

LUMINAIRE: LXEW4-30HV-CAN-EU
 LXEW Led Enclosed and Gasketed, Extreme Environment
 4' LED Enclosed and Gasketed High Bay w/ M4R Reflectors & CA
 Data Scaled from Test# 17.01516 Refractor
BALLAST: XI095C275V054BSF1
BALLAST FACTOR: 1.00
LAMP: LED
FIXTURE LUMENS: 22958
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 #18860

DATE: 5/26/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 122

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.97

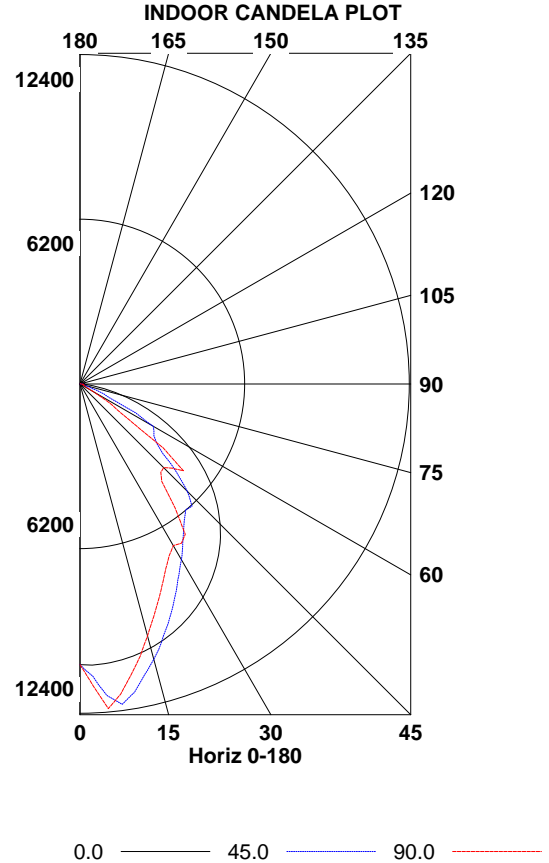
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	8162	35.6	35.6
0-40	12754	55.6	55.6
0-60	20455	89.1	89.1
0-90	22770	99.2	99.2
90-120	158	0.7	0.7
90-130	176	0.8	0.8
90-150	188	0.8	0.8
90-180	188	0.8	0.8
0-180	22958	100.0	100.0

AVERAGE LUMINANCE

ANGLE	CANDELA/SQ M				
	0.0	22.5	45.0	67.5	90.0
0	25249	25249	25249	25249	25249
30	24762	23694	18997	17364	17267
40	24333	20200	16643	14811	12682
45	23907	18553	16210	11962	12406
50	23226	16975	12323	12885	15068
55	22168	15761	11142	10930	5732
60	20739	14386	11454	4168	2179
65	18747	10954	4841	1048	874
70	16106	8259	2307	686	630
75	12552	3226	784	601	597
80	8209	3443	623	603	623
85	4525	1407	710	1155	942



COEFFICIENTS OF UTILIZATION (%)

RC	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%
RW	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%	70%	50%	30%	10%
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101
1	110	107	103	100	108	104	101	98	100	97	95	96	94	92	92	91
2	102	95	89	84	99	93	88	83	89	85	81	86	82	79	83	80
3	94	85	78	72	92	83	77	71	80	75	70	77	73	69	75	71
R	4	87	76	68	62	85	75	68	62	72	66	61	70	65	60	68
C	5	80	69	61	55	78	68	60	54	66	59	54	64	58	53	62
R	6	75	62	54	48	73	62	54	48	60	53	48	58	52	47	56
7	70	57	49	43	68	56	49	43	55	48	43	53	47	42	52	46
8	65	52	44	39	63	52	44	39	50	44	39	49	43	38	48	42
9	61	48	41	35	59	48	40	35	47	40	35	45	39	35	44	39
10	57	45	37	32	56	44	37	32	43	37	32	42	36	32	41	36

ZONAL CAVITY METHOD

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-CAN-EU

LXEW Led Enclosed and Gasketed, Extreme Environment
4' LED Enclosed and Gasketed High Bay w/ M4R Reflectors & CA
Data Scaled from Test# 17.01516 Refractor

TEST #18860
DATE: 5/26/2017

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	10564	10564	10564	10564	10564
2.5	10592	10773	11009	11264	11366
5.0	10565	11054	11776	12228	12264*
7.5	10525	11416	12158	11915	11763
10.0	10457	11795	11789	11248	11105
12.5	10380	11962	11219	10660	10485
15.0	10281	11844	10732	10057	9822
17.5	10169	11532	10196	9449	9203
20.0	10019	11097	9646	8869	8641
22.5	9867	10633	9109	8328	8125
25.0	9688	10194	8576	7868	7646
27.5	9481	9728	8071	7421	7278
30.0	9258	9242	7637	7083	7026
32.5	9013	8756	7199	6835	7106
35.0	8757	8233	6795	6960	6907
37.5	8481	7713	6446	6553	5888
40.0	8160	7194	6183	5615	4791
42.5	7827	6688	6244	4577	4504
45.0	7463	6216	5705	4310	4452
47.5	7065	5752	4942	4207	4690
50.0	6657	5286	4063	4365	5081
52.5	6221	4851	3630	4762	3936
55.0	5739	4498	3398	3439	1794
57.5	5253	4164	3298	1566	1307
60.0	4753	3700	3183	1201	624
62.5	4221	3171	2367	575	273
65.0	3707	2487	1204	272	225
67.5	3190	1958	987	226	187
70.0	2654	1612	502	157	143
72.5	2135	1230	248	133	132
75.0	1639	522	145	118	116
77.5	1165	331	110	104	106
80.0	783	438	94	98	100
82.5	486	302	84	107	148
85.0	269	129	82	147	118
87.5	137	75	126	78	76
90.0	56	61	69	63	62
92.5	63	70	51	58	51
95.0	131	54	46	36	36
97.5	179	44	36	34	35
100.0	178	40	35	40	42
102.5	169	43	36	43	44
105.0	153	54	34	41	44
107.5	132	56	31	38	40
110.0	110	50	28	35	37
112.5	92	46	26	31	33
115.0	76	43	26	30	31
117.5	62	38	24	26	29
120.0	50	33	21	22	25
122.5	41	26	18	20	22
125.0	32	20	16	19	21
127.5	25	15	15	17	20
130.0	18	11	13	17	18
132.5	14	8	11	15	18
135.0	10	7	9	14	16
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