

LIGHT LABORATORY, INC.

8165 E Kaiser Blvd. Anaheim, CA 92808

SHT 1 OF 1

Test #: L0410-3005

Date: 5/3/2010

Luminaire Photometric Performance LM-79-2008

Manufacturer:	HK LIGHTING GROUP INC.
Model Number:	ZXLI-5.0-MEDIUM

Total Lumens:	533.88
Input Power (W):	21.05
Input Current (Amp):	0.35
Input Power Factor:	0.51
Efficacy:	25.36
Color Rendering Index (CRI):	85.0
Correlated Color Temperature (CCT):	2934
Chromaticity Ordinate x:	0.439
Chromaticity Ordinate y:	0.401

*Test data documentation on file and available upon request.

*All results in accordance to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting.

A					JS	5/3/10
REV.	LOG NUMBER	REVISION DESCRIPTION	REVISION BY	CHECKED BY	APPROVED BY	DATE



IES FLOOD REPORT
PHOTOMETRIC FILENAME : L04103105.IES

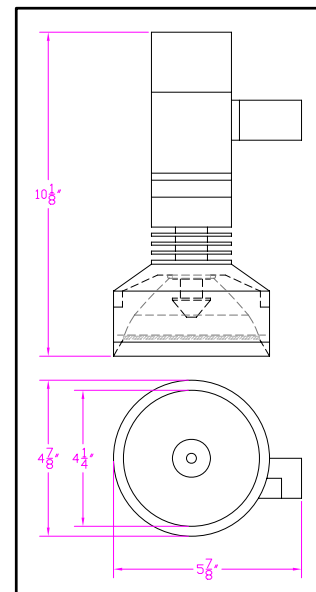
DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L0410-3105
[TESTLAB] LIGHT LABORATORY INC
[ISSUEDATE] 5/3/2010
[MANUFAC] HK LIGHTING GROUP INC.
[LUMCAT] ZXLI-5.0-MEDIUM
[LUMINAIRE] 4-7/8"DIA. X 10-1/8"H. AREA/ACCENT LED FIXTURE
[MORE] MEDIUM ANGLE REFLECTOR
[MORE] 8 WARM WHITE LEDS, FLAT TEMPERED GLASS
[LAMPPOSITION] 0,0
[LAMPCAT] WARM WHITE LED
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
[INPUT] 120VAC, 21.05W
[TEST PROCEDURE] IESNA:LM-79-08

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

CHARACTERISTICS

IES NEMA Type	4 H x 4 V
Maximum Candela	1211
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	34.2
Vertical Beam Angle (50%)	34.2
Horizontal Field Angle (10%)	63.1
Vertical Field Angle (10%)	63.1
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	244
Beam Efficiency	N.A.
Field Lumens	444
Field Efficiency	N.A.
Spill Lumens	90
Luminaire Lumens	534
Total Efficiency	N.A.
Total Luminaire Watts	21.05
Ballast Factor	1.00

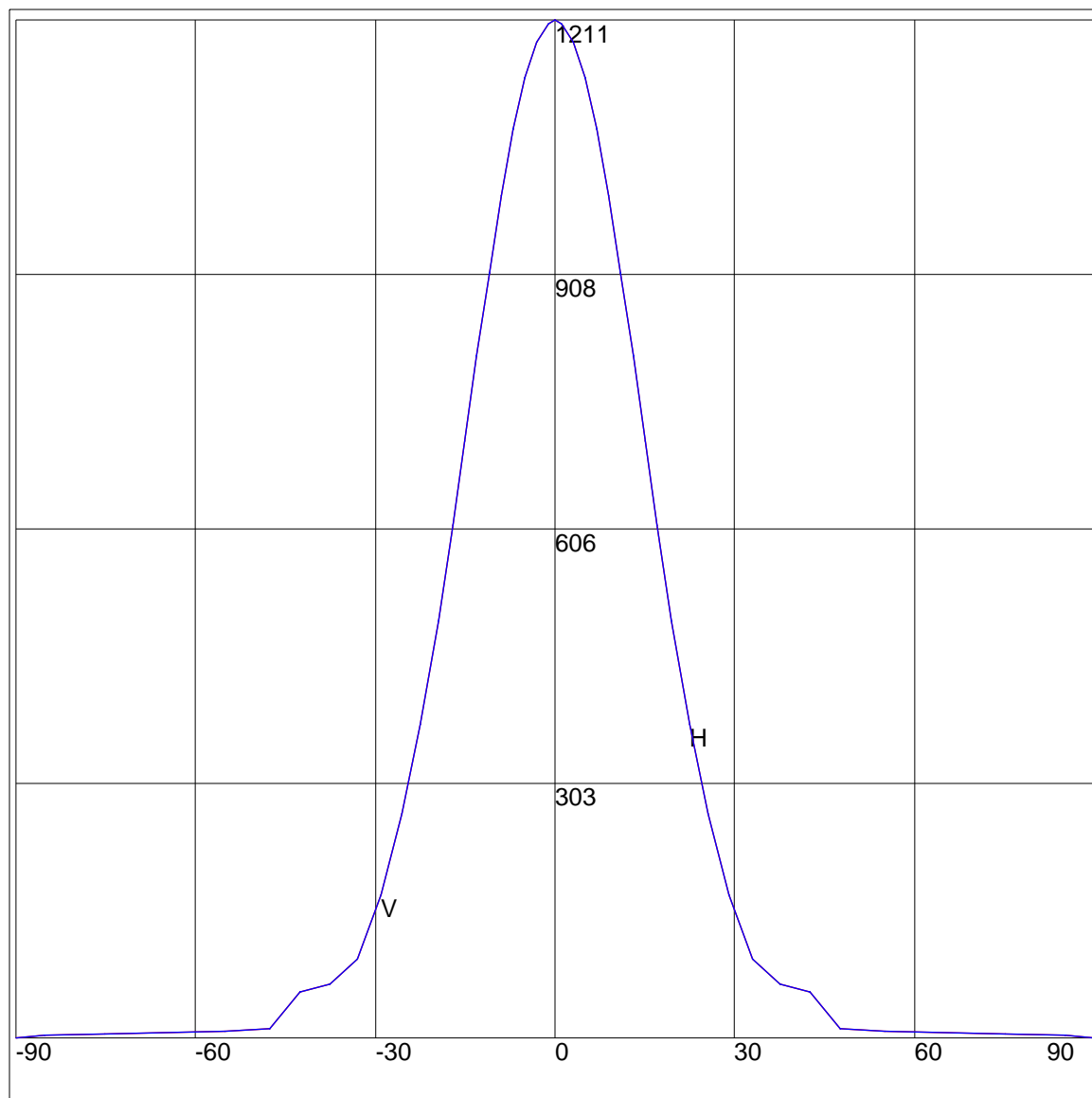


IES FLOOD REPORT
PHOTOMETRIC FILENAME : L04103105.IES

AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	4	85	4
75	5	75	5
65	7	65	7
55	8	55	8
47.5	12	47.5	12
42.5	56	42.5	56
37.5	65	37.5	65
33	94	33	94
29	170	29	170
25.5	267	25.5	267
22.5	373	22.5	373
19.5	496	19.5	496
17	611	17	611
15	710	15	710
13	812	13	812
11	910	11	910
9	1002	9	1002
7	1081	7	1081
5	1143	5	1143
3	1184	3	1184
1	1207	1	1207
0	1211	0	1211
-1	1207	-1	1207
-3	1184	-3	1184
-5	1143	-5	1143
-7	1081	-7	1081
-9	1002	-9	1002
-11	910	-11	910
-13	812	-13	812
-15	710	-15	710
-17	611	-17	611
-19.5	496	-19.5	496
-22.5	373	-22.5	373
-25.5	267	-25.5	267
-29	170	-29	170
-33	94	-33	94
-37.5	65	-37.5	65
-42.5	56	-42.5	56
-47.5	12	-47.5	12
-55	8	-55	8
-65	7	-65	7
-75	5	-75	5
-85	4	-85	4
-90	0	-90	0

AXIAL CANDELA DISPLAY

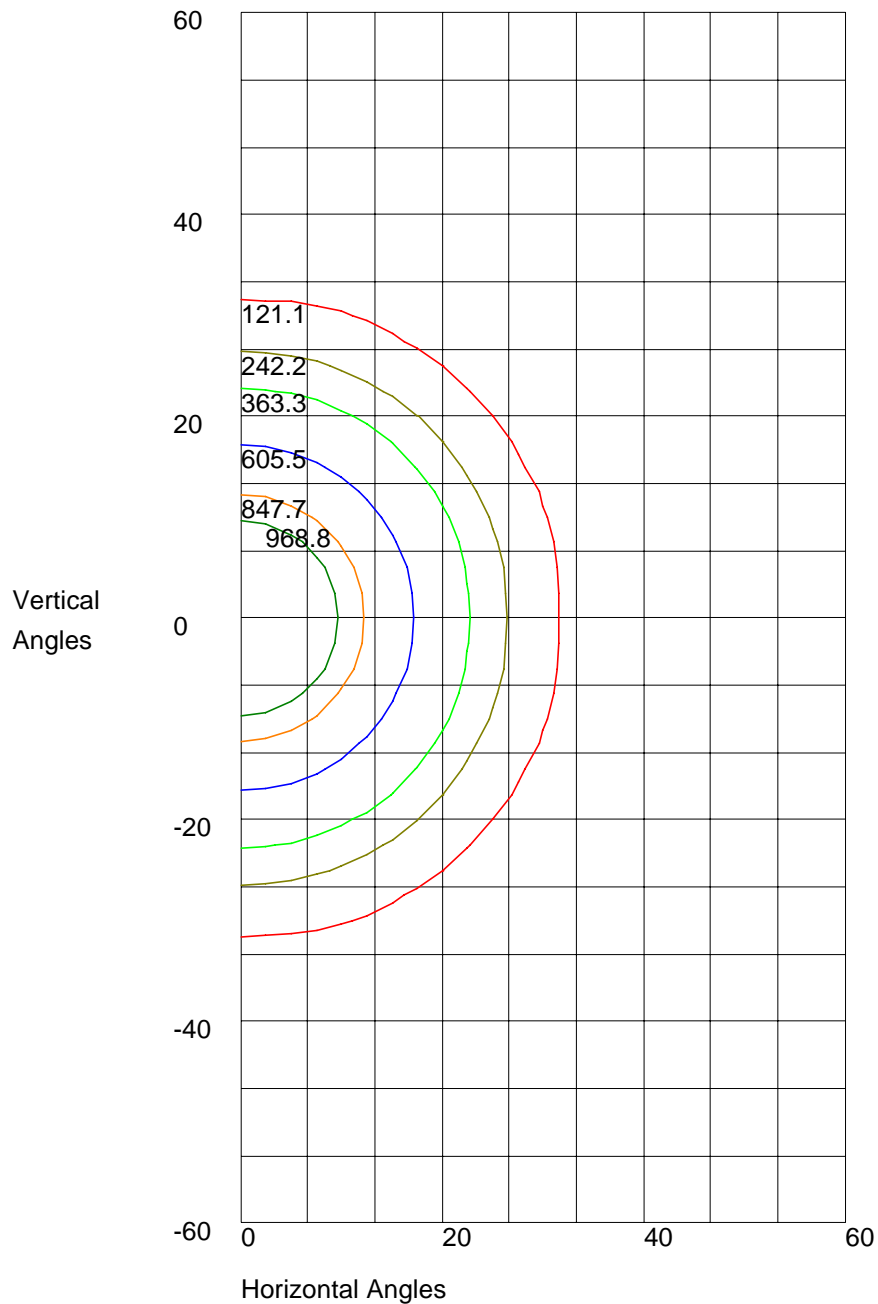


Maximum Candela = 1211 Located At Horizontal Angle = 0, Vertical Angle = 0

H - Horizontal Axial Candela

V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 1211 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 605.5
10% Maximum Candela = 121.1