

LUMINAIRE: LXEW4-35HV-CPN-EU
 LXEW Led Enclosed and Gasketed, Extreme Environment
 4' LED Enclosed and Gasketed High Bay w/ M4R Reflectors & CP Refractor
BALLAST: XI095C275V054BSF1
BALLAST FACTOR: 1.00
LAMP: LED
FIXTURE LUMENS: 23533
WATTS: 187.90
MOUNTING: Surface
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.30 90° = 1.00
LUMINOUS OPENING IN FEET
 LENGTH: 4.17
 WIDTH: 1.08
 HEIGHT: 0.23

TEST #17.01517
 DATE: 5/26/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 125

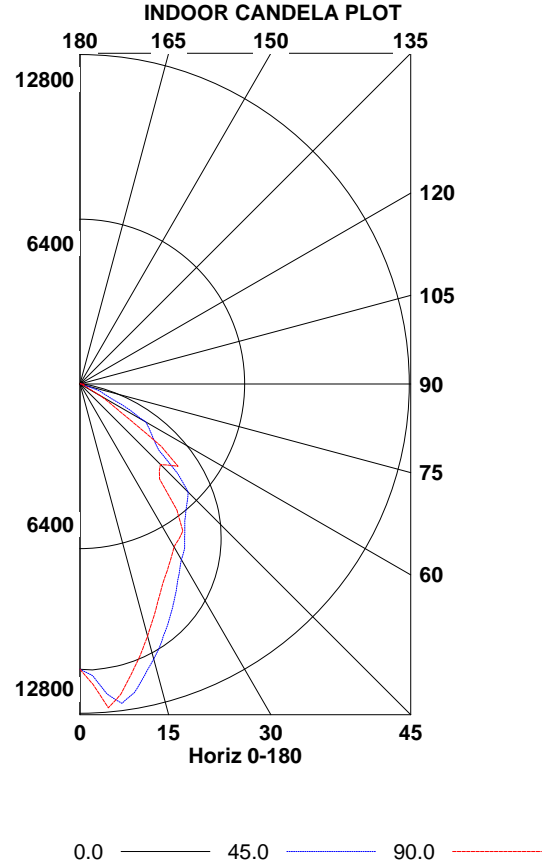
ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.92
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	8451	35.9	35.9
0-40	13197	56.1	56.1
0-60	21017	89.3	89.3
0-90	23359	99.3	99.3
90-120	149	0.6	0.6
90-130	167	0.7	0.7
90-150	174	0.7	0.7
90-180	174	0.7	0.7
0-180	23533	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	26499	26499	26499	26499	26499
30	26006	24394	19617	18119	17968
40	25350	20857	17238	15423	12735
45	24743	19332	16878	12073	12320
50	23833	17489	12102	12649	14748
55	22612	15825	11129	10888	6774
60	20944	14367	10634	4217	3324
65	18788	10852	5287	1654	1138
70	15936	7860	3915	660	555
75	11755	3139	898	479	479
80	7496	2924	551	499	524
85	4054	2084	597	1257	1238



COEFFICIENTS OF UTILIZATION (%)

RC	RW	EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%																	
		80%				70%				50%				30%					
		70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%		
0	119	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	111	107	103	100	108	104	101	98	100	97	95	96	94	92	92	91	89	87	87
2	102	95	89	84	100	93	88	83	90	85	81	86	83	79	83	80	78	76	76
3	94	85	78	72	92	83	77	72	80	75	70	78	73	69	75	71	68	66	66
R	4	87	76	69	63	85	75	68	62	73	66	61	70	65	60	68	63	60	58
C	5	81	69	61	55	79	68	60	55	66	59	54	64	58	53	62	57	53	51
R	6	75	63	55	49	73	62	54	48	60	53	48	58	52	48	57	51	47	45
	7	70	57	49	44	68	56	49	43	55	48	43	53	47	43	52	47	42	41
	8	65	53	45	39	64	52	44	39	51	44	39	49	43	39	48	43	38	37
	9	61	49	41	36	60	48	41	36	47	40	35	46	40	35	45	39	35	33
	10	57	45	38	33	56	44	37	33	43	37	32	43	36	32	42	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: _____

LUMINAIRE: LXEW4-35HV-CPN-EU

LXEW Led Enclosed and Gasketed, Extreme Environment
4' LED Enclosed and Gasketed High Bay w/ M4R Reflectors & CP Refractor

TEST #17.01517
DATE: 5/26/2017

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	11087	11087	11087	11087	11087
2.5	11119	11249	11349	11600	11689
5.0	11089	11423	12089	12598	12632*
7.5	11057	11739	12515	12284	12157
10.0	10988	12112	12177	11612	11456
12.5	10914	12305	11597	11002	10803
15.0	10809	12182	11065	10360	10147
17.5	10697	11874	10520	9743	9505
20.0	10543	11431	9965	9129	8909
22.5	10381	10977	9398	8582	8392
25.0	10192	10516	8848	8130	8010
27.5	9961	10030	8334	7872	7651
30.0	9723	9515	7886	7391	7311
32.5	9457	9020	7563	7105	7146
35.0	9156	8478	7097	6937	6969
37.5	8836	7936	6693	6750	6199
40.0	8501	7428	6404	5847	4811
42.5	8114	6926	6173	4599	4564
45.0	7724	6477	5940	4350	4421
47.5	7302	5971	5154	4187	4662
50.0	6831	5446	3990	4285	4973
52.5	6364	4954	3662	4572	3998
55.0	5854	4516	3394	3426	2120
57.5	5327	4111	3177	1827	1356
60.0	4800	3695	2955	1215	952
62.5	4262	3150	2203	857	438
65.0	3715	2464	1315	429	293
67.5	3168	1861	1032	278	193
70.0	2626	1534	852	151	126
72.5	2059	1106	410	110	103
75.0	1535	508	166	94	93
77.5	1109	325	101	85	85
80.0	715	372	83	81	84
82.5	414	357	73	83	109
85.0	241	191	69	160	155
87.5	138	92	107	95	76
90.0	83	66	85	59	55
92.5	80	70	54	56	55
95.0	108	60	50	46	38
97.5	138	49	45	28	23
100.0	148	48	32	28	26
102.5	145	53	33	33	32
105.0	136	58	30	35	37
107.5	123	56	28	31	31
110.0	108	53	26	27	28
112.5	92	49	25	23	24
115.0	79	45	23	21	21
117.5	67	40	20	18	19
120.0	56	35	18	16	18
122.5	46	29	16	12	14
125.0	37	23	14	12	12
127.5	29	18	12	13	13
130.0	23	14	10	12	13
132.5	17	11	8	10	12
135.0	13	9	6	9	11
137.5	11	8	5	8	10
140.0	9	6	4	6	8
142.5	0	0	0	0	0
145.0	0	0	0	0	0
147.5	0	0	0	0	0
150.0	0	0	0	0	0
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