

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: P534269

Luminaire Tested: **GALN-SA9D-730-U-SLR-GRSBK**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P534269
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-25)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SA9D-730-U-SLR-GRSBK
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 70 CRI, 3000K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS WITH BLACK GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 35309 lumens
Efficiency: N/A
Efficacy: 64.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G2

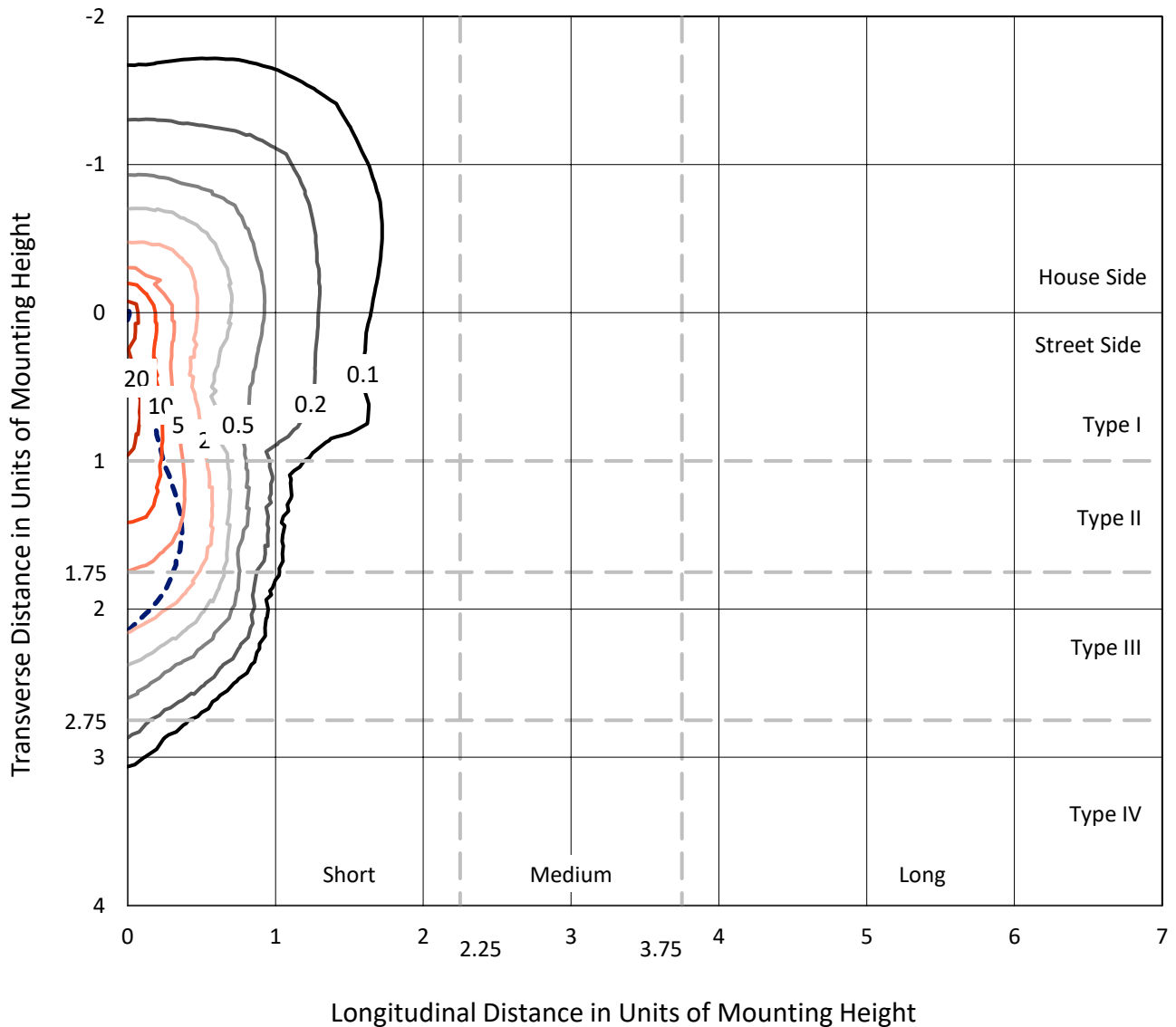
Input Watts (W): 552
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P534269
 CATALOG NUMBER: GALN-SA9D-730-U-SLR-GRSBK

Iso-Footcandle Lines of Horizontal Illumination

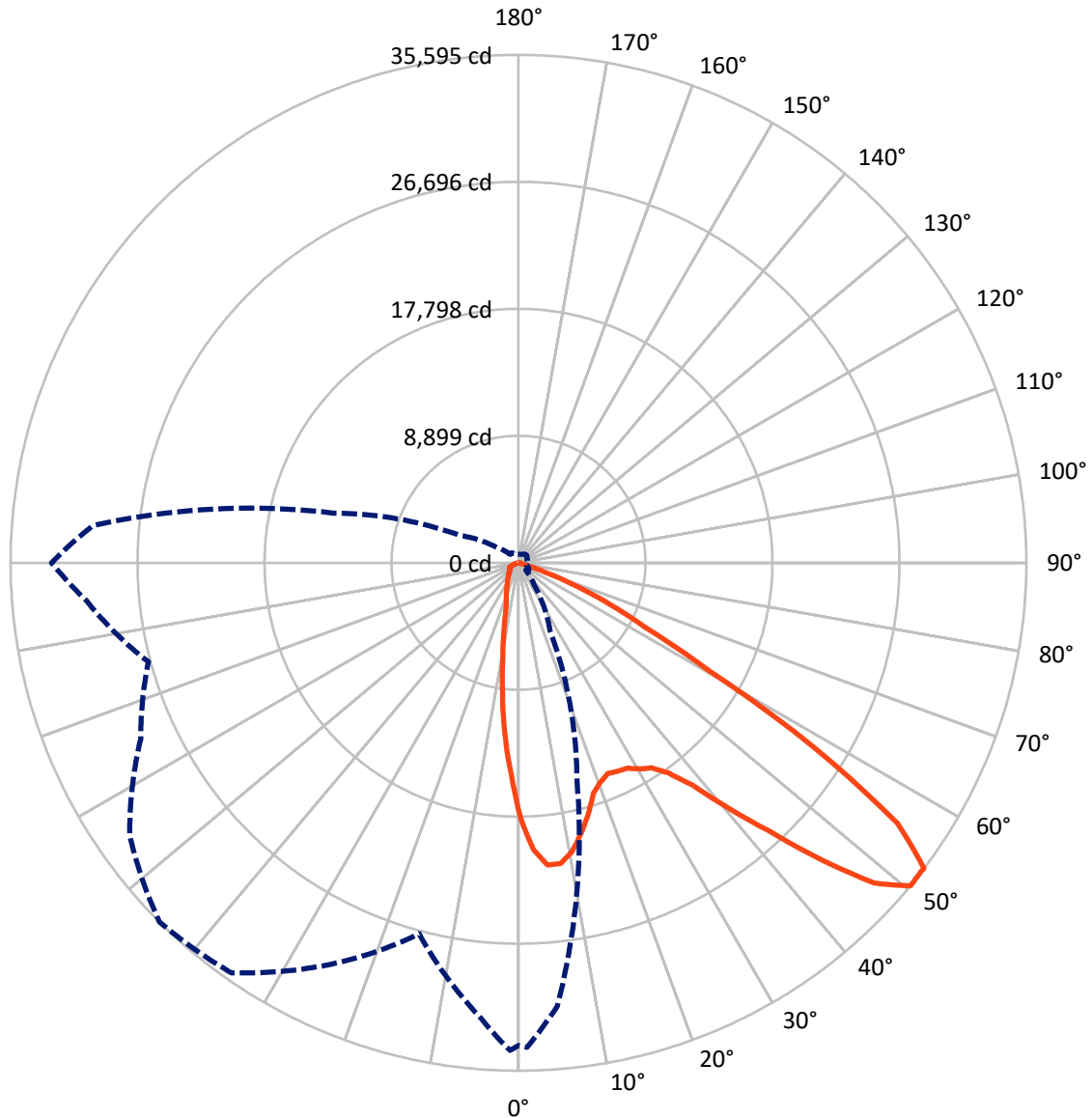
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 28.6 fc
 Type III - Short - N/A

REPORT NUMBER: P534269
CATALOG NUMBER: GALN-SA9D-730-U-SLR-GRSBK

Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 50-Deg Vertical

REPORT NUMBER: P534269
 CATALOG NUMBER: GALN-SA9D-730-U-SLR-GRSBK

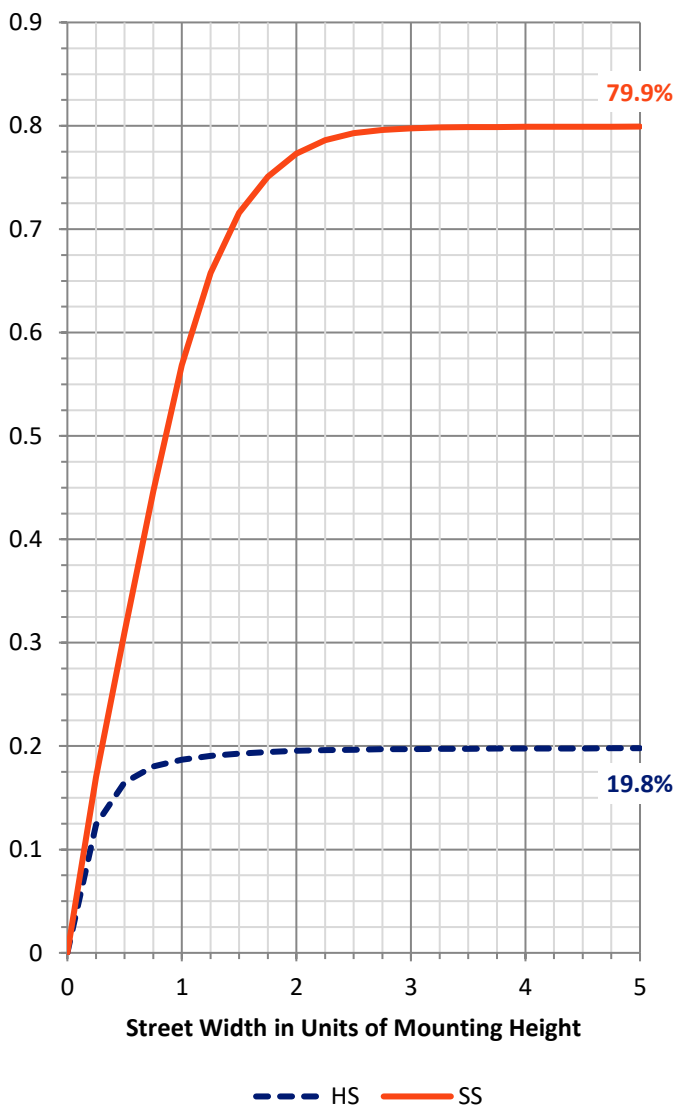
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7072.4	0.0	7072.4
	% Fixture	20.0	0.0	20.0
Street Side	Lumens	28236.6	0.0	28236.6
	% Fixture	80.0	0.0	80.0
Total	Lumens	35309.0	0.0	35309.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1305.2	3.7
10°-20°	2594.0	7.3
20°-30°	3896.9	11.0
30°-40°	5849.2	16.6
40°-50°	8220.6	23.3
50°-60°	8867.4	25.1
60°-70°	4117.1	11.7
70°-80°	387.4	1.1
80°-90°	71.4	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°	35309.0	100.0
0°-180°	35309.0	100.0

Coefficient of Utilization

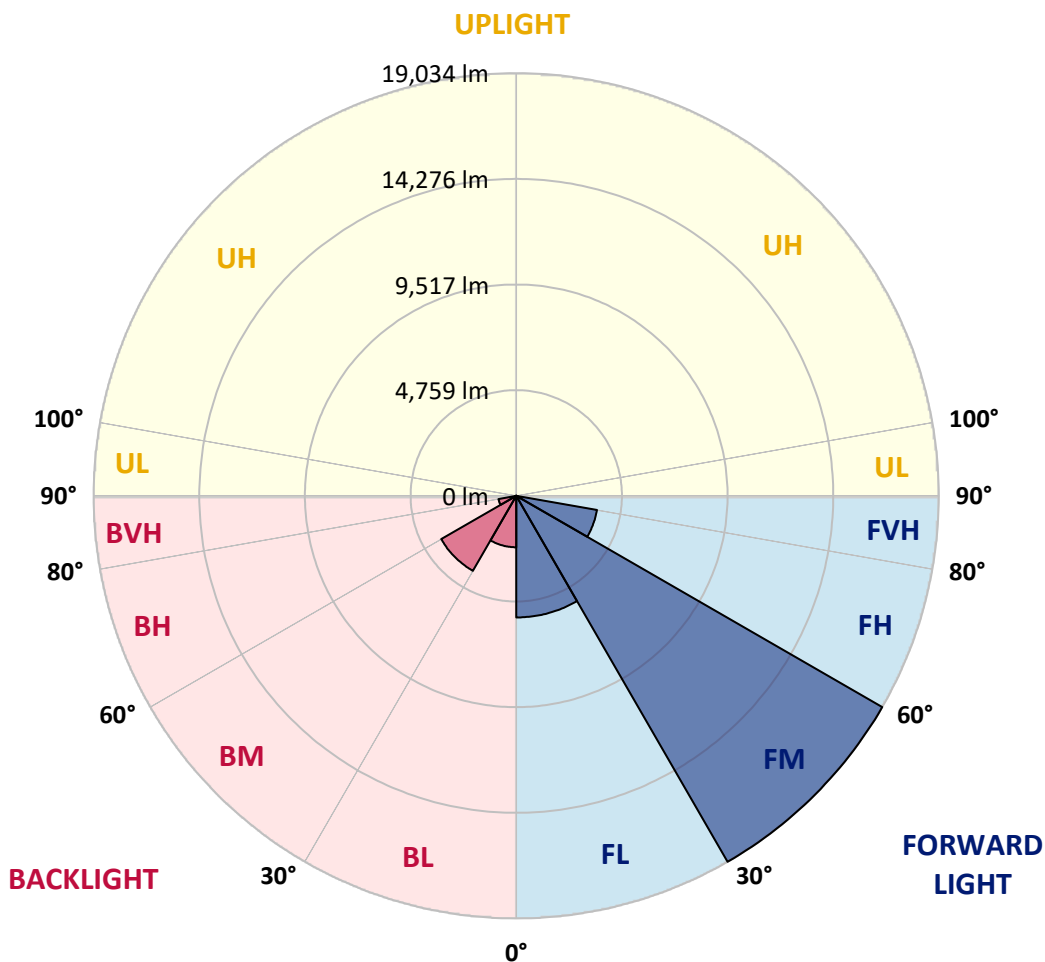


REPORT NUMBER: P534269
 CATALOG NUMBER: GALN-SA9D-730-U-SLR-GRSBK

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	5477.9	15.5			
FM	(30°-60°)	19034.2	53.9			
FH	(60°-80°)	3692.4	10.5			G2/5000
FVH	(80°-90°)	32.2	0.1			G1/100
BL	(0°-30°)	2318.1	6.6	B3/2500		
BM	(30°-60°)	3902.9	11.1	B3/5000		
BH	(60°-80°)	812.1	2.3	B2/1000		G2/1000
BVH	(80°-90°)	39.2	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2
 Type III Short





REPORT NUMBER: P534269

CATALOG NUMBER: GALN-SA9D-730-U-SLR-GRSBK

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	17906.1	17906.1	17906.1	17906.1	17906.1	17906.1	17906.1	17906.1	17906.1	17906.1	17906.1
2.5°	18613.7	18326.4	17962.2	17660.9	17212.6	16308.9	16063.7	15769.4	15524.2	15195.0	14732.6
5°	16925.3	16834.3	16666.1	15531.2	14711.6	13618.7	12722.0	12343.7	11846.3	11440.0	11145.8
7.5°	15636.3	15272.0	14739.6	13597.7	12287.7	11117.8	10123.0	9541.5	8883.0	8658.8	8259.5
10°	14256.2	14340.3	13555.7	11951.4	10368.2	9422.4	8805.9	8245.5	7650.0	7257.7	6690.3
12.5°	13814.9	13541.7	12939.2	10956.6	9604.6	8721.9	7972.3	7278.7	6648.2	6017.7	5471.3
15°	14102.1	13681.8	12841.1	10746.5	9016.1	7916.2	6977.5	6038.8	5457.3	4651.7	4084.2
17.5°	15131.9	14795.7	13667.8	10970.6	8714.9	7145.6	5751.5	4784.8	3895.1	3166.5	2879.3
20°	16848.3	16371.9	14956.8	11257.9	8266.5	6213.9	4665.7	3474.7	2634.1	2325.8	2164.7
22.5°	18529.6	18270.4	16484.0	11811.3	7867.2	5387.2	3502.8	2339.8	1968.6	1912.5	1807.4
25°	21731.1	20953.5	18816.8	12813.1	7559.0	4609.6	2641.1	1884.5	1667.3	1625.3	1639.3
27.5°	23636.6	22985.1	20974.5	13478.6	7215.7	4014.2	2234.8	1730.4	1583.2	1492.2	1457.1
30°	25465.1	24708.5	22046.4	13870.9	6480.1	3383.7	1982.6	1660.3	1625.3	1492.2	1450.1
32.5°	26873.2	26130.6	23594.6	14459.4	6178.9	2977.3	1632.3	1296.0	1204.9	1190.9	1317.0
35°	29030.9	28239.3	24918.6	14781.7	5947.7	2767.2	1415.1	1155.9	1050.8	1008.8	1015.8
37.5°	31041.5	30502.0	26144.6	14907.8	5702.5	2704.1	1268.0	1036.8	945.7	917.7	910.7
40°	32722.8	31517.8	27307.5	15040.9	5597.4	2585.0	1176.9	945.7	882.7	840.7	840.7
42.5°	33493.4	32267.4	28610.6	14963.8	5569.4	2395.9	1176.9	868.7	819.6	777.6	770.6
45°	33325.3	32827.9	29192.0	14928.8	5569.4	2206.7	1071.8	847.7	777.6	721.6	707.6
47.5°	33759.6	33108.1	29920.6	15075.9	5457.3	2073.6	903.7	889.7	735.6	665.5	651.5
50°	33836.7	33962.8	31188.6	15839.5	5212.1	1905.5	707.6	875.7	707.6	602.5	588.5
52°	34341.1	33556.4	31573.9	16245.8	4952.9	1779.4	595.5	749.6	679.5	560.4	546.4
52.5°	33647.5	34158.9	31665.0	16392.9	4980.9	1695.3	574.5	735.6	665.5	560.4	525.4
55°	32869.9	33360.3	31293.7	16708.2	4567.6	1331.0	448.4	532.4	602.5	490.4	469.4
57.5°	28568.5	29065.9	27195.4	15300.1	3719.9	938.7	371.3	399.3	532.4	455.4	434.3
60°	25395.0	25037.7	22824.0	12764.1	2641.1	525.4	294.2	308.2	581.5	420.3	413.3
62.5°	23209.3	22445.7	19076.0	9856.8	1611.3	350.3	231.2	238.2	448.4	392.3	392.3
65°	17170.5	16315.9	12673.0	5961.7	791.6	245.2	175.1	189.1	280.2	336.3	336.3
67.5°	9800.7	9471.5	6122.8	2690.1	329.3	154.1	133.1	147.1	217.2	273.2	259.2
70°	4504.6	4042.2	2353.9	567.4	154.1	105.1	105.1	119.1	175.1	203.2	189.1
72.5°	1317.0	1247.0	574.5	91.1	63.0	63.0	70.1	91.1	133.1	154.1	140.1
75°	98.1	63.0	42.0	28.0	28.0	42.0	56.0	91.1	133.1	147.1	119.1
77.5°	7.0	14.0	7.0	7.0	21.0	42.0	63.0	112.1	175.1	182.1	133.1
80°	7.0	7.0	0.0	7.0	21.0	42.0	70.1	126.1	196.2	210.2	112.1
82.5°	0.0	0.0	0.0	7.0	28.0	56.0	84.1	133.1	182.1	224.2	119.1
85°	0.0	0.0	0.0	7.0	42.0	77.1	98.1	35.0	21.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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



REPORT NUMBER: P534269

CATALOG NUMBER: GALN-SA9D-730-U-SLR-GRSBK

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	17906.1	17906.1	17906.1	17906.1	17906.1	17906.1	17906.1	17906.1	17906.1	17906.1	17906.1
2.5°	15061.9	14879.7	14809.7	14872.7	14851.7	14830.7	15216.0	15131.9	15117.9	15244.0	15216.0
5°	11306.9	10984.7	11867.4	11510.1	11881.4	12105.5	12147.6	12168.6	12427.8	12154.6	12511.9
7.5°	8056.4	8140.4	8133.4	8371.6	8798.9	9177.2	9401.4	9226.3	9212.3	9177.2	9023.1
10°	6438.1	6291.0	6262.9	6206.9	6340.0	6662.3	6935.5	6718.3	6564.2	6774.3	6711.3
12.5°	5261.1	5058.0	4945.9	4721.7	4728.7	4945.9	4945.9	4945.9	5100.0	5219.1	5310.2
15°	4035.2	3867.0	3867.0	3642.9	3593.8	3600.8	3712.9	3726.9	3972.1	4042.2	4077.2
17.5°	2823.2	2732.2	2837.2	2928.3	2872.3	2886.3	2928.3	2942.3	2977.3	2949.3	3019.4
20°	2171.7	2157.7	2185.7	2346.8	2465.9	2536.0	2487.0	2416.9	2374.9	2276.8	2276.8
22.5°	1842.5	1870.5	1919.5	2052.6	2206.7	2248.8	2192.7	2031.6	1905.5	1891.5	1898.5
25°	1639.3	1667.3	1744.4	1828.4	1912.5	1982.6	1926.5	1807.4	1737.4	1674.3	1674.3
27.5°	1513.2	1527.2	1569.2	1632.3	1702.3	1758.4	1737.4	1674.3	1597.3	1569.2	1506.2
30°	1415.1	1436.1	1485.2	1499.2	1562.2	1590.3	1555.2	1541.2	1492.2	1457.1	1436.1
32.5°	1366.1	1359.1	1394.1	1408.1	1415.1	1436.1	1394.1	1415.1	1408.1	1352.1	1331.0
35°	1029.8	1085.9	1176.9	1254.0	1275.0	1303.0	1296.0	1268.0	1190.9	1127.9	1050.8
37.5°	924.7	959.8	1008.8	1071.8	1155.9	1190.9	1176.9	1106.9	1015.8	973.8	959.8
40°	854.7	875.7	917.7	959.8	1043.8	1106.9	1057.8	994.8	924.7	889.7	868.7
42.5°	791.6	798.6	819.6	861.7	924.7	1022.8	938.7	854.7	826.7	805.6	791.6
45°	721.6	721.6	749.6	770.6	840.7	931.7	847.7	770.6	756.6	742.6	735.6
47.5°	665.5	672.5	686.5	714.6	770.6	833.7	777.6	714.6	679.5	672.5	658.5
50°	595.5	602.5	630.5	658.5	728.6	763.6	728.6	658.5	623.5	602.5	602.5
52°	539.4	560.4	588.5	644.5	693.5	749.6	707.6	630.5	588.5	567.4	553.4
52.5°	532.4	546.4	574.5	637.5	693.5	742.6	700.6	623.5	574.5	560.4	546.4
55°	476.4	497.4	546.4	623.5	686.5	742.6	686.5	616.5	546.4	511.4	497.4
57.5°	455.4	469.4	532.4	630.5	679.5	742.6	686.5	616.5	546.4	483.4	469.4
60°	434.3	462.4	532.4	609.5	672.5	749.6	693.5	609.5	532.4	455.4	455.4
62.5°	413.3	434.3	525.4	595.5	644.5	721.6	665.5	595.5	511.4	434.3	427.3
65°	357.3	392.3	462.4	497.4	553.4	623.5	567.4	518.4	448.4	385.3	378.3
67.5°	273.2	287.2	343.3	385.3	420.3	483.4	455.4	392.3	343.3	294.2	294.2
70°	189.1	203.2	245.2	266.2	301.2	336.3	315.2	266.2	231.2	203.2	196.2
72.5°	133.1	140.1	154.1	168.1	182.1	196.2	189.1	154.1	133.1	126.1	119.1
75°	105.1	119.1	126.1	119.1	112.1	105.1	105.1	91.1	77.1	70.1	70.1
77.5°	105.1	112.1	105.1	91.1	77.1	70.1	63.0	56.0	42.0	35.0	42.0
80°	91.1	91.1	91.1	77.1	70.1	63.0	56.0	49.0	42.0	35.0	35.0
82.5°	98.1	98.1	91.1	77.1	77.1	63.0	63.0	56.0	49.0	35.0	35.0
85°	0.0	0.0	0.0	14.0	35.0	63.0	63.0	56.0	49.0	42.0	42.0
87.5°	0.0	0.0	0.0	0.0	7.0	14.0	28.0	35.0	42.0	42.0	42.0
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: P534269

CATALOG NUMBER: GALN-SA9D-730-U-SLR-GRSBK

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	17906.1	17906.1	17906.1	17906.1	17906.1	17906.1	17906.1	17906.1	17906.1	17906.1	17906.1
2.5°	15468.2	15734.4	16238.8	16743.2	17051.4	17415.7	18074.2	18424.5	18879.9	19104.1	19545.4
5°	12462.8	13093.3	13317.5	13891.9	14508.4	15124.9	16105.7	17184.5	18081.3	18697.7	19496.4
7.5°	9093.2	9240.3	10109.0	10494.3	11503.1	12624.0	13962.0	15321.1	16456.0	17464.8	18074.2
10°	6816.4	7355.8	7902.2	8637.8	9450.4	10606.4	11888.4	13387.6	14858.7	15867.5	16638.1
12.5°	5478.3	5905.7	6634.2	7425.9	8427.6	9191.2	10480.3	11965.4	13870.9	14858.7	15874.5
15°	4147.3	4693.7	5520.4	6340.0	7397.8	8203.5	9506.5	11377.0	13828.9	15188.0	16063.7
17.5°	3075.4	3446.7	4189.3	5107.0	6185.9	7320.8	9079.2	11313.9	14298.3	15916.5	16820.3
20°	2353.9	2480.0	2949.3	3769.0	4938.9	6424.1	8385.6	11587.1	15685.4	17688.9	18606.7
22.5°	1905.5	1961.5	2143.7	2711.1	3846.0	5639.4	8056.4	11776.3	17247.6	19811.6	21037.6
25°	1660.3	1646.3	1765.4	2010.6	3005.4	4903.9	7636.0	12490.8	19160.1	22305.6	23405.4
27.5°	1513.2	1513.2	1569.2	1744.4	2494.0	4427.5	7369.8	13002.2	21086.6	24498.3	25093.8
30°	1436.1	1450.1	1611.3	1667.3	2073.6	3860.0	6928.5	13520.7	22929.1	25899.4	26719.1
32.5°	1331.0	1275.0	1240.0	1380.1	1744.4	3348.6	6487.1	13737.8	24421.2	27615.8	28316.3
35°	1022.8	994.8	1036.8	1141.9	1499.2	2914.3	5996.7	13983.0	26137.6	29605.3	29745.4
37.5°	924.7	917.7	945.7	1036.8	1261.0	2536.0	5646.5	13920.0	27447.6	31251.6	30873.3
40°	854.7	854.7	875.7	952.8	1127.9	2269.8	5282.2	13863.9	28715.6	33101.1	31994.2
42.5°	798.6	798.6	833.7	882.7	1071.8	2094.7	5008.9	13786.9	29780.5	34236.0	32652.7
45°	721.6	742.6	798.6	847.7	1085.9	1975.6	4805.8	13492.6	30144.8	34222.0	32337.5
47.5°	665.5	693.5	749.6	819.6	980.8	1940.5	4665.7	13233.4	30018.7	33381.3	31349.7
50°	602.5	637.5	714.6	833.7	833.7	1870.5	4518.6	13464.6	29927.6	32729.8	30404.0
52°	560.4	588.5	686.5	812.6	728.6	1723.4	4427.5	13913.0	30298.9	32645.7	29983.6
52.5°	553.4	574.5	665.5	798.6	693.5	1695.3	4364.4	14018.0	30418.0	32435.6	30270.9
55°	490.4	518.4	609.5	623.5	567.4	1394.1	4161.3	14256.2	29829.5	32022.2	29997.6
57.5°	462.4	476.4	539.4	511.4	490.4	1050.8	3579.8	13884.9	26494.9	28442.4	27910.0
60°	427.3	441.3	504.4	399.3	413.3	735.6	2690.1	12056.5	21275.8	23699.7	24659.4
62.5°	413.3	406.3	476.4	322.3	350.3	532.4	1898.5	9800.7	16392.9	19510.4	21170.7
65°	364.3	357.3	343.3	273.2	301.2	413.3	1134.9	6396.0	11552.1	14760.6	15671.4
67.5°	280.2	294.2	252.2	217.2	252.2	322.3	630.5	2865.3	6059.8	8855.0	9590.6
70°	196.2	210.2	203.2	189.1	224.2	266.2	364.3	980.8	2508.0	4651.7	5128.0
72.5°	119.1	147.1	154.1	161.1	196.2	231.2	259.2	315.2	665.5	1646.3	2045.6
75°	70.1	98.1	119.1	140.1	161.1	196.2	217.2	224.2	231.2	308.2	497.4
77.5°	49.0	70.1	105.1	133.1	161.1	196.2	231.2	245.2	231.2	217.2	231.2
80°	42.0	70.1	98.1	126.1	168.1	203.2	231.2	231.2	224.2	196.2	210.2
82.5°	42.0	70.1	105.1	133.1	161.1	196.2	224.2	231.2	210.2	196.2	203.2
85°	49.0	77.1	112.1	140.1	175.1	161.1	147.1	119.1	112.1	91.1	98.1
87.5°	49.0	70.1	70.1	77.1	84.1	84.1	84.1	77.1	63.0	56.0	56.0
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: P534269

CATALOG NUMBER: GALN-SA9D-730-U-SLR-GRSBK

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	17906.1	17906.1	17906.1	17906.1	17906.1	17906.1	17906.1	17906.1	17906.1	17906.1
2.5°	19566.4	20126.9	20105.8	20119.9	20035.8	19468.3	19195.1	18501.6	18697.7	18613.7
5°	20316.0	20869.4	21345.8	21289.8	20645.3	19874.7	18732.8	17653.9	17359.7	16925.3
7.5°	19566.4	20897.5	21338.8	21275.8	20323.0	19335.2	17513.8	16435.0	15923.6	15636.3
10°	18375.5	19916.7	20463.1	20575.2	19930.7	18431.5	16757.2	15026.8	14753.6	14256.2
12.5°	17695.9	18816.8	19153.1	19454.3	19230.2	18109.3	16182.8	14522.4	14144.1	13814.9
15°	17142.5	17808.0	17948.1	18291.4	18424.5	17822.0	16484.0	15068.9	14137.1	14102.1
17.5°	17653.9	17380.7	16869.3	16974.4	17394.7	17829.1	17261.6	16147.7	15244.0	15131.9
20°	18501.6	17296.6	16140.7	16399.9	16750.2	18081.3	18438.5	17653.9	17135.5	16848.3
22.5°	19475.4	17443.7	15909.5	16035.6	16701.2	18648.7	20344.0	19909.7	18942.9	18529.6
25°	21275.8	17850.1	16091.7	16175.7	17086.5	19440.3	22067.4	22389.6	21815.2	21731.1
27.5°	23034.2	18900.9	16491.0	16301.8	17282.6	20210.9	23111.2	24841.6	23832.8	23636.6
30°	23930.9	19755.6	17086.5	16764.2	18095.3	20680.3	23741.7	26438.8	25556.1	25465.1
32.5°	25303.9	20533.2	17548.8	17135.5	18550.6	21261.8	24918.6	28183.2	27328.5	26873.2
35°	25878.4	21380.9	18564.6	18081.3	19853.6	22074.4	25521.1	29738.4	29472.2	29030.9
37.5°	26985.3	22291.6	19762.6	19734.6	21429.9	23132.2	26607.0	31854.1	31805.1	31041.5
40°	27076.3	23286.4	21654.1	22536.8	23867.8	24974.7	27559.7	32442.6	33241.2	32722.8
42.5°	27216.5	25030.7	24925.6	25654.2	26796.1	26557.9	27594.8	32582.7	33801.6	33493.4
45°	27279.5	26775.1	28253.3	29598.3	30074.7	28631.6	27265.5	32316.5	34095.9	33325.3
47.5°	26775.1	28274.3	30943.4	33542.4	33682.5	29906.6	27125.4	32043.3	34271.0	33759.6
50°	26845.2	29213.0	33269.2	35595.1	35083.7	31034.5	26908.2	31875.1	34179.9	33836.7
52°	26677.0	29234.0	33598.5	35553.0	35195.7	30411.0	26536.9	31230.6	34095.9	34341.1
52.5°	26866.2	29107.9	33255.2	35581.0	35118.7	30719.2	26487.9	31587.9	34144.9	33647.5
55°	26214.7	27608.8	31244.6	32232.4	32162.4	27882.0	24981.7	30404.0	32862.9	32869.9
57.5°	23692.7	23930.9	24505.3	24484.3	24162.0	21920.3	21366.8	27959.0	29297.1	28568.5
60°	20876.5	17520.8	15972.6	15342.1	14984.8	14620.5	18900.9	25577.2	25703.3	25395.0
62.5°	18039.2	12147.6	10088.0	9912.8	9996.9	11327.9	18270.4	24631.4	23874.8	23209.3
65°	14557.5	8855.0	7327.8	7096.6	7916.2	9352.4	14788.7	18886.9	17724.0	17170.5
67.5°	9142.2	6459.1	4952.9	4518.6	5506.3	6438.1	9716.7	11867.4	10564.3	9800.7
70°	5422.3	3607.8	2241.8	2010.6	2262.8	3432.7	5443.3	5919.7	4896.9	4504.6
72.5°	2136.7	1324.0	623.5	532.4	553.4	1204.9	2003.6	1954.5	1478.2	1317.0
75°	574.5	399.3	217.2	175.1	147.1	224.2	322.3	210.2	77.1	98.1
77.5°	266.2	238.2	189.1	147.1	112.1	84.1	42.0	14.0	14.0	7.0
80°	231.2	203.2	175.1	147.1	112.1	70.1	35.0	7.0	7.0	7.0
82.5°	217.2	189.1	161.1	133.1	105.1	70.1	35.0	7.0	0.0	0.0
85°	91.1	119.1	133.1	126.1	112.1	70.1	35.0	7.0	0.0	0.0
87.5°	49.0	42.0	35.0	28.0	21.0	14.0	14.0	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

(END OF REPORT)