

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: P92754

Luminaire Tested: **LRC-B64-3-LED-E1-WST**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P92754
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P22279)
Test Lab: INNOVATION CENTER P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: LRC-B64-3-LED-E1-WST
Description: LRC CANOPY LUMINAIRE
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6523.5 lumens
Efficiency: N/A
Efficacy: 94.0 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.9' x L: 0.9' x H: 0.1')
IES Classification: Type V - Short - Full Cutoff
BUG Rating: B2 - U0 - G0

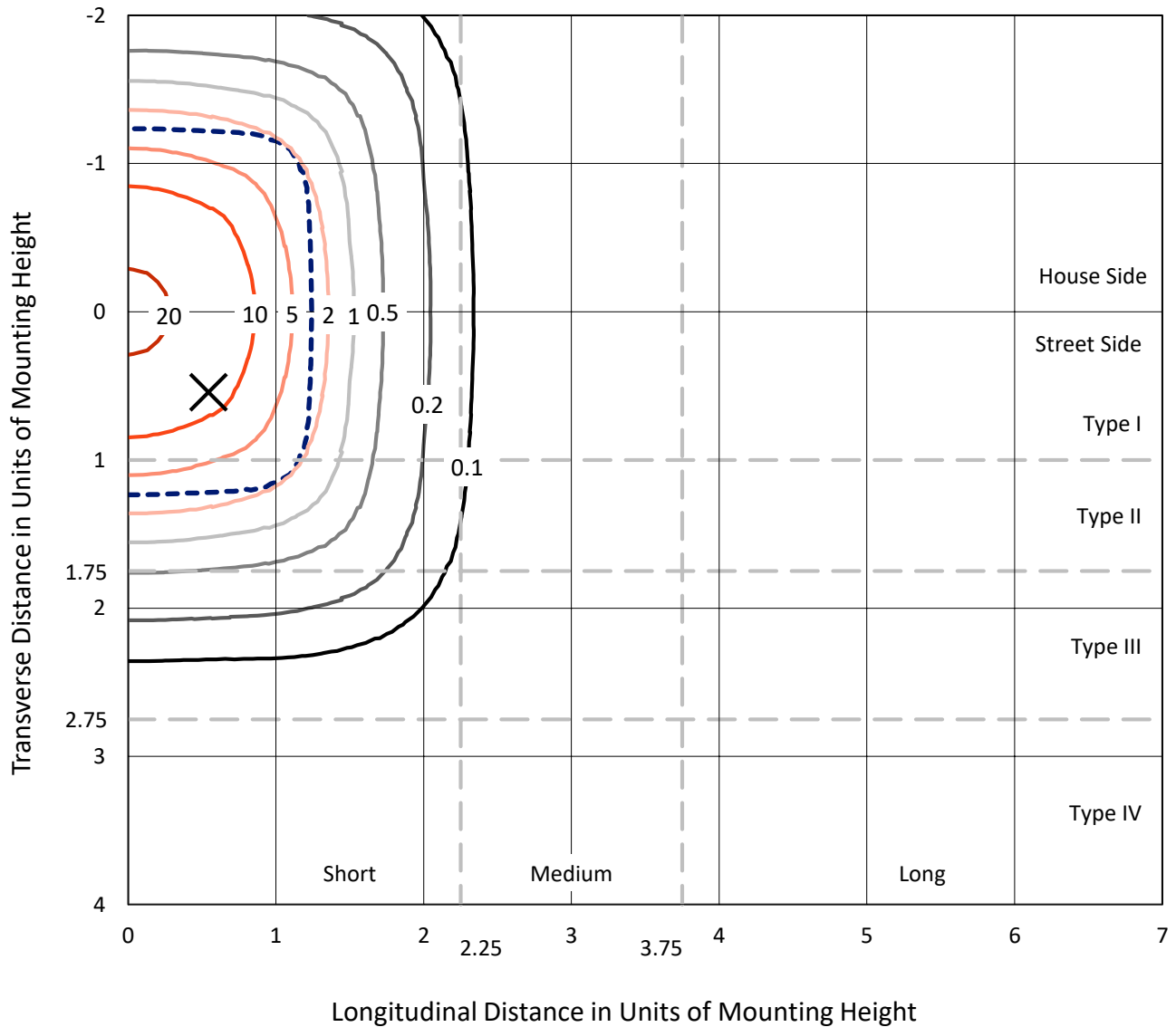
Input Watts (W): 69.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

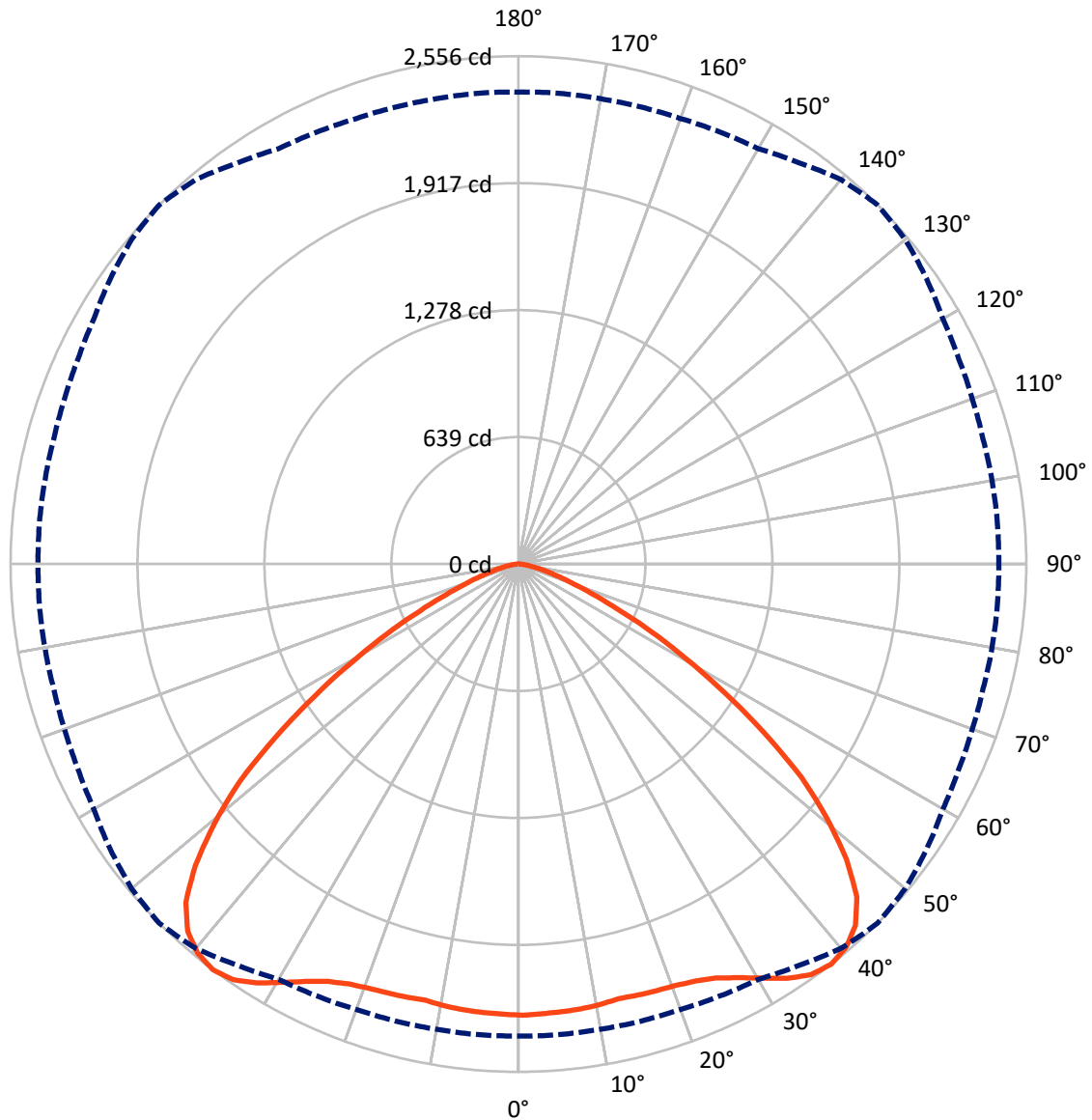


Based on 10 foot mounting height. Maximum calculated value = 22.7 fc
 Type V - Short - Full Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 37.5-Deg Vertical

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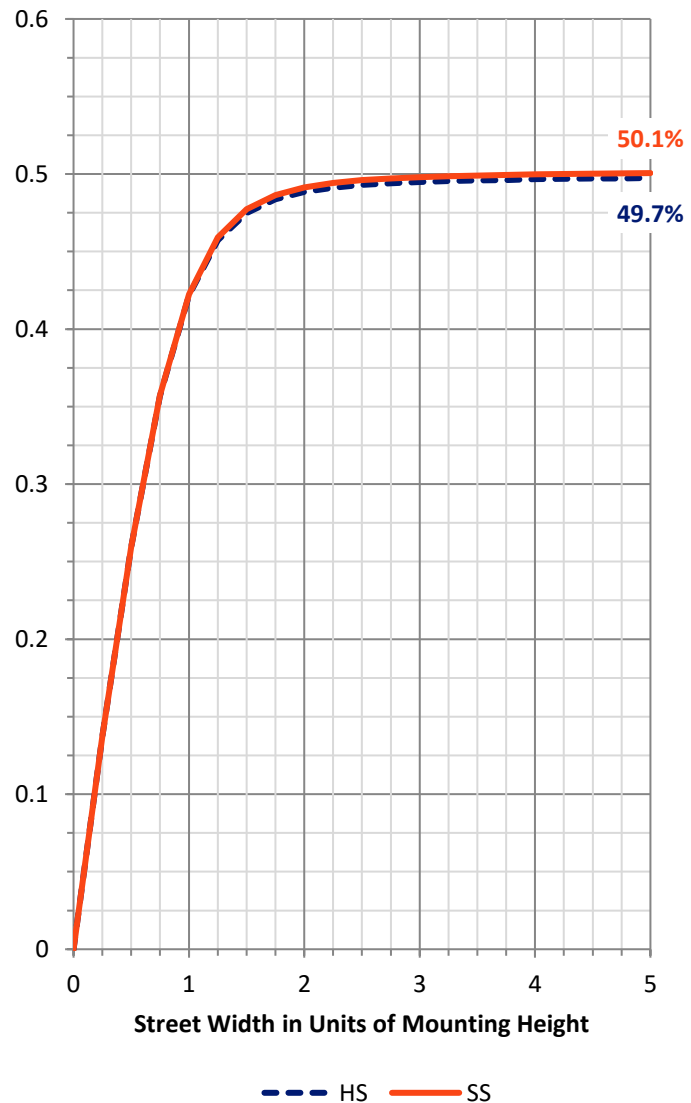
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3261.8	0.0	3261.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	3261.8	0.0	3261.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	6523.5	0.0	6523.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	215.6	3.3
10°-20°	638.9	9.8
20°-30°	1086.4	16.7
30°-40°	1531.6	23.5
40°-50°	1600.2	24.5
50°-60°	982.8	15.1
60°-70°	352.6	5.4
70°-80°	99.6	1.5
80°-90°	15.8	0.2
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°	6523.5	100.0
0°-180°	6523.5	100.0

Coefficient of Utilization



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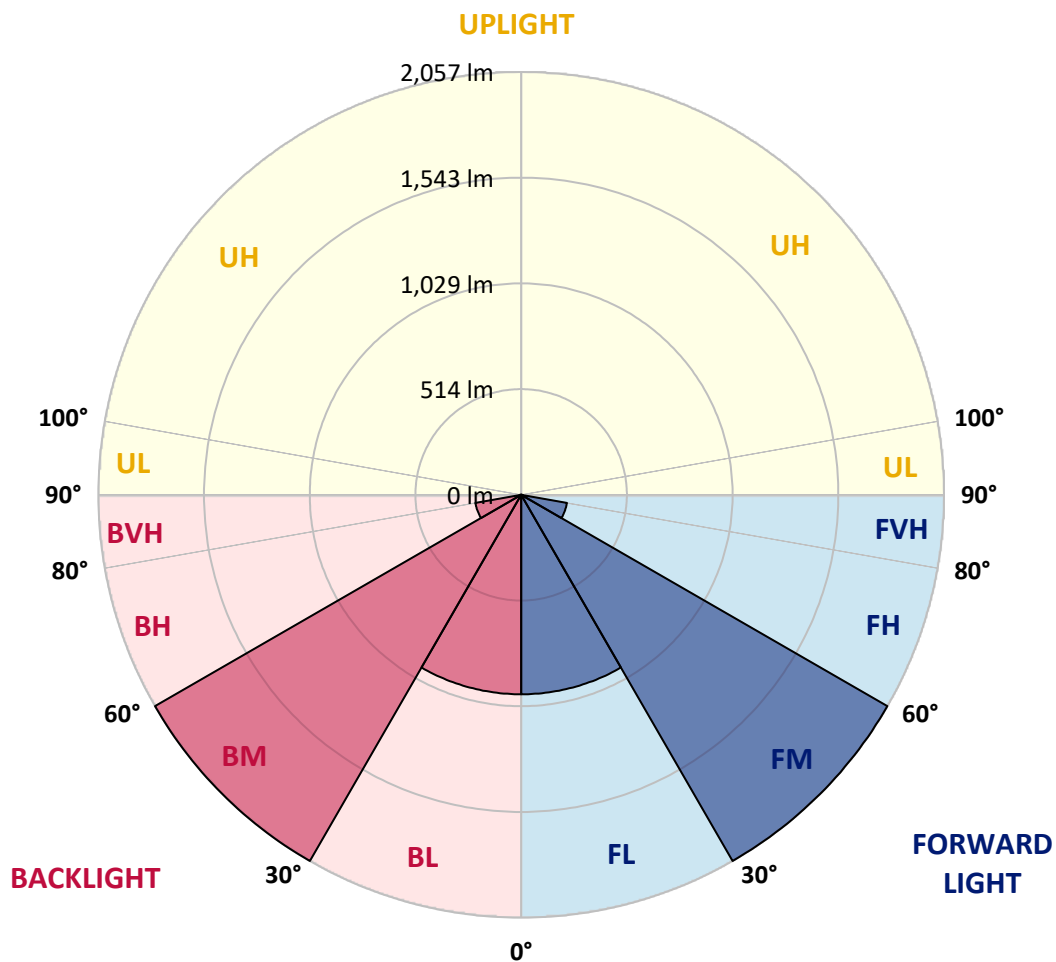
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	970.4	14.9			
FM	(30°-60°)	2057.3	31.5			
FH	(60°-80°)	226.1	3.5			G0/660
FVH	(80°-90°)	7.9	0.1			G0/10
BL	(0°-30°)	970.4	14.9	B2/1000		
BM	(30°-60°)	2057.3	31.5	B2/2500		
BH	(60°-80°)	226.1	3.5	B1/500		G0/660
BVH	(80°-90°)	7.9	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G0

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2271.0	2271.0	2271.0	2271.0	2271.0	2271.0	2271.0	2271.0	2271.0	2271.0	2271.0
2.5°	2271.0	2267.1	2267.8	2265.5	2267.1	2265.5	2266.3	2266.3	2263.9	2266.3	2268.6
5°	2270.2	2265.5	2263.9	2262.3	2264.7	2265.5	2265.5	2264.7	2263.1	2263.9	2263.1
7.5°	2260.0	2256.1	2254.5	2254.5	2256.1	2257.6	2259.2	2260.0	2259.2	2260.7	2256.9
10°	2254.5	2249.8	2248.2	2246.6	2247.4	2245.9	2249.0	2253.7	2251.3	2254.5	2252.9
12.5°	2251.3	2246.6	2245.1	2246.6	2245.1	2245.9	2244.3	2244.3	2242.7	2244.3	2245.9
15°	2256.1	2252.1	2252.1	2251.3	2250.5	2256.1	2250.5	2249.8	2250.5	2251.3	2246.6
17.5°	2266.3	2265.5	2267.1	2265.5	2264.7	2267.8	2260.7	2260.7	2256.1	2256.9	2252.1
20°	2282.7	2279.6	2284.3	2282.7	2281.9	2279.6	2277.3	2269.4	2263.1	2263.9	2260.0
22.5°	2319.7	2317.3	2312.6	2311.0	2306.3	2300.0	2295.3	2289.0	2281.2	2279.6	2279.6
25°	2373.8	2371.5	2366.0	2360.5	2349.5	2336.9	2328.3	2320.4	2306.3	2307.9	2309.5
27.5°	2428.0	2425.6	2423.2	2413.8	2402.8	2395.0	2376.2	2363.6	2351.9	2357.3	2355.7
30°	2449.2	2450.7	2442.9	2443.6	2436.6	2431.9	2420.9	2419.3	2410.7	2418.6	2419.3
32.5°	2456.2	2457.0	2450.0	2448.4	2440.5	2440.5	2445.2	2455.4	2470.4	2486.0	2484.5
35°	2430.3	2433.4	2429.5	2430.3	2426.4	2430.3	2441.3	2468.8	2518.2	2537.9	2527.7
37.5°	2375.4	2377.7	2377.7	2381.6	2385.6	2398.9	2413.8	2464.8	2525.3	2556.0	2541.0
40°	2275.7	2275.7	2278.1	2285.9	2302.4	2327.5	2363.6	2432.7	2497.0	2537.9	2533.2
42.5°	2119.5	2121.8	2132.0	2149.3	2179.2	2215.2	2265.5	2353.4	2427.2	2486.8	2470.4
45°	1916.9	1924.8	1938.1	1962.5	2002.5	2053.5	2122.6	2221.6	2325.9	2387.9	2351.1
47.5°	1670.4	1679.9	1703.4	1738.0	1790.6	1856.5	1942.1	2057.4	2170.5	2221.6	2183.8
50°	1391.0	1398.8	1431.0	1475.0	1539.3	1621.0	1722.2	1850.2	1963.3	2012.7	1971.1
52.5°	1090.3	1100.5	1135.1	1186.9	1262.2	1360.4	1473.4	1610.0	1715.2	1782.7	1747.4
55°	808.5	823.5	853.2	910.6	984.4	1084.1	1201.1	1342.3	1443.6	1501.7	1462.4
57.5°	594.2	604.4	629.6	675.9	741.0	832.1	949.0	1079.3	1184.5	1226.2	1190.1
60°	434.1	441.2	460.8	496.1	547.9	624.8	726.1	845.5	936.5	969.4	928.6
62.5°	311.6	317.1	331.3	358.7	400.3	462.4	540.8	636.6	722.2	751.2	695.5
65°	219.8	223.0	233.2	255.1	289.7	337.5	398.0	467.9	531.4	550.3	506.3
67.5°	154.6	156.2	164.8	179.8	206.4	243.4	288.9	338.3	384.7	396.4	366.6
70°	108.3	109.1	115.4	126.4	146.8	174.2	207.2	245.7	275.6	283.3	263.8
72.5°	74.6	75.4	79.2	87.9	102.9	123.2	149.2	174.2	195.4	201.0	190.0
75°	51.0	51.8	54.2	60.5	70.7	85.6	103.7	122.4	135.0	137.4	132.6
77.5°	34.5	35.3	36.9	40.8	47.1	58.0	71.5	82.5	90.2	91.9	90.2
80°	22.8	22.8	23.5	26.7	30.6	37.7	45.5	52.6	58.0	60.5	58.0
82.5°	14.1	14.1	14.1	15.7	18.1	22.0	25.1	30.6	34.5	36.1	34.5
85°	7.1	7.9	7.9	8.7	9.4	11.0	12.5	14.9	16.5	17.3	16.5
87.5°	3.1	3.1	3.1	3.1	3.9	3.9	4.7	4.7	5.5	5.5	5.5
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°
0°	2271.0	2271.0	2271.0	2271.0	2271.0	2271.0	2271.0	2271.0
2.5°	2267.8	2267.8	2269.4	2267.1	2267.1	2264.7	2269.4	2268.6
5°	2263.9	2263.1	2263.1	2262.3	2261.5	2260.0	2263.1	2261.5
7.5°	2257.6	2258.4	2257.6	2256.9	2256.1	2253.7	2256.9	2256.9
10°	2250.5	2246.6	2243.5	2245.9	2245.9	2245.9	2245.1	2244.3
12.5°	2245.9	2243.5	2240.3	2241.9	2238.8	2238.0	2240.3	2238.0
15°	2245.9	2241.9	2241.1	2239.5	2240.3	2243.5	2247.4	2242.7
17.5°	2250.5	2249.8	2252.9	2254.5	2254.5	2256.1	2260.0	2259.2
20°	2261.5	2260.0	2261.5	2264.7	2269.4	2268.6	2273.3	2274.9
22.5°	2281.9	2278.1	2279.6	2292.2	2299.3	2300.8	2307.1	2308.7
25°	2315.7	2317.3	2322.8	2337.7	2345.5	2353.4	2360.5	2362.8
27.5°	2362.8	2365.2	2373.1	2383.3	2393.5	2397.4	2402.0	2405.2
30°	2420.1	2418.6	2417.8	2412.2	2419.3	2420.1	2427.2	2431.1
32.5°	2468.8	2446.8	2434.2	2424.8	2431.9	2442.1	2445.2	2448.4
35°	2490.8	2461.0	2446.8	2448.4	2451.5	2453.9	2454.6	2462.5
37.5°	2506.5	2467.2	2445.2	2431.1	2421.7	2420.1	2419.3	2417.8
40°	2485.3	2430.3	2386.4	2360.5	2347.9	2337.7	2332.2	2330.7
42.5°	2405.2	2327.5	2281.2	2252.1	2228.6	2208.1	2198.7	2197.2
45°	2271.0	2195.6	2143.8	2092.8	2049.6	2022.9	2005.7	1997.8
47.5°	2097.5	2023.7	1943.7	1869.1	1810.2	1765.4	1740.3	1727.0
50°	1894.9	1792.9	1687.7	1594.3	1521.3	1467.9	1438.9	1423.9
52.5°	1651.7	1526.0	1395.7	1290.5	1201.8	1135.9	1098.2	1088.0
55°	1371.4	1231.7	1084.1	965.6	872.1	808.5	771.7	760.7
57.5°	1073.9	927.8	792.1	685.3	610.7	564.4	540.1	529.1
60°	807.0	675.9	569.1	489.9	438.1	406.6	388.6	383.1
62.5°	595.0	492.2	412.1	357.9	318.7	295.9	282.6	277.1
65°	434.1	359.5	300.7	261.4	234.0	215.9	206.4	201.8
67.5°	314.0	263.8	221.4	192.3	171.1	157.8	151.5	148.4
70°	232.4	193.9	162.5	140.5	125.6	115.4	110.7	109.1
72.5°	168.0	141.3	119.3	102.9	91.9	84.8	80.9	80.9
75°	119.3	102.9	85.6	73.8	65.1	60.5	58.0	58.0
77.5°	82.5	72.2	60.5	51.8	45.5	42.4	40.8	40.1
80°	52.6	47.1	40.1	34.5	30.6	28.3	27.5	26.7
82.5°	30.6	26.7	23.5	20.4	18.1	17.3	16.5	16.5
85°	14.9	13.3	11.8	11.0	9.4	9.4	8.7	8.7
87.5°	5.5	4.7	3.9	3.9	3.9	3.9	3.9	3.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)