

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: McGRAW-EDISON

Report Number: P197988

Luminaire Tested: **TT-C6-LED-E1-RW-PM-MS/DIM-7060**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P197988
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P34692)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: TT-C6-LED-E1-RW-PM-MS/DIM-7060
Description: TOPTIER LED AREA/SITE LUMINAIRE
RECTANGULAR DISTRIBUTION WITH DIMMING OCCUPANCY SENSOR
Light Source: (160) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9161.9 lumens
Efficiency: N/A
Efficacy: 84.8 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type IV - Short - Semi-Cutoff
BUG Rating: B3 - U0 - G3

Input Watts (W): 108
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

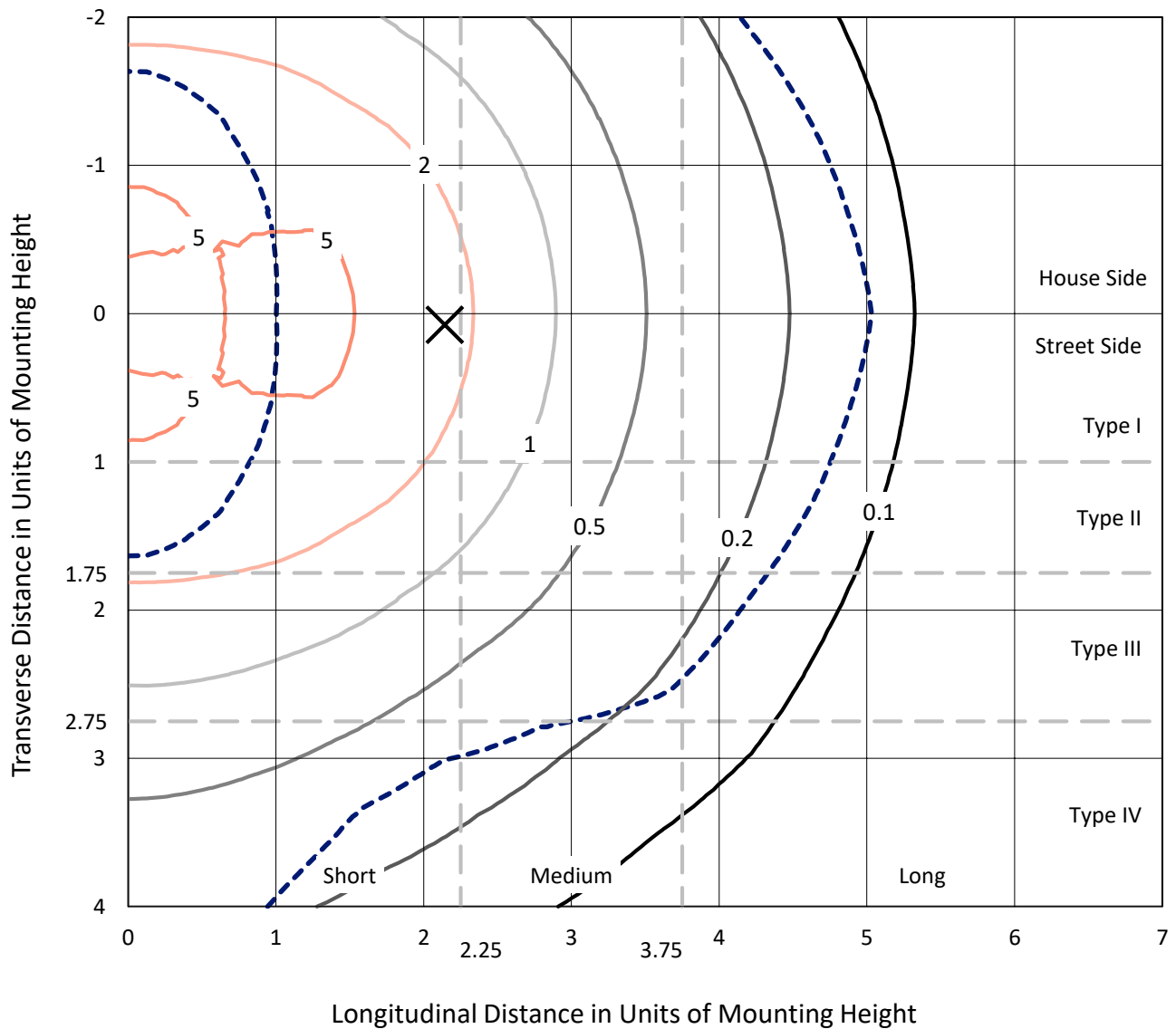


REPORT NUMBER: P197988

CATALOG NUMBER: TT-C6-LED-E1-RW-PM-MS/DIM-7060

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

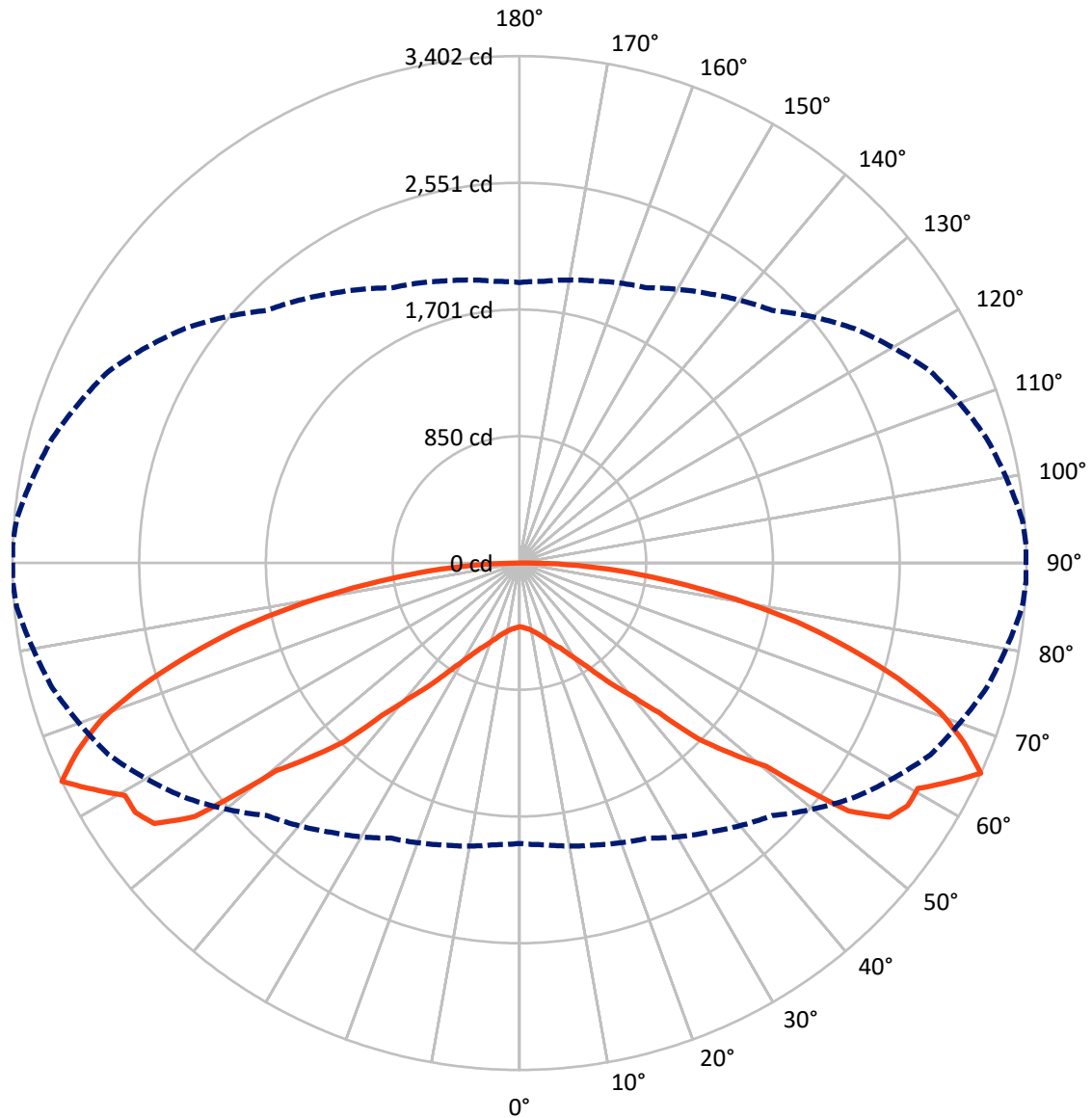


Based on 10 foot mounting height. Maximum calculated value = 6 fc
 Type IV - Short - Semi-Cutoff

REPORT NUMBER: P197988

CATALOG NUMBER: TT-C6-LED-E1-RW-PM-MS/DIM-7060

Luminous Intensity Polar Plot



— Vertical Plane Through 88-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

REPORT NUMBER: P197988

CATALOG NUMBER: TT-C6-LED-E1-RW-PM-MS/DIM-7060

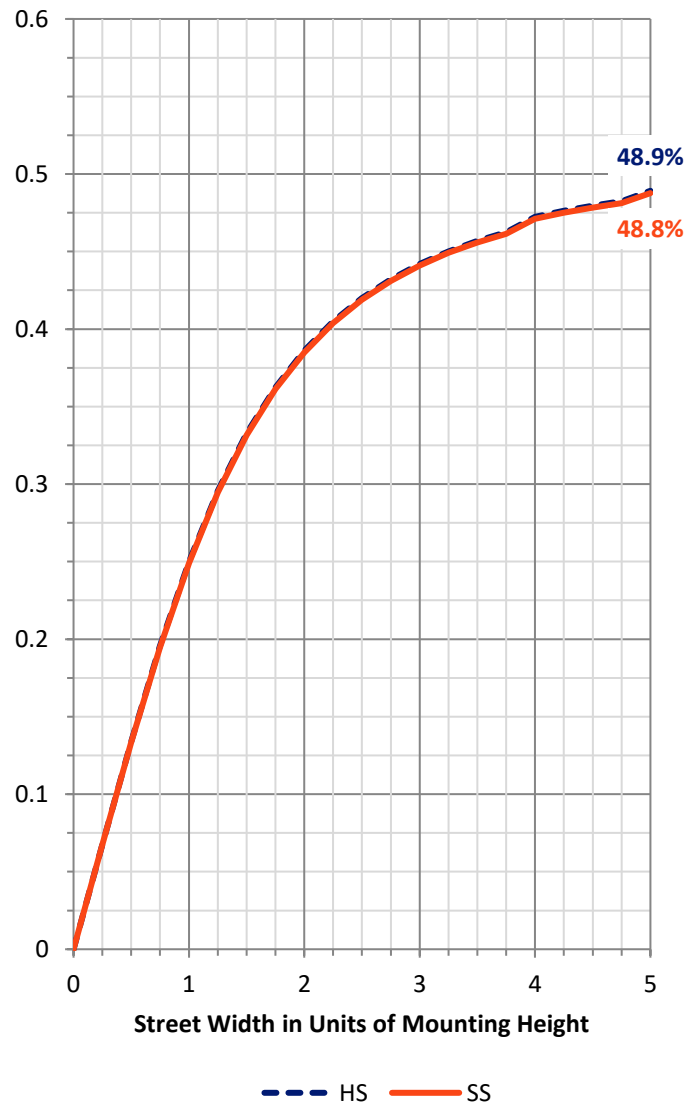
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4581.0	0.0	4581.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	4581.0	0.0	4581.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	9161.9	0.0	9161.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.7	0.5
10°-20°	146.0	1.6
20°-30°	310.1	3.4
30°-40°	592.6	6.5
40°-50°	1089.3	11.9
50°-60°	1886.6	20.6
60°-70°	2454.4	26.8
70°-80°	2011.4	22.0
80°-90°	628.8	6.9
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°	9161.9	100.0
0°-180°	9161.9	100.0



REPORT NUMBER: P197988

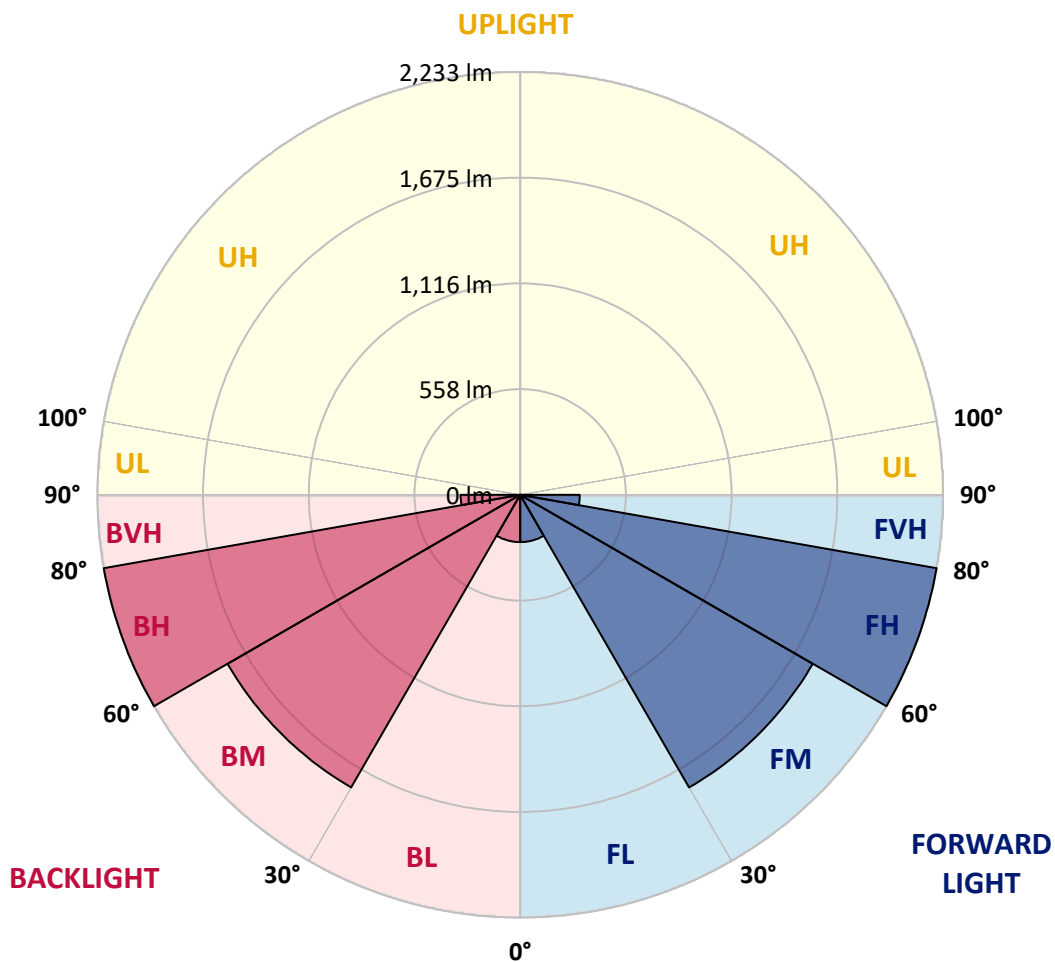
CATALOG NUMBER: TT-C6-LED-E1-RW-PM-MS/DIM-7060

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	249.5	2.7			
FM	(30°-60°)	1784.2	19.5			
FH	(60°-80°)	2232.9	24.4			G2/5000
FVH	(80°-90°)	314.4	3.4			G3/500
BL	(0°-30°)	249.5	2.7	B1/500		
BM	(30°-60°)	1784.2	19.5	B2/2500		
BH	(60°-80°)	2232.9	24.4	B3/2500		G3/2500
BVH	(80°-90°)	314.4	3.4			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type IV Short





REPORT NUMBER: P197988

CATALOG NUMBER: TT-C6-LED-E1-RW-PM-MS/DIM-7060

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	88°
0°	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1	428.1
2.5°	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0	432.0
5°	439.7	439.7	439.7	441.6	441.6	441.6	441.6	441.6	439.7	439.7	439.7
7.5°	449.3	449.3	451.2	451.2	451.2	451.2	449.3	449.3	447.4	447.4	447.4
10°	464.7	464.7	466.7	466.7	464.7	462.8	462.8	462.8	460.9	460.9	460.9
12.5°	486.0	486.0	487.9	486.0	484.0	482.1	482.1	480.2	478.2	478.2	478.2
15°	514.9	514.9	513.0	509.1	505.2	505.2	499.5	499.5	499.5	499.5	497.5
17.5°	553.5	551.5	543.8	541.9	536.1	532.2	528.4	526.5	524.5	524.5	526.5
20°	595.9	592.0	582.4	582.4	572.7	567.0	563.1	559.2	559.2	557.3	555.4
22.5°	646.0	642.2	630.6	626.7	617.1	607.4	603.6	593.9	592.0	592.0	593.9
25°	696.2	698.1	688.4	680.7	667.2	657.6	644.1	638.3	632.5	632.5	628.7
27.5°	754.0	755.9	744.4	734.7	723.2	703.9	696.2	688.4	682.7	686.5	682.7
30°	815.7	819.6	809.9	798.4	781.0	761.7	752.1	750.1	744.4	748.2	746.3
32.5°	887.1	885.1	879.4	867.8	844.6	829.2	821.5	819.6	823.4	825.4	823.4
35°	970.0	962.3	956.5	939.1	917.9	906.3	898.6	906.3	923.7	935.3	931.4
37.5°	1056.8	1045.2	1039.4	1020.1	1000.8	995.1	1004.7	1020.1	1037.5	1052.9	1052.9
40°	1128.1	1132.0	1118.5	1101.1	1085.7	1091.5	1108.8	1135.8	1170.5	1186.0	1184.0
42.5°	1199.5	1211.0	1197.5	1180.2	1182.1	1199.5	1224.5	1274.7	1351.8	1375.0	1373.0
45°	1263.1	1288.2	1276.6	1265.0	1282.4	1311.3	1378.8	1490.7	1596.7	1675.8	1681.6
47.5°	1346.0	1359.5	1353.7	1353.7	1380.7	1448.2	1550.4	1706.6	1818.5	1893.7	1905.3
50°	1440.5	1427.0	1428.9	1446.3	1513.8	1614.1	1752.9	1899.5	2100.0	2134.7	2144.4
52.5°	1519.6	1496.4	1509.9	1542.7	1641.1	1768.3	1941.9	2242.7	2499.2	2730.6	2763.4
55°	1600.6	1573.6	1600.6	1652.6	1797.3	1974.7	2229.2	2578.3	2848.3	2992.9	3010.2
57.5°	1662.3	1658.4	1697.0	1772.2	1949.6	2186.8	2474.1	2773.0	2954.3	3056.5	3071.9
60°	1739.4	1743.3	1787.6	1887.9	2100.0	2327.6	2541.6	2815.5	2994.8	3054.6	3071.9
62.5°	1812.7	1828.1	1880.2	1994.0	2179.1	2352.7	2559.0	2890.7	3118.2	3247.4	3235.9
65°	1882.1	1897.5	1959.3	2036.4	2206.1	2397.0	2742.2	3043.0	3243.6	3386.3	3401.7
67.5°	1951.5	1970.8	1995.9	2057.6	2221.5	2400.9	2699.8	2952.4	3114.4	3212.7	3218.5
70°	2011.3	2009.4	2003.6	2021.0	2123.2	2262.0	2539.7	2740.3	2892.6	2973.6	2992.9
72.5°	2019.0	2013.3	1945.8	1895.6	1928.4	2038.3	2304.4	2464.5	2580.2	2647.7	2661.2
75°	1955.4	1922.6	1789.6	1681.6	1675.8	1785.7	2009.4	2125.1	2194.5	2281.3	2287.1
77.5°	1749.1	1712.4	1563.9	1417.4	1417.4	1488.7	1675.8	1737.5	1824.3	1889.8	1907.2
80°	1409.7	1405.8	1251.5	1135.8	1093.4	1153.2	1305.5	1328.7	1394.2	1450.2	1467.5
82.5°	1020.1	991.2	906.3	808.0	773.3	811.9	916.0	939.1	964.2	1014.3	1035.6
85°	617.1	619.0	561.2	505.2	460.9	474.4	555.4	588.2	620.9	653.7	665.3
87.5°	221.8	256.5	200.6	177.4	154.3	146.6	171.6	212.1	248.8	295.0	320.1
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: P197988

CATALOG NUMBER: TT-C6-LED-E1-RW-PM-MS/DIM-7060

CANDELA DISTRIBUTION (continued):

	90°
0°	428.1
2.5°	432.0
5°	437.7
7.5°	447.4
10°	460.9
12.5°	478.2
15°	497.5
17.5°	522.6
20°	555.4
22.5°	590.1
25°	630.6
27.5°	686.5
30°	744.4
32.5°	823.4
35°	941.1
37.5°	1052.9
40°	1189.8
42.5°	1380.7
45°	1689.3
47.5°	1903.3
50°	2161.7
52.5°	2736.4
55°	3016.0
57.5°	3075.8
60°	3071.9
62.5°	3266.7
65°	3399.8
67.5°	3222.4
70°	3000.6
72.5°	2655.4
75°	2300.6
77.5°	1916.8
80°	1475.2
82.5°	1027.8
85°	692.3
87.5°	285.4
90°	0.0

(END OF REPORT)