

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: P457424

Luminaire Tested: **GALN-SA8D-730-U-SLL**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P457424
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/4/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8D-730-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 70 CRI, 3000K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 49038 lumens
Efficiency: N/A
Efficacy: 99.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G5

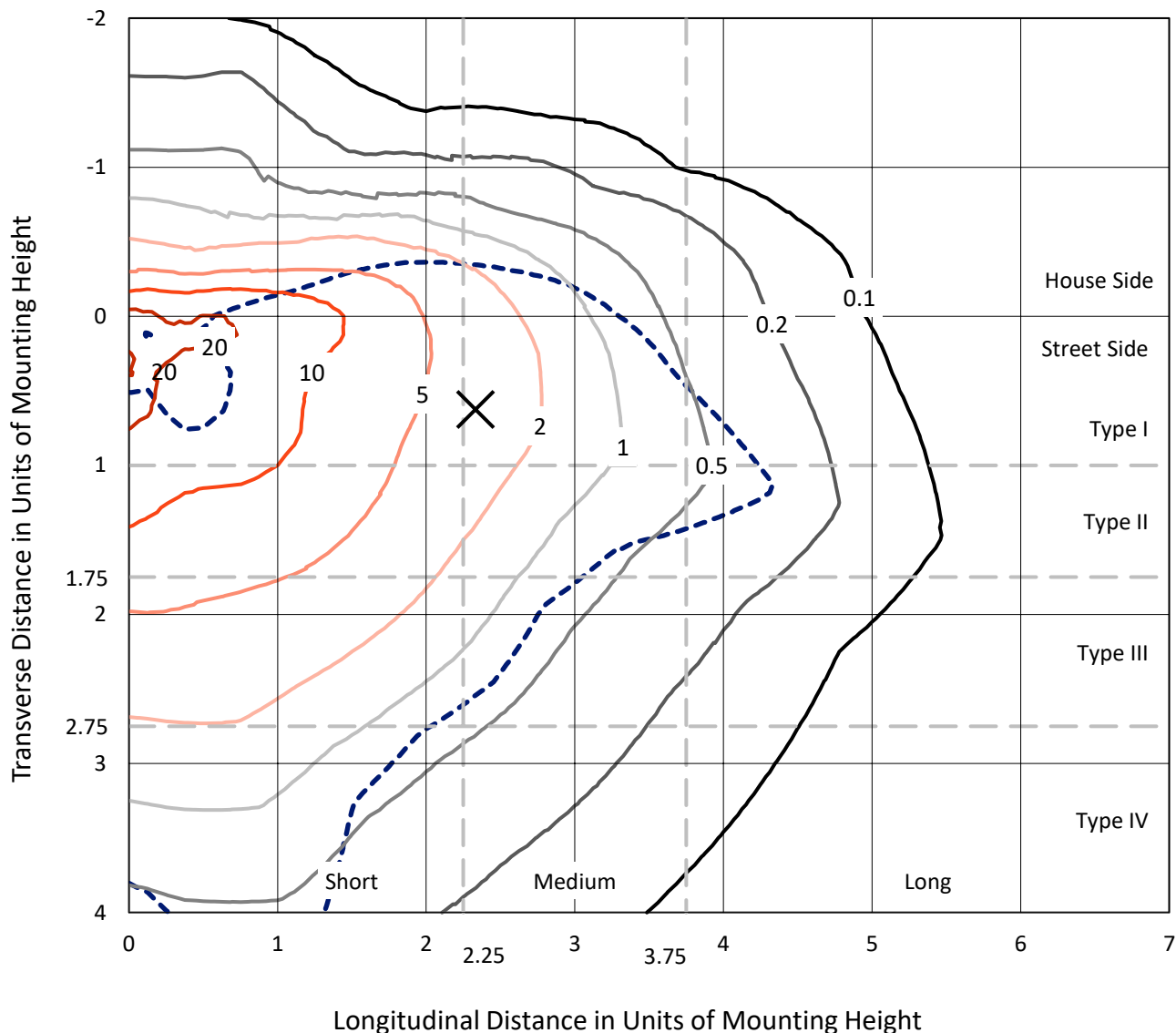
Input Watts (W): 493
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P457424
 CATALOG NUMBER: GALN-SA8D-730-U-SLL

Iso-Footcandle Lines of Horizontal Illumination

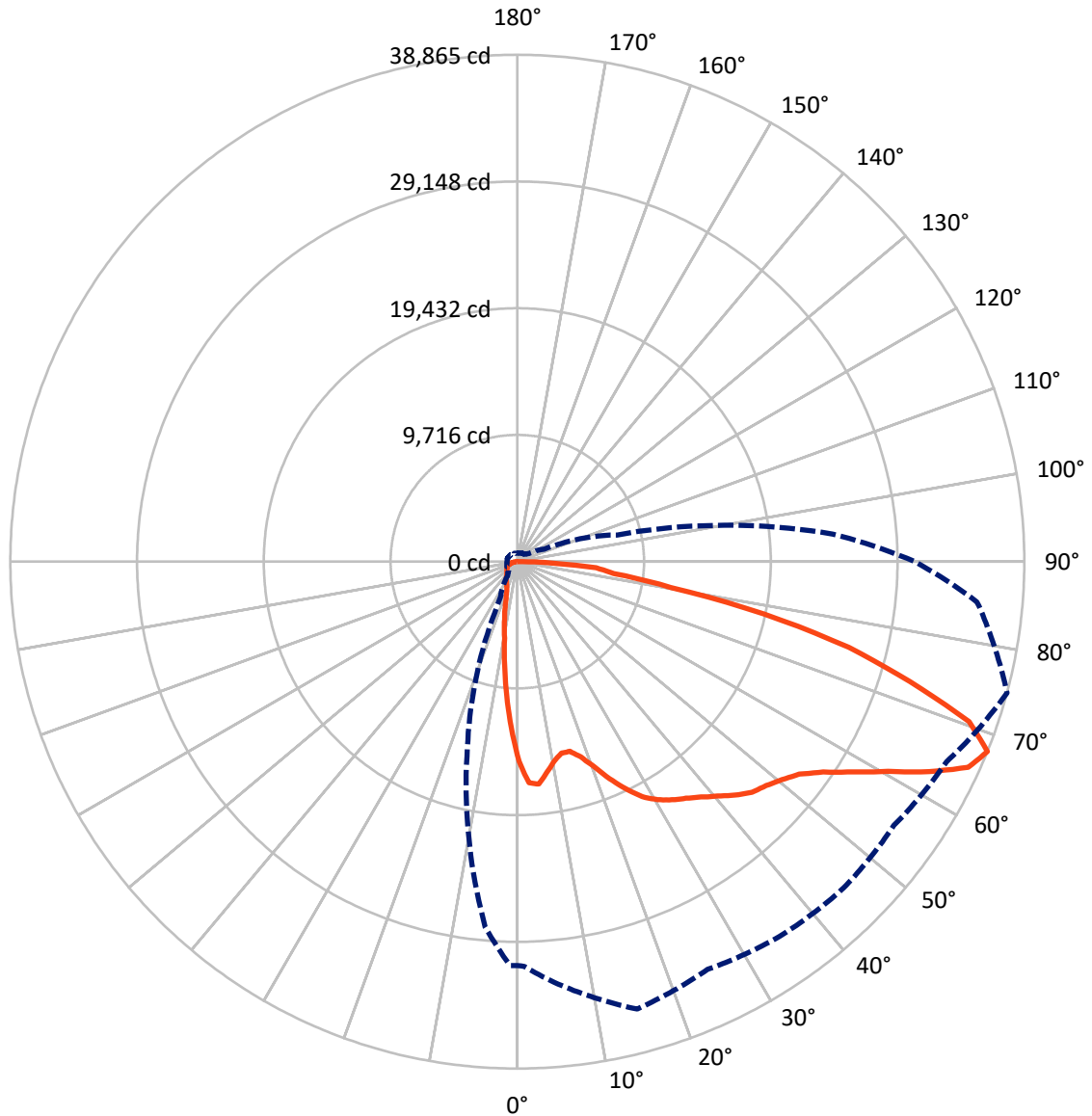
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 30.2 fc
 Type III - Medium - N/A

REPORT NUMBER: P457424
CATALOG NUMBER: GALN-SA8D-730-U-SLL

Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

REPORT NUMBER: P457424

CATALOG NUMBER: GALN-SA8D-730-U-SLL

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8288.5	0.0	8288.5
	% Fixture	16.9	0.0	16.9
Street Side	Lumens	40749.5	0.0	40749.5
	% Fixture	83.1	0.0	83.1
Total	Lumens	49038.0	0.0	49038.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1162.0	2.4
10°-20°	2423.4	4.9
20°-30°	3487.4	7.1
30°-40°	5022.8	10.2
40°-50°	7055.6	14.4
50°-60°	9840.1	20.1
60°-70°	11699.3	23.9
70°-80°	6890.2	14.1
80°-90°	1457.0	3.0
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°	49038.0	100.0
0°-180°	49038.0	100.0

Coefficient of Utilization



REPORT NUMBER: P457424

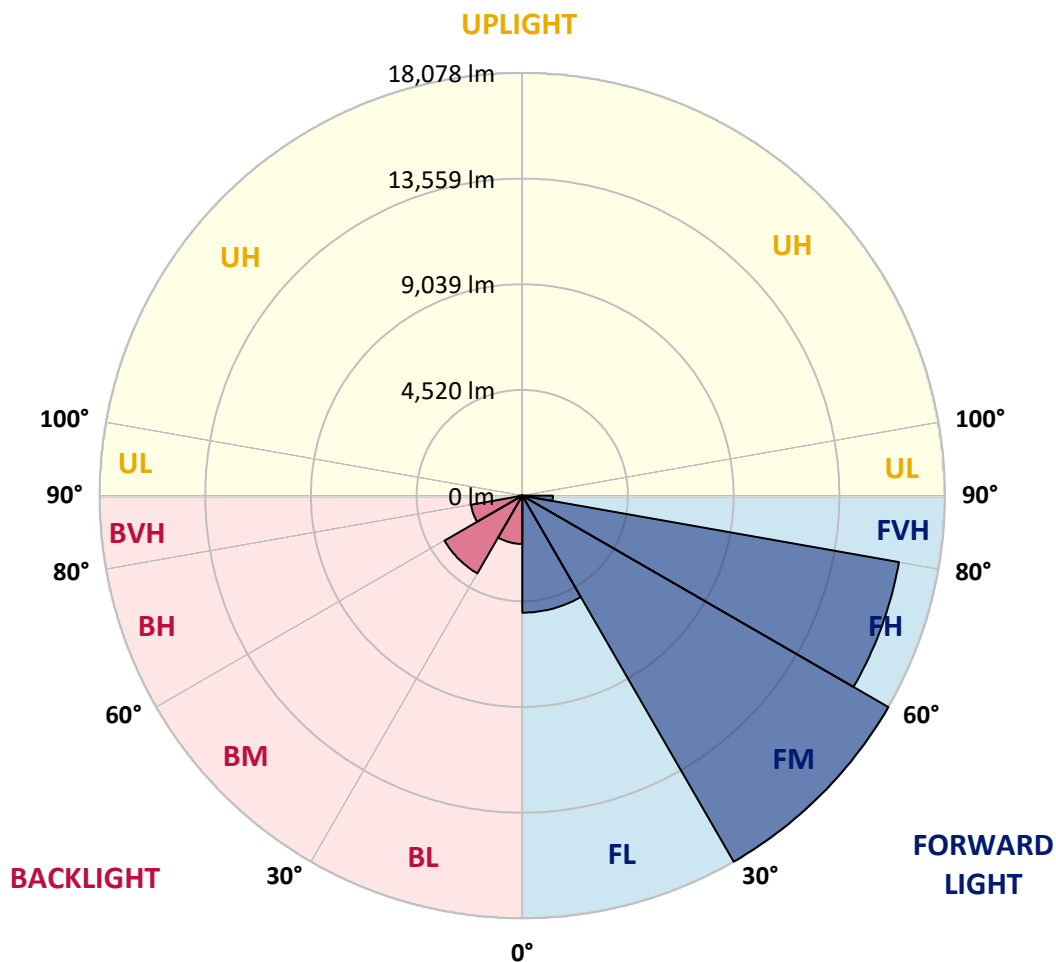
CATALOG NUMBER: GALN-SA8D-730-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	5005.4	10.2			
FM	(30°-60°)	18078.5	36.9			
FH	(60°-80°)	16359.3	33.4			G5
FVH	(80°-90°)	1306.3	2.7			G5
BL	(0°-30°)	2067.4	4.2	B3/2500		
BM	(30°-60°)	3840.1	7.8	B3/5000		
BH	(60°-80°)	2230.3	4.5	B3/2500		G3/2500
BVH	(80°-90°)	150.7	0.3			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5

Type III Medium





REPORT NUMBER: P457424

CATALOG NUMBER: GALN-SA8D-730-U-SLL

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	15320.6	15320.6	15320.6	15320.6	15320.6	15320.6	15320.6	15320.6	15320.6	15320.6	15320.6
2.5°	16518.7	16540.7	16682.3	17094.2	17377.2	17481.0	17553.3	17418.1	17286.0	16965.3	16481.0
5°	16468.4	16597.4	16965.3	17889.8	18619.3	18933.8	19028.1	18622.5	17952.7	17128.8	16138.2
7.5°	15506.2	15679.1	16245.2	17795.5	19081.6	19817.5	19720.0	18987.3	17779.7	16311.2	14927.6
10°	14364.7	14556.5	15238.9	17113.1	18770.3	19782.9	19782.9	18889.8	17286.0	15540.8	13946.4
12.5°	13459.0	13660.3	14440.1	16411.8	18122.5	19081.6	19242.0	18474.7	16930.7	15053.3	13301.8
15°	13160.3	13355.2	14194.9	15987.3	17437.0	18021.9	18075.3	17823.8	16757.7	15087.9	13273.5
17.5°	13531.3	13782.9	14632.0	16113.1	16808.0	16842.6	16883.5	17081.6	16776.6	15720.0	13845.8
20°	14603.7	14874.1	15760.9	16518.7	16257.7	15899.2	15921.3	16430.7	16999.9	16764.0	15213.7
22.5°	16150.8	16386.7	17295.5	17232.6	16025.0	15286.0	15132.0	15842.6	17330.0	18065.9	16669.7
25°	17820.6	18097.3	19141.4	18292.3	16091.1	14921.3	14823.8	15496.7	17672.8	19282.9	18352.1
27.5°	19732.5	20003.0	20826.9	19361.5	16437.0	14893.0	14776.6	15465.3	17981.0	20408.6	19959.0
30°	21153.9	21402.3	21962.1	20260.8	16861.5	15081.6	14937.0	15713.7	18245.1	21179.1	21525.0
32.5°	22270.3	22528.1	22833.1	20820.6	17421.2	15424.4	15157.1	16166.5	18591.0	21767.1	22685.4
35°	23433.8	23738.8	23716.8	21317.4	17943.3	15820.6	15559.6	16820.6	19135.1	22279.7	24157.0
37.5°	24908.6	25031.2	24874.0	21764.0	18569.0	16534.5	16389.8	17792.3	19908.6	22899.2	25877.2
40°	26405.4	26650.7	25842.6	22304.9	19330.0	17877.2	17861.5	19229.4	20826.9	23625.6	27543.8
42.5°	27688.5	27896.0	26748.2	22776.5	20251.4	19515.6	19635.1	21157.1	22031.3	24468.4	28883.4
45°	28653.9	28839.4	27584.7	23232.5	21465.2	21408.6	22113.0	23223.1	23550.1	25226.2	29669.6
47.5°	29474.6	29653.8	28166.4	23924.3	22965.2	23669.6	24896.0	25377.2	24848.9	25660.2	30550.1
50°	30166.4	30219.9	28565.8	24748.2	24826.8	26440.0	27628.7	27940.0	26131.9	26282.8	31314.2
52.5°	30886.5	30817.4	29254.5	25786.0	26839.4	29068.9	29933.7	30257.6	27361.4	27050.1	32427.4
55°	32499.7	32565.8	30798.5	27094.1	28874.0	31650.7	32789.0	32477.7	28723.0	28462.0	33842.5
57.5°	34449.4	34392.8	32971.4	29141.3	30946.3	34053.2	34902.2	34402.2	30540.6	30402.3	35276.4
60°	35207.3	35282.7	34789.0	31342.5	32990.3	36156.9	37024.9	36248.1	32719.9	32657.0	36358.2
62.5°	34446.3	34870.8	35204.1	33301.6	34732.4	37704.1	38565.7	37678.9	34993.4	35449.4	37116.1
65°	32930.6	33021.7	34157.0	34962.0	35572.0	37958.8	38408.5	37936.8	36892.8	37993.4	37081.5
67.5°	30962.0	31040.6	32370.8	35506.0	34490.3	35065.8	35380.2	35241.9	36304.7	38864.5	35373.9
70°	29087.8	29024.9	30430.6	34119.2	30024.9	29150.7	29411.7	28977.8	31326.8	36735.6	32024.9
72.5°	25440.0	25666.5	27175.9	30263.9	23773.4	22352.0	22921.2	21798.6	24094.1	31462.0	25993.5
75°	19927.5	19981.0	22499.8	25399.2	17933.8	15691.7	16462.1	15993.6	18455.8	26245.1	17949.5
77.5°	13798.6	13679.1	16386.7	19399.2	12789.2	11487.3	11499.9	11276.6	12886.7	19323.7	12194.9
80°	8764.1	8581.7	10257.8	11984.2	8789.2	9402.4	9094.3	9084.8	8389.9	11921.3	7374.2
82.5°	4735.8	4937.1	6481.1	7512.5	6305.0	7267.2	6660.3	6465.4	5757.8	7462.2	4716.9
85°	2157.2	2345.9	3455.9	5110.0	4789.3	4842.7	3235.8	3817.6	4764.1	6059.7	2518.8
87.5°	210.7	270.4	713.8	2411.9	1635.2	1289.3	481.1	927.7	1198.1	2154.1	201.3
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: P457424

CATALOG NUMBER: GALN-SA8D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	15320.6	15320.6	15320.6	15320.6	15320.6	15320.6	15320.6	15320.6	15320.6	15320.6	15320.6
2.5°	16282.9	16119.4	15562.8	15103.7	14616.2	14245.2	13760.9	13437.0	13213.7	12877.3	12836.4
5°	15534.5	15135.1	14166.6	13179.1	12326.9	11685.4	11034.5	10437.0	10084.8	9974.8	9833.3
7.5°	14273.5	13600.5	12355.2	11223.2	10245.2	9289.2	8553.4	8031.4	7682.3	7477.9	7232.6
10°	13235.7	12455.9	10940.2	9553.4	8748.4	8154.0	7506.2	6946.5	6515.7	6147.7	5946.5
12.5°	12537.6	11657.1	9952.8	8827.0	8204.3	7572.3	6814.4	6185.5	5550.3	5132.0	4952.8
15°	12326.9	11396.1	9647.7	8465.3	7572.3	6745.2	5896.2	5075.4	4446.5	4050.3	3918.2
17.5°	12842.7	11716.9	9644.6	7984.2	6830.1	5842.7	4754.7	3984.2	3339.6	3044.0	2949.7
20°	13804.9	12333.2	9672.9	7509.4	6025.1	4635.2	3459.1	2827.0	2518.8	2393.1	2345.9
22.5°	15147.7	13273.5	9757.8	7040.8	5144.6	3559.7	2591.2	2270.4	2160.4	2138.3	2128.9
25°	16801.8	14437.0	10043.9	6619.4	4402.5	2717.0	2166.6	2022.0	1959.1	1937.1	1933.9
27.5°	18323.8	15940.1	10389.9	6257.8	3685.5	2342.7	1959.1	1836.5	1773.6	1770.4	1776.7
30°	19698.0	17198.0	10679.2	5852.2	3141.5	2081.7	1823.9	1701.2	1641.5	1638.4	1657.2
32.5°	20886.6	18232.6	10893.0	5452.8	2839.6	1921.4	1701.2	1569.2	1518.9	1509.4	1518.9
35°	22157.1	19264.0	10795.5	5141.5	2666.6	1789.3	1610.0	1481.1	1421.4	1393.1	1393.1
37.5°	23606.7	20326.9	10628.8	4883.6	2588.0	1679.2	1531.4	1405.6	1345.9	1317.6	1314.5
40°	25188.5	21389.8	10399.3	4654.1	2509.4	1613.2	1478.0	1345.9	1273.6	1245.3	1239.0
42.5°	26584.7	22298.6	10210.6	4503.1	2380.5	1625.8	1430.8	1301.9	1210.7	1172.9	1169.8
45°	27798.5	23213.7	10176.0	4415.1	2273.6	1606.9	1418.2	1267.3	1160.4	1119.5	1113.2
47.5°	28748.2	24166.5	10374.1	4364.7	2157.2	1506.3	1500.0	1245.3	1116.3	1072.3	1066.0
50°	29905.4	25518.7	10827.0	4261.0	2050.3	1411.9	1584.9	1242.1	1081.8	1025.1	1009.4
52.5°	31446.3	27279.7	11440.2	4075.4	1896.2	1323.9	1512.6	1242.1	1040.9	984.3	965.4
55°	33776.5	29524.9	12040.8	3814.4	1679.2	1207.5	1364.8	1204.4	981.1	930.8	918.2
57.5°	35320.5	31166.4	12424.4	3452.8	1408.8	1122.6	1176.1	1144.6	921.4	867.9	867.9
60°	35399.1	31606.7	12242.0	2996.8	1239.0	1044.0	1022.0	1154.1	867.9	811.3	805.0
62.5°	34493.4	30528.1	11292.4	2588.0	1147.8	959.1	924.5	1012.6	814.5	757.9	748.4
65°	33078.4	27776.5	9644.6	2393.1	1097.5	883.6	833.3	830.2	757.9	704.4	691.8
67.5°	30477.7	24273.4	7924.5	2279.9	1072.3	798.7	751.6	735.8	691.8	647.8	641.5
70°	26644.4	20330.0	6355.3	2232.7	1059.7	710.7	673.0	654.1	616.3	581.8	578.6
72.5°	20729.4	16490.4	5245.2	2201.2	1053.5	628.9	588.0	562.9	540.9	509.4	509.4
75°	14889.8	12132.0	4003.1	1984.3	974.8	540.9	496.9	481.1	449.7	424.5	430.8
77.5°	9386.7	8169.7	2635.2	1459.1	754.7	434.0	396.2	386.8	361.6	327.0	349.1
80°	6339.6	5745.2	1537.7	918.2	474.8	317.6	305.0	301.9	273.6	235.8	239.0
82.5°	4314.4	4232.7	798.7	522.0	273.6	185.5	179.2	185.5	154.1	125.8	125.8
85°	1685.5	2301.9	377.4	204.4	88.0	28.3	40.9	44.0	25.2	12.6	15.7
87.5°	31.4	235.8	9.4	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: P457424
 CATALOG NUMBER: GALN-SA8D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	15320.6	15320.6	15320.6	15320.6	15320.6	15320.6	15320.6	15320.6	15320.6	15320.6	15320.6
2.5°	12773.5	12745.2	12792.4	12591.1	12632.0	12707.4	12745.2	12767.2	13078.5	13006.2	13204.3
5°	9965.3	9937.0	10119.4	10144.6	10238.9	10220.0	10311.2	10333.3	10446.5	10487.3	10764.1
7.5°	7248.4	7371.0	7578.6	7685.5	7845.8	7896.2	7849.0	7965.3	7729.5	7899.3	7949.6
10°	5823.9	5676.1	5588.0	5833.3	5864.7	6097.4	6003.1	5927.6	6066.0	6072.3	6204.4
12.5°	4849.0	4531.4	4320.7	4389.9	4465.4	4566.0	4581.7	4732.7	4833.3	4927.6	5006.2
15°	3801.9	3691.8	3500.0	3405.6	3512.6	3553.4	3650.9	3776.7	3883.6	3911.9	4018.8
17.5°	2918.2	2937.1	2905.6	2849.0	2915.1	2946.5	2952.8	2956.0	2984.3	2965.4	3122.6
20°	2349.0	2415.1	2493.7	2506.3	2528.3	2544.0	2515.7	2408.8	2411.9	2478.0	2528.3
22.5°	2125.8	2138.3	2226.4	2254.7	2323.9	2295.6	2213.8	2163.5	2157.2	2172.9	2198.1
25°	1949.7	1968.5	2031.4	2075.5	2128.9	2078.6	2018.9	1971.7	1965.4	1981.1	2006.3
27.5°	1792.4	1820.7	1877.3	1921.4	1971.7	1924.5	1867.9	1827.0	1823.9	1820.7	1836.5
30°	1666.7	1698.1	1739.0	1789.3	1823.9	1783.0	1729.5	1707.5	1704.4	1698.1	1704.4
32.5°	1540.9	1591.2	1632.1	1657.2	1691.8	1660.4	1619.5	1606.9	1584.9	1566.0	1556.6
35°	1399.4	1452.8	1515.7	1547.2	1581.7	1550.3	1522.0	1468.5	1430.8	1427.7	1434.0
37.5°	1317.6	1339.6	1389.9	1443.4	1478.0	1462.3	1408.8	1355.3	1345.9	1345.9	1352.2
40°	1245.3	1254.7	1276.7	1345.9	1408.8	1361.6	1295.6	1279.9	1279.9	1276.7	1279.9
42.5°	1172.9	1182.4	1182.4	1235.8	1336.5	1261.0	1210.7	1210.7	1210.7	1213.8	1223.3
45°	1106.9	1110.1	1106.9	1144.6	1239.0	1176.1	1141.5	1150.9	1157.2	1163.5	1169.8
47.5°	1050.3	1053.5	1050.3	1081.8	1128.9	1103.8	1084.9	1097.5	1110.1	1119.5	1125.8
50°	1000.0	996.8	1003.1	1022.0	1044.0	1050.3	1037.7	1056.6	1062.9	1075.5	1091.2
52.5°	956.0	952.8	959.1	968.5	1000.0	1000.0	1000.0	1015.7	1028.3	1040.9	1062.9
55°	905.7	908.8	918.2	930.8	971.7	965.4	968.5	981.1	993.7	1012.6	1025.1
57.5°	858.5	864.8	877.4	896.2	937.1	934.0	937.1	943.4	959.1	968.5	981.1
60°	805.0	817.6	833.3	845.9	886.8	883.6	899.4	911.9	921.4	921.4	927.7
62.5°	751.6	770.4	786.2	795.6	839.6	842.8	864.8	874.2	880.5	874.2	883.6
65°	698.1	726.4	732.7	745.3	789.3	792.4	817.6	839.6	833.3	827.0	842.8
67.5°	644.6	679.2	676.1	691.8	735.8	742.1	764.1	801.9	789.3	783.0	795.6
70°	584.9	610.1	613.2	622.6	682.4	673.0	707.5	742.1	732.7	735.8	735.8
72.5°	518.9	540.9	540.9	559.7	622.6	606.9	635.2	673.0	673.0	669.8	669.8
75°	440.2	452.8	465.4	493.7	559.7	540.9	559.7	594.3	600.6	594.3	594.3
77.5°	355.3	374.2	380.5	418.2	465.4	462.3	481.1	496.9	509.4	503.1	503.1
80°	251.6	270.4	295.6	336.5	364.8	374.2	383.6	396.2	402.5	402.5	408.8
82.5°	141.5	169.8	191.8	232.7	245.3	292.5	289.3	298.7	289.3	254.7	283.0
85°	31.4	59.7	84.9	106.9	122.6	169.8	179.2	201.3	166.7	154.1	154.1
87.5°	0.0	0.0	0.0	0.0	0.0	25.2	50.3	69.2	59.7	50.3	50.3
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: P457424

CATALOG NUMBER: GALN-SA8D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	15320.6	15320.6	15320.6	15320.6	15320.6	15320.6	15320.6	15320.6	15320.6	15320.6
2.5°	13371.0	13644.5	13974.7	14543.9	14943.3	15374.1	15808.0	16270.3	16393.0	16518.7
5°	10839.5	11377.3	11669.7	12433.9	13235.7	14254.6	15087.9	15999.9	16380.4	16468.4
7.5°	8210.6	8575.4	9342.7	10116.3	11110.0	12179.1	13455.9	14877.2	15320.6	15506.2
10°	6509.4	7006.2	7679.2	8509.4	9380.4	10531.4	11971.6	13632.0	14260.9	14364.7
12.5°	5540.8	6094.3	6827.0	7704.3	8528.2	9396.2	10849.0	12562.8	13235.7	13459.0
15°	4430.8	5100.6	5946.5	6871.0	7767.2	8716.9	10188.6	12122.5	12899.3	13160.3
17.5°	3481.1	4022.0	4937.1	5940.2	7003.1	8204.3	10050.2	12333.2	13289.2	13531.3
20°	2663.5	3050.3	3820.7	4880.5	6125.7	7698.1	10084.8	13128.8	14273.5	14603.7
22.5°	2301.9	2500.0	2968.5	3978.0	5371.0	7257.8	10226.3	14220.0	15600.5	16150.8
25°	2084.9	2188.7	2452.8	3113.2	4650.9	6830.1	10550.2	15688.6	17455.8	17820.6
27.5°	1899.4	1974.8	2138.3	2613.2	3996.8	6433.9	10927.6	17317.5	19188.5	19732.5
30°	1723.3	1823.9	1978.0	2320.7	3578.6	6072.3	11402.4	18638.2	20647.6	21153.9
32.5°	1588.0	1688.7	1830.2	2116.3	3223.2	5691.8	11685.4	19798.6	21839.4	22270.3
35°	1478.0	1562.9	1710.7	1952.8	2952.8	5402.5	11628.8	20720.0	22993.5	23433.8
37.5°	1399.4	1471.7	1619.5	1798.7	2748.4	5100.6	11600.5	21936.9	24399.2	24908.6
40°	1327.0	1402.5	1537.7	1698.1	2544.0	4745.2	11616.3	23144.5	25896.0	26405.4
42.5°	1270.4	1355.3	1465.4	1669.8	2333.3	4459.1	11616.3	24194.8	27197.9	27688.5
45°	1223.3	1314.5	1421.4	1666.7	2166.6	4242.1	11537.6	25097.3	28235.6	28653.9
47.5°	1182.4	1283.0	1437.1	1610.0	2125.8	4084.9	11468.5	25820.5	29081.5	29474.6
50°	1154.1	1273.6	1528.3	1544.0	2138.3	4037.7	11801.8	26732.5	29826.8	30166.4
52.5°	1132.1	1276.7	1525.1	1446.5	2116.3	4069.1	12496.8	28157.0	30861.4	30886.5
55°	1088.0	1273.6	1446.5	1336.5	2025.1	4122.6	13389.8	30226.2	32480.9	32499.7
57.5°	1044.0	1239.0	1342.8	1242.1	1839.6	4122.6	14465.3	32185.3	34433.7	34449.4
60°	1000.0	1289.3	1179.2	1160.4	1597.5	4047.1	15600.5	33046.9	35046.9	35207.3
62.5°	956.0	1298.7	1053.5	1088.0	1421.4	3864.7	16446.4	32094.1	34216.7	34446.3
65°	905.7	1047.2	971.7	1012.6	1330.2	3559.7	16179.1	30348.8	32657.0	32930.6
67.5°	845.9	886.8	883.6	934.0	1298.7	3110.0	14770.3	28141.3	30977.7	30962.0
70°	773.6	795.6	805.0	858.5	1239.0	2761.0	12308.1	25276.5	28735.6	29087.8
72.5°	698.1	717.0	726.4	773.6	1179.2	2562.9	9553.4	21330.0	24889.7	25440.0
75°	616.3	628.9	641.5	682.4	1116.3	2270.4	6805.0	16282.9	19062.7	19927.5
77.5°	531.4	531.4	547.2	588.0	940.2	1874.2	4566.0	11421.3	12915.0	13798.6
80°	430.8	434.0	427.7	471.7	691.8	1283.0	2594.3	7628.9	8594.3	8764.1
82.5°	330.2	320.8	323.9	345.9	515.7	874.2	1383.6	4739.0	4830.1	4735.8
85°	207.5	207.5	201.3	226.4	330.2	456.0	754.7	2902.5	2267.3	2157.2
87.5°	84.9	69.2	78.6	91.2	157.2	185.5	295.6	597.5	229.6	210.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)