

LUMINAIRE: LXEW4-35HV-CAN-EU
 LXEW Led Enclosed and Gasketed, Extreme Environment
 4' LED Enclosed and Gasketed High Bay w/ M4R Reflectors & CA Refractor
BALLAST: XI095C275V054BSF1
BALLAST FACTOR: 1.00
LAMP: LED
FIXTURE LUMENS: 23741
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 #17.01516
 DATE: 5/26/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 126

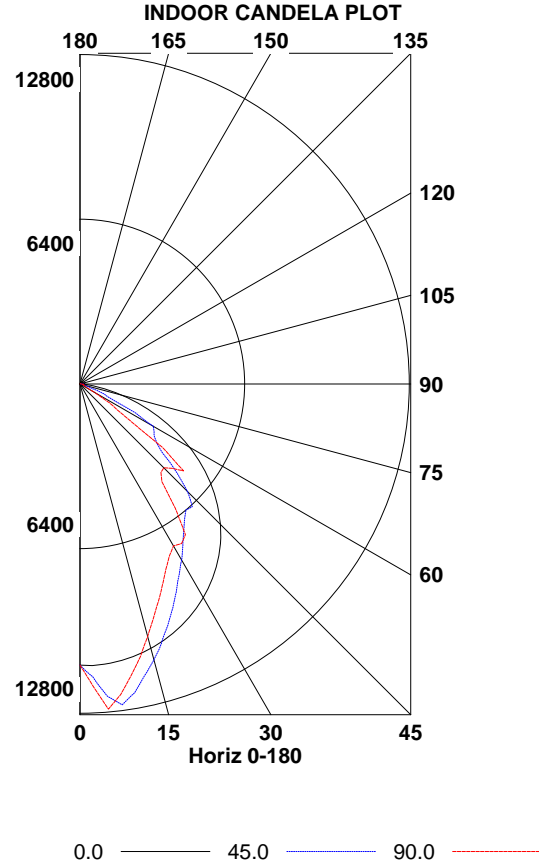
ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.90
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	8440	35.6	35.6
0-40	13189	55.6	55.6
0-60	21153	89.1	89.1
0-90	23547	99.2	99.2
90-120	163	0.7	0.7
90-130	182	0.8	0.8
90-150	194	0.8	0.8
90-180	194	0.8	0.8
0-180	23741	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	26111	26111	26111	26111	26111
30	25607	24502	19647	17957	17857
40	25162	20891	17211	15318	13116
45	24724	19186	16764	12370	12830
50	24018	17553	12745	13325	15581
55	22925	16301	11523	11301	5927
60	21446	14876	11846	4310	2252
65	19389	11328	5006	1083	905
70	16658	8541	2385	708	652
75	12981	3337	811	621	617
80	8492	3560	643	622	642
85	4676	1451	736	1194	974



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%	0%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	101	101	99
1	110	107	103	100	108	104	101	98	100	97	95	96	94	92	91	87
2	102	95	89	84	99	93	88	83	89	85	81	86	82	79	83	75
3	94	85	78	72	92	83	77	71	80	75	70	77	73	69	75	65
R 4	87	76	68	62	85	75	68	62	72	66	61	70	65	60	68	57
C 5	80	69	61	55	78	68	60	54	66	59	54	64	58	53	62	51
R 6	75	62	54	48	73	62	54	48	60	53	48	58	52	47	56	45
7	70	57	49	43	68	56	49	43	55	48	43	53	47	42	52	40
8	65	52	44	39	63	52	44	39	50	44	39	49	43	38	48	36
9	61	48	41	35	59	48	40	35	47	40	35	45	39	35	44	33
10	57	45	37	32	56	44	37	32	43	37	32	42	36	32	41	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-CAN-EU

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

TEST #17.01516
DATE: 5/26/2017

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	10925	10925	10925	10925	10925
2.5	10953	11141	11385	11648	11754
5.0	10926	11431	12178	12645	12683*
7.5	10884	11806	12573	12322	12164
10.0	10814	12198	12191	11632	11484
12.5	10734	12370	11602	11024	10843
15.0	10632	12248	11098	10400	10157
17.5	10516	11926	10544	9771	9517
20.0	10361	11476	9975	9172	8936
22.5	10204	10996	9420	8612	8402
25.0	10019	10542	8869	8136	7907
27.5	9805	10060	8346	7674	7526
30.0	9574	9557	7898	7325	7266
32.5	9321	9055	7445	7068	7348
35.0	9056	8514	7027	7197	7143
37.5	8770	7976	6666	6777	6089
40.0	8438	7440	6394	5807	4955
42.5	8094	6916	6457	4733	4658
45.0	7718	6428	5900	4457	4604
47.5	7306	5948	5111	4351	4850
50.0	6884	5466	4202	4514	5254
52.5	6433	5017	3754	4924	4070
55.0	5935	4652	3514	3556	1855
57.5	5432	4306	3411	1619	1352
60.0	4915	3826	3292	1242	645
62.5	4365	3279	2448	595	282
65.0	3834	2572	1245	281	233
67.5	3299	2025	1021	234	193
70.0	2745	1667	519	162	148
72.5	2208	1272	256	138	137
75.0	1695	540	150	122	120
77.5	1205	342	114	108	110
80.0	810	453	97	101	103
82.5	503	312	87	111	153
85.0	278	133	85	152	122
87.5	142	78	130	81	79
90.0	58	63	71	65	64
92.5	65	72	53	60	53
95.0	135	56	48	37	37
97.5	185	46	37	35	36
100.0	184	41	36	41	43
102.5	175	44	37	44	45
105.0	158	56	35	42	46
107.5	136	58	32	39	41
110.0	114	52	29	36	38
112.5	95	48	27	32	34
115.0	79	44	27	31	32
117.5	64	39	25	27	30
120.0	52	34	22	23	26
122.5	42	27	19	21	23
125.0	33	21	17	20	22
127.5	26	15	15	18	21
130.0	19	11	13	18	19
132.5	14	8	11	16	19
135.0	10	7	9	14	17
137.5	8	6	8	12	15
140.0	7	5	7	11	13
142.5	6	5	5	10	11
145.0	5	5	4	8	10
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