

LIGHT LABORATORY, INC.

8165 E Kaiser Blvd. Anaheim, CA 92808

SHT 1 OF 1

Test #: L0410-3006

Date: 5/3/2010

Luminaire Photometric Performance LM-79-2008

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

Total Lumens:	521.81
Input Power (W):	21.05
Input Current (Amp):	0.35
Input Power Factor:	0.51
Efficacy:	24.79
Color Rendering Index (CRI):	85.4
Correlated Color Temperature (CCT):	2972
Chromaticity Ordinate x:	0.435
Chromaticity Ordinate y:	0.398

*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 : L04103106.IES

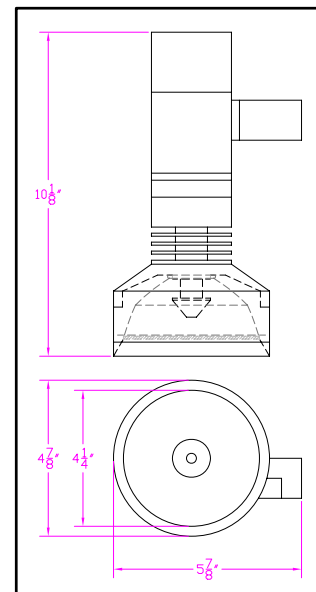
DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L0410-3106
[TESTLAB] LIGHT LABORATORY INC
[ISSUEDATE] 5/3/2010
[MANUFAC] HK LIGHTING GROUP INC.
[LUMCAT] ZXLI-5.0-WIDE
[LUMINAIRE] 4-7/8"DIA. X 10-1/8"H. AREA/ACCENT LED FIXTURE
[MORE] WIDE 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	5 H x 5 V
Maximum Candela	868
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	42.2
Vertical Beam Angle (50%)	42.2
Horizontal Field Angle (10%)	74.5
Vertical Field Angle (10%)	74.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	262
Beam Efficiency	N.A.
Field Lumens	453
Field Efficiency	N.A.
Spill Lumens	68
Luminaire Lumens	522
Total Efficiency	N.A.
Total Luminaire Watts	21.05
Ballast Factor	1.00

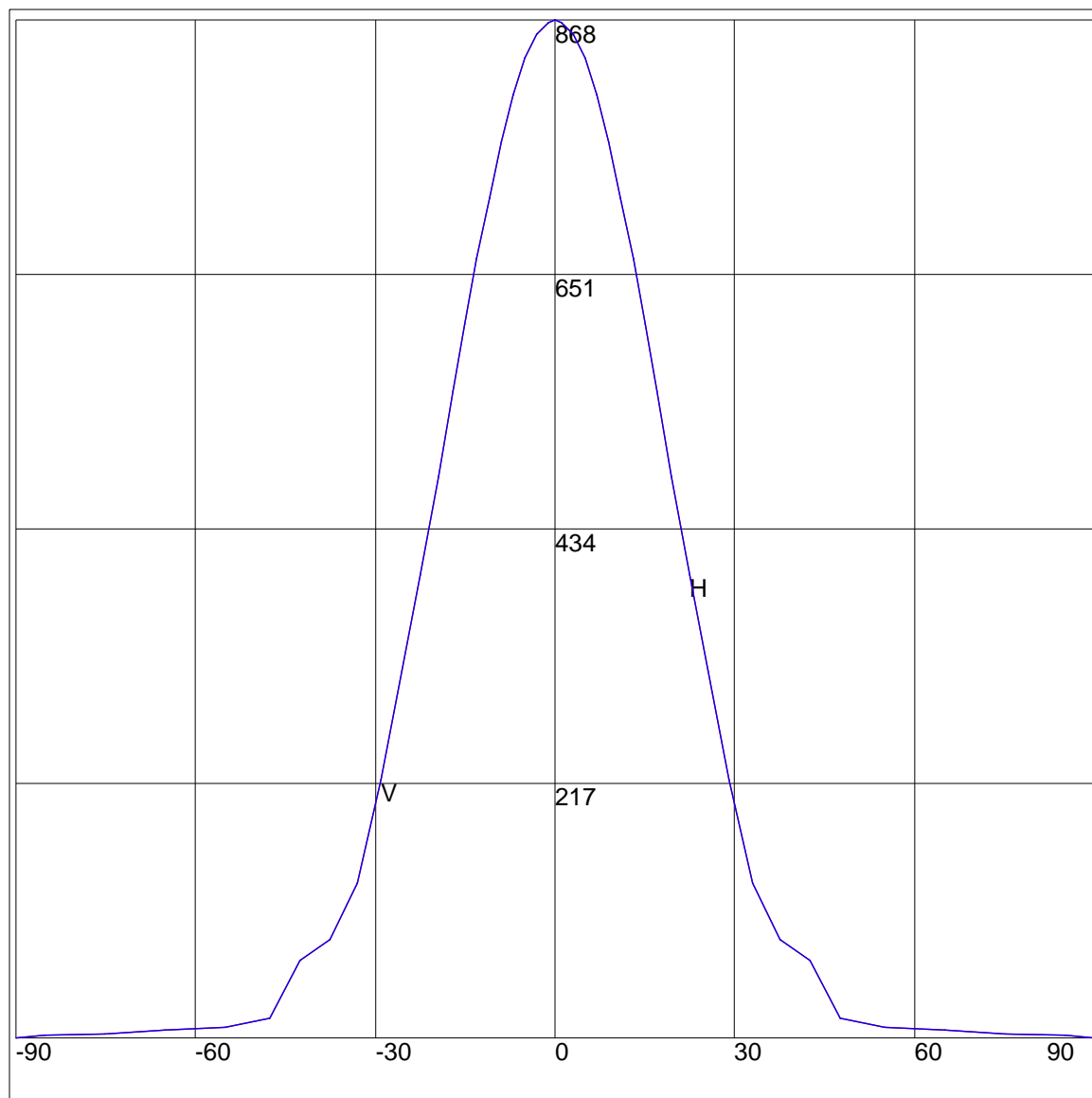


IES FLOOD REPORT
PHOTOMETRIC FILENAME : L04103106.IES

AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	3	85	3
75	4	75	4
65	7	65	7
55	10	55	10
47.5	17	47.5	17
42.5	66	42.5	66
37.5	84	37.5	84
33	132	33	132
29	221	29	221
25.5	313	25.5	313
22.5	395	22.5	395
19.5	479	19.5	479
17	552	17	552
15	609	15	609
13	665	13	665
11	716	11	716
9	764	9	764
7	804	7	804
5	836	5	836
3	856	3	856
1	866	1	866
0	868	0	868
-1	866	-1	866
-3	856	-3	856
-5	836	-5	836
-7	804	-7	804
-9	764	-9	764
-11	716	-11	716
-13	665	-13	665
-15	609	-15	609
-17	552	-17	552
-19.5	479	-19.5	479
-22.5	395	-22.5	395
-25.5	313	-25.5	313
-29	221	-29	221
-33	132	-33	132
-37.5	84	-37.5	84
-42.5	66	-42.5	66
-47.5	17	-47.5	17
-55	10	-55	10
-65	7	-65	7
-75	4	-75	4
-85	3	-85	3
-90	0	-90	0

AXIAL CANDELA DISPLAY

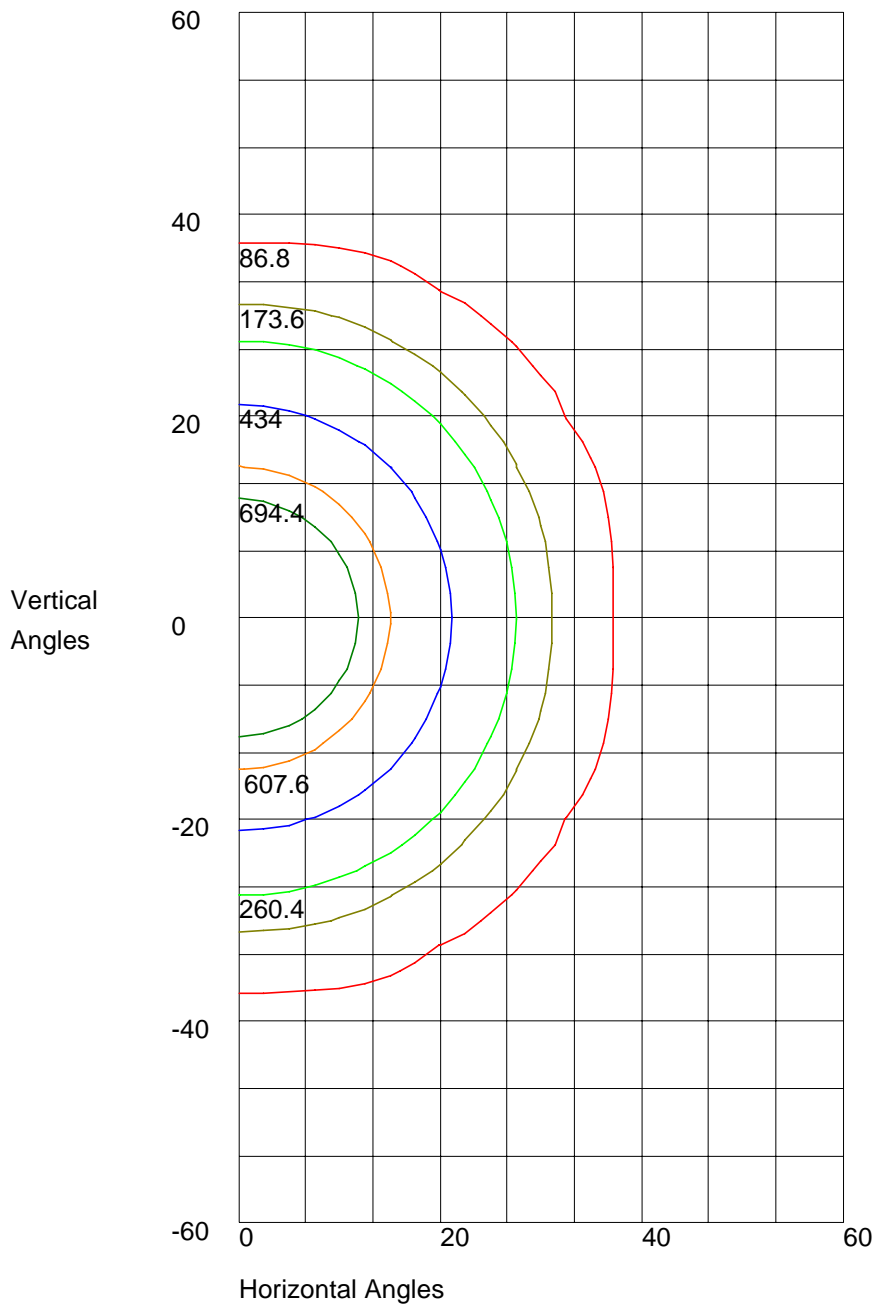


Maximum Candela = 868 Located At Horizontal Angle = 0, Vertical Angle = 0

H - Horizontal Axial Candela

V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 868 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 434
10% Maximum Candela = 86.8