LIGHT LABORATORY INC.
8165 E Kaiser Blvd. Anaheim, CA 92808
www.lightlaboratory.com

NVLAP TESTING
NVLAP LAB CODE 200927-0

Report No: L022611403 **Issue Date: 3/2/2026**
Amendment: N/A **Revision Date: N/A**

Report Prepared For: FX Luminaire / Lumascape
1940 Diamond Street, San Marcos CA 92078

Model Number: CA-73-E12-S-FL-AB

Test: Photometric/Colorimetric/Electrical Test

Standards Used: Appropriate part or all test guidelines were used for test performed:

IES LM79: 2008 Approved Methods for Electrical and Photometric Measurements of Solid-State Lighting Products

ANSI/IES LM79: 2019 Approved Methods for Optical and Electrical Measurements of Solid-State Lighting Products

ANSI/NEMA C78.377: 2017 Specification of the Chromaticity of Solid State Lighting Products

ANSI C82.77-10:2014: Harmonic Emission Limits-Related Quality Requirements for Lighting Equipment

Description of Sample: Client submitted the sample. Received in working and undamaged condition. No modifications were necessary.

Special Test Condition: Fixture is tested with no special conditions.

Date of Tests: 2/27/26

Seasoning of Sample: No seasoning was performed in accordance with IESNA LM-79.

Equipment List

Equipment Used	Model No	Stock No	Calibration Due Date
Chroma Programmable AC Source	61604	PS-AC02	--
Yokogawa Digital Power Meter	WT210	MT-EL06-S3	6/21/26
HP Power Supply	6032A	PS-DC05-S2	--
Fluke Digital Thermometer	52K/J	MT-TP05	6/25/26
LLI Type C Goniophotometer System	RMG-C-MKII	CD-LL04-GC	--
LLI 2M Sphere	2MR97	CD-SN03-S2	--
LLI Spectroradiometer	SPR-3000	MT-SC01-S2	Before Use

General Information	
Manufacturer:	FX Luminaire / Lumascape
Model Number:	CA-73-E12-S-FL-AB
Driver Model Number:	N/A

Test Summary	
Total Lumens:	808.00
Efficacy:	94.27
Color Redering Index:	84.2
Correlated Color Temperature:	2910
Input Voltage (VAC/60Hz):	12.01
Input Current (Amp):	0.9991
Input Power (W):	8.57
Input Power Factor:	0.7144
Current ATHD (%):	86.3%

Test Condition	
Ambient Temperature (°C):	25.0
Stabilization Time (Hours):	0:30
Total Operating Time (Hours):	1:40



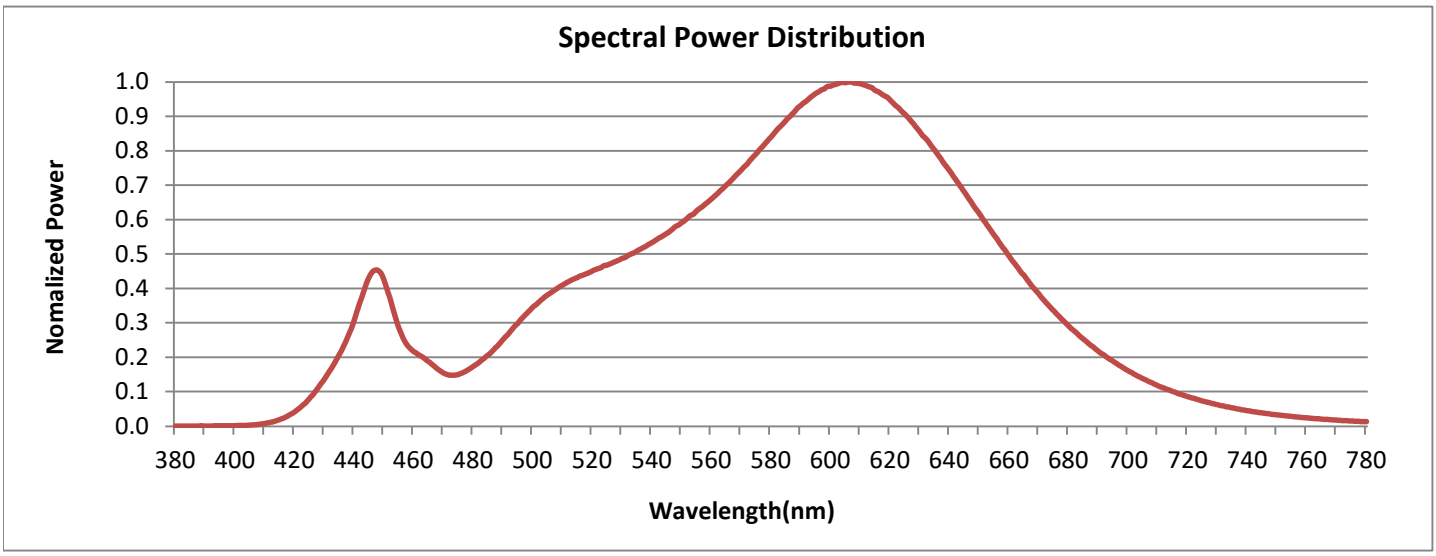
FIG. 1 LUMINAIRE

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Colorimetry Test Results

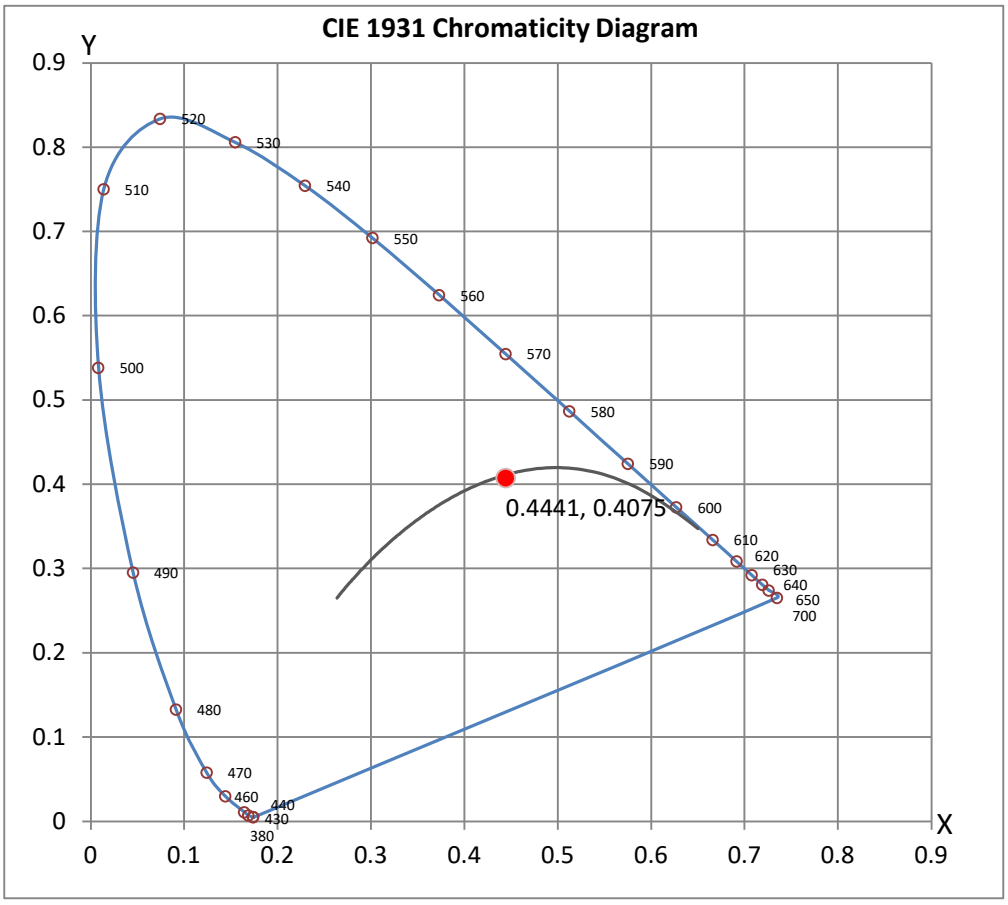


CRI & CCT

x	0.4441
y	0.4075
u'	0.2537
v'	0.5238
CRI	84.20
CCT	2910
Duv	0.00043

R Values

R1	82.36
R2	91.06
R3	97.42
R4	83.88
R5	83.45
R6	90.64
R7	83.80
R8	61.16
R9	12.99
R10	80.52
R11	84.40
R12	78.91
R13	84.21
R14	98.91
R15	74.69



Test Methods

Photometric Measurements - Goniophotometer

A Custom Light Laboratory Type C Rotating Mirror Goniophotometer was used to measure candelas(intensity) at each angle of distribution as defined by IESNA for the appropriate fixture type.

Ambient temperature is set to 25°C and is measured from the center of the fixture, within 1ft from the outside of the fixture. Temperature is maintained at 25°C throughout the testing process and the sample is stabilized for at least 30mins and longer as necessary for the sample to achieve stabilization.

Electrical measurements are measured using the listed equipment.

Spectral Measurements - Integrating Sphere

A Sensing Spectroradiometer SPR-3000, in conjunction with Light Laboratory 2 meter integrating sphere was used to measure chromaticity coordinates, correlated color temperature(CCT) and the color rendering index(CRI) for each sample.

Ambient temperature is set to 25°C and is measured from the center of the fixture, within 1ft from the outside of the fixture. Temperature is maintained at 25°C throughout the testing process and the sample is stabilized for at least 30mins and longer as necessary for the sample to achieve stabilization.

Electrical measurements are measured using the listed equipment.

Disclaimers:

The results related only to the samples as received and tested. This report must not be used by the customer to claim product certification, approval or endorsement by NVLAP, NIST or any agency of the Federal Government.

Report Prepared by : JG

Test Report Reviewed by:
Jason Gee

**Attached are photometric data reports.*

Addendum A

Report Amendment Log

Date	Reference No.	Revision Description	Revision By

LIGHT LABORATORY INC.
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Photometric Test Report

IES FLOOD REPORT
PHOTOMETRIC FILENAME : L022611403.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L022611403
[TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)
[ISSUEDATE] 2/27/2026
[MANUFAC] FX Luminaire / Lumascape
[LUMCAT] CA-73-E12-S-FL-AB
[LUMINAIRE] CA73, PAR36 ECO, 11.3VA, 3000K, Flood, Antique Bronze
[BALLASTCAT] N/A
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
[INPUT] 12 VAC
[TEST PROCEDURE] IESNA:LM-79-19

Note: Candela values converted from Type-C to Type-B

CHARACTERISTICS

NEMA Type	5 H x 5 V
Maximum Candela	1328
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	37.6
Vertical Beam Angle (50%)	37.8
Horizontal Field Angle (10%)	82.1
Vertical Field Angle (10%)	81.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	323
Beam Efficiency	N.A.
Field Lumens	680
Field Efficiency	N.A.
Spill Lumens	128
Luminaire Lumens	808
Total Efficiency	N.A.
Total Luminaire Watts	8.57
Ballast Factor	1.00

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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	0	85	0
75	1	75	0
65	12	65	0
55	52	55	11
47.5	86	47.5	55
42.5	119	42.5	91
37.5	167	37.5	132
33	230	33	186
29	308	29	253
25.5	401	25.5	334
22.5	510	22.5	434
19.5	630	19.5	545
17	751	17	661
15	848	15	754
13	944	13	854
11	1041	11	953
9	1124	9	1043
7	1195	7	1124
5	1265	5	1204
3	1290	3	1254
1	1315	1	1303
0	1328	0	1328
-1	1315	-1	1326
-3	1290	-3	1321
-5	1265	-5	1316
-7	1195	-7	1259
-9	1124	-9	1202
-11	1041	-11	1127
-13	944	-13	1036
-15	848	-15	945
-17	751	-17	847
-19.5	630	-19.5	724
-22.5	510	-22.5	596
-25.5	401	-25.5	478
-29	308	-29	372
-33	230	-33	281
-37.5	167	-37.5	206
-42.5	119	-42.5	148
-47.5	86	-47.5	108
-55	52	-55	66
-65	12	-65	30
-75	1	-75	6
-85	0	-85	0
-90	0	-90	0

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CANDELA TABULATION
Maximum Candela = 1328
Beam Edge = 664 Cd (50% of Max.)
Field Edge = 132.8 Cd (10% of Max.)
* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	-90.0	**-85.0**	**-75.0**	**-65.0**	**-55.0**	**-47.5**	**-42.5**	**-37.5**	**-33.0**	**-29.0**
90.0	0	0	0	0	0	0	0	0	0	0
85.0	0	0	0	0	0	0	0	0	0	0
75.0	0	0	0	0	0	0	0	0	0	0
65.0	0	0	0	0	0	0	0	0	0	0
55.0	0	0	0	0	1	1	1	3	3	3
47.5	0	0	0	0	2	5	8	15	19	26
42.5	0	0	0	1	2	11	20	30	40	49
37.5	0	0	0	1	8	22	34	50	63	75
33.0	0	0	1	2	13	33	50	66	82	97
29.0	0	0	1	3	18	43	63	80	100	118
25.5	0	0	1	4	24	52	72	92	115	141 *
22.5	0	0	1	5	29	58	79	103	130	160 *
19.5	0	0	1	6	33	64	86	114	147 *	182 *
17.0	0	0	1	7	37	68	91	122	160 *	204 *
15.0	0	0	1	8	39	71	96	128	170 *	220 *
13.0	0	0	1	8	42	74	100	136 *	179 *	236 *
11.0	0	0	1	9	44	77	104	143 *	190 *	250 *
9.0	0	0	1	10	47	79	108	149 *	201 *	262 *
7.0	0	0	1	10	49	81	111	154 *	210 *	276 *
5.0	0	0	1	11	50	83	114	159 *	218 *	290 *
3.0	0	0	1	11	51	84	116	163 *	224 *	299 *
1.0	0	0	1	12	52	85	118	165 *	228 *	306 *
0.0	0	0	1	12	52	86	119	167 *	230 *	308 *
-1.0	0	0	1	12	52	86	119	167 *	231 *	310 *
-3.0	0	0	1	13	52	86	119	167 *	231 *	310 *
-5.0	0	0	1	13	52	86	119	167 *	230 *	307 *
-7.0	0	0	1	13	52	86	118	165 *	227 *	300 *
-9.0	0	0	1	13	52	85	117	163 *	222 *	292 *
-11.0	0	0	1	13	51	84	115	159 *	214 *	285 *
-13.0	0	0	1	13	50	82	112	154 *	206 *	274 *
-15.0	0	0	1	13	50	80	109	148 *	200 *	262 *
-17.0	0	0	1	13	49	78	106	144 *	192 *	248 *
-19.5	0	0	1	13	47	76	102	137 *	180 *	227 *
-22.5	0	0	1	12	46	72	96	128	164 *	205 *
-25.5	0	0	1	11	43	68	90	117	149 *	185 *
-29.0	0	0	1	10	40	63	82	106	133 *	159 *
-33.0	0	0	1	8	36	57	74	93	113	136 *
-37.5	0	0	1	6	30	50	64	79	95	111
-42.5	0	0	1	5	24	42	54	65	77	87
-47.5	0	0	1	4	19	34	43	53	61	69
-55.0	0	0	1	2	11	22	29	36	41	45
-65.0	0	0	0	1	3	7	12	16	19	21
-75.0	0	0	0	0	1	1	2	3	4	4
-85.0	0	0	0	0	0	0	0	0	0	0
-90.0	0	0	0	0	0	0	0	0	0	0

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PHOTOMETRIC FILENAME : L022611403.IES

CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	-25.5	**-22.5**	**-19.5**	**-17.0**	**-15.0**	**-13.0**	**-11.0**	**-9.0**	**-7.0**	**-5.0**
90.0	0	0	0	0	0	0	0	0	0	0
85.0	0	0	0	0	0	0	0	0	0	0
75.0	0	0	0	0	0	0	0	0	0	0
65.0	0	0	0	0	0	0	0	0	0	0
55.0	6	7	9	10	10	10	10	11	11	10
47.5	32	36	40	43	45	48	50	51	53	53
42.5	57	64	71	76	79	82	84	86	87	89
37.5	85	93	101	107	111	116	121	124	127	130
33.0	109	121	135 *	144 *	151 *	157 *	164 *	171 *	177 *	181 *
29.0	137 *	153 *	171 *	188 *	201 *	212 *	221 *	229 *	237 *	245 *
25.5	163 *	189 *	215 *	234 *	254 *	273 *	290 *	305 *	316 *	325 *
22.5	193 *	224 *	256 *	290 *	315 *	336 *	356 *	381 *	402 *	417 *
19.5	224 *	262 *	310 *	347 *	381 *	418 *	451 *	480 *	502 *	520 *
17.0	248 *	301 *	353 *	407 *	452 *	493 *	529 *	570 *	605 *	632 *
15.0	272 *	331 *	393 *	459 *	507 *	553 *	607 *	654 *	692 *	722 *
13.0	297 *	360 *	438 *	508 *	563 *	626 *	684 *	736 *	779 *	815 *
11.0	321 *	386 *	480 *	554 *	626 *	695 *	759 *	817 *	868 *	909 *
9.0	342 *	420 *	518 *	606 *	684 *	759 *	830 *	896 *	954 *	1001 *
7.0	361 *	449 *	552 *	653 *	737 *	817 *	896 *	970 *	1034 *	1075 *
5.0	377 *	474 *	580 *	692 *	781 *	868 *	954 *	1035 *	1094 *	1143 *
3.0	389 *	493 *	606 *	724 *	817 *	909 *	1000 *	1082 *	1145 *	1204 *
1.0	398 *	506 *	624 *	745 *	842 *	936 *	1032 *	1115 *	1183 *	1254 *
0.0	401 *	510 *	630 *	751 *	848 *	944 *	1041 *	1124 *	1195 *	1265 *
-1.0	403 *	512 *	633 *	755 *	854 *	949 *	1047 *	1132 *	1202 *	1276 *
-3.0	404 *	512 *	632 *	754 *	852 *	949 *	1046 *	1133 *	1200 *	1265 *
-5.0	401 *	506 *	624 *	743 *	839 *	934 *	1026 *	1116 *	1182 *	1238 *
-7.0	394 *	493 *	608 *	720 *	814 *	905 *	992 *	1076 *	1152 *	1199 *
-9.0	383 *	474 *	586 *	687 *	777 *	864 *	947 *	1023 *	1091 *	1149 *
-11.0	369 *	448 *	557 *	648 *	731 *	813 *	891 *	961 *	1021 *	1070 *
-13.0	350 *	426 *	522 *	609 *	677 *	754 *	825 *	890 *	945 *	988 *
-15.0	328 *	402 *	482 *	563 *	626 *	687 *	753 *	811 *	861 *	901 *
-17.0	305 *	374 *	444 *	513 *	572 *	626 *	677 *	728 *	773 *	808 *
-19.5	282 *	335 *	400 *	452 *	498 *	548 *	593 *	632 *	665 *	691 *
-22.5	251 *	294 *	341 *	389 *	424 *	457 *	487 *	521 *	549 *	571 *
-25.5	218 *	256 *	294 *	324 *	353 *	381 *	407 *	429 *	447 *	461 *
-29.0	189 *	214 *	242 *	268 *	287 *	305 *	320 *	333 *	346 *	358 *
-33.0	155 *	175 *	196 *	212 *	223 *	234 *	245 *	257 *	266 *	273 *
-37.5	125	139 *	152 *	162 *	169 *	177 *	185 *	192 *	197 *	201 *
-42.5	99	107	115	121	126	132	136 *	140 *	143 *	145 *
-47.5	77	82	87	91	95	98	100	103	104	106
-55.0	49	53	56	58	60	62	63	64	65	65
-65.0	23	25	26	27	28	28	29	29	29	30
-75.0	5	5	5	5	6	6	6	6	6	6
-85.0	0	0	0	0	0	0	0	0	0	0
-90.0	0	0	0	0	0	0	0	0	0	0

Vert. Angles	Horizontal Angles									
	-3.0	**-1.0**	**0.0**	**1.0**	**3.0**	**5.0**	**7.0**	**9.0**	**11.0**	**13.0**
90.0	0	0	0	0	0	0	0	0	0	0
85.0	0	0	0	0	0	0	0	0	0	0
75.0	0	0	0	0	0	0	0	0	0	0
65.0	0	0	0	0	0	0	0	0	0	0

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CANDELA TABULATION - (Cont.)

55.0	10	11	11	11	10	10	11	11	10	10
47.5	54	55	55	55	54	53	53	51	50	48
42.5	89	90	91	90	89	89	87	86	84	82
37.5	131	132	132	132	131	130	127	124	121	116
33.0	184 *	185 *	186 *	185 *	184 *	181 *	177 *	171 *	164 *	157 *
29.0	250 *	253 *	253 *	253 *	250 *	245 *	237 *	229 *	221 *	212 *
25.5	331 *	334 *	334 *	334 *	331 *	325 *	316 *	305 *	290 *	273 *
22.5	427 *	433 *	434 *	433 *	427 *	417 *	402 *	381 *	356 *	336 *
19.5	535 *	544 *	545 *	544 *	535 *	520 *	502 *	480 *	451 *	418 *
17.0	651 *	660 *	661 *	660 *	651 *	632 *	605 *	570 *	529 *	493 *
15.0	743 *	755 *	754 *	755 *	743 *	722 *	692 *	654 *	607 *	553 *
13.0	840 *	853 *	854 *	853 *	840 *	815 *	779 *	736 *	684 *	626 *
11.0	937 *	953 *	953 *	953 *	937 *	909 *	868 *	817 *	759 *	695 *
9.0	1027 *	1042 *	1043 *	1042 *	1027 *	1001 *	954 *	896 *	830 *	759 *
7.0	1106 *	1122 *	1124 *	1122 *	1106 *	1075 *	1034 *	970 *	896 *	817 *
5.0	1182 *	1205 *	1204 *	1205 *	1182 *	1143 *	1094 *	1035 *	954 *	868 *
3.0	1239 *	1252 *	1254 *	1252 *	1239 *	1204 *	1145 *	1082 *	1000 *	909 *
1.0	1277 *	1298 *	1303 *	1298 *	1277 *	1254 *	1183 *	1115 *	1032 *	936 *
0.0	1290 *	1315 *	1328 *	1315 *	1290 *	1265 *	1195 *	1124 *	1041 *	944 *
-1.0	1299 *	1320 *	1326 *	1320 *	1299 *	1276 *	1202 *	1132 *	1047 *	949 *
-3.0	1305 *	1318 *	1321 *	1318 *	1305 *	1265 *	1200 *	1133 *	1046 *	949 *
-5.0	1284 *	1314 *	1316 *	1314 *	1284 *	1238 *	1182 *	1116 *	1026 *	934 *
-7.0	1235 *	1255 *	1259 *	1255 *	1235 *	1199 *	1152 *	1076 *	992 *	905 *
-9.0	1182 *	1198 *	1202 *	1198 *	1182 *	1149 *	1091 *	1023 *	947 *	864 *
-11.0	1105 *	1124 *	1127 *	1124 *	1105 *	1070 *	1021 *	961 *	891 *	813 *
-13.0	1018 *	1034 *	1036 *	1034 *	1018 *	988 *	945 *	890 *	825 *	754 *
-15.0	928 *	945 *	945 *	945 *	928 *	901 *	861 *	811 *	753 *	687 *
-17.0	832 *	845 *	847 *	845 *	832 *	808 *	773 *	728 *	677 *	626 *
-19.5	711 *	722 *	724 *	722 *	711 *	691 *	665 *	632 *	593 *	548 *
-22.5	586 *	595 *	596 *	595 *	586 *	571 *	549 *	521 *	487 *	457 *
-25.5	471 *	477 *	478 *	477 *	471 *	461 *	447 *	429 *	407 *	381 *
-29.0	367 *	372 *	372 *	372 *	367 *	358 *	346 *	333 *	320 *	305 *
-33.0	278 *	281 *	281 *	281 *	278 *	273 *	266 *	257 *	245 *	234 *
-37.5	204 *	205 *	206 *	205 *	204 *	201 *	197 *	192 *	185 *	177 *
-42.5	147 *	147 *	148 *	147 *	147 *	145 *	143 *	140 *	136 *	132
-47.5	107	107	108	107	107	106	104	103	100	98
-55.0	66	66	66	66	66	65	65	64	63	62
-65.0	30	30	30	30	30	30	29	29	29	28
-75.0	6	6	6	6	6	6	6	6	6	6
-85.0	0	0	0	0	0	0	0	0	0	0
-90.0	0	0	0	0	0	0	0	0	0	0

Vert. Angles	**Horizontal Angles**									
	15.0	**17.0**	**19.5**	**22.5**	**25.5**	**29.0**	**33.0**	**37.5**	**42.5**	**47.5**
90.0	0	0	0	0	0	0	0	0	0	0
85.0	0	0	0	0	0	0	0	0	0	0
75.0	0	0	0	0	0	0	0	0	0	0
65.0	0	0	0	0	0	0	0	0	0	0
55.0	10	10	9	7	6	3	3	3	1	1
47.5	45	43	40	36	32	26	19	15	8	5
42.5	79	76	71	64	57	49	40	30	20	11
37.5	111	107	101	93	85	75	63	50	34	22
33.0	151 *	144 *	135 *	121	109	97	82	66	50	33
29.0	201 *	188 *	171 *	153 *	137 *	118	100	80	63	43
25.5	254 *	234 *	215 *	189 *	163 *	141 *	115	92	72	52

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IES FLOOD REPORT
PHOTOMETRIC FILENAME : L022611403.IES

CANDELA TABULATION - (Cont.)

22.5	315 *	290 *	256 *	224 *	193 *	160 *	130	103	79	58
19.5	381 *	347 *	310 *	262 *	224 *	182 *	147 *	114	86	64
17.0	452 *	407 *	353 *	301 *	248 *	204 *	160 *	122	91	68
15.0	507 *	459 *	393 *	331 *	272 *	220 *	170 *	128	96	71
13.0	563 *	508 *	438 *	360 *	297 *	236 *	179 *	136 *	100	74
11.0	626 *	554 *	480 *	386 *	321 *	250 *	190 *	143 *	104	77
9.0	684 *	606 *	518 *	420 *	342 *	262 *	201 *	149 *	108	79
7.0	737 *	653 *	552 *	449 *	361 *	276 *	210 *	154 *	111	81
5.0	781 *	692 *	580 *	474 *	377 *	290 *	218 *	159 *	114	83
3.0	817 *	724 *	606 *	493 *	389 *	299 *	224 *	163 *	116	84
1.0	842 *	745 *	624 *	506 *	398 *	306 *	228 *	165 *	118	85
0.0	848 *	751 *	630 *	510 *	401 *	308 *	230 *	167 *	119	86
-1.0	854 *	755 *	633 *	512 *	403 *	310 *	231 *	167 *	119	86
-3.0	852 *	754 *	632 *	512 *	404 *	310 *	231 *	167 *	119	86
-5.0	839 *	743 *	624 *	506 *	401 *	307 *	230 *	167 *	119	86
-7.0	814 *	720 *	608 *	493 *	394 *	300 *	227 *	165 *	118	86
-9.0	777 *	687 *	586 *	474 *	383 *	292 *	222 *	163 *	117	85
-11.0	731 *	648 *	557 *	448 *	369 *	285 *	214 *	159 *	115	84
-13.0	677 *	609 *	522 *	426 *	350 *	274 *	206 *	154 *	112	82
-15.0	626 *	563 *	482 *	402 *	328 *	262 *	200 *	148 *	109	80
-17.0	572 *	513 *	444 *	374 *	305 *	248 *	192 *	144 *	106	78
-19.5	498 *	452 *	400 *	335 *	282 *	227 *	180 *	137 *	102	76
-22.5	424 *	389 *	341 *	294 *	251 *	205 *	164 *	128	96	72
-25.5	353 *	324 *	294 *	256 *	218 *	185 *	149 *	117	90	68
-29.0	287 *	268 *	242 *	214 *	189 *	159 *	133 *	106	82	63
-33.0	223 *	212 *	196 *	175 *	155 *	136 *	113	93	74	57
-37.5	169 *	162 *	152 *	139 *	125	111	95	79	64	50
-42.5	126	121	115	107	99	87	77	65	54	42
-47.5	95	91	87	82	77	69	61	53	43	34
-55.0	60	58	56	53	49	45	41	36	29	22
-65.0	28	27	26	25	23	21	19	16	12	7
-75.0	6	5	5	5	5	4	4	3	2	1
-85.0	0	0	0	0	0	0	0	0	0	0
-90.0	0	0	0	0	0	0	0	0	0	0

Vert. Angles	**Horizontal Angles**				
	55.0	**65.0**	**75.0**	**85.0**	**90.0**
90.0	0	0	0	0	0
85.0	0	0	0	0	0
75.0	0	0	0	0	0
65.0	0	0	0	0	0
55.0	1	0	0	0	0
47.5	2	0	0	0	0
42.5	2	1	0	0	0
37.5	8	1	0	0	0
33.0	13	2	1	0	0
29.0	18	3	1	0	0
25.5	24	4	1	0	0
22.5	29	5	1	0	0
19.5	33	6	1	0	0
17.0	37	7	1	0	0
15.0	39	8	1	0	0
13.0	42	8	1	0	0
11.0	44	9	1	0	0
9.0	47	10	1	0	0

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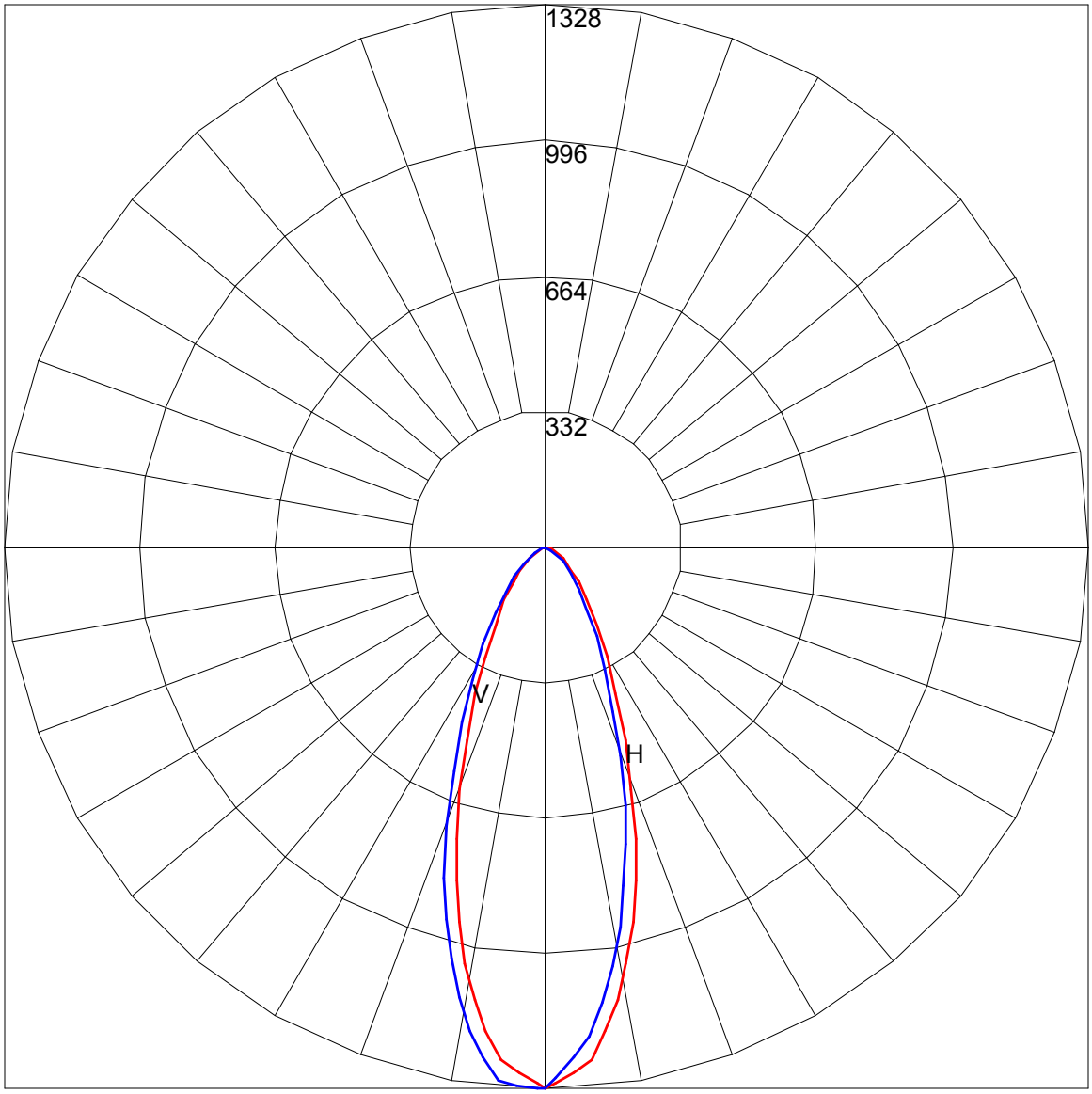
CANDELA TABULATION - (Cont.)

7.0	49	10	1	0	0
5.0	50	11	1	0	0
3.0	51	11	1	0	0
1.0	52	12	1	0	0
0.0	52	12	1	0	0
-1.0	52	12	1	0	0
-3.0	52	13	1	0	0
-5.0	52	13	1	0	0
-7.0	52	13	1	0	0
-9.0	52	13	1	0	0
-11.0	51	13	1	0	0
-13.0	50	13	1	0	0
-15.0	50	13	1	0	0
-17.0	49	13	1	0	0
-19.5	47	13	1	0	0
-22.5	46	12	1	0	0
-25.5	43	11	1	0	0
-29.0	40	10	1	0	0
-33.0	36	8	1	0	0
-37.5	30	6	1	0	0
-42.5	24	5	1	0	0
-47.5	19	4	1	0	0
-55.0	11	2	1	0	0
-65.0	3	1	0	0	0
-75.0	1	0	0	0	0
-85.0	0	0	0	0	0
-90.0	0	0	0	0	0

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AXIAL CANDELA DISPLAY

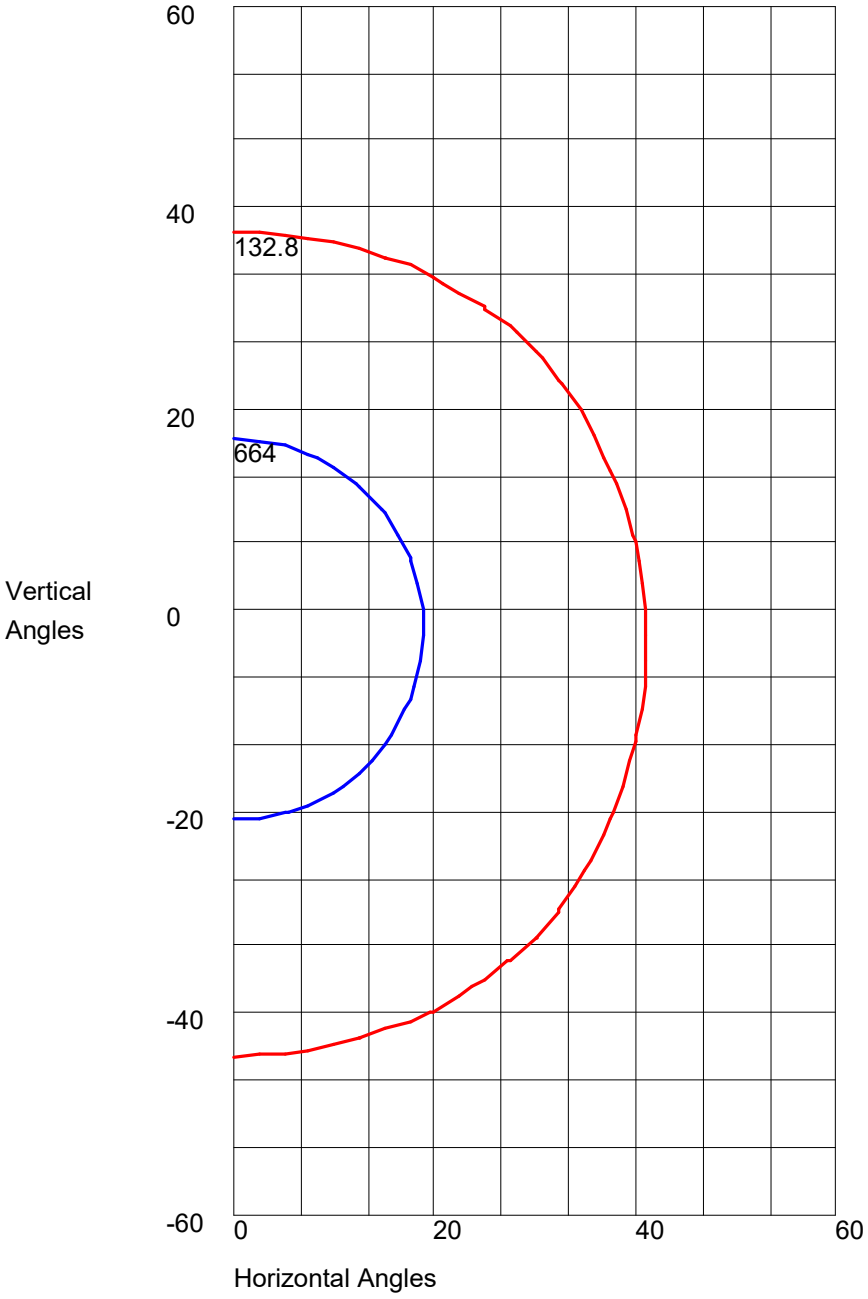


Maximum Candela = 1328 Located At Horizontal Angle = 0, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

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ISOCANDELA CURVES



Maximum Candela = 1328 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 664
10% Maximum Candela = 132.8

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