

LUMINAIRE: LXEN4-50XW-RFA-EDU
 LXEN Led Narrow Enclosed and Gasketed, Extreme Environment
 7" X 51" Led with ribbed frosted acrylic diffuser
 Data Scaled from Test# 17.02983
BALLAST: XI020C056V054BST2
BALLAST FACTOR: 1.00
LAMP:
FIXTURE LUMENS: 2210
WATTS: 16.40
MOUNTING: Surface
SHIELDING ANGLE: 0° = 90 90° = 90
NEMA FLOOD TYPE: 6 X 6
BEAM SPREAD: ALONG = 113, ACROSS = 113
FIELD SPREAD: ALONG = 165, ACROSS = 165
LUMINOUS OPENING IN FEET
 LENGTH: 4.31
 WIDTH: 0.33
 HEIGHT: 0.13

TEST #19368

DATE: 11/15/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0

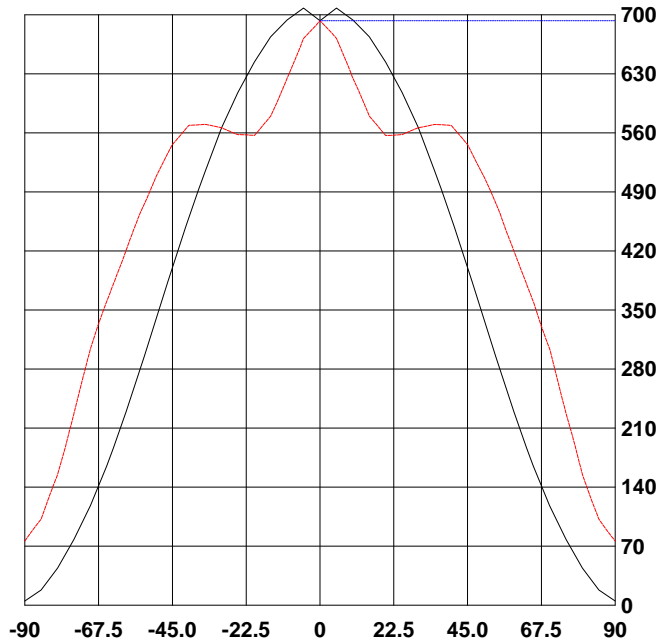
TOTAL LUMENS PER WATT = 135

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.74

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

FLOODLIGHT CANDLEPOWER TRACE THROUGH ORIGIN



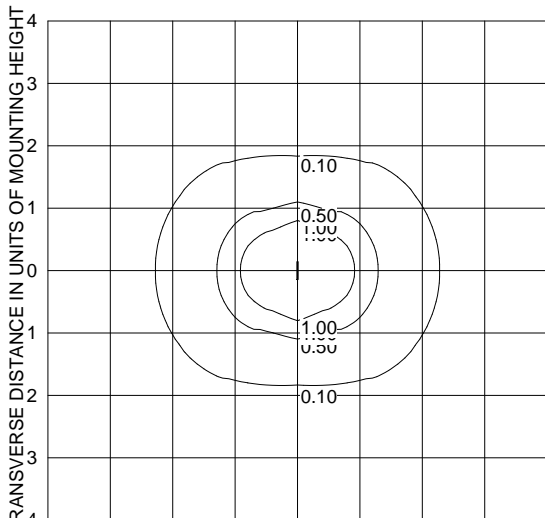
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	492	22.3	22.3
0-40	813	36.8	36.8
0-60	1510	68.3	68.3
0-90	2088	94.5	94.5
90-120	111	5.0	5.0
90-130	120	5.4	5.4
90-150	122	5.5	5.5
90-180	122	5.5	5.5
0-180	2210	100.0	100.0

CANDELA SUMMARY

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	693	693	693	693	693
20.0	644	596	558	556	557
40.0	459	411	481	547	569
60.0	219	262	366	405	411
80.0	44	100	160	163	155
100.0	3	20	49	59	60
120.0	1	1	15	31	37
140.0	0	0	0	0	2
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 = 711 @ 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: _____

LUMINAIRE: LXEN4-50XW-RFA-EDU
 LXEN Led Narrow Enclosed and Gasketed, Extreme Environment
 7" X 51" Led with ribbed frosted acrylic diffuser
 Data Scaled from Test# 17.02983

TEST #19368
 DATE: 11/15/2017

CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	693	693	693	693	693
2.5	711*	688	683	688	686
5.0	708	683	674	676	672
7.5	702	675	660	657	651
10.0	694	664	643	634	625
12.5	685	651	623	610	601
15.0	674	636	601	587	580
17.5	660	617	578	569	564
20.0	644	596	558	556	557
22.5	627	575	539	548	556
25.0	608	552	524	547	558
27.5	588	528	512	548	563
30.0	566	504	504	551	566
32.5	541	479	497	552	569
35.0	514	456	492	552	570
37.5	488	433	488	551	571
40.0	459	411	481	547	569
42.5	430	391	475	542	560
45.0	400	372	466	531	546
47.5	371	353	456	517	530
50.0	339	334	443	497	508
52.5	309	317	428	477	487
55.0	278	299	410	454	463
57.5	247	281	388	429	437
60.0	219	262	366	405	411
62.5	192	242	342	377	386
65.0	165	222	316	351	360
67.5	141	199	292	326	332
70.0	118	177	265	297	304
72.5	97	155	240	266	267
75.0	78	136	213	232	227
77.5	61	117	187	197	191
80.0	44	100	160	163	155
82.5	30	84	135	133	125
85.0	18	69	112	109	102
87.5	10	56	92	89	86
90.0	5	45	78	78	76
92.5	4	37	68	70	69
95.0	3	31	61	65	65
97.5	3	24	54	62	63
100.0	3	20	49	59	60
102.5	3	17	45	55	59
105.0	2	13	40	53	56
107.5	2	10	37	51	54
110.0	2	5	33	48	52
112.5	1	3	28	45	49
115.0	1	1	23	40	46
117.5	1	0	19	36	42
120.0	1	1	15	31	37
122.5	0	0	10	26	31
125.0	0	0	6	20	26
127.5	1	1	4	16	20
130.0	0	0	1	11	15
132.5	0	0	0	7	11
135.0	0	0	0	4	6
137.5	0	0	0	1	4
140.0	0	0	0	0	2
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