

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: CORELITE

Report Number: P395764

Luminaire Tested: **I3-UL-60L92765-1D-UNV-W2A-W-4 (3000K)**

Issue Date: 5/6/2020

Test Information

Test Method: LM-79-08
Report Number: P395764
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2001-656-2)
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: I3-UL-60L92765-1D-UNV-W2A-W-4 (3000K)
Description: CORELITE I3, OPEN TOP
6000 LUMENS, VIVIDTUNE TUNABLE WHITE
Light Source: 2700K/6500K CCT, 90 CRI LEDS, TUNED TO 3000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4949.2 lumens
Efficiency: N/A
Efficacy: 113.3 lumens/watt
Spacing Criteria (0/90/45): 1.33 / 1.54 / 1.55
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 3.92' x H: 0.17')
CIE Type: Semi-Indirect

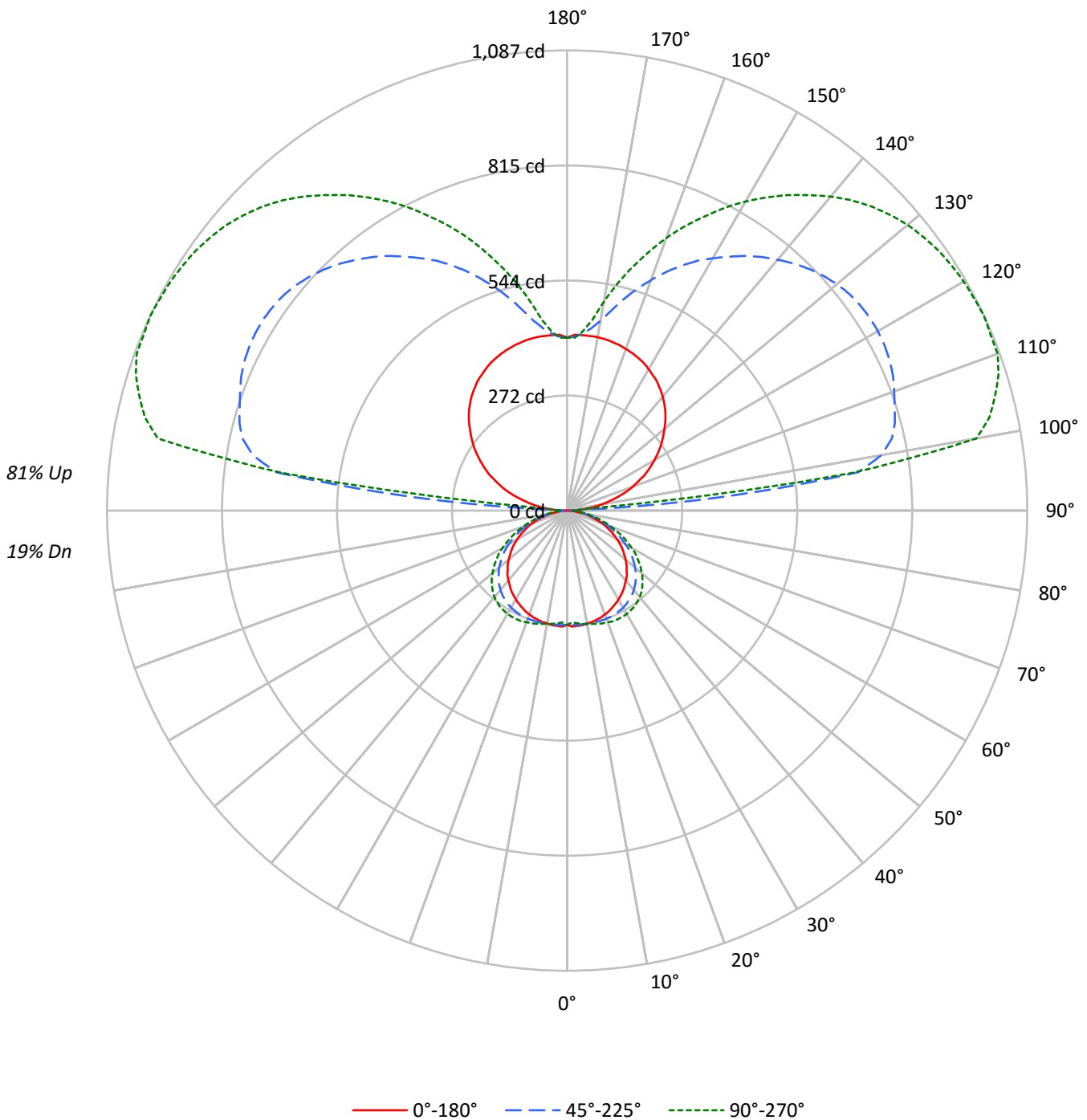
Input Watts (W): 43.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P395764

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (3000K)

Luminous Intensity Polar Plot





TEST NUMBER: P395764

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (3000K)

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20	
RC	80					70					50					30					10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	100	100	100	100	88	88	88	88	66	66	66	46	46	46	28	28	28	19				
1	91	87	83	79	80	76	73	71	58	56	54	40	39	38	24	24	23	16				
2	82	75	69	64	72	67	62	58	50	47	44	35	33	31	21	20	19	13				
3	75	66	59	53	66	58	52	48	44	40	37	31	28	26	19	17	16	11				
4	68	58	51	45	60	51	45	40	39	35	31	27	24	22	16	15	14	9				
5	63	51	44	38	55	46	39	34	35	30	26	24	21	19	15	13	12	8				
6	57	46	38	33	50	41	34	29	31	26	23	22	19	16	13	12	10	7				
7	53	41	34	28	46	37	30	25	28	23	20	20	17	14	12	10	9	6				
8	49	37	30	25	43	33	27	22	25	21	17	18	15	13	11	9	8	5				
9	45	34	26	22	40	30	24	20	23	18	15	16	13	11	10	8	7	5				
10	42	31	24	19	37	27	21	17	21	17	14	15	12	10	9	8	6	4				

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1482	1482	1482
5°	1502	1460	1432
10°	1500	1450	1434
15°	1503	1445	1446
20°	1503	1451	1463
25°	1502	1455	1485
30°	1503	1456	1500
35°	1502	1449	1506
40°	1496	1439	1498
45°	1482	1408	1465
50°	1469	1362	1411
55°	1444	1296	1330
60°	1399	1203	1224
65°	1337	1071	1091
70°	1263	929	921
75°	1096	728	739
80°	872	524	534
85°	518	305	351



TEST NUMBER: P395764

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (3000K)

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.8	0.5
10°-20°	76.9	1.6
20°-30°	123.7	2.5
30°-40°	159.2	3.2
40°-50°	174.9	3.5
50°-60°	164.4	3.3
60°-70°	127.7	2.6
70°-80°	73.3	1.5
80°-90°	23.5	0.5
90°-100°	316.4	6.4
100°-110°	751.8	15.2
110°-120°	755.2	15.3
120°-130°	692.6	14.0
130°-140°	579.1	11.7
140°-150°	434.7	8.8
150°-160°	283.0	5.7
160°-170°	145.7	2.9
170°-180°	41.2	0.8
0°-30°	226.4	4.6
0°-40°	385.7	7.8
0°-60°	724.9	14.6
0°-90°	949.4	19.2
90°-120°	1823.4	36.8
90°-150°	3529.9	71.3
90°-180°	4000.0	80.8
0°-180°	4949.2	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	270	270	270	270	270	
5°	273	271	271	270	267	26
15°	267	266	272	276	277	75
25°	252	255	270	279	283	117
35°	230	237	256	272	277	144
45°	199	209	229	246	251	154
55°	160	168	187	200	205	142
65°	112	118	129	140	144	111
75°	60	62	68	76	78	64
85°	12	15	20	26	27	14
90°	1	4	7	11	12	4
95°	43	354	364	49	42	42
105°	123	474	801	988	1046	130
115°	204	534	840	1022	1087	200
125°	271	557	845	1012	1071	242
135°	328	555	808	960	1016	253
145°	371	532	734	862	910	232
155°	398	488	638	731	766	184
165°	412	440	517	573	595	117
175°	416	415	420	424	424	40
180°	409	409	409	409	409	



TEST NUMBER: P395764

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (3000K)

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	269.6	269.6	269.6	269.6	269.6	269.6	269.6	269.6	269.6	269.6	269.6
2.5°	274.4	273.2	272.0	272.0	270.8	270.8	270.8	269.6	269.6	269.6	270.8
5°	273.2	273.2	272.0	270.8	270.8	270.8	269.6	269.6	269.6	269.6	270.8
7.5°	273.2	272.0	270.8	270.8	269.6	269.6	269.6	269.6	269.6	269.6	270.8
10°	270.8	270.8	269.6	269.6	268.3	269.6	269.6	269.6	269.6	269.6	272.0
12.5°	269.6	269.6	268.3	267.1	267.1	267.1	268.3	268.3	268.3	269.6	272.0
15°	267.1	267.1	265.9	265.9	265.9	265.9	267.1	267.1	268.3	269.6	272.0
17.5°	264.7	264.7	263.5	263.5	263.5	264.7	264.7	265.9	267.1	269.6	272.0
20°	261.0	261.0	261.0	261.0	261.0	262.2	262.2	263.5	265.9	268.3	272.0
22.5°	257.4	257.4	257.4	257.4	257.4	258.6	259.8	262.2	263.5	267.1	270.8
25°	252.5	252.5	252.5	252.5	253.7	254.9	256.1	258.6	261.0	264.7	269.6
27.5°	247.6	248.8	248.8	248.8	250.0	251.3	252.5	254.9	258.6	263.5	267.1
30°	242.7	242.7	242.7	243.9	245.2	246.4	248.8	251.3	254.9	259.8	264.7
32.5°	236.6	236.6	237.8	237.8	240.3	241.5	243.9	247.6	251.3	256.1	261.0
35°	230.5	230.5	230.5	233.0	234.2	236.6	237.8	241.5	246.4	251.3	256.1
37.5°	223.2	224.4	224.4	225.6	228.1	230.5	231.7	236.6	241.5	246.4	251.3
40°	215.9	217.1	217.1	218.3	222.0	223.2	225.6	230.5	234.2	240.3	245.2
42.5°	208.6	208.6	209.8	211.0	214.7	215.9	218.3	223.2	228.1	233.0	237.8
45°	198.8	200.0	201.3	202.5	206.1	208.6	211.0	214.7	219.5	224.4	229.3
47.5°	190.3	190.3	191.5	193.9	197.6	200.0	201.3	206.1	209.8	214.7	219.5
50°	180.5	181.7	181.7	184.2	187.8	190.3	191.5	196.4	200.0	204.9	209.8
52.5°	169.5	170.8	172.0	174.4	178.1	180.5	181.7	185.4	189.1	193.9	197.6
55°	159.8	161.0	161.0	163.4	167.1	168.3	170.8	173.2	178.1	181.7	186.6
57.5°	148.8	150.0	150.0	152.5	154.9	157.3	158.6	162.2	165.9	169.5	173.2
60°	136.6	137.8	139.0	140.3	142.7	145.1	146.4	148.8	152.5	156.1	159.8
62.5°	124.4	125.6	126.9	128.1	130.5	131.7	132.9	136.6	139.0	142.7	145.1
65°	112.2	113.4	114.7	115.9	117.1	118.3	119.5	122.0	124.4	128.1	129.3
67.5°	100.0	101.2	101.2	102.5	103.7	104.9	106.1	108.6	109.8	113.4	114.7
70°	87.8	87.8	87.8	89.0	89.0	90.3	91.5	93.9	95.1	97.6	100.0
72.5°	73.2	74.4	74.4	74.4	75.6	76.8	78.1	79.3	80.5	81.7	84.2
75°	59.8	61.0	59.8	61.0	62.2	62.2	63.4	64.6	65.9	67.1	68.3
77.5°	47.6	46.3	47.6	47.6	48.8	48.8	48.8	50.0	52.4	52.4	54.9
80°	34.2	34.2	34.2	34.2	35.4	35.4	36.6	36.6	39.0	40.3	41.5
82.5°	22.0	22.0	23.2	23.2	23.2	24.4	24.4	25.6	26.8	28.1	29.3
85°	12.2	12.2	12.2	13.4	13.4	14.6	14.6	15.9	17.1	18.3	19.5
87.5°	3.7	4.9	6.1	6.1	7.3	7.3	8.5	8.5	11.0	12.2	13.4
90°	1.2	1.2	2.4	2.4	2.4	3.7	3.7	4.9	4.9	6.1	7.3
92.5°	20.7	48.8	101.2	151.2	130.5	122.0	73.2	22.0	19.5	20.7	20.7
95°	42.7	80.5	147.6	239.1	309.8	353.7	383.0	439.1	496.4	486.7	363.5
97.5°	62.2	103.7	178.1	262.2	359.8	409.8	447.6	514.7	587.9	648.9	692.8
100°	81.7	124.4	203.7	291.5	381.8	426.9	470.8	562.3	634.3	695.2	753.8
102.5°	102.5	145.1	226.9	318.3	407.4	451.3	494.0	574.5	655.0	728.2	785.5
105°	123.2	167.1	247.6	341.5	430.6	474.5	515.9	592.8	667.2	735.5	801.4
107.5°	145.1	186.6	265.9	359.8	448.9	492.8	534.2	611.1	683.0	751.3	811.1
110°	164.7	204.9	284.2	376.9	465.9	509.8	551.3	628.2	698.9	763.5	822.1



TEST NUMBER: P395764

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (3000K)

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	183.0	222.0	301.3	391.5	479.3	523.3	563.5	640.4	711.1	774.5	833.1
115°	203.7	237.8	318.3	404.9	491.5	534.2	574.5	650.1	720.9	783.1	840.4
117.5°	220.8	253.7	333.0	415.9	501.3	542.8	581.8	657.4	727.0	789.2	845.3
120°	237.8	268.3	346.4	425.7	508.6	548.9	587.9	662.3	731.8	792.8	847.7
122.5°	254.9	283.0	357.4	435.4	514.7	555.0	592.8	666.0	734.3	794.0	847.7
125°	270.8	295.2	367.1	442.8	518.4	557.4	594.0	666.0	733.0	791.6	845.3
127.5°	285.4	308.6	374.5	450.1	520.8	558.6	594.0	663.5	730.6	787.9	840.4
130°	300.0	320.8	381.8	453.7	523.3	557.4	591.6	658.6	724.5	781.8	831.8
132.5°	314.7	334.2	387.9	457.4	524.5	557.4	589.1	653.8	717.2	773.3	820.9
135°	328.1	344.0	394.0	459.8	523.3	555.0	584.2	645.2	706.2	761.1	807.5
137.5°	340.3	353.7	398.8	461.1	522.0	551.3	580.6	635.5	692.8	746.5	791.6
140°	351.3	363.5	401.3	461.1	517.2	546.4	573.3	625.7	678.2	729.4	773.3
142.5°	361.0	372.0	404.9	458.6	512.3	540.3	565.9	616.0	663.5	712.3	755.0
145°	370.8	379.3	407.4	457.4	506.2	531.8	556.2	603.8	650.1	694.0	734.3
147.5°	378.1	386.6	409.8	452.5	498.9	522.0	545.2	590.3	633.0	674.5	711.1
150°	385.4	392.7	411.0	447.6	490.3	511.1	531.8	574.5	616.0	653.8	687.9
152.5°	392.7	397.6	414.7	442.8	480.6	500.1	520.8	558.6	596.4	631.8	664.7
155°	397.6	401.3	415.9	437.9	470.8	487.9	505.0	540.3	574.5	607.4	637.9
157.5°	402.5	406.2	417.1	434.2	459.8	475.7	490.3	520.8	552.5	581.8	609.9
160°	406.2	408.6	417.1	431.8	450.1	461.1	474.5	502.5	529.4	555.0	579.4
162.5°	409.8	411.0	417.1	428.1	441.5	448.9	458.6	480.6	505.0	526.9	548.9
165°	412.3	413.5	417.1	425.7	434.2	440.3	445.2	461.1	479.3	498.9	517.2
167.5°	414.7	414.7	417.1	423.2	428.1	431.8	435.4	444.0	456.2	470.8	484.2
170°	415.9	415.9	417.1	420.8	424.5	425.7	428.1	433.0	439.1	446.4	455.0
172.5°	415.9	415.9	415.9	418.4	419.6	419.6	419.6	422.0	425.7	430.6	434.2
175°	415.9	414.7	414.7	415.9	414.7	414.7	414.7	414.7	415.9	418.4	419.6
177.5°	415.9	414.7	413.5	413.5	412.3	412.3	411.0	411.0	411.0	411.0	411.0
180°	408.6	408.6	408.6	408.6	408.6	408.6	408.6	408.6	408.6	408.6	408.6



TEST NUMBER: P395764

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (3000K)

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	269.6	269.6	269.6	269.6	269.6	269.6	269.6	269.6	269.6	269.6
2.5°	270.8	270.8	269.6	268.3	268.3	268.3	267.1	265.9	264.7	264.7
5°	270.8	270.8	269.6	269.6	269.6	269.6	268.3	268.3	267.1	267.1
7.5°	272.0	270.8	270.8	270.8	270.8	270.8	270.8	270.8	269.6	269.6
10°	272.0	272.0	272.0	272.0	272.0	272.0	272.0	272.0	272.0	272.0
12.5°	273.2	273.2	273.2	273.2	274.4	274.4	274.4	274.4	274.4	274.4
15°	273.2	274.4	275.7	275.7	275.7	276.9	276.9	276.9	276.9	276.9
17.5°	274.4	275.7	276.9	276.9	278.1	278.1	279.3	279.3	279.3	279.3
20°	274.4	275.7	276.9	278.1	279.3	279.3	280.5	281.8	281.8	280.5
22.5°	273.2	275.7	276.9	278.1	279.3	280.5	281.8	283.0	283.0	283.0
25°	272.0	274.4	276.9	279.3	279.3	280.5	283.0	283.0	283.0	283.0
27.5°	270.8	273.2	275.7	278.1	279.3	280.5	281.8	283.0	283.0	283.0
30°	268.3	272.0	274.4	276.9	278.1	279.3	280.5	281.8	281.8	281.8
32.5°	264.7	268.3	270.8	274.4	275.7	276.9	278.1	279.3	279.3	279.3
35°	261.0	264.7	267.1	270.8	272.0	273.2	275.7	275.7	276.9	276.9
37.5°	254.9	259.8	262.2	265.9	267.1	268.3	270.8	272.0	272.0	272.0
40°	248.8	253.7	256.1	259.8	261.0	262.2	264.7	265.9	267.1	267.1
42.5°	241.5	246.4	248.8	252.5	253.7	254.9	257.4	258.6	259.8	259.8
45°	234.2	237.8	240.3	243.9	246.4	246.4	248.8	250.0	251.3	251.3
47.5°	224.4	228.1	230.5	234.2	236.6	237.8	239.1	240.3	241.5	241.5
50°	213.5	217.1	220.8	223.2	225.6	225.6	228.1	229.3	230.5	230.5
52.5°	202.5	204.9	208.6	212.2	213.5	214.7	215.9	217.1	218.3	218.3
55°	190.3	192.7	196.4	198.8	200.0	201.3	202.5	203.7	204.9	204.9
57.5°	176.9	179.3	183.0	185.4	186.6	187.8	189.1	190.3	191.5	191.5
60°	162.2	164.7	168.3	170.8	172.0	172.0	174.4	175.6	175.6	175.6
62.5°	147.6	150.0	152.5	154.9	156.1	157.3	158.6	159.8	159.8	159.8
65°	132.9	135.4	137.8	139.0	140.3	140.3	141.5	142.7	143.9	143.9
67.5°	117.1	119.5	122.0	123.2	124.4	124.4	125.6	126.9	126.9	126.9
70°	101.2	102.5	104.9	106.1	107.3	107.3	109.8	109.8	109.8	109.8
72.5°	85.4	86.6	89.0	90.3	91.5	91.5	92.7	93.9	93.9	93.9
75°	70.7	72.0	73.2	75.6	75.6	75.6	76.8	78.1	78.1	78.1
77.5°	56.1	57.3	58.5	59.8	61.0	61.0	62.2	63.4	63.4	63.4
80°	42.7	43.9	45.1	46.3	46.3	47.6	47.6	48.8	48.8	48.8
82.5°	30.5	31.7	32.9	34.2	35.4	35.4	36.6	37.8	37.8	36.6
85°	20.7	23.2	24.4	25.6	25.6	25.6	26.8	28.1	28.1	26.8
87.5°	14.6	14.6	15.9	17.1	17.1	18.3	18.3	19.5	19.5	19.5
90°	8.5	8.5	9.8	9.8	11.0	11.0	11.0	12.2	12.2	12.2
92.5°	20.7	20.7	22.0	22.0	22.0	22.0	23.2	23.2	23.2	23.2
95°	222.0	100.0	84.2	51.2	48.8	42.7	41.5	42.7	42.7	41.5
97.5°	745.2	797.7	830.6	846.5	827.0	806.2	783.1	779.4	747.7	676.9
100°	803.8	845.3	885.5	913.6	924.5	934.3	956.3	969.7	975.8	981.9
102.5°	833.1	877.0	912.3	947.7	962.4	975.8	995.3	1011.1	1017.2	1022.1
105°	858.7	903.8	942.8	974.6	988.0	1000.2	1019.7	1034.3	1045.3	1046.5
107.5°	864.8	912.3	956.3	995.3	1011.1	1024.6	1047.7	1058.7	1068.5	1068.5
110°	875.8	920.9	961.1	996.5	1012.4	1028.2	1052.6	1069.7	1079.4	1081.9



TEST NUMBER: P395764

CATALOG NUMBER: I3-UL-60L92765-1D-UNV-W2A-W-4 (3000K)

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	884.3	930.6	968.5	1003.8	1017.2	1031.9	1055.1	1070.9	1079.4	1083.1
115°	891.6	936.7	974.6	1007.5	1022.1	1036.8	1059.9	1073.3	1083.1	1086.8
117.5°	896.5	940.4	978.2	1008.7	1024.6	1036.8	1058.7	1073.3	1083.1	1084.3
120°	897.7	941.6	978.2	1008.7	1022.1	1035.5	1057.5	1072.1	1081.9	1081.9
122.5°	897.7	940.4	977.0	1006.3	1018.5	1030.7	1051.4	1068.5	1077.0	1077.0
125°	892.8	935.5	970.9	1000.2	1012.4	1023.3	1045.3	1061.2	1069.7	1070.9
127.5°	885.5	927.0	962.4	991.6	1003.8	1013.6	1036.8	1051.4	1059.9	1061.2
130°	875.8	917.2	951.4	979.4	991.6	1002.6	1022.1	1038.0	1047.7	1050.2
132.5°	864.8	903.8	938.0	964.8	977.0	986.7	1006.3	1022.1	1030.7	1034.3
135°	851.4	888.0	920.9	947.7	959.9	969.7	988.0	1003.8	1012.4	1016.0
137.5°	834.3	869.7	901.4	928.2	939.2	948.9	967.2	981.9	989.2	994.1
140°	814.8	847.7	880.6	905.0	916.0	925.8	941.6	957.5	964.8	968.5
142.5°	794.0	827.0	856.2	880.6	890.4	900.1	916.0	930.6	938.0	939.2
145°	772.1	803.8	830.6	853.8	862.3	872.1	886.7	901.4	908.7	909.9
147.5°	747.7	777.0	802.6	824.5	834.3	841.6	855.0	868.4	875.8	877.0
150°	719.6	746.5	769.6	791.6	800.1	807.5	822.1	834.3	841.6	842.8
152.5°	692.8	718.4	737.9	757.4	766.0	773.3	785.5	797.7	805.0	806.2
155°	664.7	687.9	707.4	723.3	730.6	737.9	747.7	758.7	764.8	766.0
157.5°	635.5	657.4	674.5	689.1	696.5	702.6	711.1	720.9	724.5	727.0
160°	603.8	622.1	636.7	651.3	657.4	663.5	672.1	679.4	684.3	685.5
162.5°	569.6	585.5	597.7	611.1	614.7	619.6	628.2	635.5	639.1	640.4
165°	534.2	548.9	559.8	570.8	573.3	576.9	583.0	590.3	592.8	595.2
167.5°	498.9	511.1	518.4	528.1	531.8	534.2	540.3	545.2	547.7	548.9
170°	464.7	473.2	479.3	486.7	487.9	491.5	495.2	500.1	501.3	501.3
172.5°	437.9	441.5	445.2	447.6	448.9	450.1	452.5	453.7	453.7	453.7
175°	420.8	423.2	423.2	424.5	424.5	424.5	424.5	424.5	424.5	424.5
177.5°	411.0	411.0	411.0	409.8	409.8	409.8	409.8	408.6	408.6	408.6
180°	408.6	408.6	408.6	408.6	408.6	408.6	408.6	408.6	408.6	408.6

(END OF REPORT)