

clex24.ies

[TESTLAB]Intertek

[ISSUEDATE] 1/28/2011

[MANUFAC]INFINILUX, INC.

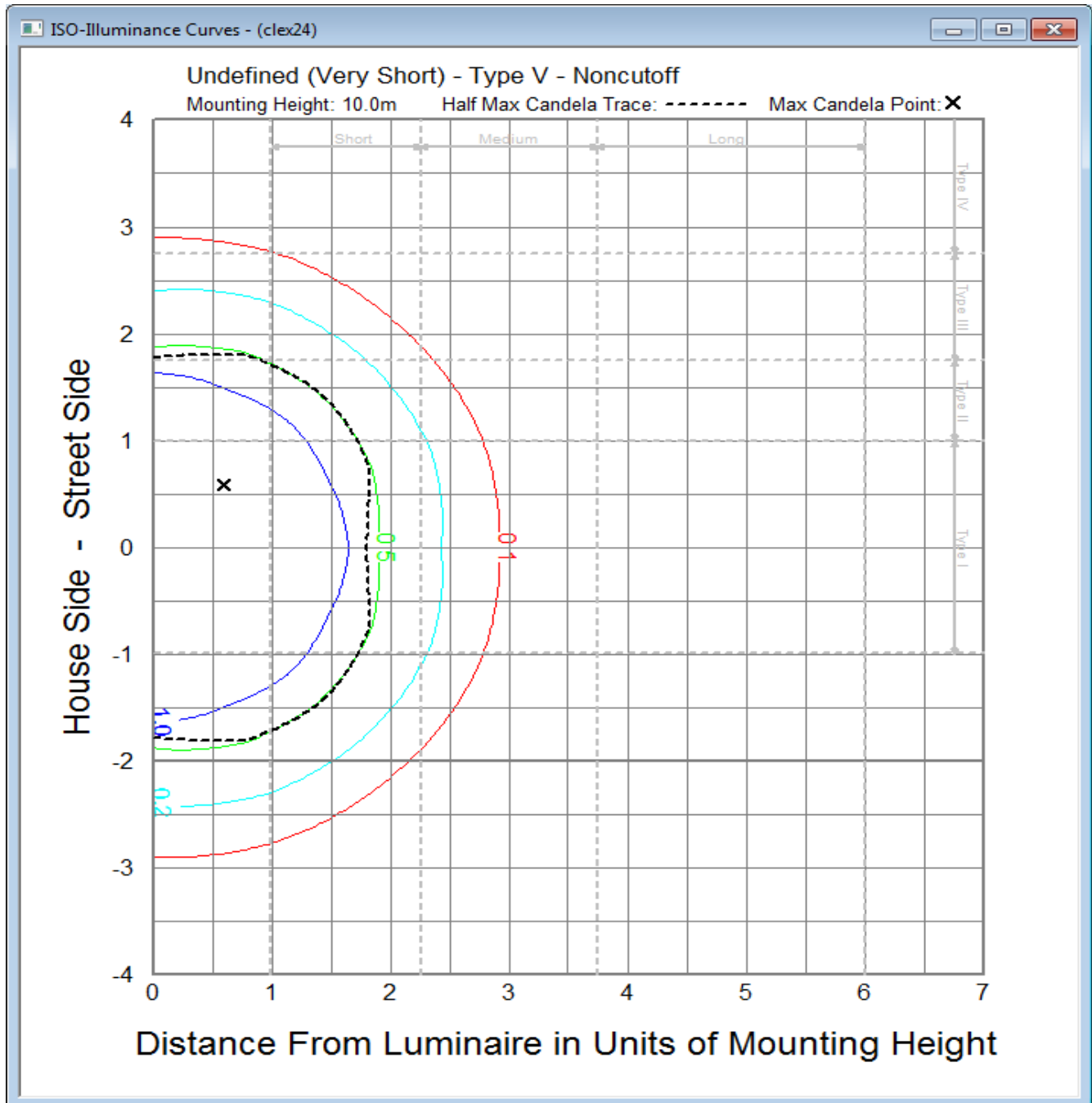
[LUMCAT]CLex24

[LUMINAIRE]LED LOW BAY LAMP

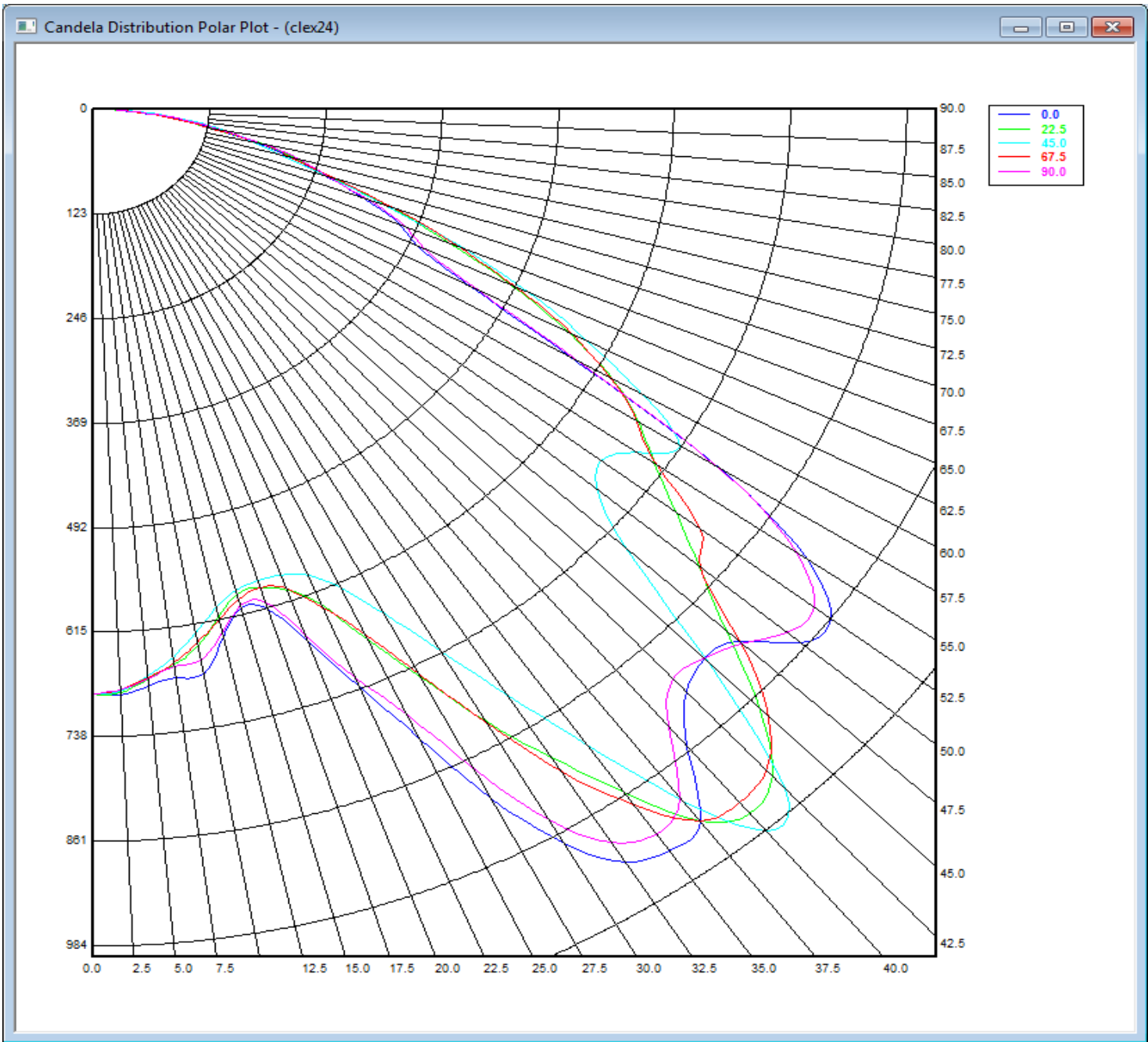
[LAMP]LED

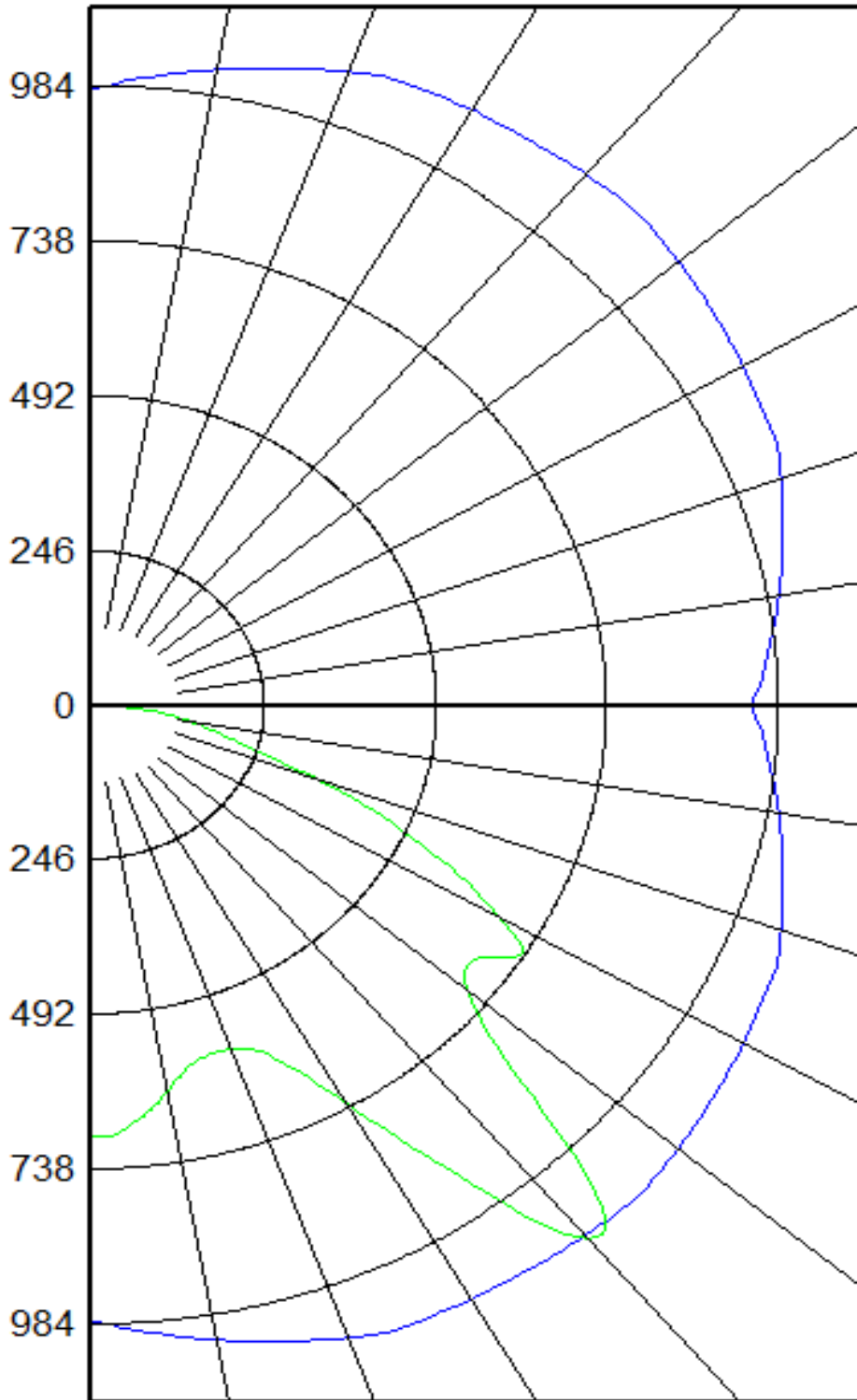
[LAMPCAT]NA. LUMINAIRE OUTPUT = 3389 LMS

[OTHER]120.0V, 483.3mA, 58.00W, 0.9955PF

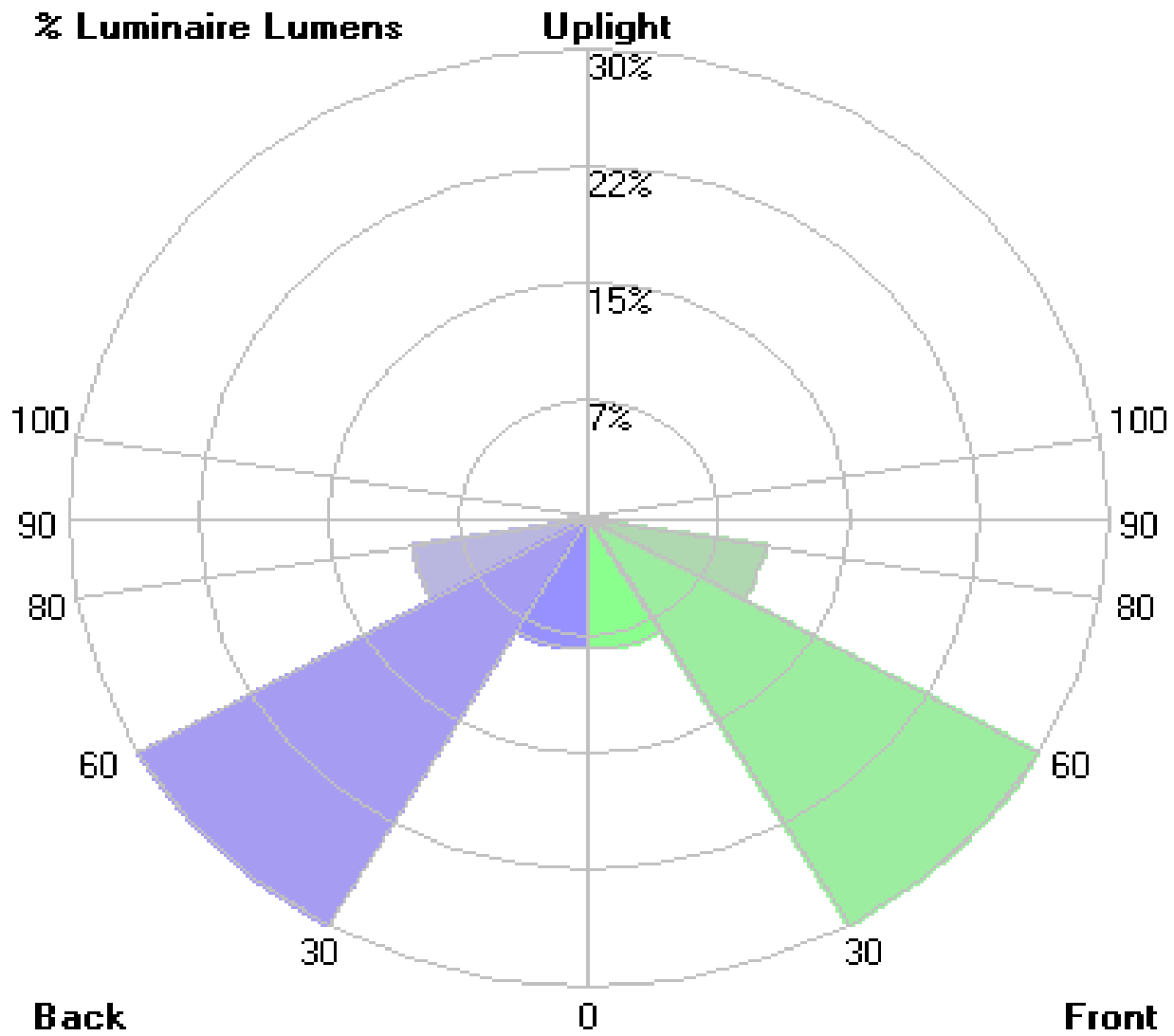


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— Cone through Max Candela
— Plane through Max Candela



Illuminance at a Distance

	Center Beam FC	Beam Width	
8.3ft	9.90 fc	29.1ft	25.6ft
16.7ft	2.48 fc	58.2ft	51.3ft
25.0ft	1.10 fc	87.3ft	76.9ft
33.3ft	0.62 fc	116.4ft	102.5ft
41.7ft	0.40 fc	145.5ft	128.1ft
50.0ft	0.28 fc	174.6ft	153.8ft

■ Vert. Spread: 120.4°
 ■ Horiz. Spread: 113.9°

CANDELA DISTRIBUTION

Lumen basis: NA

Internal multiplier: 1.00

Ballast factor: 1.00

Tilt factor geometry: No tilt factor.

Candela Distribution:

	0	22.5	45	67.5	90
0.0	687.8	687.8	687.8	687.8	687.8
2.5	689.7	686.9	685.3	683.2	683.3
5.0	681.3	672.8	668.9	671.5	673.0
7.5	674.8	659.3	650.0	657.1	661.3
10.0	674.5	640.6	625.0	637.0	658.4
12.5	636.2	612.6	600.9	615.4	631.4
15.0	607.4	590.7	585.6	596.9	604.6
17.5	617.0	589.7	581.4	589.9	608.7
20.0	666.7	602.0	582.9	600.4	658.1
22.5	735.1	630.7	593.9	634.5	723.2
25.0	816.0	689.1	621.7	680.8	786.4
27.5	915.9	754.6	670.2	751.5	875.5
30.0	996.5	831.7	735.9	834.7	965.1
32.5	1050.2	905.0	819.4	924.0	1022.0
35.0	1064.1	980.5	913.0	998.2	1040.5
37.5	1056.0	1054.1	1025.0	1054.6	1020.2
40.0	979.1	1081.7	1107.0	1064.4	948.0
42.5	929.8	1064.2	1083.8	1055.1	908.9
45.0	915.2	998.5	921.3	1011.1	914.2
47.5	926.3	910.3	769.7	929.7	930.8
50.0	976.4	837.9	698.6	839.8	958.0
52.5	984.3	778.8	678.2	811.8	962.0
55.0	922.9	727.1	701.9	729.7	908.7
57.5	791.7	686.3	735.9	683.6	791.4
60.0	591.8	638.9	675.1	635.0	598.7
62.5	450.6	568.6	593.2	572.1	458.7
65.0	378.8	486.2	508.5	491.5	387.3
67.5	350.1	406.6	420.2	415.2	357.3
70.0	305.6	334.2	330.6	341.0	310.6
72.5	258.4	264.8	259.4	265.7	260.2
75.0	216.4	220.4	205.2	217.9	226.9
77.5	176.1	181.3	172.0	183.5	183.5
80.0	132.4	129.7	142.1	128.7	134.9
82.5	101.9	94.1	108.5	94.1	104.2
85.0	65.3	64.9	75.8	64.1	66.7
87.5	36.6	39.1	44.0	39.8	37.5
90.0	22.4	21.3	23.1	23.0	23.8
92.5	12.4	10.0	12.3	17.1	17.0
95.0	0.0	0.6	8.0	12.4	11.4
97.5	0.0	0.0	4.9	9.2	8.8
100.0	0.0	0.0	0.6	5.6	5.7
102.5	0.0	0.0	0.0	1.7	2.7
105.0	0.0	0.0	0.0	0.0	0.1

Candela Distribution (continued):

	0	22.5	45	67.5	90
107.5	0.0	0.0	0.0	0.0	0.0
110.0	0.0	0.0	0.0	0.0	0.0
112.5	0.0	0.0	0.0	0.0	0.0
115.0	0.0	0.0	0.0	0.0	0.0
117.5	0.0	0.0	0.0	0.0	0.0
120.0	0.0	0.0	0.0	0.0	0.0
122.5	0.0	0.0	0.0	0.0	0.0
125.0	0.0	0.0	0.0	0.0	0.0
127.5	0.0	0.0	0.0	0.0	0.0
130.0	0.0	0.0	0.0	0.0	0.0
132.5	0.0	0.0	0.0	0.0	0.0
135.0	0.0	0.0	0.0	0.0	0.0
137.5	0.0	0.0	0.0	0.0	0.0
140.0	0.0	0.0	0.0	0.0	0.0
142.5	0.0	0.0	0.0	0.0	0.0
145.0	0.0	0.0	0.0	0.0	0.0
147.5	0.0	0.0	0.0	0.0	0.0
150.0	0.0	0.0	0.0	0.0	0.0
152.5	0.0	0.0	0.0	0.0	0.0
155.0	0.0	0.0	0.0	0.0	0.0
157.5	0.0	0.0	0.0	0.0	0.0
160.0	0.0	0.0	0.0	0.0	0.0
162.5	0.0	0.0	0.0	0.0	0.0
165.0	0.0	0.0	0.0	0.0	0.0
167.5	0.0	0.0	0.0	0.0	0.0
170.0	0.0	0.0	0.0	0.0	0.0
172.5	0.0	0.0	0.0	0.0	0.0
175.0	0.0	0.0	0.0	0.0	0.0
177.5	0.0	0.0	0.0	0.0	0.0
180.0	0.0	0.0	0.0	0.0	0.0

ZONAL LUMENS

Cone	Between	Lumens	Cone	Between	Lumens
0.6	0 -1.25	1.03	120.0	118.75 -121.25	0.00
2.5	1.25 -3.75	8.20	122.5	121.25 -123.75	0.00
5.0	3.75 -6.25	16.07	125.0	123.75 -126.25	0.00
7.5	6.25 -8.75	23.57	127.5	126.25 -128.75	0.00
10.0	8.75 -11.25	30.57	130.0	128.75 -131.25	0.00
12.5	11.25 -13.75	36.53	132.5	131.25 -133.75	0.00
15.0	13.75 -16.25	42.20	135.0	133.75 -136.25	0.00
17.5	16.25 -18.75	48.92	137.5	136.25 -138.75	0.00
20.0	18.75 -21.25	57.37	140.0	138.75 -141.25	0.00
22.5	21.25 -23.75	67.88	142.5	141.25 -143.75	0.00
25.0	23.75 -26.25	80.88	145.0	143.75 -146.25	0.00
27.5	26.25 -28.75	97.21	147.5	146.25 -148.75	0.00
30.0	28.75 -31.25	115.92	150.0	148.75 -151.25	0.00
32.5	31.25 -33.75	135.67	152.5	151.25 -153.75	0.00
35.0	33.75 -36.25	155.03	155.0	153.75 -156.25	0.00
37.5	36.25 -38.75	174.04	157.5	156.25 -158.75	0.00
40.0	38.75 -41.25	185.75	160.0	158.75 -161.25	0.00
42.5	41.25 -43.75	190.87	162.5	161.25 -163.75	0.00
45.0	43.75 -46.25	186.35	165.0	163.75 -166.25	0.00
47.5	46.25 -48.75	178.78	167.5	166.25 -168.75	0.00
50.0	48.75 -51.25	175.53	170.0	168.75 -171.25	0.00
52.5	51.25 -53.75	176.27	172.5	171.25 -173.75	0.00
55.0	53.75 -56.25	172.60	175.0	173.75 -176.25	0.00
57.5	56.25 -58.75	167.47	177.5	176.25 -178.75	0.00
60.0	58.75 -61.25	151.00	179.4	178.75 -180	0.00
62.5	61.25 -63.75	133.04			
65.0	63.75 -66.25	116.10			
67.5	66.25 -68.75	101.03			
70.0	68.75 -71.25	84.61			
72.5	71.25 -73.75	68.58			
75.0	73.75 -76.25	57.26			
77.5	76.25 -78.75	47.94			
80.0	78.75 -81.25	36.05			
82.5	81.25 -83.75	27.16			
85.0	83.75 -86.25	18.48			
87.5	86.25 -88.75	10.94			
90.0	88.75 -91.25	6.19			
92.5	91.25 -93.75	3.70			
95.0	93.75 -96.25	1.81			
97.5	96.25 -98.75	1.25			
100.0	98.75 -101.25	0.61			
102.5	101.25 -103.75	0.20			
105.0	103.75 -106.25	0.00			
107.5	106.25 -108.75	0.00			
110.0	108.75 -111.25	0.00			
112.5	111.25 -113.75	0.00			
115.0	113.75 -116.25	0.00			
117.5	116.25 -118.75	0.00			

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-10	64	1.9
10-20	172	5.1
20-30	333	9.8
30-40	616	18.2
40-50	737	21.7
50-60	680	20.0
60-70	468	13.8
70-80	234	6.9
80-90	78	2.3
0-30	568	16.8
0-40	1184	34.9
0-60	2600	76.7
0-90	3380	99.7
90-120	11	0.3
90-150	11	0.3
90-180	11	0.3
0-180	3391	100

IESNA Type V, Undefined (Very Short)

Cutoff classification: Noncutoff

IESNA TM-15-07 BUG Rating

B2 U2 G1

Maximum candela = 1107 occurs at 45.00 horizontal, 40.00 vertical.

INDOOR REPORT

Luminaire Spacing Criterion (spacing to mounting height ratio)

Two luminaires, plane 0: 1.91

Two luminaires, plane 90: 1.90

Four luminaires: 1.75

Full Beam Angle:

0-180° 90-270°

121.36 121.62

Coefficients of Utilization - Zonal Cavity Method

pfc = 0.20

pcc-> .8 .7 .5 .3 .1 0

pw-> .7 .5 .3 0 .7 .5 .3 0 .5 .3 0 .5 .3 0 .5 .3 0 0

RCR

0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	108	103	98	92	105	100	96	91	96	93	88	92	89	85	83	83	83	82
2	97	88	81	72	94	86	80	71	83	77	70	79	75	69	67	67	67	67
3	88	76	68	58	85	75	67	57	72	65	56	69	63	56	55	55	55	55
4	79	67	57	47	77	65	56	47	63	55	46	60	54	46	45	45	45	45
5	72	59	49	39	70	57	48	39	55	47	39	53	46	38	38	38	38	38
6	66	52	42	33	64	51	42	33	49	41	33	47	40	32	32	32	32	32
7	61	46	37	28	59	46	37	28	44	36	28	42	35	28	28	28	28	27
8	56	42	33	24	55	41	32	24	40	32	24	38	31	24	24	24	24	24
9	52	38	29	21	51	37	29	21	36	28	21	35	28	21	21	21	21	21
10	49	35	26	18	47	34	26	18	33	26	18	32	25	18	18	18	18	18