

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: P395608

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

Issue Date: 5/6/2020

Test Information

Test Method: LM-79-08
Report Number: P395608
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2001-656-4)
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: I3-FL-60L92765-1D-UNV-W2A-W-4 (3000K)
Description: CORELITE I3, FROSTED TOP COVER
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: 4473.0 lumens
Efficiency: N/A
Efficacy: 102.4 lumens/watt
Spacing Criteria (0/90/45): 1.31 / 1.43 / 1.49
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 3.92' x H: 0.17')
CIE Type: Semi-Indirect

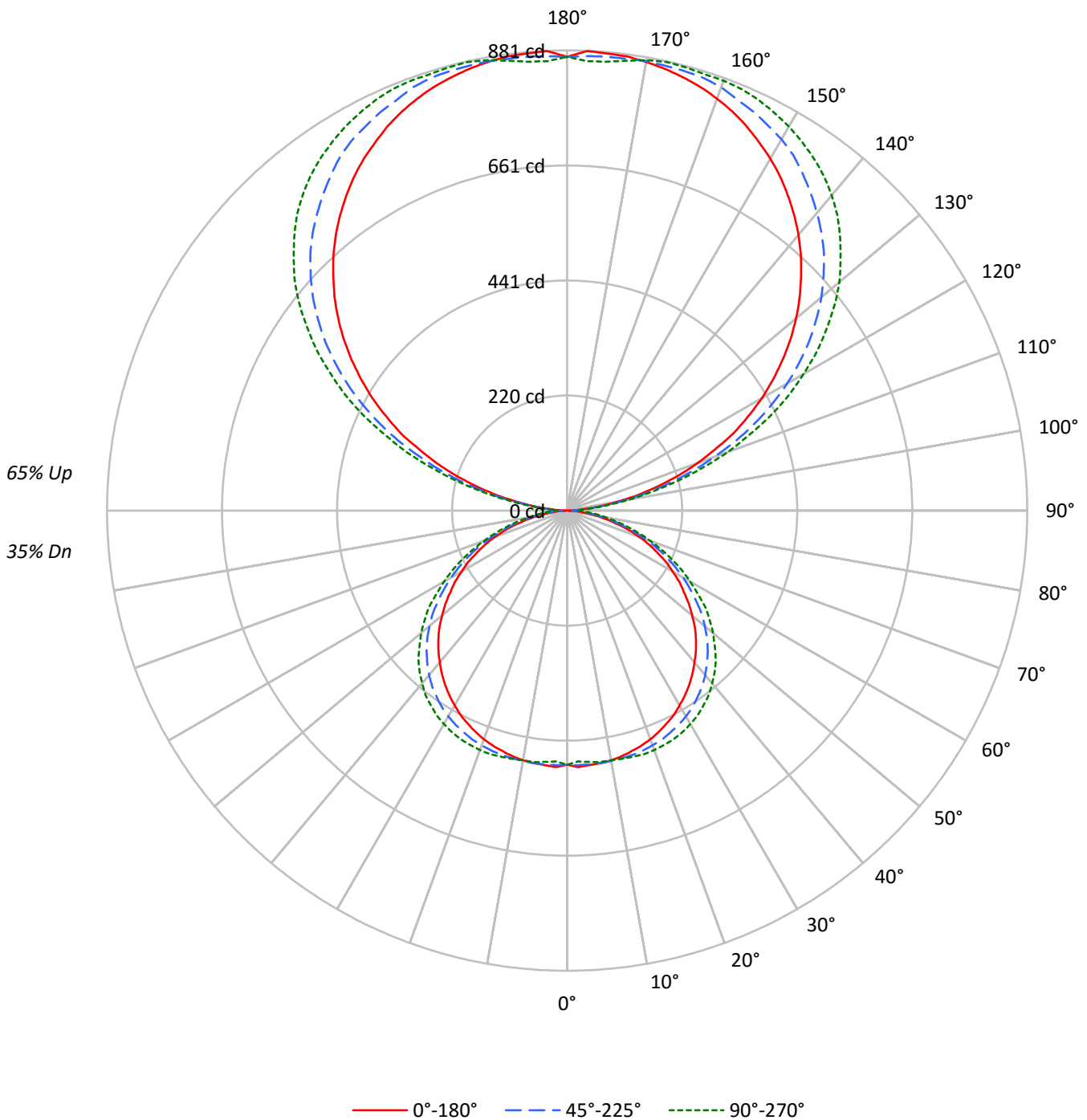
Input Watts (W): 43.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P395608

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

Luminous Intensity Polar Plot





TEST NUMBER: P395608

CATALOG NUMBER: I3-FL-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	0
RCR																		
0	104	104	104	104	94	94	94	94	75	75	75	58	58	58	43	43	43	35
1	94	90	86	83	85	81	78	75	66	63	61	51	49	48	37	36	36	29
2	86	78	72	67	77	71	66	61	57	53	50	44	42	40	33	31	30	24
3	78	69	61	55	70	62	56	51	50	46	42	39	36	33	29	27	25	20
4	71	60	53	47	64	55	48	43	44	39	35	35	31	28	25	23	21	17
5	65	54	46	40	59	49	42	36	39	34	30	31	27	24	23	20	18	15
6	60	48	40	34	54	44	37	31	35	30	26	28	24	21	21	18	16	13
7	55	43	35	30	50	39	32	27	32	27	23	25	21	18	19	16	14	11
8	51	39	31	26	46	35	29	24	29	24	20	23	19	16	17	14	13	10
9	47	35	28	23	43	32	26	21	26	21	18	21	17	15	16	13	11	9
10	44	32	25	20	40	30	23	19	24	19	16	19	16	13	14	12	10	8

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2675	2675	2675
5°	2689	2631	2589
10°	2690	2595	2559
15°	2683	2572	2549
20°	2684	2550	2545
25°	2677	2527	2535
30°	2667	2504	2513
35°	2655	2464	2475
40°	2628	2412	2421
45°	2601	2337	2347
50°	2542	2234	2232
55°	2468	2093	2098
60°	2386	1929	1896
65°	2268	1728	1684
70°	2106	1473	1422
75°	1833	1171	1131
80°	1431	832	828
85°	776	476	544



TEST NUMBER: P395608

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

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.4	1.0
10°-20°	136.5	3.1
20°-30°	215.2	4.8
30°-40°	270.5	6.0
40°-50°	290.8	6.5
50°-60°	267.5	6.0
60°-70°	205.0	4.6
70°-80°	116.7	2.6
80°-90°	36.5	0.8
90°-100°	48.7	1.1
100°-110°	212.0	4.7
110°-120°	388.1	8.7
120°-130°	500.2	11.2
130°-140°	532.3	11.9
140°-150°	489.7	10.9
150°-160°	388.0	8.7
160°-170°	245.7	5.5
170°-180°	83.2	1.9
0°-30°	398.1	8.9
0°-40°	668.6	14.9
0°-60°	1227.0	27.4
0°-90°	1585.1	35.4
90°-120°	648.8	14.5
90°-150°	2171.0	48.5
90°-180°	2888.0	64.6
0°-180°	4473.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	487	487	487	487	487	
5°	489	484	488	486	483	47
15°	477	474	484	488	488	135
25°	450	451	468	479	483	208
35°	407	412	436	450	455	255
45°	349	357	381	396	402	269
55°	273	284	301	317	323	245
65°	190	196	209	218	222	189
75°	100	102	110	116	120	106
85°	18	23	30	39	42	23
90°	1	4	11	16	18	3
95°	33	32	35	40	42	41
105°	179	188	202	215	218	191
115°	352	368	398	418	429	346
125°	504	526	566	594	606	450
135°	633	654	695	724	739	489
145°	737	753	787	810	823	461
155°	812	822	843	860	867	374
165°	859	859	871	877	878	243
175°	878	872	872	868	862	84
180°	868	868	868	868	868	



TEST NUMBER: P395608

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

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	486.7	486.7	486.7	486.7	486.7	486.7	486.7	486.7	486.7	486.7	486.7
2.5°	491.6	490.3	489.1	486.7	486.7	485.5	485.5	485.5	485.5	486.7	487.9
5°	489.1	489.1	487.9	485.5	485.5	484.2	484.2	485.5	484.2	485.5	487.9
7.5°	487.9	487.9	486.7	484.2	484.2	484.2	484.2	484.2	484.2	485.5	487.9
10°	485.5	485.5	483.0	481.8	481.8	481.8	481.8	483.0	483.0	484.2	486.7
12.5°	481.8	480.6	479.4	478.2	478.2	478.2	479.4	480.6	480.6	483.0	485.5
15°	476.9	476.9	475.7	474.5	474.5	474.5	475.7	476.9	478.2	480.6	484.2
17.5°	472.1	472.1	470.8	470.8	470.8	470.8	472.1	473.3	475.7	478.2	481.8
20°	466.0	466.0	464.7	464.7	464.7	466.0	466.0	468.4	470.8	474.5	478.2
22.5°	458.6	458.6	458.6	457.4	458.6	459.9	461.1	463.5	466.0	469.6	474.5
25°	450.1	450.1	450.1	450.1	451.3	451.3	453.8	456.2	458.6	463.5	468.4
27.5°	441.6	441.6	441.6	440.3	442.8	444.0	445.2	448.9	451.3	457.4	462.3
30°	430.6	430.6	430.6	431.8	433.0	434.2	436.7	440.3	442.8	448.9	455.0
32.5°	419.6	419.6	419.6	419.6	423.3	424.5	425.7	429.4	434.2	440.3	446.4
35°	407.4	407.4	407.4	408.6	411.1	412.3	414.7	418.4	423.3	429.4	435.5
37.5°	394.0	395.2	395.2	396.4	398.9	401.3	403.7	407.4	412.3	418.4	424.5
40°	379.3	380.6	380.6	381.8	384.2	386.7	389.1	394.0	398.9	405.0	411.1
42.5°	364.7	365.9	365.9	368.4	370.8	373.3	375.7	380.6	385.4	391.5	396.4
45°	348.9	350.1	350.1	352.5	356.2	357.4	361.1	365.9	370.8	375.7	380.6
47.5°	331.8	333.0	333.0	335.4	339.1	341.5	344.0	348.9	352.5	358.6	363.5
50°	312.3	313.5	314.7	317.1	322.0	324.5	326.9	330.6	335.4	339.1	344.0
52.5°	294.0	294.0	295.2	297.6	301.3	303.7	304.9	308.6	314.7	319.6	324.5
55°	273.2	274.4	275.7	278.1	281.8	284.2	285.4	289.1	292.7	296.4	301.3
57.5°	254.9	254.9	256.2	258.6	262.3	263.5	264.7	267.1	272.0	275.7	279.3
60°	233.0	234.2	235.4	237.9	240.3	242.7	242.7	246.4	250.1	253.7	256.2
62.5°	213.5	213.5	214.7	217.1	218.3	220.8	220.8	224.4	226.9	230.5	233.0
65°	190.3	191.5	192.7	193.9	196.4	196.4	197.6	200.0	202.5	204.9	208.6
67.5°	169.5	169.5	170.8	172.0	173.2	173.2	174.4	176.9	179.3	181.7	184.2
70°	146.4	147.6	147.6	147.6	148.8	150.0	151.3	152.5	154.9	156.1	158.6
72.5°	123.2	123.2	124.4	124.4	125.6	126.9	128.1	129.3	130.5	133.0	134.2
75°	100.0	100.0	101.2	101.2	102.5	102.5	102.5	104.9	106.1	108.6	109.8
77.5°	76.8	78.1	78.1	78.1	79.3	80.5	80.5	81.7	84.2	85.4	86.6
80°	56.1	56.1	56.1	56.1	57.3	58.5	59.8	59.8	62.2	64.6	65.9
82.5°	35.4	35.4	36.6	37.8	37.8	39.0	40.3	41.5	43.9	45.1	46.4
85°	18.3	18.3	19.5	20.7	22.0	23.2	23.2	24.4	26.8	29.3	30.5
87.5°	6.1	7.3	7.3	8.5	9.8	11.0	12.2	13.4	15.9	18.3	19.5
90°	1.2	1.2	1.2	2.4	3.7	3.7	4.9	6.1	7.3	8.5	11.0
92.5°	11.0	11.0	9.8	11.0	11.0	11.0	11.0	12.2	13.4	13.4	15.9
95°	32.9	31.7	31.7	31.7	31.7	31.7	31.7	32.9	34.2	34.2	35.4
97.5°	63.4	63.4	62.2	62.2	63.4	63.4	63.4	64.6	67.1	65.9	68.3
100°	98.8	98.8	97.6	98.8	100.0	101.2	103.7	103.7	106.1	106.1	109.8
102.5°	139.1	139.1	137.8	140.3	141.5	143.9	143.9	146.4	150.0	150.0	154.9
105°	179.3	180.5	180.5	183.0	185.4	187.8	187.8	191.5	196.4	196.4	202.5
107.5°	223.2	224.4	224.4	226.9	229.3	231.8	233.0	237.9	242.7	244.0	251.3
110°	265.9	267.1	268.3	270.8	273.2	276.9	279.3	284.2	290.3	292.7	298.8



TEST NUMBER: P395608

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

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	306.2	311.0	312.3	315.9	319.6	323.2	325.7	331.8	339.1	342.8	350.1
115°	352.5	355.0	356.2	359.8	364.7	368.4	370.8	376.9	384.2	389.1	397.6
117.5°	390.3	396.4	397.6	401.3	406.2	409.8	412.3	419.6	428.1	434.2	442.8
120°	430.6	435.5	440.3	442.8	446.4	451.3	453.8	461.1	470.8	476.9	486.7
122.5°	467.2	472.1	476.9	480.6	485.5	487.9	491.6	500.1	509.9	517.2	526.9
125°	503.8	509.9	513.5	517.2	523.3	525.7	529.4	537.9	547.7	556.2	566.0
127.5°	539.1	542.8	548.9	551.3	557.4	559.9	563.5	573.3	583.1	591.6	601.3
130°	572.1	577.0	581.8	583.1	590.4	594.0	597.7	606.2	617.2	625.7	635.5
132.5°	603.8	606.2	612.3	616.0	622.1	625.7	629.4	636.7	647.7	656.2	666.0
135°	633.1	635.5	642.8	646.5	650.1	653.8	658.7	666.0	677.0	685.5	695.3
137.5°	662.3	664.8	672.1	675.8	678.2	681.9	685.5	692.8	703.8	712.3	720.9
140°	689.2	691.6	696.5	701.4	703.8	706.2	709.9	717.2	727.0	735.5	744.1
142.5°	713.6	716.0	720.9	725.8	729.4	729.4	733.1	739.2	750.2	758.7	766.0
145°	736.7	738.0	742.8	747.7	752.6	752.6	753.8	759.9	769.7	779.4	786.8
147.5°	758.7	759.9	763.6	768.5	772.1	773.3	775.8	778.2	788.0	797.7	806.3
150°	778.2	779.4	781.9	786.8	789.2	791.6	794.1	795.3	802.6	811.1	820.9
152.5°	795.3	796.5	799.0	802.6	805.0	807.5	809.9	813.6	817.2	825.8	831.9
155°	812.4	813.6	814.8	818.5	820.9	822.1	823.3	828.2	831.9	836.8	842.9
157.5°	827.0	827.0	828.2	830.7	833.1	833.1	834.3	839.2	842.9	847.7	851.4
160°	839.2	839.2	840.4	842.9	842.9	844.1	845.3	849.0	851.4	857.5	862.4
162.5°	850.2	849.0	850.2	851.4	851.4	851.4	852.6	855.1	858.7	863.6	868.5
165°	858.7	858.7	858.7	859.9	859.9	858.7	858.7	861.2	863.6	867.3	870.9
167.5°	866.0	866.0	864.8	866.0	864.8	864.8	863.6	864.8	866.0	869.7	872.1
170°	872.1	870.9	870.9	870.9	869.7	868.5	868.5	868.5	868.5	870.9	873.4
172.5°	877.0	875.8	874.6	874.6	872.1	870.9	870.9	869.7	869.7	870.9	872.1
175°	878.2	877.0	875.8	875.8	873.4	872.1	870.9	870.9	869.7	870.9	872.1
177.5°	880.7	879.5	877.0	877.0	874.6	872.1	872.1	870.9	869.7	870.9	870.9
180°	868.5	868.5	868.5	868.5	868.5	868.5	868.5	868.5	868.5	868.5	868.5



TEST NUMBER: P395608

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

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
0°	486.7	486.7	486.7	486.7	486.7	486.7	486.7	486.7	486.7	486.7
2.5°	489.1	489.1	487.9	486.7	486.7	485.5	484.2	483.0	481.8	480.6
5°	489.1	487.9	486.7	486.7	485.5	485.5	485.5	484.2	483.0	483.0
7.5°	489.1	489.1	487.9	486.7	486.7	486.7	486.7	486.7	485.5	485.5
10°	489.1	487.9	487.9	487.9	486.7	487.9	487.9	486.7	486.7	485.5
12.5°	487.9	487.9	487.9	487.9	487.9	487.9	487.9	487.9	487.9	486.7
15°	485.5	486.7	486.7	487.9	487.9	487.9	489.1	489.1	487.9	487.9
17.5°	484.2	485.5	486.7	487.9	487.9	487.9	489.1	489.1	489.1	489.1
20°	481.8	483.0	484.2	485.5	485.5	486.7	486.7	487.9	487.9	487.9
22.5°	476.9	478.2	480.6	481.8	483.0	484.2	485.5	485.5	485.5	485.5
25°	472.1	474.5	475.7	478.2	479.4	480.6	481.8	481.8	481.8	483.0
27.5°	466.0	468.4	472.1	473.3	474.5	475.7	476.9	478.2	478.2	478.2
30°	458.6	462.3	464.7	467.2	468.4	469.6	470.8	470.8	472.1	472.1
32.5°	450.1	453.8	456.2	458.6	459.9	461.1	463.5	463.5	464.7	464.7
35°	439.1	442.8	446.4	448.9	450.1	451.3	453.8	455.0	455.0	455.0
37.5°	428.1	431.8	435.5	439.1	440.3	441.6	444.0	444.0	445.2	445.2
40°	414.7	418.4	422.0	425.7	425.7	428.1	429.4	430.6	431.8	431.8
42.5°	401.3	405.0	407.4	411.1	412.3	413.5	414.7	417.2	417.2	418.4
45°	385.4	389.1	391.5	395.2	396.4	397.6	400.1	401.3	402.5	402.5
47.5°	368.4	370.8	373.3	376.9	379.3	380.6	381.8	383.0	384.2	383.0
50°	348.9	351.3	355.0	358.6	359.8	361.1	363.5	363.5	364.7	364.7
52.5°	328.1	331.8	334.2	337.9	339.1	340.3	342.8	342.8	344.0	344.0
55°	304.9	307.4	309.8	315.9	317.1	318.4	320.8	320.8	322.0	323.2
57.5°	283.0	284.2	287.9	290.3	292.7	292.7	294.0	295.2	296.4	296.4
60°	259.8	261.0	263.5	267.1	267.1	268.3	270.8	270.8	272.0	272.0
62.5°	235.4	237.9	240.3	244.0	242.7	244.0	246.4	246.4	247.6	247.6
65°	211.0	212.2	214.7	217.1	218.3	218.3	219.6	220.8	222.0	222.0
67.5°	185.4	187.8	189.1	192.7	191.5	192.7	193.9	193.9	195.2	195.2
70°	161.0	162.2	164.7	165.9	165.9	167.1	168.3	168.3	168.3	169.5
72.5°	136.6	137.8	139.1	140.3	140.3	141.5	142.7	142.7	143.9	143.9
75°	111.0	113.4	114.7	117.1	115.9	117.1	119.5	119.5	119.5	119.5
77.5°	89.0	90.3	92.7	93.9	93.9	93.9	96.4	95.1	96.4	96.4
80°	67.1	68.3	70.7	72.0	72.0	73.2	74.4	74.4	74.4	75.6
82.5°	47.6	50.0	52.5	53.7	53.7	54.9	56.1	56.1	57.3	57.3
85°	32.9	35.4	37.8	37.8	39.0	40.3	41.5	41.5	41.5	41.5
87.5°	22.0	23.2	24.4	25.6	26.8	26.8	28.1	28.1	29.3	29.3
90°	12.2	13.4	14.6	15.9	15.9	17.1	17.1	18.3	18.3	18.3
92.5°	17.1	17.1	18.3	19.5	19.5	19.5	19.5	20.7	20.7	20.7
95°	36.6	37.8	37.8	40.3	40.3	40.3	41.5	41.5	41.5	41.5
97.5°	70.7	70.7	70.7	73.2	73.2	73.2	74.4	74.4	74.4	75.6
100°	111.0	112.2	112.2	115.9	114.7	117.1	117.1	117.1	117.1	118.3
102.5°	156.1	158.6	159.8	163.4	163.4	163.4	165.9	164.7	165.9	165.9
105°	204.9	207.4	208.6	212.2	214.7	214.7	217.1	215.9	217.1	218.3
107.5°	253.7	257.4	259.8	263.5	265.9	267.1	267.1	268.3	269.6	270.8
110°	303.7	307.4	313.5	317.1	318.4	320.8	322.0	323.2	324.5	326.9



TEST NUMBER: P395608

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

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°
112.5°	356.2	359.8	364.7	369.6	368.4	372.0	374.5	375.7	376.9	375.7
115°	403.7	408.6	413.5	418.4	418.4	420.8	425.7	426.9	426.9	429.4
117.5°	448.9	455.0	459.9	464.7	466.0	468.4	472.1	475.7	475.7	478.2
120°	492.8	500.1	505.0	509.9	512.3	513.5	517.2	522.1	522.1	522.1
122.5°	534.3	540.4	546.5	551.3	553.8	556.2	558.7	564.8	564.8	567.2
125°	573.3	580.6	586.7	591.6	594.0	596.5	601.3	605.0	606.2	606.2
127.5°	609.9	617.2	623.3	629.4	630.6	633.1	637.9	642.8	644.0	645.3
130°	644.0	651.4	657.5	663.6	666.0	667.2	673.3	677.0	679.4	680.6
132.5°	674.5	681.9	688.0	694.1	696.5	698.9	702.6	708.7	709.9	709.9
135°	702.6	709.9	716.0	723.3	724.5	727.0	731.9	735.5	738.0	739.2
137.5°	728.2	735.5	742.8	748.9	751.4	752.6	757.5	762.4	764.8	766.0
140°	751.4	758.7	766.0	770.9	772.1	775.8	779.4	784.3	786.8	788.0
142.5°	773.3	779.4	785.5	791.6	792.9	795.3	799.0	803.8	806.3	807.5
145°	792.9	799.0	803.8	808.7	809.9	812.4	816.0	819.7	822.1	823.3
147.5°	811.1	816.0	820.9	824.6	825.8	828.2	830.7	833.1	835.5	836.8
150°	827.0	829.4	834.3	836.8	838.0	840.4	842.9	845.3	847.7	849.0
152.5°	839.2	842.9	845.3	849.0	850.2	851.4	853.8	856.3	858.7	858.7
155°	849.0	852.6	855.1	858.7	859.9	861.2	863.6	864.8	867.3	867.3
157.5°	856.3	859.9	862.4	864.8	866.0	867.3	868.5	870.9	873.4	873.4
160°	864.8	866.0	867.3	869.7	869.7	870.9	872.1	873.4	875.8	875.8
162.5°	872.1	873.4	870.9	872.1	870.9	872.1	873.4	874.6	875.8	875.8
165°	874.6	877.0	875.8	877.0	877.0	877.0	877.0	878.2	878.2	878.2
167.5°	874.6	877.0	875.8	875.8	877.0	877.0	878.2	879.5	879.5	879.5
170°	874.6	875.8	874.6	873.4	874.6	874.6	874.6	875.8	875.8	875.8
172.5°	873.4	874.6	872.1	870.9	870.9	870.9	869.7	869.7	868.5	868.5
175°	872.1	872.1	869.7	868.5	868.5	868.5	866.0	864.8	863.6	862.4
177.5°	870.9	870.9	867.3	866.0	866.0	864.8	864.8	862.4	862.4	861.2
180°	868.5	868.5	868.5	868.5	868.5	868.5	868.5	868.5	868.5	868.5

(END OF REPORT)