

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: P92725

Luminaire Tested: **LRC-B16-7-LED-E1-VAT**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P92725
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P22216-R2)
Test Lab: INNOVATION CENTER P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: LRC-B16-7-LED-E1-VAT
Description: LRC CANOPY LUMINAIRE
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2987 lumens
Efficiency: N/A
Efficacy: 81.2 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

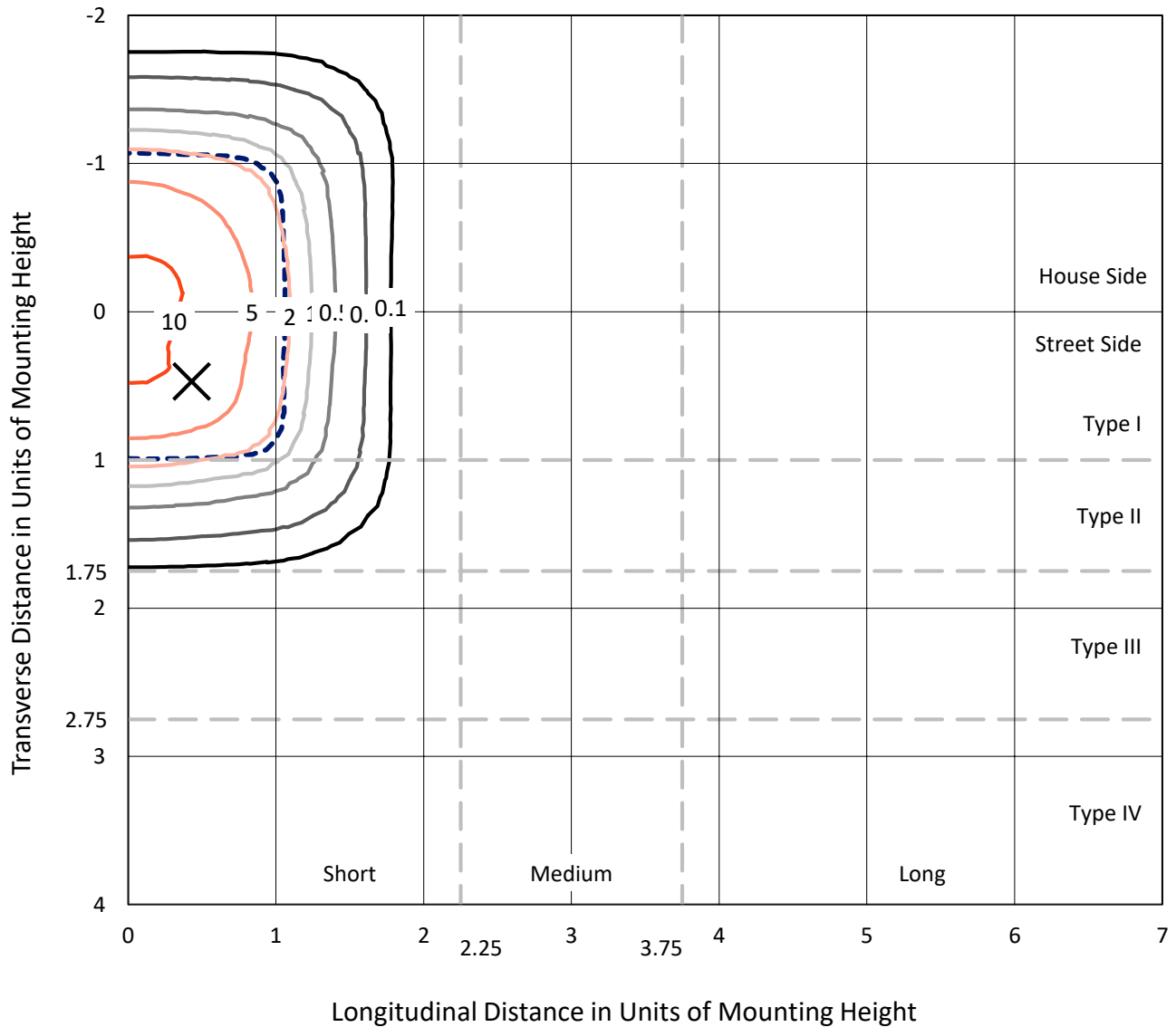
Input Watts (W): 36.8
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

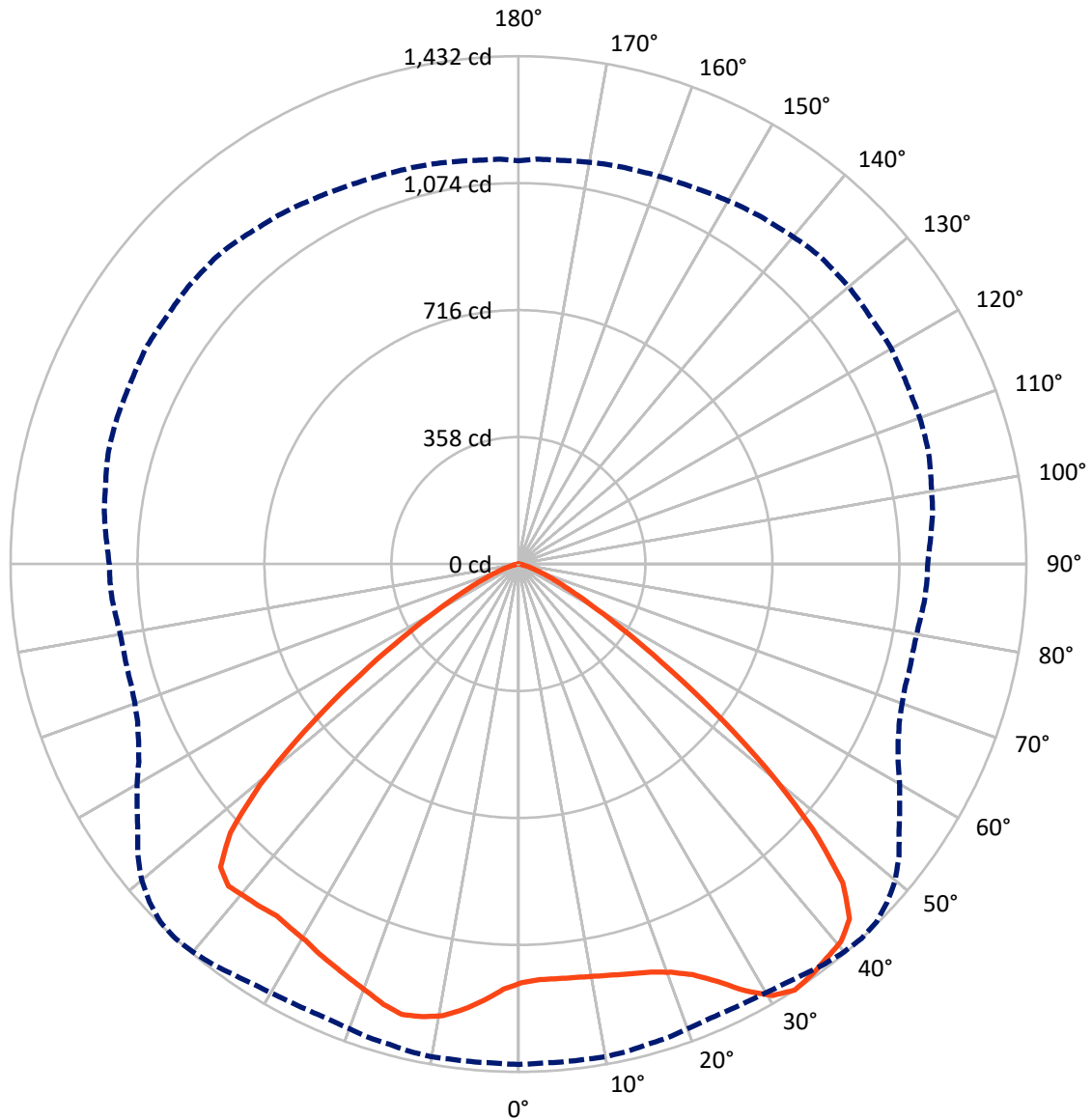
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 12.3 fc
 Type V - Short - Full Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 42.5-Deg Lateral - - - Horizontal Cone Through 32.5-Deg Vertical

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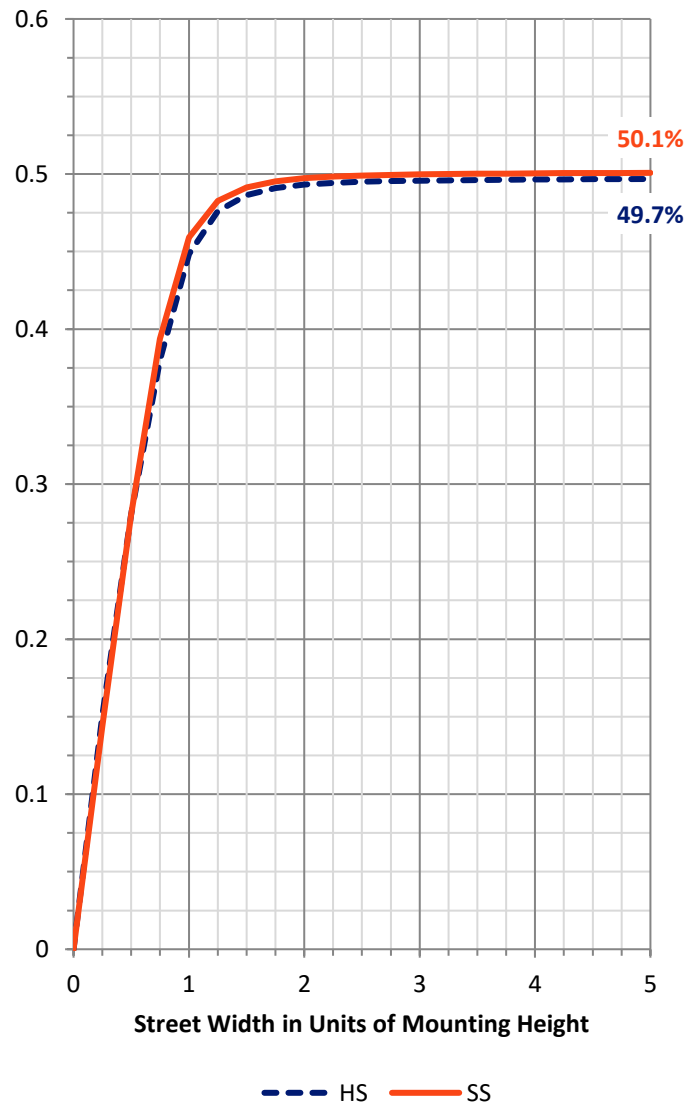
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1492.5	0.0	1492.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1494.5	0.0	1494.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	2987.0	0.0	2987.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	115.4	3.9
10°-20°	348.7	11.7
20°-30°	577.1	19.3
30°-40°	784.3	26.3
40°-50°	746.4	25.0
50°-60°	313.9	10.5
60°-70°	80.6	2.7
70°-80°	18.0	0.6
80°-90°	2.6	0.1
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°	2987.0	100.0
0°-180°	2987.0	100.0



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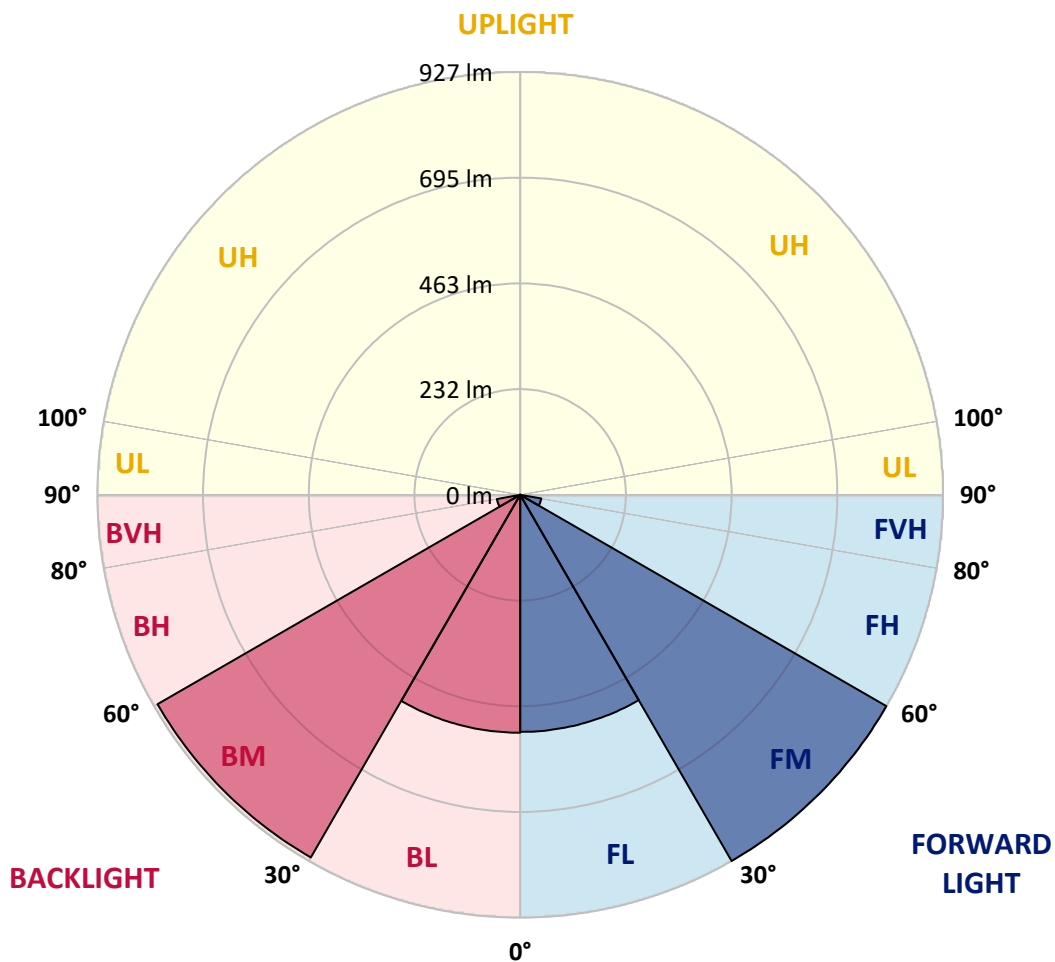
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	519.6	17.4			
FM	(30°-60°)	926.8	31.0			
FH	(60°-80°)	46.8	1.6			G0/660
FVH	(80°-90°)	1.3	0.0			G0/10
BL	(0°-30°)	521.5	17.5	B2/1000		
BM	(30°-60°)	917.9	30.7	B1/1000		
BH	(60°-80°)	51.8	1.7	B0/110		G0/660
BVH	(80°-90°)	1.3	0.0			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°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6
2.5°	1163.0	1162.6	1163.4	1164.8	1163.4	1163.4	1163.4	1164.4	1165.5	1165.1	1164.4
5°	1152.2	1153.3	1154.4	1154.4	1154.7	1154.7	1155.5	1156.9	1159.0	1160.5	1159.8
7.5°	1144.3	1147.2	1148.6	1147.2	1149.7	1150.4	1150.1	1151.5	1155.5	1159.0	1160.5
10°	1145.7	1148.3	1149.7	1147.9	1150.1	1151.1	1152.2	1154.0	1158.3	1161.9	1164.4
12.5°	1158.3	1159.4	1160.9	1159.4	1161.6	1164.4	1166.6	1168.8	1173.1	1175.9	1178.8
15°	1189.2	1191.0	1190.3	1190.7	1191.0	1193.2	1196.4	1198.2	1200.8	1202.9	1204.3
17.5°	1228.4	1229.5	1230.2	1231.3	1234.5	1236.0	1241.7	1243.2	1244.3	1245.0	1244.3
20°	1283.8	1284.2	1284.9	1285.2	1288.1	1289.9	1292.8	1294.6	1295.3	1293.5	1289.2
22.5°	1344.5	1344.5	1345.3	1344.9	1348.9	1350.7	1355.7	1357.5	1356.4	1351.4	1344.9
25°	1384.1	1384.5	1386.6	1388.4	1393.8	1397.8	1402.8	1406.0	1403.5	1400.6	1396.3
27.5°	1376.5	1379.1	1381.2	1386.6	1392.0	1397.8	1404.6	1406.0	1410.4	1414.3	1415.0
30°	1378.7	1379.4	1381.2	1383.0	1384.8	1387.3	1390.6	1392.4	1394.5	1396.7	1401.0
32.5°	1411.4	1408.9	1409.6	1409.6	1410.7	1408.5	1402.8	1400.6	1394.9	1390.6	1390.9
35°	1427.6	1426.5	1428.3	1427.6	1428.7	1428.3	1427.2	1424.0	1416.8	1411.4	1403.5
37.5°	1368.6	1370.8	1376.2	1378.0	1383.4	1387.7	1396.3	1398.8	1402.1	1405.7	1405.0
40°	1204.7	1209.0	1216.6	1224.1	1236.7	1251.4	1271.2	1290.6	1309.3	1323.3	1335.6
42.5°	939.0	946.2	955.2	966.3	985.0	1012.0	1044.0	1075.6	1113.0	1148.6	1177.4
45°	683.8	688.1	695.7	706.1	724.8	745.6	775.8	812.8	852.7	900.2	940.5
47.5°	476.3	480.0	486.4	494.3	507.6	526.7	550.8	579.9	616.2	653.9	693.1
50°	322.8	326.8	331.8	337.2	345.9	360.9	378.9	401.6	427.8	459.1	491.5
52.5°	227.2	227.2	229.0	234.0	240.5	249.1	260.6	276.8	295.2	317.1	339.7
55°	159.3	160.0	161.4	164.3	169.0	176.1	183.7	194.5	207.8	224.7	239.8
57.5°	110.0	111.4	112.5	114.3	118.3	123.3	128.7	136.6	147.0	159.6	170.4
60°	75.8	75.8	77.7	78.7	81.2	85.2	89.5	94.9	103.2	112.2	121.9
62.5°	51.8	51.8	52.5	53.2	55.0	58.3	61.1	65.8	71.6	78.0	87.3
65°	35.2	35.2	35.9	36.7	38.5	39.6	41.7	44.9	48.5	53.6	59.7
67.5°	25.2	25.5	25.9	26.3	27.0	27.7	29.1	30.9	33.4	36.3	41.0
70°	18.7	18.7	19.1	19.1	19.8	20.1	20.9	21.9	23.7	25.5	28.4
72.5°	14.0	14.0	14.0	14.0	14.4	14.8	15.1	15.8	16.9	18.3	19.8
75°	10.4	10.4	10.4	10.4	10.8	10.8	11.1	11.5	12.2	12.9	13.7
77.5°	7.6	7.6	7.6	7.6	7.6	7.6	7.9	8.3	8.3	9.0	9.7
80°	5.0	5.0	5.0	5.0	5.0	5.4	5.4	5.4	5.7	5.7	6.1
82.5°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.6	3.6
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.5	1.8	1.8
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.4	0.7	0.4
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):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6
2.5°	1165.9	1166.2	1167.0	1168.0	1170.2	1172.7	1173.4	1171.3	1174.2	1176.3	1175.2
5°	1161.9	1162.3	1163.4	1165.9	1169.8	1173.1	1174.5	1173.4	1176.7	1178.8	1179.5
7.5°	1163.4	1164.8	1165.1	1168.4	1173.1	1176.3	1177.0	1178.1	1180.3	1182.4	1184.2
10°	1167.0	1169.5	1169.5	1172.7	1177.7	1181.0	1182.4	1183.5	1186.4	1188.5	1190.3
12.5°	1182.4	1184.9	1186.0	1188.5	1190.7	1190.3	1189.6	1187.8	1187.5	1188.9	1189.2
15°	1206.5	1205.8	1205.4	1205.1	1204.0	1200.8	1198.6	1196.1	1193.9	1191.4	1188.9
17.5°	1243.5	1240.3	1236.0	1230.2	1225.6	1217.3	1209.7	1201.8	1196.4	1191.0	1186.7
20°	1283.1	1275.2	1268.7	1260.4	1251.8	1241.4	1229.1	1215.8	1202.9	1192.9	1182.8
22.5°	1336.3	1325.1	1316.1	1305.0	1291.7	1273.4	1257.9	1242.1	1225.6	1207.9	1192.5
25°	1389.5	1380.9	1371.2	1358.2	1341.0	1325.1	1303.6	1282.7	1263.7	1242.1	1219.8
27.5°	1413.9	1411.8	1410.7	1406.0	1396.0	1380.1	1362.9	1338.4	1315.8	1290.6	1262.6
30°	1405.0	1409.3	1416.5	1421.9	1425.1	1421.1	1412.1	1394.5	1372.6	1344.5	1313.6
32.5°	1393.1	1396.0	1401.3	1410.4	1420.8	1428.3	1432.3	1427.6	1411.1	1387.0	1352.8
35°	1399.5	1399.5	1399.5	1400.3	1406.4	1418.6	1423.6	1422.6	1417.9	1401.3	1370.4
37.5°	1409.3	1409.6	1409.6	1408.2	1410.0	1411.4	1411.1	1410.4	1399.5	1385.9	1358.9
40°	1354.6	1372.2	1387.3	1396.7	1405.0	1403.9	1400.6	1393.1	1380.5	1356.4	1330.9
42.5°	1214.4	1252.5	1288.1	1322.3	1346.4	1364.7	1369.0	1362.2	1347.8	1325.1	1296.7
45°	992.6	1050.8	1105.1	1169.5	1216.2	1258.3	1282.4	1289.2	1284.2	1264.0	1228.1
47.5°	745.6	807.1	869.3	948.0	1011.3	1071.0	1115.9	1144.7	1150.4	1135.0	1097.9
50°	533.1	584.5	640.3	714.7	779.8	846.6	906.3	946.2	959.5	948.0	913.5
52.5°	372.1	411.6	454.4	515.2	568.4	629.5	685.6	727.3	742.0	735.6	710.0
55°	262.8	289.4	320.0	363.8	405.2	448.0	489.3	523.8	541.8	540.7	520.2
57.5°	189.8	206.7	227.2	257.8	287.3	316.4	341.9	366.3	378.6	380.0	367.0
60°	133.7	147.8	163.6	184.1	203.8	222.5	238.0	253.8	262.1	264.2	257.1
62.5°	93.8	107.1	119.0	131.6	144.9	157.1	167.9	175.8	181.2	182.3	179.0
65°	66.5	75.1	83.8	94.2	102.5	110.4	117.2	122.2	125.5	125.8	123.3
67.5°	45.7	51.4	58.3	65.8	72.3	76.9	81.6	84.9	87.0	86.3	83.4
70°	31.3	35.9	40.3	44.9	49.2	53.6	56.4	58.6	60.0	58.3	55.4
72.5°	22.3	24.8	28.0	30.5	33.4	35.9	37.7	39.2	39.9	38.1	36.3
75°	15.5	17.2	18.7	20.5	22.3	23.7	24.4	24.8	25.2	24.4	23.0
77.5°	10.4	11.5	12.2	13.7	14.8	15.1	15.5	15.8	15.8	15.1	14.4
80°	6.8	7.6	7.9	8.3	9.0	9.3	9.7	9.7	9.7	9.3	8.6
82.5°	3.9	3.9	4.3	4.7	5.0	5.0	5.4	5.4	5.4	5.0	5.0
85°	1.8	1.8	2.2	2.2	2.2	2.2	2.5	2.5	2.5	2.2	2.2
87.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
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°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6
2.5°	1174.9	1175.6	1177.4	1176.7	1178.1	1178.1	1179.9	1181.3	1181.7	1181.3	1183.1
5°	1180.6	1183.5	1185.3	1186.0	1186.4	1187.8	1190.0	1193.2	1192.9	1194.3	1196.8
7.5°	1186.0	1189.6	1192.1	1192.5	1193.9	1194.6	1197.5	1200.8	1201.8	1205.1	1208.6
10°	1191.8	1192.9	1194.6	1193.9	1196.4	1197.1	1199.7	1201.1	1202.5	1204.3	1205.8
12.5°	1189.6	1190.7	1191.8	1190.0	1191.4	1190.3	1191.4	1192.5	1192.9	1193.9	1196.1
15°	1185.3	1183.8	1181.7	1178.1	1178.4	1178.8	1177.0	1175.9	1177.0	1178.8	1181.7
17.5°	1182.4	1177.7	1173.1	1167.7	1165.5	1162.6	1159.4	1158.7	1156.9	1158.7	1161.9
20°	1176.3	1168.0	1161.2	1155.8	1149.3	1146.8	1144.3	1142.5	1142.5	1142.5	1144.7
22.5°	1180.3	1169.5	1159.8	1151.8	1142.9	1137.8	1131.7	1131.7	1132.1	1132.1	1132.1
25°	1200.8	1185.7	1167.7	1155.5	1147.9	1139.6	1135.0	1133.5	1131.0	1132.1	1132.4
27.5°	1234.2	1212.3	1193.2	1176.3	1163.4	1156.2	1149.7	1145.4	1141.8	1140.7	1143.2
30°	1279.5	1250.0	1221.6	1196.4	1177.4	1163.0	1152.6	1146.8	1145.4	1145.4	1145.0
32.5°	1310.4	1274.8	1241.4	1206.9	1181.7	1162.6	1151.1	1143.9	1142.2	1139.6	1140.3
35°	1328.0	1284.5	1242.4	1205.4	1177.0	1156.9	1146.1	1140.7	1139.3	1138.9	1144.3
37.5°	1320.1	1279.8	1235.2	1202.5	1177.0	1159.4	1151.5	1147.9	1149.0	1150.8	1158.3
40°	1299.2	1265.1	1227.3	1199.0	1173.4	1156.5	1144.3	1137.5	1134.6	1133.9	1129.9
42.5°	1263.0	1229.1	1192.1	1159.4	1128.1	1101.9	1080.0	1062.3	1052.3	1044.7	1036.1
45°	1187.1	1143.9	1096.1	1055.1	1005.5	970.7	939.0	912.4	888.3	882.6	857.4
47.5°	1047.3	994.0	940.5	889.4	842.7	791.3	760.4	718.6	701.4	681.3	665.1
50°	863.2	808.9	750.6	697.4	641.4	602.5	573.4	537.1	521.3	504.4	491.1
52.5°	667.6	616.5	568.4	523.5	481.0	441.1	421.0	392.6	377.5	364.6	354.5
55°	489.3	451.9	413.1	379.3	347.6	322.1	301.3	278.2	266.0	254.2	246.3
57.5°	347.6	322.8	293.7	270.7	246.3	224.7	207.1	189.8	180.8	169.3	163.6
60°	243.8	227.9	207.8	188.0	168.3	152.1	138.0	124.0	115.0	108.6	103.2
62.5°	169.0	156.4	142.0	126.5	112.5	99.2	87.7	77.7	73.0	66.9	62.9
65°	116.1	105.7	94.5	83.0	71.9	63.3	55.0	48.2	44.6	41.3	38.5
67.5°	77.7	70.1	60.8	52.9	44.9	39.6	34.9	30.9	28.4	27.0	25.5
70°	50.7	44.9	38.8	33.4	29.1	25.5	23.0	21.2	19.8	18.7	18.3
72.5°	32.7	28.8	25.2	21.9	19.8	17.6	16.2	15.5	14.4	14.0	13.7
75°	20.9	18.7	16.5	14.4	13.3	12.2	11.5	11.1	10.8	10.4	10.4
77.5°	13.3	11.8	10.8	9.7	9.0	8.6	8.3	7.9	7.6	7.6	7.6
80°	7.9	7.2	6.8	6.1	6.1	5.7	5.7	5.4	5.4	5.4	5.4
82.5°	4.3	3.9	3.9	3.6	3.6	3.6	3.2	3.6	3.2	3.2	3.2
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
87.5°	0.4	0.4	0.4	0.4	0.7	0.7	0.7	0.7	0.7	0.7	0.7
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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CATALOG NUMBER: LRC-B16-7-LED-E1-VAT

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6
2.5°	1183.8	1183.8	1184.9	1185.3	1184.9	1187.5	1186.7	1188.2	1188.5	1189.2	1190.0
5°	1197.5	1199.3	1200.8	1202.5	1202.5	1205.4	1206.9	1209.4	1211.2	1212.6	1214.8
7.5°	1210.8	1213.0	1214.4	1216.2	1219.1	1221.2	1223.4	1224.9	1229.1	1232.4	1234.9
10°	1208.3	1211.9	1213.0	1215.8	1221.6	1222.7	1227.0	1231.7	1236.3	1241.7	1245.7
12.5°	1199.3	1203.6	1205.4	1207.9	1213.7	1218.4	1223.4	1231.7	1238.2	1246.0	1252.5
15°	1185.7	1190.0	1192.9	1195.0	1200.4	1206.5	1214.1	1225.6	1234.9	1244.6	1253.2
17.5°	1163.7	1169.1	1173.8	1177.4	1183.1	1192.9	1202.9	1213.3	1224.9	1235.6	1244.6
20°	1146.1	1149.7	1152.9	1158.0	1165.5	1177.0	1188.9	1202.9	1215.8	1227.7	1237.8
22.5°	1133.5	1139.3	1142.9	1146.4	1155.8	1167.3	1180.3	1194.3	1207.6	1219.1	1228.8
25°	1135.3	1140.3	1142.2	1148.6	1159.4	1170.9	1183.8	1197.5	1209.4	1220.2	1228.1
27.5°	1145.4	1149.0	1152.2	1158.3	1168.0	1179.5	1192.5	1204.7	1213.3	1221.2	1229.9
30°	1146.4	1151.8	1155.5	1160.9	1168.0	1178.4	1187.5	1199.3	1206.2	1215.5	1221.9
32.5°	1144.3	1150.1	1152.9	1154.0	1160.9	1169.5	1178.1	1183.1	1190.7	1198.2	1201.8
35°	1149.3	1153.3	1156.2	1158.7	1161.9	1167.3	1172.7	1174.5	1180.3	1185.7	1187.8
37.5°	1161.2	1165.9	1167.0	1166.6	1169.5	1172.7	1177.0	1179.2	1180.3	1182.4	1181.3
40°	1133.9	1137.1	1138.2	1136.4	1137.8	1143.2	1149.3	1153.3	1154.7	1158.3	1163.0
42.5°	1032.5	1027.8	1026.8	1025.3	1029.3	1034.7	1041.5	1048.7	1062.0	1073.8	1083.5
45°	853.5	846.3	843.1	840.5	844.8	848.1	859.2	870.7	889.4	912.1	931.9
47.5°	651.4	642.4	639.6	638.9	640.6	646.0	655.4	669.4	687.7	710.0	738.0
50°	478.9	470.9	464.8	466.3	469.1	472.8	480.0	493.2	509.0	531.0	555.8
52.5°	344.4	336.8	332.2	331.8	332.9	338.7	344.8	354.8	367.4	387.5	406.2
55°	236.9	232.2	227.6	226.8	227.6	233.7	237.3	247.0	258.1	273.6	290.5
57.5°	156.7	153.2	149.6	148.8	148.8	153.5	155.3	163.9	171.8	185.1	199.2
60°	99.2	95.3	93.8	93.8	93.1	96.0	98.5	103.9	109.7	119.3	130.1
62.5°	60.4	58.3	56.8	56.8	56.4	58.3	60.8	63.3	66.9	74.1	80.9
65°	37.4	36.3	35.2	35.6	35.6	35.9	37.4	38.5	40.3	44.6	48.5
67.5°	24.8	24.4	24.4	24.4	24.4	24.4	24.8	25.5	26.6	28.4	30.5
70°	18.3	18.0	18.0	18.0	18.0	18.0	18.3	18.7	18.7	19.8	20.9
72.5°	13.7	13.7	13.7	13.7	13.7	14.0	14.0	14.0	14.0	14.4	14.8
75°	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.8
77.5°	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.9
80°	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
82.5°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.6
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
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: P92725

CATALOG NUMBER: LRC-B16-7-LED-E1-VAT

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6
2.5°	1192.5	1193.2	1193.6	1195.0	1196.8	1196.4	1196.4	1197.9	1201.1	1199.7	1199.7
5°	1218.0	1220.5	1221.2	1223.4	1225.2	1226.3	1227.7	1230.2	1234.5	1233.5	1233.8
7.5°	1238.2	1241.7	1244.3	1248.6	1252.9	1255.4	1258.3	1261.1	1265.1	1263.7	1264.0
10°	1250.0	1255.8	1262.2	1268.0	1274.4	1278.4	1282.4	1286.3	1290.3	1289.9	1290.6
12.5°	1259.3	1268.3	1276.3	1281.6	1287.4	1291.7	1295.7	1298.5	1301.4	1303.6	1305.3
15°	1261.5	1270.5	1279.5	1287.0	1293.5	1298.9	1302.9	1305.7	1310.4	1311.1	1311.8
17.5°	1253.9	1264.7	1274.1	1282.4	1288.1	1292.8	1296.7	1300.3	1303.9	1303.6	1301.8
20°	1246.4	1254.3	1262.6	1268.3	1273.7	1278.0	1279.1	1279.1	1280.9	1280.9	1280.2
22.5°	1238.5	1246.0	1253.2	1258.3	1261.5	1261.9	1260.1	1257.6	1257.9	1259.0	1261.1
25°	1237.8	1242.8	1245.7	1245.7	1242.8	1240.6	1239.2	1239.9	1242.4	1246.0	1247.1
27.5°	1235.6	1240.6	1238.9	1236.0	1231.7	1229.9	1231.3	1233.1	1234.9	1233.8	1233.5
30°	1228.4	1228.4	1227.3	1224.1	1222.7	1223.0	1225.2	1223.4	1223.4	1222.7	1223.0
32.5°	1204.7	1205.4	1207.6	1210.1	1214.4	1214.1	1212.6	1214.4	1215.8	1214.8	1215.1
35°	1186.4	1187.8	1190.7	1191.8	1192.9	1196.8	1200.4	1206.2	1213.3	1212.6	1209.7
37.5°	1179.5	1178.8	1179.9	1178.1	1180.6	1185.3	1190.7	1197.5	1205.8	1209.4	1213.3
40°	1162.6	1161.6	1164.4	1167.3	1169.5	1175.6	1184.2	1193.2	1204.7	1213.7	1215.8
42.5°	1096.1	1100.8	1116.6	1126.0	1137.8	1152.9	1167.3	1181.0	1195.7	1207.6	1217.3
45°	957.0	973.9	1000.5	1026.4	1051.9	1080.0	1109.8	1135.0	1160.5	1179.9	1192.1
47.5°	769.3	789.1	827.2	865.0	905.6	952.7	994.0	1031.8	1069.2	1091.8	1107.3
50°	583.1	605.0	651.1	681.6	728.4	784.1	834.4	878.3	919.3	945.2	961.7
52.5°	431.0	451.5	491.1	517.7	568.0	613.3	659.3	702.1	741.3	767.9	774.4
55°	310.2	329.3	360.2	384.7	425.6	460.2	497.9	534.2	567.3	585.3	586.7
57.5°	215.7	235.1	257.4	277.2	309.9	338.3	369.2	394.4	417.7	428.2	429.3
60°	143.8	156.7	177.2	194.8	221.4	244.5	265.3	284.4	300.2	305.9	304.5
62.5°	91.3	103.6	117.9	133.7	152.8	169.7	186.2	201.3	211.4	215.0	214.3
65°	55.4	63.6	74.4	86.6	100.6	114.3	127.6	138.4	146.7	149.6	148.5
67.5°	34.2	39.2	44.9	54.6	63.3	74.4	84.5	93.1	99.2	101.4	100.6
70°	22.6	25.2	28.4	34.2	39.6	46.4	53.2	60.0	64.7	67.9	67.9
72.5°	15.8	16.9	19.1	21.6	25.5	29.1	33.1	37.7	41.3	43.1	43.8
75°	11.5	11.8	12.9	14.4	16.5	18.3	21.2	23.7	25.5	26.6	27.0
77.5°	7.9	8.3	9.0	9.3	10.4	11.5	13.3	14.4	15.5	15.8	16.2
80°	5.4	5.7	5.7	6.1	6.8	7.2	7.9	8.6	9.3	9.7	9.7
82.5°	3.6	3.6	3.6	3.6	3.9	3.9	4.3	4.7	5.0	5.4	5.4
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.2	2.2	2.2	2.5
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.4	0.4	0.7	0.7	0.7
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: P92725
 CATALOG NUMBER: LRC-B16-7-LED-E1-VAT

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°	
0°	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	0°
2.5°	1199.7	1202.2	1203.2	1201.8	1201.5	1202.2	1200.8	1200.0	1201.8	1201.8	1201.8	2.5°
5°	1234.2	1238.2	1239.2	1237.1	1236.7	1236.0	1235.6	1235.2	1236.7	1236.3	1236.3	5°
7.5°	1265.1	1268.0	1269.4	1268.0	1267.2	1266.2	1265.5	1265.1	1265.5	1265.1	1263.0	7.5°
10°	1291.3	1291.7	1289.9	1288.1	1285.9	1284.5	1282.7	1280.9	1278.0	1276.6	1272.6	10°
12.5°	1305.0	1305.3	1304.6	1303.6	1301.1	1297.5	1293.9	1289.9	1285.9	1282.0	1275.9	12.5°
15°	1312.2	1310.4	1305.7	1304.3	1298.5	1292.4	1286.3	1280.9	1275.2	1268.3	1262.6	15°
17.5°	1298.9	1295.0	1291.3	1288.1	1283.4	1279.5	1275.2	1271.9	1269.1	1263.0	1256.1	17.5°
20°	1278.8	1277.0	1274.4	1275.2	1272.3	1268.7	1266.2	1263.0	1261.1	1255.8	1248.6	20°
22.5°	1263.3	1263.3	1263.0	1264.0	1262.6	1259.7	1256.8	1254.7	1250.7	1246.8	1239.9	22.5°
25°	1247.5	1248.6	1247.1	1247.8	1248.6	1247.8	1247.5	1245.0	1242.1	1238.5	1232.4	25°
27.5°	1234.9	1234.5	1233.5	1231.3	1231.3	1230.6	1227.7	1221.9	1217.6	1213.3	1209.4	27.5°
30°	1219.5	1220.2	1219.8	1216.6	1213.0	1206.5	1199.3	1194.3	1188.5	1185.3	1182.4	30°
32.5°	1211.5	1205.1	1198.6	1194.6	1189.2	1182.4	1177.0	1171.3	1167.0	1163.4	1159.8	32.5°
35°	1204.0	1198.2	1192.1	1186.0	1177.7	1173.8	1167.0	1161.6	1162.6	1164.4	1165.5	35°
37.5°	1210.1	1203.2	1196.4	1188.5	1184.2	1180.3	1180.6	1183.5	1191.0	1199.0	1202.9	37.5°
40°	1214.4	1215.5	1211.2	1206.2	1206.2	1209.4	1213.7	1220.9	1225.6	1229.1	1231.3	40°
42.5°	1222.3	1227.0	1227.3	1224.9	1219.8	1215.1	1209.7	1201.8	1195.4	1184.9	1176.7	42.5°
45°	1198.6	1200.8	1198.6	1185.3	1168.0	1149.3	1115.5	1086.1	1051.6	1021.4	1002.0	45°
47.5°	1110.9	1105.5	1088.6	1057.3	1022.1	979.3	923.9	888.0	831.5	785.9	760.0	47.5°
50°	956.7	938.0	904.9	858.8	809.2	755.3	692.8	645.0	599.3	556.9	532.8	50°
52.5°	764.3	736.6	698.2	648.2	596.1	543.9	496.8	453.3	408.4	377.9	361.3	52.5°
55°	576.3	546.4	509.8	464.1	420.3	380.3	344.8	312.0	281.1	258.5	247.0	55°
57.5°	416.3	389.7	361.3	326.8	296.2	266.0	240.9	218.6	198.5	177.9	168.6	57.5°
60°	293.7	274.7	254.9	229.4	208.5	187.0	166.8	150.6	135.9	121.5	115.0	60°
62.5°	204.2	192.0	177.2	160.0	144.5	130.1	116.1	102.8	92.4	81.6	76.9	62.5°
65°	141.7	132.6	123.3	111.1	99.6	88.8	79.5	69.4	61.8	54.3	50.7	65°
67.5°	97.1	91.0	84.5	75.5	67.9	59.3	52.9	46.4	41.7	36.7	33.8	67.5°
70°	65.4	60.8	56.1	50.3	45.7	39.9	35.2	31.3	28.0	25.5	23.4	70°
72.5°	42.4	39.9	37.0	33.4	30.2	26.6	24.4	21.6	19.8	18.0	16.5	72.5°
75°	26.6	25.5	24.1	21.9	20.1	18.0	16.5	15.1	13.7	12.6	11.8	75°
77.5°	16.2	15.8	15.1	14.0	12.9	11.8	11.1	10.1	9.3	9.0	8.3	77.5°
80°	10.1	9.7	9.0	8.6	7.9	7.6	7.2	6.5	6.1	6.1	5.7	80°
82.5°	5.4	5.4	5.0	4.7	4.3	3.9	3.9	3.9	3.6	3.6	3.6	82.5°
85°	2.5	2.5	2.2	2.2	2.2	1.8	1.8	1.8	1.8	1.8	1.8	85°
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90°



NUMBER: P92725

NUMBER: LRC-B16-7-LED-E1-VAT

DISTRIBUTION (continued):

165°	167.5°	170°	172.5°	175°	177.5°	180°
1180.6	1180.6	1180.6	1180.6	1180.6	1180.6	1180.6
1201.1	1200.8	1200.4	1200.4	1200.0	1199.0	1198.6
1235.6	1234.2	1235.2	1234.5	1233.8	1233.5	1234.2
1261.5	1260.8	1261.1	1257.9	1257.6	1255.8	1256.8
1270.1	1269.1	1268.7	1266.5	1265.1	1263.7	1263.3
1272.3	1268.0	1264.7	1262.6	1260.4	1257.9	1255.4
1256.8	1251.1	1246.8	1243.2	1240.6	1238.2	1235.2
1250.0	1243.2	1237.1	1232.7	1230.2	1227.7	1227.0
1240.6	1233.8	1225.2	1220.2	1216.2	1214.4	1213.3
1232.7	1224.5	1215.8	1210.1	1206.5	1203.6	1202.5
1224.1	1214.8	1206.9	1200.4	1195.7	1194.6	1193.2
1203.6	1193.2	1184.2	1175.6	1169.1	1166.2	1163.0
1175.6	1169.1	1162.6	1157.2	1154.0	1151.5	1148.6
1157.2	1154.7	1150.4	1146.8	1143.6	1142.9	1137.1
1167.0	1169.1	1170.5	1173.4	1174.9	1175.6	1175.6
1210.1	1215.8	1219.1	1224.5	1227.3	1227.0	1225.6
1233.8	1236.7	1234.5	1233.1	1234.9	1236.0	1235.6
1165.1	1154.7	1142.9	1133.1	1127.4	1125.6	1124.2
973.9	950.5	929.7	914.2	904.5	899.5	899.1
727.7	702.1	678.7	660.0	649.3	641.7	638.9
501.1	478.1	458.0	444.7	436.1	430.3	428.2
337.6	321.0	309.2	299.1	292.6	289.4	287.6
230.8	218.9	209.9	202.7	198.5	195.6	194.5
157.5	148.5	140.9	135.2	133.0	130.1	129.1
105.0	99.2	93.5	89.9	87.7	85.9	85.6
69.4	65.1	61.8	59.7	57.5	56.4	56.1
46.4	43.5	41.0	39.6	38.5	37.4	37.7
31.3	29.5	27.7	27.0	26.6	25.9	25.9
21.9	20.5	19.8	19.4	19.1	18.7	18.7
15.8	15.1	14.8	14.4	14.0	14.0	14.0
11.1	11.1	10.8	10.4	10.4	10.4	10.4
7.9	7.9	7.6	7.6	7.6	7.6	7.6
5.4	5.4	5.4	5.4	5.4	5.4	5.0
3.6	3.6	3.2	3.2	3.2	3.2	3.2
1.8	1.8	1.8	1.8	1.8	1.8	1.8
0.7	0.7	0.7	0.7	0.7	0.7	0.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)