

LUMINAIRE: LXEW4-35X-CAN-EU
 LXEW Led Enclosed and Gasketed, Extreme Environment
 LED Enclosed and Gasketed High Bay w/ Aluminum Reflectors
 & Clear Acrylic Refractor
BALLAST: XI190C275V054BSG1
BALLAST FACTOR: 1.00
LAMP: LED
FIXTURE LUMENS: 36688
WATTS: 329.40
MOUNTING: Surface
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.28 90° = 0.92
LUMINOUS OPENING IN FEET
 LENGTH: 4.17
 WIDTH: 1.08
 HEIGHT: 0.23

TEST #17.01522
 DATE: 5/18/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 111

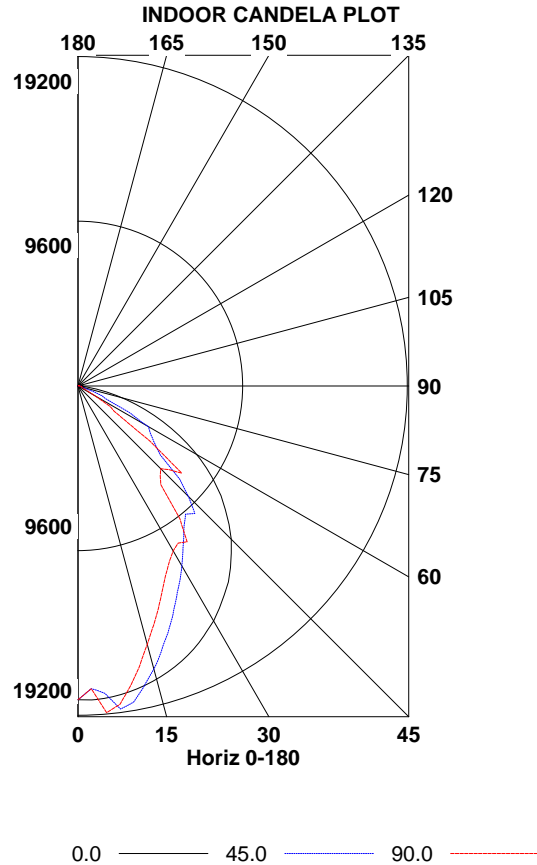
ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.14
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	13073	35.6	35.6
0-40	20431	55.7	55.7
0-60	32617	88.9	88.9
0-90	36356	99.1	99.1
90-120	276	0.8	0.8
90-130	309	0.8	0.8
90-150	332	0.9	0.9
90-180	332	0.9	0.9
0-180	36688	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	43714	43714	43714	43714	43714
30	42275	37615	30089	27432	27285
40	41244	31994	26242	24466	19874
45	40468	29397	25837	18823	18999
50	39122	26870	19011	19722	23411
55	37430	24585	17340	14756	8231
60	34976	22905	17042	7233	4149
65	31142	17336	7462	2062	1510
70	26428	12788	4425	1176	1133
75	20348	4134	1276	1100	1137
80	13064	6351	1141	1127	1160
85	7199	2160	1273	1556	1453



COEFFICIENTS OF UTILIZATION (%)

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																		
	80%				70%				50%				30%						
	RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	101	99
1	110	106	103	100	108	104	101	98	100	97	95	96	94	92	92	90	89	89	87
2	102	95	89	84	99	93	88	83	89	85	81	86	82	79	83	80	77	75	75
3	94	85	78	72	92	83	77	71	80	75	70	77	73	69	75	71	67	65	65
R	4	87	76	68	62	85	75	68	62	72	66	61	70	65	60	68	63	59	57
C	5	80	69	61	55	78	68	60	54	66	59	54	64	58	53	62	57	53	51
R	6	75	63	54	49	73	62	54	48	60	53	48	58	52	47	56	51	47	45
	7	70	57	49	43	68	56	49	43	55	48	43	53	47	43	52	46	42	40
	8	65	52	45	39	63	52	44	39	50	44	39	49	43	38	48	42	38	36
	9	61	48	41	36	60	48	40	35	47	40	35	46	39	35	44	39	35	33
	10	57	45	37	32	56	44	37	32	43	37	32	42	36	32	41	36	32	30

RCR = ROOM CAVITY RATIO RC = EFFECTIVE CEILING CAVITY REFLECTANCE RW = WALL REFLECTANCE

THE DATA IN THIS REPORT ARE BASED ON ABSOLUTE MEASUREMENTS.

ANSI/IESNA RP-1 COMPLIANCE IS BASED ON ABSOLUTE MEASUREMENTS.

THIS TEST RUN IN ACCORDANCE WITH CURRENT I.E.S.N.A. PUBLISHED PROCEDURES.

APPROVED BY: _____

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CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	18290	18290	18290	18290	18290
2.5	18314	18091	17655	17629	17656
5.0	18261	17713	17979	18877	19115*
7.5	18176	17641	18987	18933	18719
10.0	18050	18029	18698	17947	17726
12.5	17874	18512	17894	16972	16671
15.0	17696	18629	17078	15988	15590
17.5	17462	18254	16188	14999	14649
20.0	17205	17680	15317	14077	13732
22.5	16911	16956	14444	13251	12861
25.0	16562	16197	13596	12444	12122
27.5	16182	15476	12836	11746	11524
30.0	15806	14672	12096	11190	11102
32.5	15347	13863	11383	10800	10862
35.0	14865	13079	10752	10874	11093
37.5	14404	12233	10173	10431	9735
40.0	13831	11394	9749	9275	7508
42.5	13223	10609	10074	7140	7094
45.0	12633	9849	9093	6782	6818
47.5	11938	9082	8046	6470	7212
50.0	11213	8367	6268	6681	7894
52.5	10508	7628	5713	7270	5304
55.0	9690	7016	5288	4643	2576
57.5	8837	6706	4967	2220	2217
60.0	8016	5891	4736	2084	1188
62.5	7100	5114	3463	1134	585
65.0	6158	3936	1856	535	389
67.5	5293	3034	1521	328	293
70.0	4355	2496	963	269	257
72.5	3439	1803	364	236	233
75.0	2657	669	236	216	221
77.5	1884	529	199	200	203
80.0	1246	808	172	183	186
82.5	790	526	151	180	218
85.0	428	198	147	198	182
87.5	208	136	167	187	176
90.0	86	105	161	129	124
92.5	102	101	96	100	93
95.0	230	95	82	72	71
97.5	291	75	65	64	66
100.0	284	66	64	72	73
102.5	270	68	66	78	83
105.0	244	85	63	78	83
107.5	212	90	59	73	77
110.0	178	81	54	66	73
112.5	148	77	50	61	67
115.0	122	70	47	58	63
117.5	100	62	45	51	58
120.0	81	53	40	46	52
122.5	65	42	34	42	46
125.0	51	31	31	39	43
127.5	39	22	27	35	40
130.0	28	16	23	32	36
132.5	20	12	20	30	34
135.0	15	10	17	27	32
137.5	12	9	15	24	28
140.0	11	9	12	21	24
142.5	10	8	9	18	21
145.0	8	7	6	16	18
147.5	7	6	5	12	15
150.0	6	5	5	9	12
152.5	0	0	0	0	0
155.0	0	0	0	0	0
157.5	0	0	0	0	0
160.0	0	0	0	0	0
162.5	0	0	0	0	0
165.0	0	0	0	0	0
167.5	0	0	0	0	0
170.0	0	0	0	0	0
172.5	0	0	0	0	0
175.0	0	0	0	0	0
177.5	0	0	0	0	0
180.0	0	0	0	0	0

*MAXIMUM CANDELA VALUE