

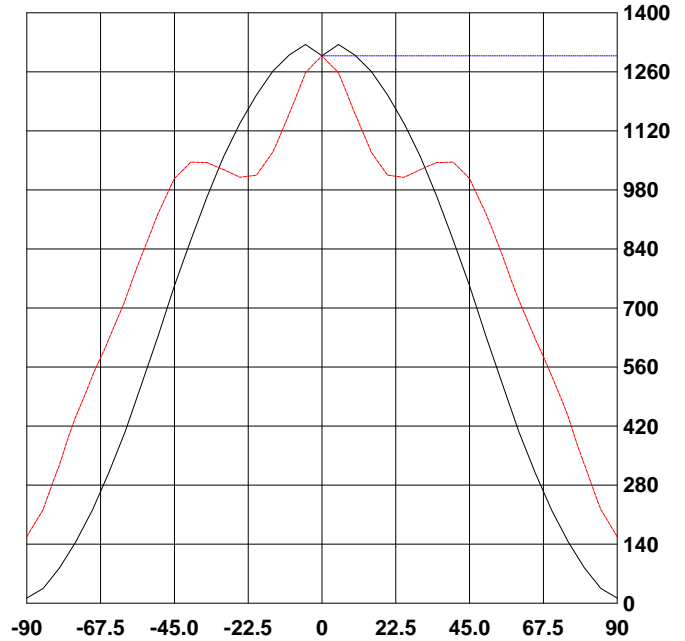
LUMINAIRE: LXEN4-30LW-RFA-EDU
 LXEN Led Narrow Enclosed and Gasketed, Extreme Environment
 7" X 51" Led with ribbed frosted acrylic diffuser
BALLAST: OTI 50/120-277/1A4 DIM-1 L
BALLAST FACTOR: 1.00
LAMP:
FIXTURE LUMENS: 4059
WATTS: 33.90
MOUNTING: Surface
SHIELDING ANGLE: 0° = 90 90° = 90
NEMA FLOOD TYPE: 6 X 6
BEAM SPREAD: ALONG = 110, ACROSS = 110
FIELD SPREAD: ALONG = 165, ACROSS = 165
LUMINOUS OPENING IN FEET
 LENGTH: 4.31
 WIDTH: 0.33
 HEIGHT: 0.13

TEST #17.02890
 DATE: 10/31/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 120

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$2.02
BASED ON 3000 HRS. AND \$.08 PER KWH

FLOODLIGHT CANDLEPOWER TRACE THROUGH ORIGIN

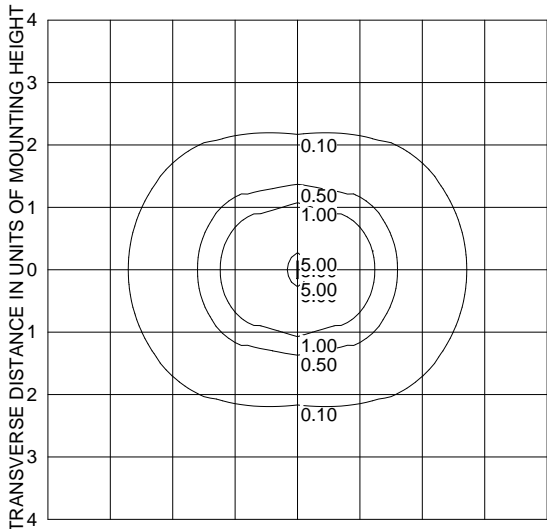


ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	910	22.4	22.4
0-40	1497	36.9	36.9
0-60	2771	68.3	68.3
0-90	3831	94.4	94.4
90-120	208	5.1	5.1
90-130	225	5.5	5.5
90-150	228	5.6	5.6
90-180	228	5.6	5.6
0-180	4059	100.0	100.0

CANDELA SUMMARY

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	1298	1298	1298	1298	1298
20.0	1205	1111	1029	1015	1015
40.0	861	758	877	1006	1046
60.0	407	475	663	708	719
80.0	84	181	298	327	329
100.0	6	38	91	109	113
120.0	2	1	26	55	66
140.0	1	1	1	1	3
160.0	0	0	0	0	0
180.0	0	0	0	0	0



TO CONVERT FC LEVELS TO NEW MH MULTIPLY BY	
9.00'	2.78
11.00'	1.86
13.00'	1.33
17.00'	0.78
19.00'	0.62
21.00'	0.51

Horiz. Trace Through 0 Vert. ————
 Vert. Trace Through 180-0 Horiz. ————
 Vert. Trace Through 270-90 Horiz. - - - -
 Max Candelas = 1331 @ 0.0H,2.5V

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: _____

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CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	1298	1298	1298	1298	1298
2.5	1331*	1288	1281	1290	1286
5.0	1325	1280	1264	1263	1258
7.5	1314	1264	1236	1225	1212
10.0	1300	1243	1201	1176	1161
12.5	1281	1217	1159	1126	1110
15.0	1261	1186	1115	1082	1069
17.5	1235	1151	1070	1043	1035
20.0	1205	1111	1029	1015	1015
22.5	1175	1069	992	999	1009
25.0	1138	1025	960	992	1010
27.5	1099	980	936	993	1019
30.0	1059	932	918	997	1028
32.5	1013	888	904	1003	1037
35.0	964	843	893	1007	1045
37.5	916	798	885	1008	1049
40.0	861	758	877	1006	1046
42.5	805	718	867	997	1032
45.0	752	679	854	979	1007
47.5	693	645	838	949	971
50.0	633	609	817	910	924
52.5	576	577	789	864	876
55.0	519	544	752	811	824
57.5	464	510	709	761	770
60.0	407	475	663	708	719
62.5	357	439	612	657	672
65.0	309	400	563	612	626
67.5	264	361	514	567	584
70.0	221	321	469	522	539
72.5	182	282	426	479	494
75.0	146	247	383	431	443
77.5	114	213	339	379	385
80.0	84	181	298	327	329
82.5	57	153	257	275	273
85.0	35	127	216	227	222
87.5	20	103	180	188	187
90.0	12	84	152	160	158
92.5	10	69	131	141	140
95.0	8	57	115	127	129
97.5	7	46	103	117	120
100.0	6	38	91	109	113
102.5	5	30	82	103	108
105.0	5	23	74	97	103
107.5	4	17	67	92	98
110.0	3	11	59	86	94
112.5	3	6	51	80	89
115.0	3	2	43	73	83
117.5	2	1	34	64	74
120.0	2	1	26	55	66
122.5	1	1	18	45	56
125.0	1	0	12	36	46
127.5	1	0	6	27	37
130.0	1	0	2	20	27
132.5	0	0	0	13	20
135.0	0	0	0	7	13
137.5	0	0	0	2	7
140.0	1	1	1	1	3
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