

LUMINAIRE: LXEW4-40HV-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: 23927
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 #18867

DATE: 5/26/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 127

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.89

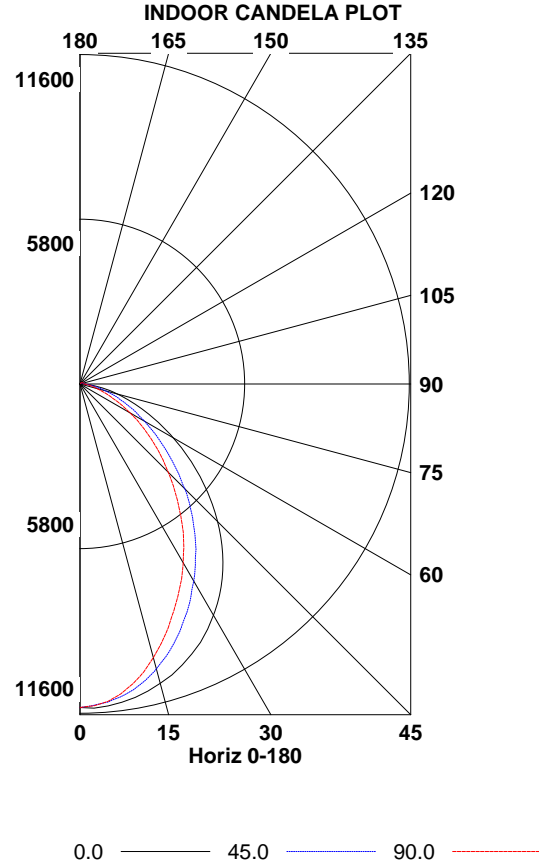
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	8144	34.0	34.0
0-40	12703	53.1	53.1
0-60	20073	83.9	83.9
0-90	23506	98.2	98.2
90-120	343	1.4	1.4
90-130	392	1.6	1.6
90-150	421	1.8	1.8
90-180	421	1.8	1.8
0-180	23927	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	23527	23527	23527	23527	23527
30	21715	19848	17407	15997	15670
40	20127	17451	14596	12863	12463
45	18964	16048	13029	11229	10843
50	17610	14508	11412	9710	9388
55	16043	12832	9834	8262	7883
60	14224	11173	8388	6858	6358
65	12540	9530	7096	5497	5000
70	10843	8010	5846	4303	3850
75	9118	6513	4642	3293	2961
80	7301	4860	3496	2500	2334
85	5057	3305	2512	1949	1878



COEFFICIENTS OF UTILIZATION (%)

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	110	110	110	105	105	105	100	100	100	100	100	98
1	109	105	101	98	107	103	99	96	98	95	93	94	92	90	90	88	87	85	85	85
2	101	93	87	82	98	91	85	81	87	83	79	84	80	77	81	77	75	72	72	72
3	93	83	75	70	90	81	74	69	78	72	67	75	70	66	72	68	65	63	63	63
R	4	85	74	66	60	83	73	65	60	70	64	59	68	62	58	65	61	57	55	55
C	5	79	67	59	53	77	66	58	52	64	57	51	61	55	51	60	54	50	48	48
R	6	73	61	52	46	71	60	52	46	58	51	46	56	50	45	54	49	45	43	43
	7	68	56	47	42	66	55	47	41	53	46	41	51	45	41	50	44	40	38	38
	8	64	51	43	37	62	50	43	37	49	42	37	47	41	37	46	41	36	35	35
	9	60	47	39	34	58	46	39	34	45	38	34	44	38	33	43	37	33	31	31
	10	56	44	36	31	55	43	36	31	42	35	31	41	35	31	40	34	30	29	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: LXEW4-40HV-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 #18867
DATE: 5/26/2017

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	11393	11393	11393	11393	11393
2.5	11424*	11394	11323	11337	11340
5.0	11376	11340	11242	11226	11222
7.5	11301	11246	11105	11035	11006
10.0	11205	11118	10920	10781	10721
12.5	11073	10961	10679	10461	10382
15.0	10914	10765	10389	10097	9977
17.5	10746	10535	10064	9686	9553
20.0	10529	10276	9703	9259	9108
22.5	10285	9976	9297	8798	8636
25.0	10037	9648	8888	8344	8188
27.5	9733	9295	8455	7904	7742
30.0	9397	8907	8013	7449	7270
32.5	9064	8491	7564	6986	6810
35.0	8669	8065	7117	6522	6334
37.5	8246	7608	6649	6034	5824
40.0	7812	7133	6183	5537	5337
42.5	7356	6657	5701	5057	4867
45.0	6852	6162	5216	4580	4396
47.5	6352	5661	4731	4128	3970
50.0	5842	5169	4268	3711	3563
52.5	5299	4670	3811	3307	3149
55.0	4807	4182	3391	2921	2765
57.5	4280	3721	2993	2553	2395
60.0	3773	3274	2626	2210	2030
62.5	3309	2852	2287	1882	1713
65.0	2870	2458	1979	1586	1427
67.5	2445	2104	1688	1316	1169
70.0	2068	1769	1418	1087	960
72.5	1718	1469	1175	882	782
75.0	1378	1186	949	707	626
77.5	1080	928	747	560	504
80.0	806	690	576	438	401
82.5	551	496	429	338	313
85.0	348	333	311	262	246
87.5	204	218	231	204	196
90.0	143	158	176	162	157
92.5	136	132	141	136	133
95.0	134	123	124	121	118
97.5	133	118	118	115	112
100.0	131	113	114	114	112
102.5	127	107	112	115	114
105.0	120	102	109	115	115
107.5	112	94	105	114	116
110.0	102	85	99	111	115
112.5	90	76	93	107	112
115.0	79	67	86	102	108
117.5	68	57	79	95	102
120.0	58	48	71	87	95
122.5	49	39	62	80	87
125.0	40	29	54	72	80
127.5	32	23	46	63	72
130.0	26	19	38	56	64
132.5	22	16	30	49	56
135.0	18	13	23	42	49
137.5	15	11	17	36	42
140.0	12	9	12	28	35
142.5	10	7	7	22	28
145.0	8	6	3	17	22
147.5	6	4	3	11	16
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