



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

Photometric Test Report

IES FLOOD REPORT
PHOTOMETRIC FILENAME : L061805930.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] L061805930
 [TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)
 [ISSUEDATE] 7/11/2018
 [MANUFAC] USTE, dba Vista Professional Outdoor Lighting
 [LUMCAT] RK91-B-MF-30-B-MV-CX-ND-LSF
 [LUMINAIRE] LED Ingrade, MF Distribution, Linear Spread Filter
 [BALLASTCAT] THOMAS RESEARCH PRODUCTS LED40W-045-C0900-D(700mA)
 [OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
 [MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
 [TEST CONDITION] CANDELA VALUES AND ELECTRICALS ARE GENERATED FROM LIGHT LABORATORY
 [MORE] REPORT L061805929 BY USING DRIVER OUTPUT CURRENT RATIO OF 0.77.
 [INPUT] 120VAC, 27.59W
 [TEST PROCEDURE] IESNA:LM-79-08

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

CHARACTERISTICS

NEMA Type	5 H x 5 V
Maximum Candela	2316
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	45.3
Vertical Beam Angle (50%)	45.3
Horizontal Field Angle (10%)	82.4
Vertical Field Angle (10%)	82.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	831
Beam Efficiency	N.A.
Field Lumens	1429
Field Efficiency	N.A.
Spill Lumens	340
Luminaire Lumens	1768
Total Efficiency	N.A.
Total Luminaire Watts	27.59
Ballast Factor	1.00

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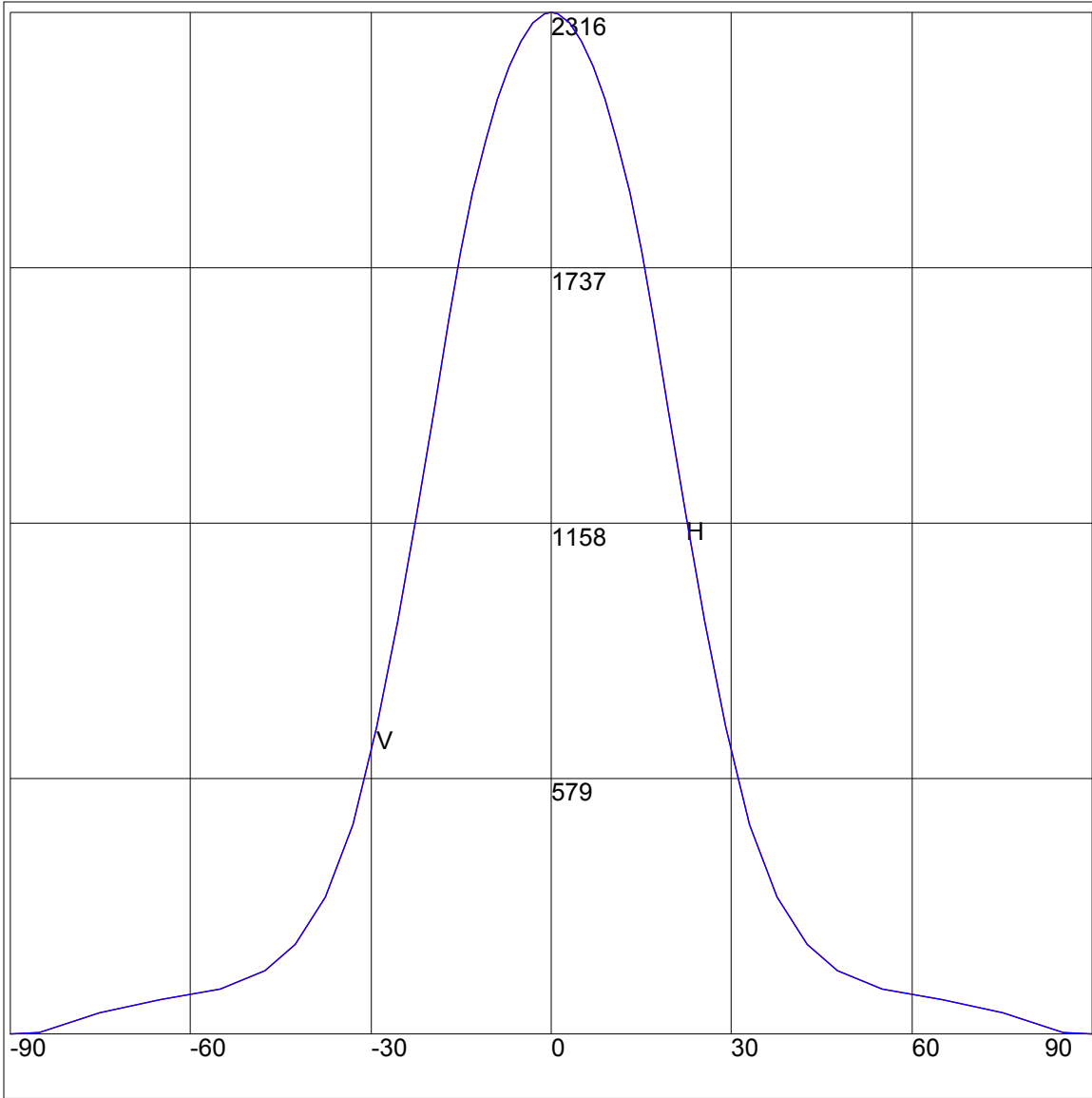
AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	5	85	5
75	48	75	48
65	79	65	79
55	102	55	102
47.5	144	47.5	144
42.5	203	42.5	203
37.5	312	37.5	312
33	477	33	477
29	695	29	695
25.5	936	25.5	936
22.5	1170	22.5	1170
19.5	1418	19.5	1418
17	1622	17	1622
15	1773	15	1773
13	1907	13	1907
11	2024	11	2024
9	2118	9	2118
7	2195	7	2195
5	2251	5	2251
3	2291	3	2291
1	2312	1	2312
0	2316	0	2316
-1	2312	-1	2312
-3	2291	-3	2291
-5	2251	-5	2251
-7	2195	-7	2195
-9	2118	-9	2118
-11	2024	-11	2024
-13	1907	-13	1907
-15	1773	-15	1773
-17	1622	-17	1622
-19.5	1418	-19.5	1418
-22.5	1170	-22.5	1170
-25.5	936	-25.5	936
-29	695	-29	695
-33	477	-33	477
-37.5	312	-37.5	312
-42.5	203	-42.5	203
-47.5	144	-47.5	144
-55	102	-55	102
-65	79	-65	79
-75	48	-75	48
-85	5	-85	5
-90	0	-90	0

ZONAL LUMEN SUMMARY

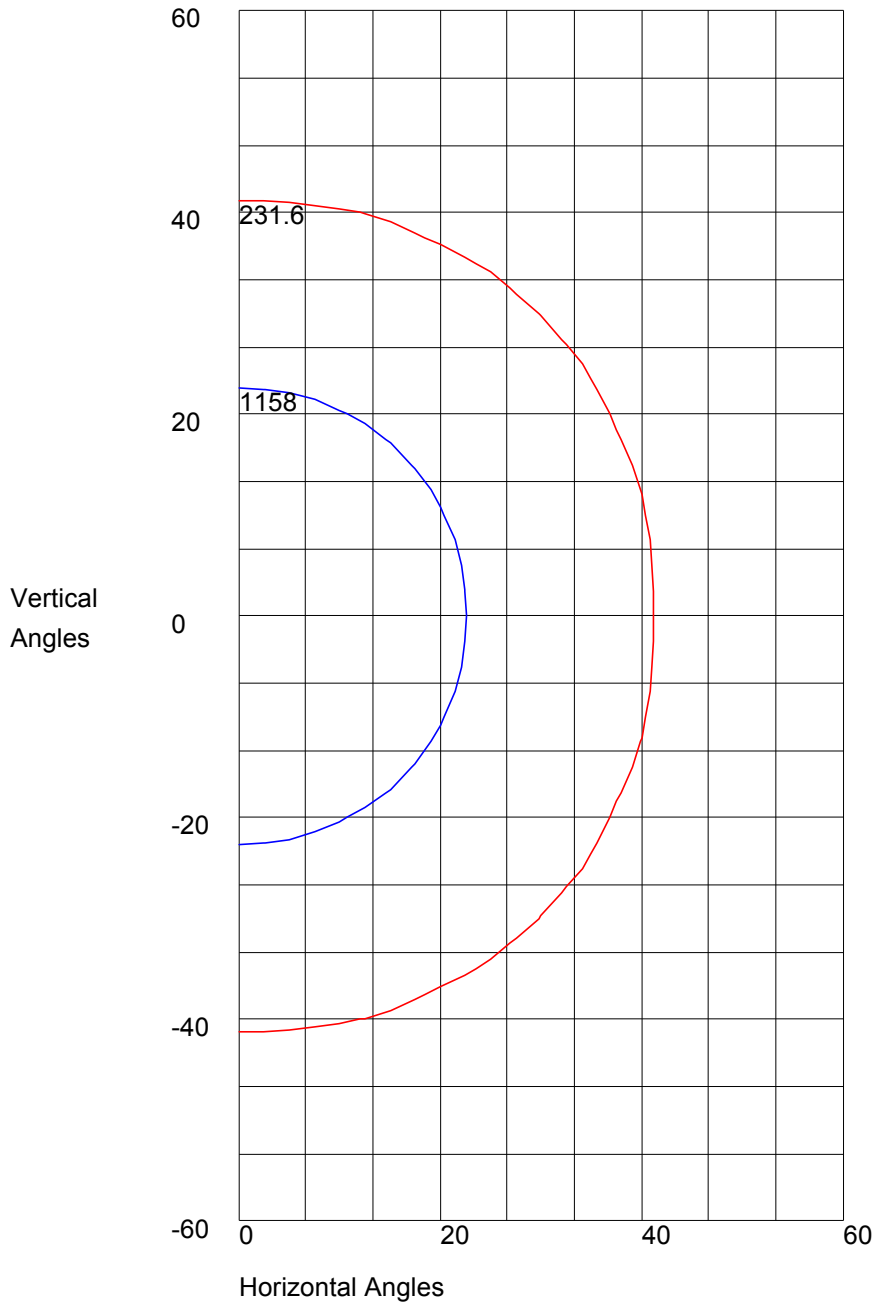
Zone	%
0-20	37.9
0-30	62.6
0-40	76.4
0-60	89.8
0-80	98.3
0-90	100
10-90	90.3
20-40	38.5
20-50	47.4
40-70	18.2
60-80	8.5
70-80	3.7
80-90	1.7
90-110	0
90-120	0
90-130	0
90-150	0
90-180	0
110-180	0
0-180	100

AXIAL CANDELA DISPLAY



Maximum Candela = 2316 Located At Horizontal Angle = 0, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 2316 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 1158
10% Maximum Candela = 231.6