

LUMINAIRE: LXEW4-30HV-FAN-EU
 LXEW Led Enclosed and Gasketed, Extreme Environment
 4' LED Enclosed and Gasketed High Bay w/ M4R Reflectors & FA
 Data Scaled from Test# 17.01514 Refractor
BALLAST: XI095C275V054BSF1
BALLAST FACTOR: 1.00
LAMP: LED
FIXTURE LUMENS: 22796
WATTS: 187.90
MOUNTING: Surface
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.23 90° = 0.99
LUMINOUS OPENING IN FEET
 LENGTH: 4.17
 WIDTH: 1.25
 HEIGHT: 0.23

TEST #18866

DATE: 5/26/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 121

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.98

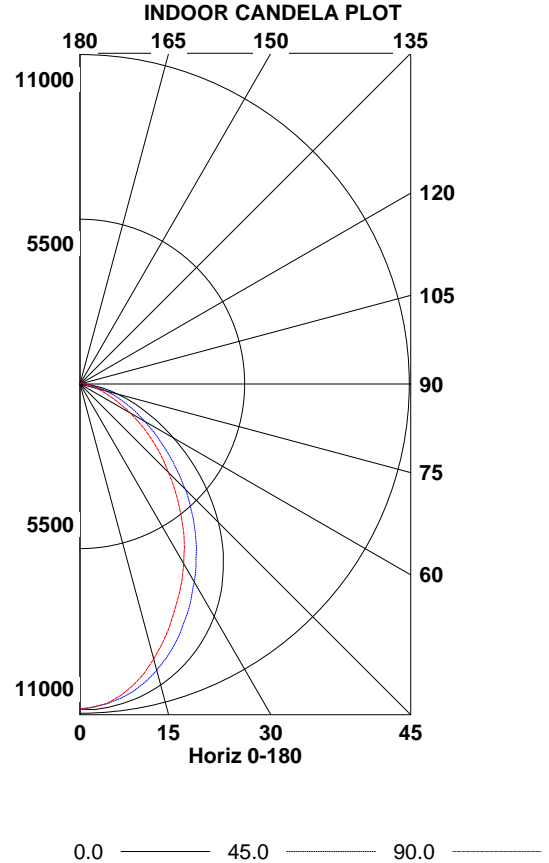
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	7759	34.0	34.0
0-40	12103	53.1	53.1
0-60	19124	83.9	83.9
0-90	22395	98.2	98.2
90-120	326	1.4	1.4
90-130	373	1.6	1.6
90-150	401	1.8	1.8
90-180	401	1.8	1.8
0-180	22796	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	22416	22416	22416	22416	22416
30	20687	18907	16584	15241	14931
40	19177	16627	13907	12255	11872
45	18068	15290	12412	10697	10330
50	16778	13823	10871	9250	8943
55	15285	12224	9370	7871	7510
60	13549	10647	7992	6532	6057
65	11950	9080	6763	5237	4765
70	10329	7629	5569	4102	3669
75	8688	6200	4422	3139	2824
80	6957	4635	3327	2386	2223
85	4825	3146	2391	1853	1787



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%	
R	0	119	119	119	119	116	116	116	116	110	110	105	105	105	100	100	100	98
C	1	109	105	101	98	107	103	99	96	98	95	93	94	92	90	88	87	85
R	2	101	93	87	82	98	91	85	81	87	83	79	84	80	77	81	77	72
C	3	93	83	75	70	90	81	74	69	78	72	67	75	70	66	72	68	63
R	4	85	74	66	60	83	73	65	60	70	64	59	68	62	58	65	61	55
C	5	79	67	59	53	77	66	58	52	64	57	51	61	55	51	60	54	48
R	6	73	61	52	46	71	60	52	46	58	51	46	56	50	45	54	49	43
C	7	68	56	47	42	66	55	47	41	53	46	41	51	45	41	50	44	38
R	8	64	51	43	37	62	50	43	37	49	42	37	47	41	37	46	41	35
C	9	60	47	39	34	58	46	39	34	45	38	34	44	38	33	43	37	31
R	10	56	44	36	31	55	43	36	31	42	35	31	41	35	31	40	34	29

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: LXEW4-30HV-FAN-EU

LXEW Led Enclosed and Gasketed, Extreme Environment
4' LED Enclosed and Gasketed High Bay w/ M4R Reflectors & FA
Data Scaled from Test# 17.01514 Refractor

TEST #18866
DATE: 5/26/2017

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	10855	10855	10855	10855	10855
2.5	10884*	10856	10788	10800	10803
5.0	10838	10803	10710	10695	10691
7.5	10767	10714	10580	10513	10485
10.0	10675	10593	10404	10271	10214
12.5	10549	10443	10174	9966	9891
15.0	10398	10256	9897	9620	9506
17.5	10238	10036	9588	9228	9101
20.0	10031	9790	9245	8821	8677
22.5	9799	9505	8858	8382	8227
25.0	9563	9191	8468	7950	7801
27.5	9273	8856	8055	7530	7376
30.0	8952	8485	7634	7097	6927
32.5	8635	8090	7206	6656	6488
35.0	8259	7684	6781	6214	6034
37.5	7856	7249	6335	5749	5549
40.0	7443	6796	5891	5275	5084
42.5	7008	6343	5432	4818	4637
45.0	6528	5871	4969	4363	4188
47.5	6051	5393	4507	3933	3782
50.0	5566	4925	4066	3535	3394
52.5	5049	4449	3631	3150	3000
55.0	4580	3984	3231	2783	2634
57.5	4078	3545	2852	2432	2282
60.0	3594	3120	2502	2105	1934
62.5	3152	2717	2179	1793	1632
65.0	2735	2342	1886	1511	1360
67.5	2330	2005	1608	1254	1114
70.0	1970	1685	1351	1036	915
72.5	1637	1399	1120	840	745
75.0	1313	1129	904	674	597
77.5	1029	884	712	534	481
80.0	768	658	548	418	382
82.5	525	473	409	322	298
85.0	332	317	296	249	234
87.5	194	208	220	194	187
90.0	136	151	167	155	150
92.5	130	126	134	130	127
95.0	128	117	118	115	112
97.5	127	112	112	109	106
100.0	125	107	108	108	106
102.5	121	102	106	109	108
105.0	114	97	103	109	109
107.5	106	90	100	108	110
110.0	97	81	95	105	109
112.5	86	73	89	102	106
115.0	75	64	82	97	103
117.5	65	54	75	91	97
120.0	55	45	68	83	91
122.5	46	37	59	76	83
125.0	38	28	51	69	76
127.5	31	22	44	60	69
130.0	25	18	36	53	61
132.5	21	15	29	46	53
135.0	17	13	22	40	46
137.5	15	11	16	34	40
140.0	12	9	12	27	33
142.5	10	7	7	21	27
145.0	8	6	3	16	21
147.5	6	4	3	11	15
150.0	4	3	3	6	11
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