

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: P324454

Luminaire Tested: **GAN-SA0C-730-U-SLR-HSS**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P324454
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-28)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAN-SA0C-730-U-SLR-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(10) 70 CRI, 3000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 47263 lumens
Efficiency: N/A
Efficacy: 84.7 lumens/watt
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

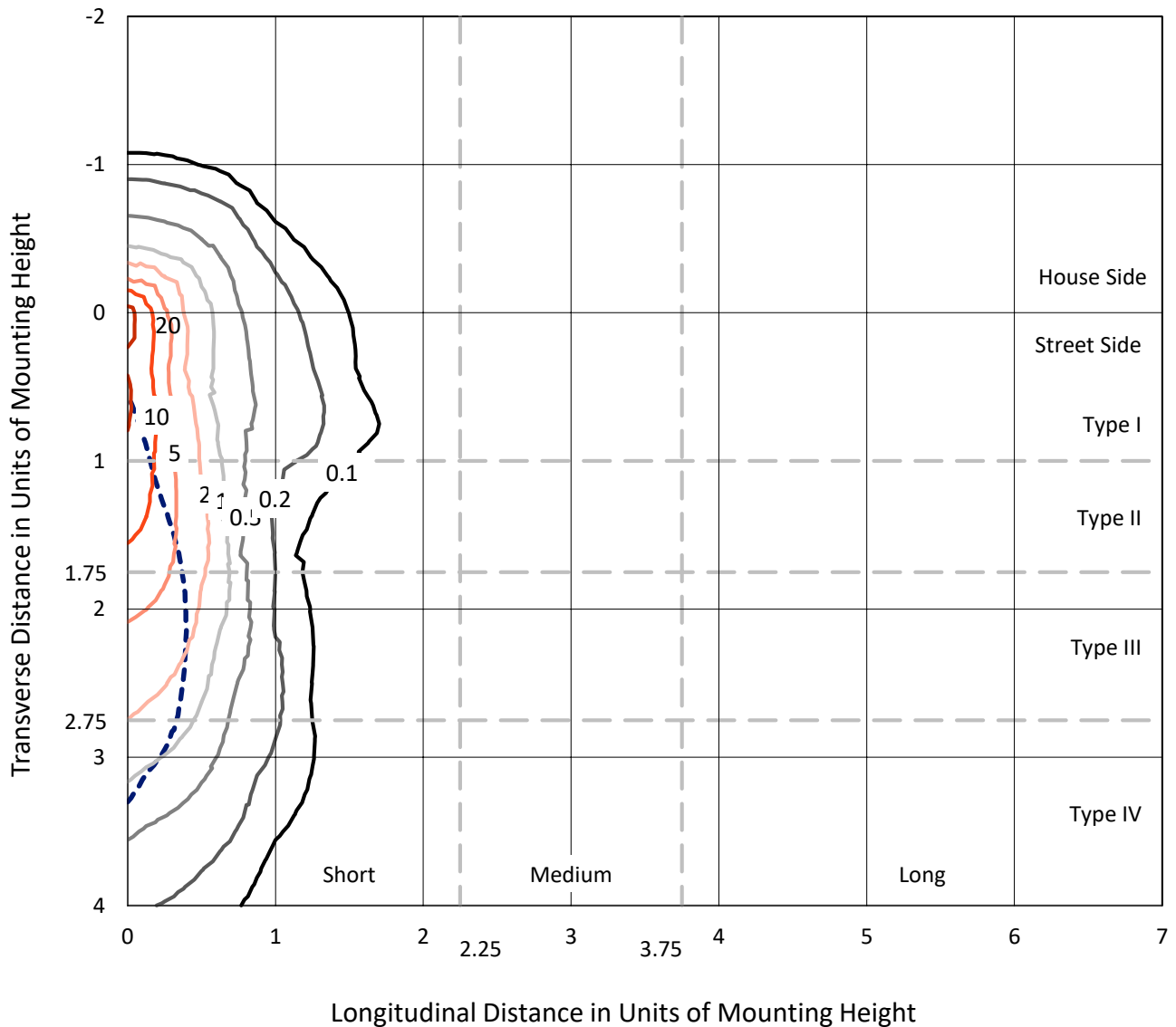
Input Watts (W): 558
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P324454
 CATALOG NUMBER: GAN-SA0C-730-U-SLR-HSS

Iso-Footcandle Lines of Horizontal Illumination

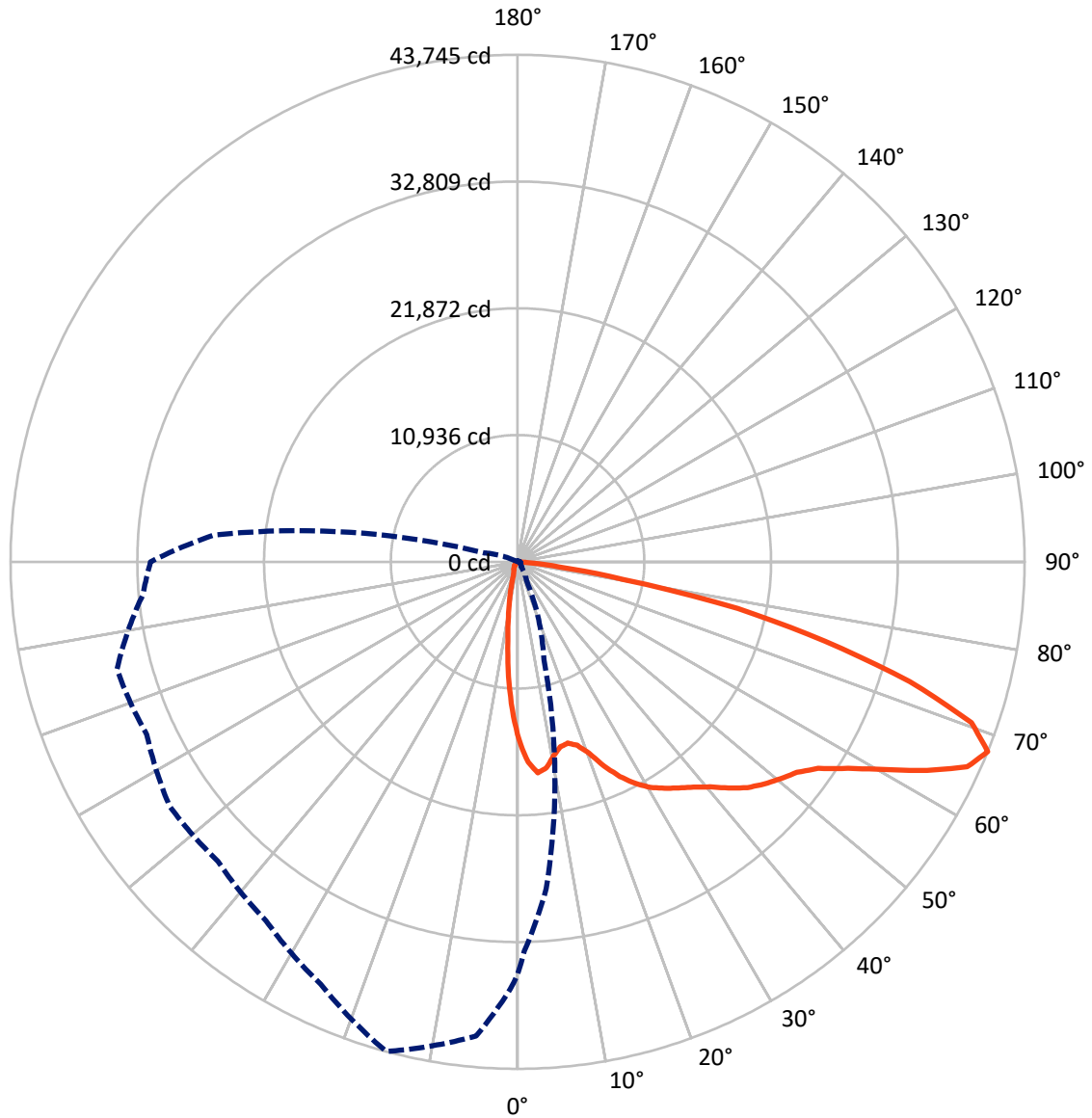
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 24.6 fc
 Type IV - Medium - N/A

REPORT NUMBER: P324454
CATALOG NUMBER: GAN-SAOC-730-U-SLR-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 345-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

REPORT NUMBER: P324454
 CATALOG NUMBER: GAN-SAOC-730-U-SLR-HSS

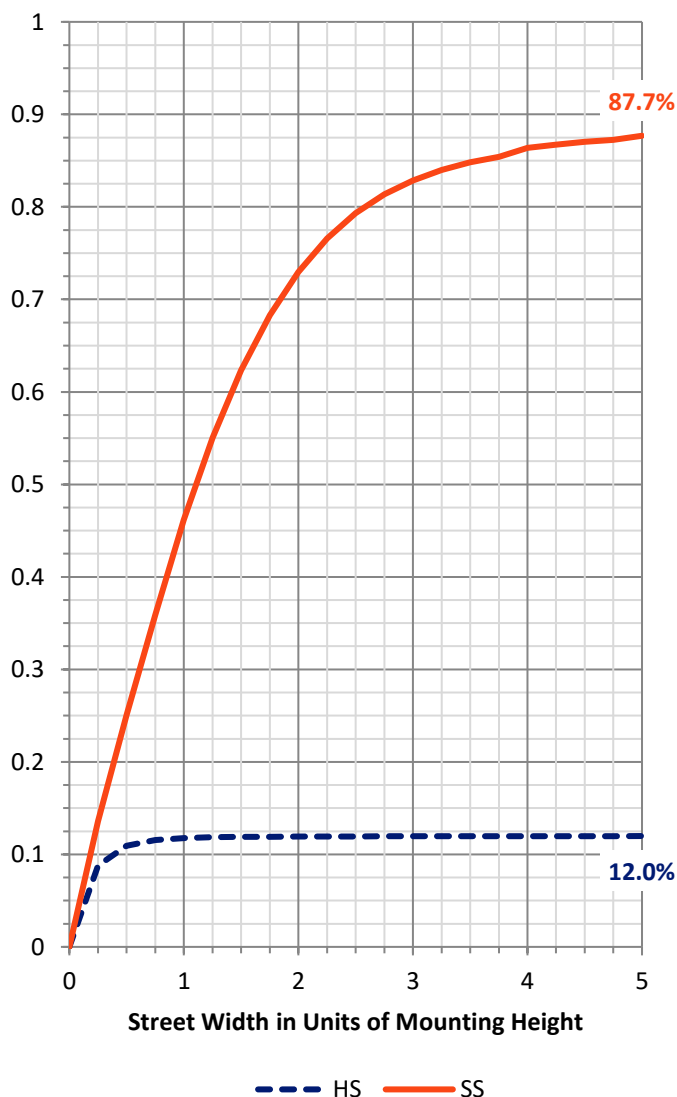
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5720.4	0.0	5720.4
	% Fixture	12.1	0.0	12.1
Street Side	Lumens	41542.6	0.0	41542.6
	% Fixture	87.9	0.0	87.9
Total	Lumens	47263.0	0.0	47263.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1181.6	2.5
10°-20°	2352.0	5.0
20°-30°	3339.8	7.1
30°-40°	4933.1	10.4
40°-50°	7114.6	15.1
50°-60°	9987.4	21.1
60°-70°	11642.5	24.6
70°-80°	5951.9	12.6
80°-90°	760.1	1.6
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°	47263.0	100.0
0°-180°	47263.0	100.0

Coefficient of Utilization

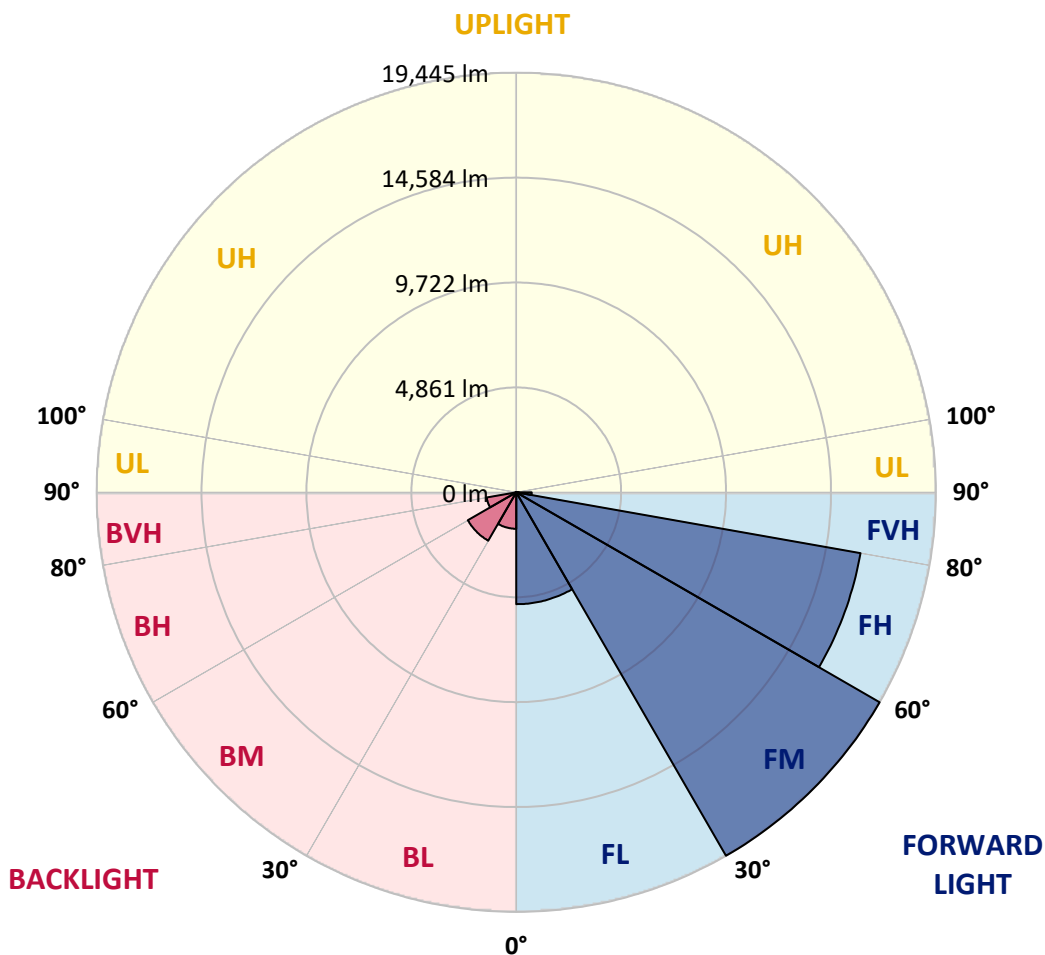


REPORT NUMBER: P324454
 CATALOG NUMBER: GAN-SAOC-730-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	5183.8	11.0			
FM	(30°-60°)	19444.8	41.1			
FH	(60°-80°)	16200.1	34.3			G5
FVH	(80°-90°)	713.9	1.5			G4/750
BL	(0°-30°)	1689.6	3.6	B3/2500		
BM	(30°-60°)	2590.4	5.5	B3/5000		
BH	(60°-80°)	1394.2	2.9	B3/2500		G3/2500
BVH	(80°-90°)	46.2	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-G5
 Type IV Medium





REPORT NUMBER: P324454
 CATALOG NUMBER: GAN-SAOC-730-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	15395.8	15395.8	15395.8	15395.8	15395.8	15395.8	15395.8	15395.8	15395.8	15395.8	15395.8
2.5°	16857.9	16728.1	16584.8	16116.8	15682.4	15185.4	14780.1	14498.0	14144.2	13685.2	13568.8
5°	16737.0	16598.2	16148.2	15107.0	14195.7	13309.0	12453.7	11952.1	11329.7	10698.3	10541.5
7.5°	15521.2	15375.7	14726.4	13300.1	12073.1	10792.3	9681.7	8994.3	8291.3	7713.6	7406.8
10°	14256.1	14097.2	13367.2	11636.4	10125.1	8967.5	8152.4	7496.4	6831.4	6213.4	5720.8
12.5°	13385.2	13176.9	12384.3	10422.9	9106.3	8320.4	7559.1	6773.2	5873.1	5210.3	4668.5
15°	13020.2	12782.8	11945.4	9954.9	8745.8	7823.3	6831.4	5866.4	4811.8	4052.7	3555.6
17.5°	13302.3	12993.3	12095.4	9923.6	8293.5	7037.4	5783.5	4650.5	3506.4	2738.4	2384.6
20°	14260.6	13855.4	12715.7	9914.6	7744.9	6103.7	4514.0	3233.2	2310.7	1858.4	1672.6
22.5°	15769.8	15234.6	13606.8	9986.2	7178.5	5123.0	3260.1	2196.5	1735.3	1500.2	1390.5
25°	17592.4	16972.1	14889.8	10239.3	6681.4	4169.1	2368.9	1735.3	1464.4	1291.9	1200.1
27.5°	19325.4	18821.6	16510.9	10604.2	6296.3	3398.9	1923.4	1471.1	1251.6	1137.4	1063.6
30°	21056.2	20422.5	18174.5	11038.6	5832.8	2877.2	1690.5	1341.2	1121.8	1000.9	953.8
32.5°	22314.6	21788.4	19477.7	11352.1	5337.9	2536.9	1511.4	1227.0	1047.9	924.7	855.3
35°	23794.6	23199.0	20595.0	11421.5	5020.0	2321.9	1359.1	1103.9	909.1	799.3	725.5
37.5°	25393.3	24652.1	21884.7	11269.2	4771.5	2216.7	1244.9	1047.9	848.6	736.7	658.3
40°	27162.1	26324.7	23122.9	11049.8	4527.4	2180.9	1157.6	1005.3	801.6	687.4	606.8
42.5°	29025.0	28037.6	24195.4	10819.2	4372.9	2057.7	1148.6	962.8	765.8	642.6	562.0
45°	30590.2	29589.3	25297.0	10743.1	4263.2	1923.4	1186.7	933.7	741.1	606.8	528.4
47.5°	31837.3	30890.2	26425.5	10913.2	4200.5	1800.2	1081.5	971.8	727.7	575.4	499.3
50°	33326.3	32253.8	28015.2	11421.5	4108.7	1677.1	978.5	1112.8	727.7	555.3	474.7
52.5°	35193.7	34132.4	29788.6	12209.6	3925.1	1506.9	880.0	1115.1	734.4	528.4	443.3
55°	37542.5	36772.2	32321.0	13073.9	3631.8	1256.1	761.3	958.3	707.5	479.2	414.2
57.5°	39795.0	39165.8	34629.4	13665.0	3239.9	980.7	662.8	772.5	647.1	420.9	369.4
59°	40410.7	39723.3	35475.8	13691.9	2946.6	855.3	613.5	638.1	633.7	394.1	342.6
60°	40410.7	39680.8	35719.9	13548.6	2733.9	785.9	582.2	568.7	660.5	376.2	326.9
62.5°	39678.5	38653.0	34927.2	12579.1	2230.1	669.5	508.3	470.2	593.4	338.1	288.8
65°	38156.0	36662.5	32226.9	10825.9	1988.3	613.5	438.9	385.1	412.0	297.8	253.0
67.5°	35616.9	33592.7	28333.2	8745.8	1892.0	597.8	378.4	326.9	311.2	255.3	221.7
70°	31145.4	28899.7	23606.5	6876.2	1809.2	591.1	317.9	275.4	250.8	215.0	188.1
72.5°	22668.3	20326.3	16759.4	5376.0	1759.9	604.5	255.3	230.6	206.0	167.9	145.5
75°	12966.4	11432.7	9419.8	3551.2	1500.2	577.7	197.0	192.6	147.8	120.9	100.8
77.5°	6699.3	6495.5	5644.7	1363.6	718.7	253.0	129.9	112.0	87.3	73.9	60.5
80°	2890.6	2859.3	2474.2	394.1	190.3	141.1	73.9	47.0	40.3	31.3	24.6
82.5°	998.6	998.6	880.0	132.1	85.1	69.4	9.0	0.0	0.0	0.0	0.0
85°	201.5	226.1	159.0	0.0	29.1	0.0	0.0	0.0	0.0	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: P324454
 CATALOG NUMBER: GAN-SAOC-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	15395.8	15395.8	15395.8	15395.8	15395.8	15395.8	15395.8	15395.8	15395.8	15395.8	15395.8
2.5°	13427.7	13156.8	13138.9	12968.7	12756.0	12659.7	12603.7	12702.2	12823.1	12836.6	13017.9
5°	10422.9	10138.5	10257.2	9954.9	10015.4	9954.9	9856.4	9874.3	9928.0	9760.1	9968.3
7.5°	7319.5	7104.6	7241.1	7160.5	7268.0	7310.6	7250.1	7160.5	6896.3	6865.0	7046.3
10°	5517.1	5273.0	5127.5	4975.2	5008.8	5078.2	5055.8	4990.9	4823.0	4831.9	5006.6
12.5°	4433.4	4160.2	3871.3	3497.4	3405.6	3457.1	3405.6	3367.6	3206.3	3219.8	3374.3
15°	3363.1	3139.2	2836.9	2536.9	2373.4	2389.1	2245.8	2145.0	2044.3	1923.4	2017.4
17.5°	2270.4	2133.8	2044.3	1954.7	1759.9	1715.1	1533.8	1339.0	1262.8	1206.9	1247.2
20°	1607.7	1533.8	1497.9	1493.5	1381.5	1325.5	1148.6	1027.7	989.7	978.5	1003.1
22.5°	1343.4	1289.7	1238.2	1209.1	1153.1	1088.2	953.8	893.4	866.5	853.1	871.0
25°	1168.8	1128.5	1074.8	1025.5	1003.1	933.7	837.4	792.6	774.7	761.3	770.2
27.5°	1038.9	1003.1	940.4	909.1	891.1	830.7	747.8	712.0	696.4	691.9	689.6
30°	935.9	902.3	844.1	808.3	777.0	723.2	674.0	638.1	622.5	618.0	613.5
32.5°	832.9	806.1	768.0	732.2	698.6	649.3	606.8	577.7	553.0	548.6	546.3
35°	703.1	676.2	656.0	653.8	622.5	575.4	544.1	506.0	485.9	479.2	481.4
37.5°	624.7	588.9	544.1	559.8	550.8	517.2	474.7	436.6	416.5	412.0	412.0
40°	575.4	537.4	485.9	459.0	485.9	479.2	412.0	373.9	353.8	351.5	347.1
42.5°	528.4	490.4	432.1	387.4	400.8	420.9	356.0	320.2	300.0	295.6	288.8
45°	494.8	454.5	389.6	338.1	311.2	353.8	304.5	259.7	248.5	239.6	235.1
47.5°	463.5	425.4	351.5	293.3	248.5	255.3	244.1	212.7	199.3	190.3	188.1
50°	436.6	396.3	317.9	250.8	206.0	188.1	197.0	167.9	156.7	147.8	143.3
52.5°	405.3	367.2	282.1	217.2	172.4	147.8	150.0	132.1	120.9	114.2	112.0
55°	380.6	342.6	253.0	190.3	152.3	120.9	107.5	103.0	96.3	91.8	89.6
57.5°	347.1	311.2	223.9	161.2	129.9	98.5	82.8	82.8	80.6	76.1	73.9
59°	326.9	295.6	206.0	145.5	118.7	85.1	73.9	76.1	73.9	69.4	67.2
60°	311.2	282.1	192.6	134.3	112.0	78.4	67.2	71.7	69.4	64.9	62.7
62.5°	275.4	255.3	165.7	112.0	98.5	62.7	56.0	60.5	60.5	58.2	56.0
65°	241.8	219.4	141.1	94.0	91.8	53.7	44.8	53.7	56.0	51.5	47.0
67.5°	210.5	188.1	123.1	76.1	85.1	42.5	33.6	44.8	60.5	47.0	42.5
70°	179.1	156.7	96.3	60.5	89.6	29.1	26.9	40.3	71.7	51.5	40.3
72.5°	138.8	120.9	67.2	44.8	96.3	20.2	20.2	33.6	80.6	56.0	38.1
75°	96.3	78.4	40.3	26.9	78.4	13.4	13.4	31.3	76.1	51.5	35.8
77.5°	56.0	42.5	13.4	2.2	40.3	0.0	2.2	22.4	53.7	31.3	15.7
80°	20.2	9.0	0.0	0.0	24.6	0.0	0.0	0.0	4.5	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: P324454
 CATALOG NUMBER: GAN-SAOC-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	15395.8	15395.8	15395.8	15395.8	15395.8	15395.8	15395.8	15395.8	15395.8	15395.8	15395.8
2.5°	13065.0	13367.2	13638.2	14047.9	14533.8	15093.6	15575.0	16092.2	16578.1	16779.6	16918.4
5°	10010.9	10384.8	10821.4	11423.7	12225.3	13212.7	14137.5	15183.1	16307.1	16869.1	17397.6
7.5°	7077.7	7458.3	8000.2	8640.6	9610.1	10785.6	11994.7	13438.9	14961.5	15850.4	16725.8
10°	5089.4	5557.4	6063.4	6938.9	7924.1	9039.1	10284.0	11896.2	13593.4	14578.6	15633.2
12.5°	3463.8	3996.7	4762.5	5743.2	6900.8	7993.5	9074.9	10613.2	12583.6	13559.8	14690.5
15°	2077.9	2373.4	3184.0	4319.2	5738.7	7100.1	8284.6	9827.3	11927.5	13123.2	14298.7
17.5°	1280.7	1417.3	1858.4	2789.9	4281.1	6002.9	7626.3	9560.8	12021.6	13477.0	14735.3
20°	1021.0	1074.8	1215.8	1648.0	2836.9	4793.8	6885.1	9507.1	12789.6	14580.8	15931.0
22.5°	886.7	938.2	1032.2	1197.9	1784.5	3589.2	6182.1	9556.3	13891.2	16235.5	17811.8
25°	781.4	826.2	915.8	1052.4	1307.6	2527.9	5429.7	9775.8	15326.4	18288.7	19963.5
27.5°	698.6	736.7	819.5	944.9	1121.8	1764.4	4576.7	10042.2	17028.1	20389.0	22041.4
30°	622.5	656.0	729.9	846.4	974.0	1356.9	3640.7	10223.6	18732.0	22041.4	23525.9
32.5°	557.5	582.2	649.3	747.8	846.4	1081.5	2767.5	10194.5	19997.1	23416.2	24593.9
35°	490.4	515.0	573.2	658.3	736.7	893.4	2176.4	9650.4	21098.7	24842.5	25816.5
37.5°	416.5	447.8	503.8	579.9	633.7	785.9	1759.9	8994.3	22216.0	26472.5	27180.1
40°	353.8	385.1	434.4	517.2	550.8	745.6	1352.4	8195.0	23472.2	28295.1	28675.7
42.5°	293.3	322.4	373.9	445.6	519.5	642.6	1000.9	7281.5	24679.0	29853.5	30039.3
45°	237.3	266.4	320.2	391.8	555.3	532.9	774.7	6303.0	25653.0	31149.9	31210.4
47.5°	188.1	215.0	270.9	369.4	517.2	425.4	553.0	5535.0	26470.3	32162.0	32003.0
50°	145.5	167.9	226.1	423.2	452.3	351.5	418.7	5279.7	27202.4	32788.9	32376.9
52.5°	114.2	134.3	185.8	396.3	351.5	291.1	351.5	5519.3	28205.5	33308.4	32587.4
55°	91.8	112.0	145.5	226.1	239.6	246.3	300.0	5743.2	29936.3	34526.4	33830.1
57.5°	76.1	96.3	118.7	159.0	181.4	208.2	266.4	5767.8	31976.1	36550.6	35892.3
59°	69.4	87.3	107.5	141.1	159.0	190.3	250.8	5633.5	32694.9	37287.2	36958.1
60°	64.9	82.8	100.8	129.9	147.8	179.1	241.8	5505.9	32726.2	37260.3	37412.6
62.5°	56.0	73.9	89.6	109.7	125.4	152.3	217.2	5033.4	31400.7	36040.0	37139.4
65°	49.3	64.9	80.6	94.0	107.5	136.6	197.0	4171.4	29137.0	34071.9	35269.8
67.5°	44.8	56.0	73.9	82.8	96.3	120.9	174.6	2973.5	26309.1	31664.9	32441.9
70°	40.3	53.7	67.2	76.1	87.3	105.2	150.0	1708.4	22216.0	28140.6	28693.7
72.5°	38.1	51.5	60.5	71.7	78.4	94.0	136.6	803.8	16266.8	22542.9	23987.1
75°	33.6	47.0	56.0	67.2	73.9	85.1	116.4	385.1	10819.2	16313.9	17955.1
77.5°	20.2	38.1	51.5	60.5	64.9	73.9	96.3	221.7	6905.3	11291.6	13300.1
80°	0.0	13.4	38.1	51.5	56.0	62.7	73.9	174.6	3694.5	6450.8	7742.7
82.5°	0.0	0.0	26.9	40.3	38.1	42.5	56.0	109.7	1665.9	4216.2	4751.3
85°	0.0	0.0	9.0	31.3	26.9	20.2	38.1	38.1	365.0	2133.8	2662.3
87.5°	0.0	0.0	0.0	2.2	13.4	9.0	15.7	4.5	2.2	159.0	644.9
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: P324454
 CATALOG NUMBER: GAN-SAOC-730-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	15395.8	15395.8	15395.8	15395.8	15395.8	15395.8	15395.8	15395.8	15395.8	15395.8
2.5°	17404.3	17570.0	17849.9	17982.0	17917.0	17641.6	17312.5	16976.6	16779.6	16857.9
5°	18474.6	19327.6	19820.2	19983.7	19710.5	19092.5	18284.2	17218.4	16840.0	16737.0
7.5°	18474.6	20080.0	21096.5	21275.6	20666.6	19455.3	17939.4	16275.8	15722.7	15521.2
10°	17825.2	20010.6	21427.9	21712.2	20861.4	19050.0	17019.2	15120.4	14464.4	14256.1
12.5°	17093.0	19446.3	20939.8	21331.6	20633.0	18647.0	16381.0	14339.0	13566.5	13385.2
15°	16643.0	18752.2	19988.2	20272.5	19977.0	18411.9	16228.8	14103.9	13194.8	13020.2
17.5°	16804.2	18214.8	18660.4	18826.1	19025.4	18329.0	16643.0	14618.9	13468.0	13302.3
20°	17411.0	17648.3	17417.7	17625.9	18163.3	18409.6	17630.4	15863.8	14482.3	14260.6
22.5°	18441.0	17355.0	16707.9	16790.8	17444.6	18676.1	19139.6	17641.6	16047.4	15769.8
25°	19641.1	17592.4	16313.9	16240.0	16911.7	19027.6	20518.8	19576.2	17899.1	17592.4
27.5°	21150.2	18125.3	16233.2	16159.4	16725.8	19356.7	21665.2	21488.3	19849.3	19325.4
30°	22314.6	18649.2	16472.8	16302.7	16911.7	19585.1	22585.5	23111.7	21403.3	21056.2
32.5°	23149.7	19267.2	16862.4	16616.1	17435.6	19979.2	23295.3	24598.4	22840.7	22314.6
35°	23785.6	19938.9	17491.6	17086.3	18156.6	20577.0	23960.3	26181.4	24370.0	23794.6
37.5°	24381.2	20881.6	18474.6	17990.9	19287.3	21539.8	24663.3	27977.2	26080.7	25393.3
40°	25211.9	21949.6	19990.4	19560.5	21188.3	22851.9	25541.1	29849.0	28026.4	27162.1
42.5°	26042.6	23096.0	21542.1	21658.5	23559.5	24446.1	26674.0	31828.4	29947.5	29025.0
45°	26801.6	24278.2	23752.0	24289.4	25760.5	26194.9	27800.3	32972.5	31481.3	30590.2
47.5°	27477.8	25756.0	25948.6	27379.3	28263.8	27777.9	28642.2	33960.0	32623.2	31837.3
50°	28263.8	27668.2	28843.7	30867.8	31145.4	29210.9	29407.9	35128.7	33957.7	33326.3
52.5°	29123.6	29683.3	32050.0	33834.6	33745.0	30767.0	30178.2	36438.6	35787.0	35193.7
55°	30099.8	31311.1	34873.5	36611.0	36534.9	32504.6	31454.4	38057.4	38079.8	37542.5
57.5°	31548.5	32712.8	36790.1	38856.8	38984.4	34510.8	33617.4	39871.1	40153.2	39795.0
59°	32587.4	33621.9	37549.2	39795.0	40314.4	36062.4	35198.2	40923.5	40737.6	40410.7
60°	33357.6	34199.5	37925.3	40285.3	41086.9	37114.8	36364.7	41541.4	40807.0	40410.7
62.5°	35263.1	35457.9	38603.8	40840.6	41975.8	39452.4	39647.2	42593.8	40325.6	39678.5
65°	36152.0	36252.8	38594.8	39846.5	41116.0	41272.7	42625.1	42625.1	39150.1	38156.0
67.5°	35780.3	35294.4	36680.4	36550.6	37817.9	40191.3	43744.7	41062.3	36902.1	35616.9
70°	32757.6	30887.9	30272.2	30328.2	31297.7	34958.6	41528.0	36463.2	32647.9	31145.4
72.5°	27256.2	22771.3	21251.0	22986.3	23239.3	26866.6	35390.7	27459.9	24076.7	22668.3
75°	21922.7	16051.9	13580.0	15411.5	15841.4	19661.3	27377.1	17102.0	14063.6	12966.4
77.5°	15749.6	11522.2	9744.4	9616.8	10172.1	12469.4	19426.2	8607.0	7178.5	6699.3
80°	8947.3	7583.7	8165.9	7704.6	7984.5	7796.4	9229.4	3775.1	3092.2	2890.6
82.5°	5400.6	4482.6	4854.3	4041.5	5114.0	4453.5	3555.6	1209.1	1050.1	998.6
85°	3513.1	2449.5	1276.3	855.3	1762.1	2845.9	794.9	329.1	253.0	201.5
87.5°	1211.3	624.7	62.7	26.9	188.1	530.7	29.1	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)