192.0	100.0



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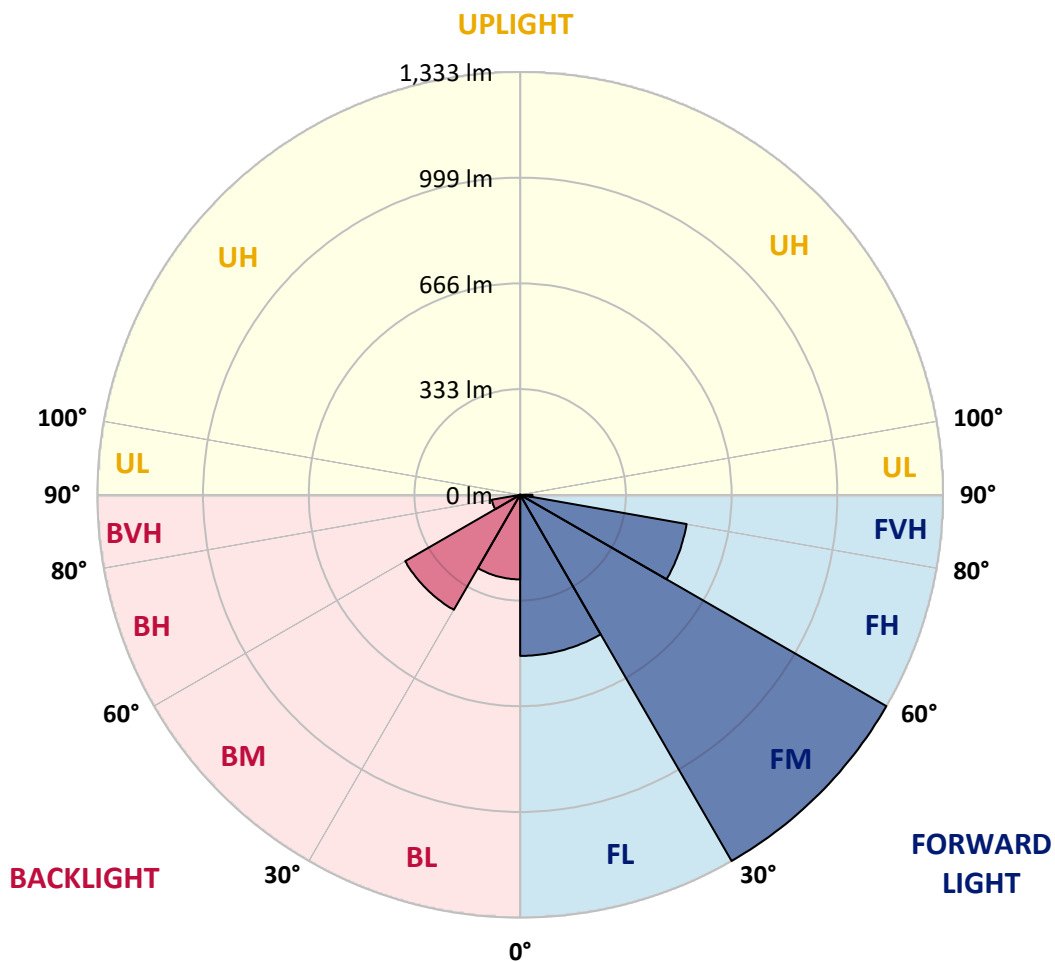
CATALOG NUMBER: WKP6BLEDEDFC

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	507.6	15.9			
FM	(30°-60°)	1332.7	41.7			
FH	(60°-80°)	532.7	16.7			G0/660
FVH	(80°-90°)	38.8	1.2			G1/100
BL	(0°-30°)	266.6	8.4	B1/500		
BM	(30°-60°)	418.4	13.1	B1/1000		
BH	(60°-80°)	90.6	2.8	B0/110		G0/110
BVH	(80°-90°)	4.6	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G1**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	846.9	846.9	846.9	846.9	846.9	846.9	846.9	846.9	846.9	846.9	846.9
2.5°	897.9	894.9	896.9	893.9	893.9	893.9	895.9	896.9	892.9	890.9	888.9
5°	939.9	937.9	941.9	937.9	938.9	933.9	933.9	934.9	929.9	923.9	920.9
7.5°	970.9	970.9	974.9	970.9	967.9	963.9	965.9	969.9	967.9	962.9	961.9
10°	1002.9	997.9	1000.9	998.9	996.9	1002.9	1004.9	1008.9	1008.9	1006.9	1009.9
12.5°	1026.9	1024.9	1026.9	1031.9	1037.9	1044.8	1048.8	1051.8	1053.8	1055.8	1062.8
15°	1058.8	1055.8	1059.8	1075.8	1089.8	1100.8	1107.8	1108.8	1111.8	1116.8	1121.8
17.5°	1083.8	1084.8	1098.8	1117.8	1135.8	1154.8	1174.8	1184.8	1186.8	1189.8	1194.8
20°	1107.8	1108.8	1126.8	1146.8	1168.8	1200.8	1229.8	1246.8	1257.8	1265.8	1273.8
22.5°	1132.8	1130.8	1143.8	1164.8	1188.8	1225.8	1262.8	1292.8	1315.8	1332.8	1342.8
25°	1153.8	1149.8	1150.8	1164.8	1194.8	1231.8	1282.8	1326.8	1356.8	1376.8	1392.8
27.5°	1165.8	1158.8	1152.8	1157.8	1176.8	1222.8	1278.8	1338.8	1387.8	1412.8	1429.8
30°	1163.8	1156.8	1147.8	1141.8	1152.8	1190.8	1246.8	1319.8	1386.8	1427.8	1456.8
32.5°	1152.8	1143.8	1128.8	1120.8	1128.8	1154.8	1203.8	1266.8	1339.8	1406.8	1464.8
35°	1136.8	1124.8	1106.8	1096.8	1097.8	1117.8	1152.8	1201.8	1266.8	1350.8	1438.8
37.5°	1120.8	1103.8	1082.8	1064.8	1066.8	1078.8	1101.8	1138.8	1195.8	1282.8	1387.8
40°	1109.8	1089.8	1061.8	1036.9	1035.9	1040.9	1051.8	1085.8	1135.8	1215.8	1320.8
42.5°	1098.8	1074.8	1036.9	1014.9	1003.9	1003.9	1001.9	1030.9	1081.8	1153.8	1247.8
45°	1082.8	1055.8	1015.9	991.9	974.9	960.9	953.9	978.9	1026.9	1096.8	1182.8
47.5°	1057.8	1031.9	987.9	962.9	941.9	921.9	911.9	932.9	979.9	1039.9	1118.8
50°	1032.9	1000.9	957.9	927.9	901.9	883.9	876.9	890.9	930.9	989.9	1059.8
52.5°	996.9	963.9	921.9	888.9	864.9	849.9	847.9	857.9	884.9	932.9	999.9
55°	957.9	921.9	882.9	846.9	819.9	807.9	813.9	825.9	842.9	881.9	939.9
57.5°	906.9	872.9	834.9	799.9	775.9	768.9	776.9	787.9	803.9	832.9	881.9
60°	845.9	814.9	779.9	748.9	729.9	723.9	732.9	743.9	757.9	780.9	821.9
62.5°	777.9	750.9	717.9	690.9	675.9	672.9	682.9	691.9	705.9	728.9	760.9
65°	699.9	676.9	649.9	623.9	613.9	610.9	617.9	630.9	644.9	666.9	692.9
67.5°	618.9	597.9	575.9	550.9	542.9	539.9	544.9	556.9	571.9	593.9	617.9
70°	530.9	513.9	493.9	469.9	467.9	467.9	472.9	482.9	493.9	515.9	538.9
72.5°	438.9	424.9	405.9	389.9	389.9	395.9	397.9	409.9	421.9	436.9	456.9
75°	347.9	336.0	322.0	311.0	312.0	319.0	323.0	332.0	344.0	356.9	373.9
77.5°	260.0	250.0	241.0	237.0	236.0	243.0	246.0	255.0	265.0	276.0	289.0
80°	178.0	171.0	165.0	164.0	164.0	171.0	173.0	180.0	188.0	197.0	206.0
82.5°	106.0	102.0	98.0	99.0	100.0	105.0	107.0	112.0	117.0	124.0	129.0
85°	48.0	45.0	46.0	45.0	46.0	50.0	52.0	54.0	58.0	62.0	65.0
87.5°	9.0	7.0	9.0	9.0	10.0	12.0	12.0	14.0	16.0	18.0	19.0
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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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	846.9	846.9	846.9	846.9	846.9	846.9	846.9	846.9	846.9	846.9	846.9
2.5°	887.9	885.9	877.9	871.9	874.9	873.9	869.9	862.9	856.9	851.9	845.9
5°	919.9	915.9	903.9	896.9	895.9	890.9	881.9	869.9	854.9	844.9	832.9
7.5°	963.9	959.9	946.9	938.9	938.9	932.9	918.9	902.9	880.9	865.9	846.9
10°	1012.9	1009.9	1002.9	995.9	992.9	985.9	970.9	949.9	924.9	901.9	874.9
12.5°	1067.8	1068.8	1063.8	1058.8	1053.8	1050.8	1028.9	1001.9	972.9	942.9	903.9
15°	1130.8	1138.8	1137.8	1134.8	1128.8	1120.8	1089.8	1057.8	1020.9	979.9	934.9
17.5°	1204.8	1216.8	1220.8	1219.8	1216.8	1204.8	1164.8	1125.8	1077.8	1022.9	964.9
20°	1286.8	1300.8	1303.8	1304.8	1297.8	1282.8	1236.8	1186.8	1129.8	1066.8	990.9
22.5°	1353.8	1359.8	1368.8	1370.8	1365.8	1343.8	1297.8	1239.8	1169.8	1096.8	1005.9
25°	1404.8	1414.8	1420.8	1425.8	1421.8	1402.8	1354.8	1285.8	1208.8	1119.8	1016.9
27.5°	1445.8	1467.8	1475.8	1481.8	1474.8	1455.8	1395.8	1320.8	1234.8	1129.8	1016.9
30°	1486.8	1505.8	1516.8	1528.8	1521.8	1493.8	1433.8	1354.8	1251.8	1137.8	1013.9
32.5°	1507.8	1534.8	1556.8	1566.8	1559.8	1529.8	1465.8	1379.8	1267.8	1135.8	1003.9
35°	1513.8	1550.8	1582.8	1597.8	1592.8	1556.8	1491.8	1399.8	1277.8	1127.8	990.9
37.5°	1488.8	1559.8	1601.8	1616.8	1611.8	1579.8	1511.8	1408.8	1272.8	1118.8	975.9
40°	1436.8	1537.8	1604.8	1630.8	1629.8	1600.8	1525.8	1410.8	1262.8	1100.8	955.9
42.5°	1372.8	1489.8	1589.8	1635.8	1631.8	1600.8	1523.8	1401.8	1237.8	1071.8	925.9
45°	1293.8	1429.8	1546.8	1619.8	1621.8	1583.8	1507.8	1372.8	1203.8	1032.9	887.9
47.5°	1215.8	1356.8	1483.8	1579.8	1593.8	1546.8	1460.8	1323.8	1145.8	982.9	833.9
50°	1152.8	1275.8	1410.8	1504.8	1519.8	1461.8	1368.8	1235.8	1063.8	902.9	761.9
52.5°	1084.8	1188.8	1319.8	1412.8	1423.8	1367.8	1262.8	1125.8	955.9	808.9	672.9
55°	1016.9	1109.8	1221.8	1308.8	1305.8	1237.8	1125.8	987.9	829.9	694.9	575.9
57.5°	950.9	1029.9	1119.8	1194.8	1165.8	1077.8	962.9	837.9	687.9	579.9	476.9
60°	883.9	951.9	1020.9	1070.8	1035.9	941.9	826.9	697.9	564.9	461.9	380.9
62.5°	817.9	873.9	925.9	956.9	928.9	839.9	726.9	602.9	472.9	379.9	302.0
65°	743.9	793.9	834.9	857.9	838.9	755.9	640.9	519.9	398.9	312.0	244.0
67.5°	664.9	709.9	741.9	763.9	748.9	673.9	561.9	447.9	338.0	257.0	198.0
70°	571.9	615.9	644.9	666.9	651.9	586.9	487.9	376.9	276.0	208.0	160.0
72.5°	486.9	516.9	539.9	558.9	548.9	495.9	409.9	310.0	224.0	164.0	126.0
75°	391.9	416.9	432.9	446.9	438.9	399.9	329.0	245.0	174.0	125.0	97.0
77.5°	301.0	320.0	329.0	339.0	330.0	302.0	248.0	184.0	129.0	92.0	70.0
80°	218.0	226.0	234.0	236.0	228.0	208.0	171.0	127.0	87.0	61.0	47.0
82.5°	134.0	141.0	145.0	146.0	139.0	127.0	104.0	76.0	52.0	36.0	27.0
85°	67.0	70.0	72.0	72.0	67.0	61.0	50.0	36.0	25.0	15.0	11.0
87.5°	22.0	21.0	21.0	21.0	19.0	17.0	14.0	10.0	6.0	2.0	2.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	846.9	846.9	846.9	846.9	846.9	846.9	846.9	846.9	846.9	846.9	846.9
2.5°	837.9	828.9	822.9	815.9	805.9	803.9	796.9	792.9	788.9	783.9	779.9
5°	817.9	799.9	785.9	773.9	758.9	751.9	738.9	729.9	724.9	716.9	711.9
7.5°	819.9	796.9	771.9	749.9	723.9	706.9	684.9	670.9	657.9	646.9	643.9
10°	839.9	804.9	769.9	734.9	699.9	670.9	640.9	617.9	597.9	577.9	572.9
12.5°	860.9	813.9	766.9	721.9	676.9	639.9	601.9	573.9	544.9	521.9	510.9
15°	879.9	822.9	764.9	710.9	653.9	609.9	568.9	533.9	500.9	473.9	455.9
17.5°	896.9	827.9	758.9	696.9	635.9	586.9	539.9	497.9	463.9	432.9	410.9
20°	908.9	827.9	748.9	677.9	616.9	560.9	509.9	465.9	424.9	392.9	362.9
22.5°	912.9	822.9	736.9	659.9	593.9	531.9	476.9	427.9	384.9	347.9	319.0
25°	910.9	810.9	719.9	639.9	566.9	500.9	437.9	386.9	343.0	304.0	274.0
27.5°	903.9	795.9	704.9	616.9	535.9	462.9	397.9	344.0	301.0	264.0	236.0
30°	890.9	778.9	681.9	586.9	498.9	421.9	355.9	305.0	261.0	224.0	199.0
32.5°	875.9	757.9	652.9	550.9	456.9	378.9	314.0	262.0	220.0	188.0	166.0
35°	858.9	736.9	617.9	506.9	411.9	333.0	269.0	220.0	184.0	157.0	140.0
37.5°	839.9	706.9	575.9	462.9	365.9	288.0	227.0	185.0	155.0	134.0	120.0
40°	814.9	669.9	528.9	414.9	321.0	245.0	192.0	157.0	133.0	116.0	104.0
42.5°	778.9	621.9	480.9	367.9	276.0	209.0	163.0	135.0	116.0	101.0	92.0
45°	729.9	567.9	428.9	321.0	236.0	178.0	141.0	118.0	101.0	91.0	83.0
47.5°	670.9	505.9	376.9	275.0	200.0	152.0	122.0	103.0	92.0	83.0	77.0
50°	599.9	441.9	323.0	234.0	169.0	131.0	106.0	93.0	84.0	77.0	72.0
52.5°	516.9	382.9	274.0	197.0	144.0	113.0	95.0	85.0	78.0	72.0	67.0
55°	432.9	319.0	231.0	164.0	122.0	98.0	86.0	78.0	72.0	67.0	62.0
57.5°	356.9	264.0	193.0	136.0	104.0	87.0	77.0	71.0	66.0	62.0	58.0
60°	291.0	215.0	157.0	114.0	89.0	77.0	70.0	64.0	60.0	56.0	53.0
62.5°	232.0	176.0	128.0	95.0	77.0	68.0	62.0	58.0	54.0	51.0	48.0
65°	187.0	144.0	104.0	80.0	66.0	59.0	55.0	51.0	48.0	45.0	42.0
67.5°	151.0	117.0	86.0	67.0	57.0	51.0	48.0	44.0	41.0	38.0	36.0
70°	122.0	94.0	70.0	56.0	48.0	43.0	39.0	36.0	34.0	32.0	30.0
72.5°	96.0	74.0	56.0	45.0	38.0	34.0	31.0	29.0	28.0	26.0	24.0
75°	73.0	56.0	42.0	34.0	29.0	26.0	24.0	22.0	21.0	20.0	19.0
77.5°	53.0	40.0	29.0	24.0	20.0	18.0	17.0	16.0	15.0	14.0	13.0
80°	35.0	24.0	18.0	15.0	13.0	12.0	11.0	10.0	10.0	9.0	9.0
82.5°	18.0	12.0	10.0	8.0	7.0	6.0	6.0	5.0	5.0	5.0	5.0
85°	7.0	4.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0
87.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	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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**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°
0°	846.9	846.9	846.9	846.9
2.5°	777.9	780.9	778.9	775.9
5°	708.9	709.9	705.9	702.9
7.5°	635.9	634.9	631.9	628.9
10°	561.9	559.9	557.9	554.9
12.5°	499.9	495.9	492.9	490.9
15°	444.9	437.9	433.9	432.9
17.5°	392.9	384.9	379.9	378.9
20°	344.0	331.0	326.0	324.0
22.5°	294.0	281.0	275.0	271.0
25°	252.0	238.0	231.0	229.0
27.5°	214.0	201.0	195.0	191.0
30°	179.0	168.0	163.0	160.0
32.5°	150.0	141.0	137.0	135.0
35°	127.0	120.0	116.0	115.0
37.5°	109.0	103.0	100.0	100.0
40°	95.0	90.0	87.0	86.0
42.5°	85.0	81.0	78.0	78.0
45°	78.0	74.0	72.0	71.0
47.5°	72.0	69.0	66.0	66.0
50°	67.0	64.0	62.0	61.0
52.5°	63.0	60.0	58.0	57.0
55°	59.0	56.0	54.0	53.0
57.5°	55.0	52.0	50.0	49.0
60°	50.0	48.0	46.0	45.0
62.5°	45.0	43.0	41.0	41.0
65°	40.0	37.0	37.0	36.0
67.5°	34.0	32.0	31.0	31.0
70°	29.0	27.0	26.0	26.0
72.5°	23.0	22.0	21.0	21.0
75°	18.0	17.0	17.0	16.0
77.5°	13.0	12.0	12.0	12.0
80°	8.0	8.0	8.0	8.0
82.5°	5.0	4.0	4.0	4.0
85°	2.0	1.0	1.0	1.0
87.5°	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0

(END OF REPORT)