

LUMINAIRE: JLXEW4-35V-CPN-EU
 LXEW Led Enclosed and Gasketed, Extreme Environment
 15" x 52" LED with clear polycarbonate lens
BALLAST: XI190C275V054BSG1
BALLAST FACTOR: 1.00
LAMP: LED
FIXTURE LUMENS: 30032
WATTS: 259.10
MOUNTING: Surface
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.28 90° = 1.02
LUMINOUS OPENING IN FEET
 LENGTH: 4.25
 WIDTH: 1.17
 HEIGHT: 0.25

TEST #17.00609
 DATE: 2/24/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 116

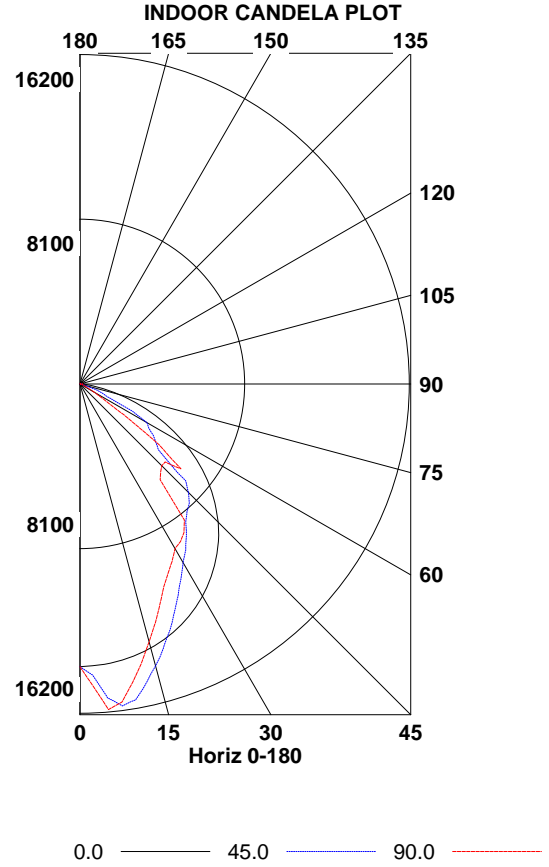
ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.07
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	10856	36.1	36.1
0-40	16951	56.4	56.4
0-60	26926	89.7	89.7
0-90	29813	99.3	99.3
90-120	184	0.6	0.6
90-130	205	0.7	0.7
90-150	218	0.7	0.7
90-180	219	0.7	0.7
0-180	30032	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	30100	30100	30100	30100	30100
30	29121	28718	22779	21008	20811
40	28337	24314	19915	19352	14705
45	27794	22586	19358	14076	14352
50	26876	20338	13781	14070	17409
55	25502	18162	13016	12970	7486
60	23743	16862	12325	3947	2635
65	21204	12215	5422	1545	1096
70	17757	9162	3658	694	554
75	13627	3184	764	487	503
80	8731	3553	554	521	552
85	4485	2099	628	947	945



COEFFICIENTS OF UTILIZATION (%)

ZONAL CAVITY METHOD

RC	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																			
	RW	80%				70%				50%				30%				10%		0%
		70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%
0	119	119	119	119	116	116	116	116	111	111	111	111	106	106	106	101	101	101	101	99
1	111	107	103	100	108	104	101	98	100	98	95	96	94	92	93	91	89	89	87	87
2	102	95	89	85	100	93	88	84	90	85	82	86	83	80	83	80	78	76	76	76
3	94	85	78	72	92	84	77	72	81	75	70	78	73	69	75	71	68	66	66	66
R	4	87	77	69	63	85	75	68	62	73	66	62	70	65	61	68	64	60	58	58
C	5	81	69	61	55	79	68	61	55	66	59	54	64	58	54	62	57	53	51	51
R	6	75	63	55	49	73	62	54	49	60	53	48	58	52	48	57	52	47	45	45
	7	70	57	49	44	68	57	49	44	55	48	43	54	48	43	52	47	43	41	41
	8	65	53	45	39	64	52	45	39	51	44	39	49	43	39	48	43	39	37	37
	9	61	49	41	36	60	48	41	36	47	40	36	46	40	35	45	39	35	33	33
	10	58	45	38	33	56	45	38	33	44	37	33	43	37	32	42	36	32	31	31

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	13905	13905	13905	13905	13905
2.5	13865	14019	14323	14717	14866
5.0	13839	14340	15489	15951	16071*
7.5	13771	14881	15969	15938	15779
10.0	13675	15440	15770	15134	14902
12.5	13573	15670	15063	14280	14014
15.0	13436	15644	14354	13470	13134
17.5	13278	15389	13631	12648	12318
20.0	13099	14903	12902	11816	11506
22.5	12876	14298	12137	11116	10783
25.0	12617	13667	11439	10462	10249
27.5	12348	13045	10765	10078	9817
30.0	12046	12392	10127	9472	9353
32.5	11695	11695	9672	9111	9191
35.0	11344	11033	9118	8921	8913
37.5	10960	10322	8547	8598	8422
40.0	10523	9587	8187	8112	6137
42.5	10092	8950	7950	5868	5870
45.0	9613	8382	7542	5609	5690
47.5	9075	7690	7055	5404	5674
50.0	8540	7019	5032	5273	6486
52.5	7961	6348	4694	6013	4906
55.0	7325	5748	4398	4516	2589
57.5	6696	5278	4006	2170	1288
60.0	6043	4813	3797	1259	834
62.5	5333	4210	2905	840	462
65.0	4662	3081	1496	444	312
67.5	3977	2408	1245	271	236
70.0	3259	1989	884	176	139
72.5	2601	1507	366	122	116
75.0	1987	574	157	106	108
77.5	1405	342	112	97	98
80.0	934	505	93	94	98
82.5	539	437	83	101	138
85.0	302	216	81	134	131
87.5	175	108	112	142	140
90.0	108	80	117	88	79
92.5	108	79	71	70	62
95.0	146	78	60	51	45
97.5	185	60	53	34	27
100.0	195	59	35	31	30
102.5	191	67	34	37	36
105.0	178	73	31	35	37
107.5	160	71	30	33	33
110.0	142	67	28	28	29
112.5	122	63	28	24	25
115.0	104	58	28	21	21
117.5	88	52	23	22	22
120.0	73	46	21	17	20
122.5	60	38	19	13	15
125.0	48	30	16	14	13
127.5	38	23	14	14	15
130.0	29	18	13	12	14
132.5	23	15	10	12	13
135.0	18	12	8	12	13
137.5	14	10	7	10	12
140.0	12	9	6	8	9
142.5	10	8	5	7	8
145.0	8	7	5	7	7
147.5	7	6	5	6	6
150.0	6	5	5	5	6
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