

LUMINAIRE: LXEN4-50LW-RFA-EDU
 LXEN Led Narrow Enclosed and Gasketed, Extreme Environment
 7" X 51" Led with ribbed frosted acrylic diffuser
 Data Scaled from Test# 17.02890
BALLAST: OTI 50/120-277/1A4 DIM-1 L
BALLAST FACTOR: 1.00
LAMP:
FIXTURE LUMENS: 4322
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 #19365

DATE: 10/31/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0

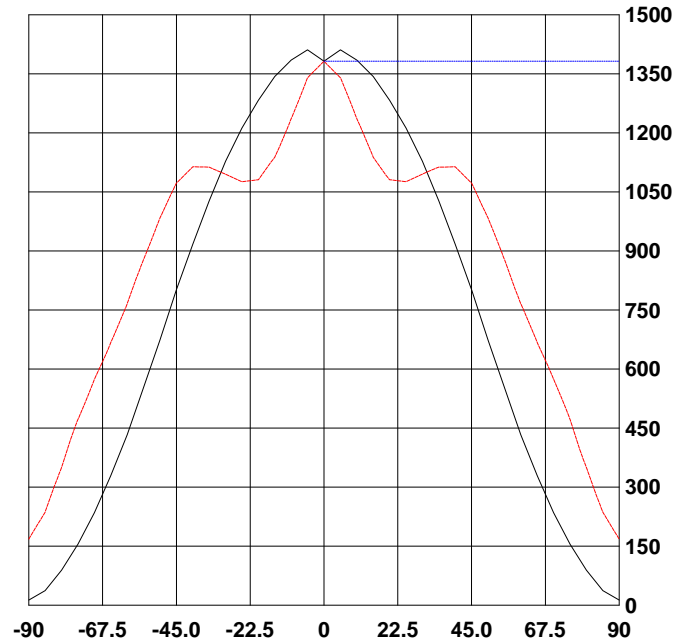
TOTAL LUMENS PER WATT = 128

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

FLOODLIGHT CANDLEPOWER TRACE THROUGH ORIGIN



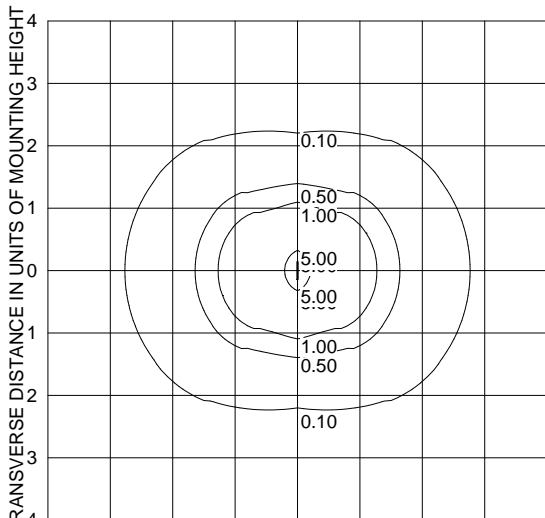
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	969	22.4	22.4
0-40	1595	36.9	36.9
0-60	2951	68.3	68.3
0-90	4080	94.4	94.4
90-120	222	5.1	5.1
90-130	239	5.5	5.5
90-150	243	5.6	5.6
90-180	243	5.6	5.6
0-180	4322	100.0	100.0

CANDELA SUMMARY

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	1382	1382	1382	1382	1382
20.0	1283	1183	1096	1081	1081
40.0	917	807	934	1071	1114
60.0	433	506	706	754	766
80.0	89	193	317	348	350
100.0	6	40	97	116	120
120.0	2	1	28	59	70
140.0	1	1	1	1	3
160.0	0	0	0	0	0
180.0	0	0	0	0	0

Horiz. Trace Through 0 Vert. —
 Vert. Trace Through 180-0 Horiz. —
 Vert. Trace Through 270-90 Horiz. —
 Max Candelas = 1418 @ 0.0H,2.5V



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

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.
 MOUNTING HEIGHT = 15.00 FEET

APPROVED BY: _____

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CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	1382	1382	1382	1382	1382
2.5	1418*	1372	1364	1374	1370
5.0	1411	1363	1346	1345	1340
7.5	1399	1346	1316	1305	1291
10.0	1385	1324	1279	1252	1236
12.5	1364	1296	1234	1199	1182
15.0	1343	1263	1187	1152	1138
17.5	1315	1226	1140	1111	1102
20.0	1283	1183	1096	1081	1081
22.5	1251	1138	1056	1064	1075
25.0	1212	1092	1022	1056	1076
27.5	1170	1044	997	1058	1085
30.0	1128	993	978	1062	1095
32.5	1079	946	963	1068	1104
35.0	1027	898	951	1072	1113
37.5	976	850	943	1074	1117
40.0	917	807	934	1071	1114
42.5	857	765	923	1062	1099
45.0	801	723	910	1043	1072
47.5	738	687	892	1011	1034
50.0	674	649	870	969	984
52.5	613	615	840	920	933
55.0	553	579	801	864	878
57.5	494	543	755	810	820
60.0	433	506	706	754	766
62.5	380	468	652	700	716
65.0	329	426	600	652	667
67.5	281	384	547	604	622
70.0	235	342	499	556	574
72.5	194	300	454	510	526
75.0	155	263	408	459	472
77.5	121	227	361	404	410
80.0	89	193	317	348	350
82.5	61	163	274	293	291
85.0	37	135	230	242	236
87.5	21	110	192	200	199
90.0	13	89	162	170	168
92.5	11	73	140	150	149
95.0	9	61	122	135	137
97.5	7	49	110	125	128
100.0	6	40	97	116	120
102.5	5	32	87	110	115
105.0	5	24	79	103	110
107.5	4	18	71	98	104
110.0	3	12	63	92	100
112.5	3	6	54	85	95
115.0	3	2	46	78	88
117.5	2	1	36	68	79
120.0	2	1	28	59	70
122.5	1	1	19	48	60
125.0	1	0	13	38	49
127.5	1	0	6	29	39
130.0	1	0	2	21	29
132.5	0	0	0	14	21
135.0	0	0	0	7	14
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