



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

Photometric Test Report

IES FLOOD REPORT
PHOTOMETRIC FILENAME : L061805933.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L061805933
[TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)
[ISSUEDATE] 7/12/2018
[MANUFAC] USTE, dba Vista Professional Outdoor Lighting
[LUMCAT] RK91-B-VNS-30-A-MV-CX-ND-LSF
[LUMINAIRE] LED Ingrade, VNS Distribution, Linear Spread Filter
[BALLASTCAT] ENERGY RECOVERY PRODUCTS ESP040W-0900-42(900mA)
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
[INPUT] 120VAC, 35.72W
[TEST PROCEDURE] IESNA:LM-79-08

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

CHARACTERISTICS

NEMA Type	3 H x 4 V
Maximum Candela	4654
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	16.3
Vertical Beam Angle (50%)	35.3
Horizontal Field Angle (10%)	34.8
Vertical Field Angle (10%)	67.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	438
Beam Efficiency	N.A.
Field Lumens	908
Field Efficiency	N.A.
Spill Lumens	326
Luminaire Lumens	1234
Total Efficiency	N.A.
Total Luminaire Watts	35.72
Ballast Factor	1.00

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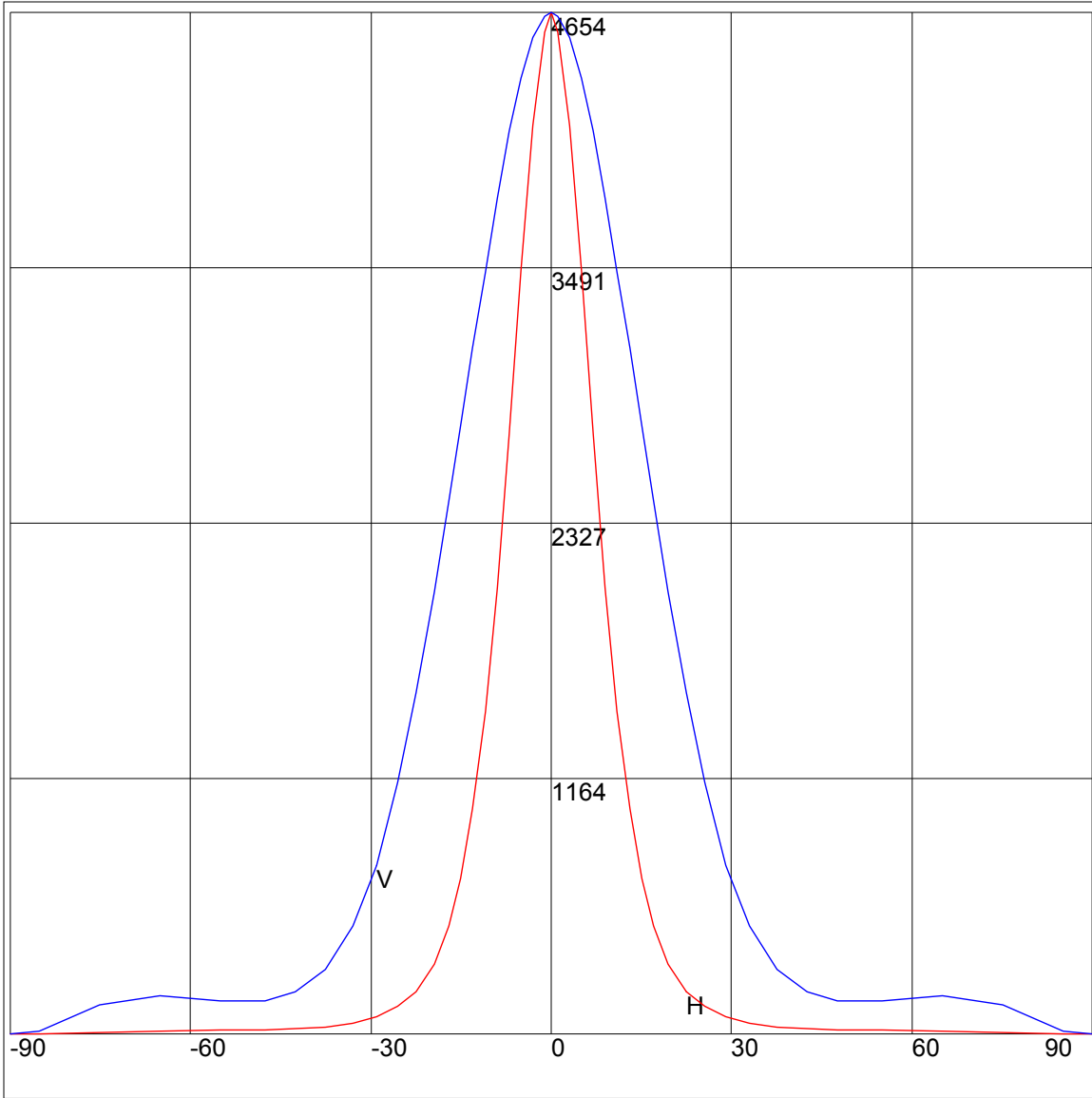
AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	1	85	14
75	8	75	135
65	17	65	177
55	20	55	152
47.5	22	47.5	154
42.5	26	42.5	194
37.5	35	37.5	298
33	53	33	494
29	80	29	771
25.5	127	25.5	1148
22.5	195	22.5	1555
19.5	319	19.5	2019
17	495	17	2432
15	712	15	2774
13	1029	13	3123
11	1470	11	3473
9	2032	9	3809
7	2736	7	4112
5	3481	5	4357
3	4140	3	4541
1	4566	1	4639
0	4654	0	4654
-1	4566	-1	4639
-3	4140	-3	4541
-5	3481	-5	4357
-7	2736	-7	4112
-9	2032	-9	3809
-11	1470	-11	3473
-13	1029	-13	3123
-15	712	-15	2774
-17	495	-17	2432
-19.5	319	-19.5	2019
-22.5	195	-22.5	1555
-25.5	127	-25.5	1148
-29	80	-29	771
-33	53	-33	494
-37.5	35	-37.5	298
-42.5	26	-42.5	194
-47.5	22	-47.5	154
-55	20	-55	152
-65	17	-65	177
-75	8	-75	135
-85	1	-85	14
-90	0	-90	0

ZONAL LUMEN SUMMARY

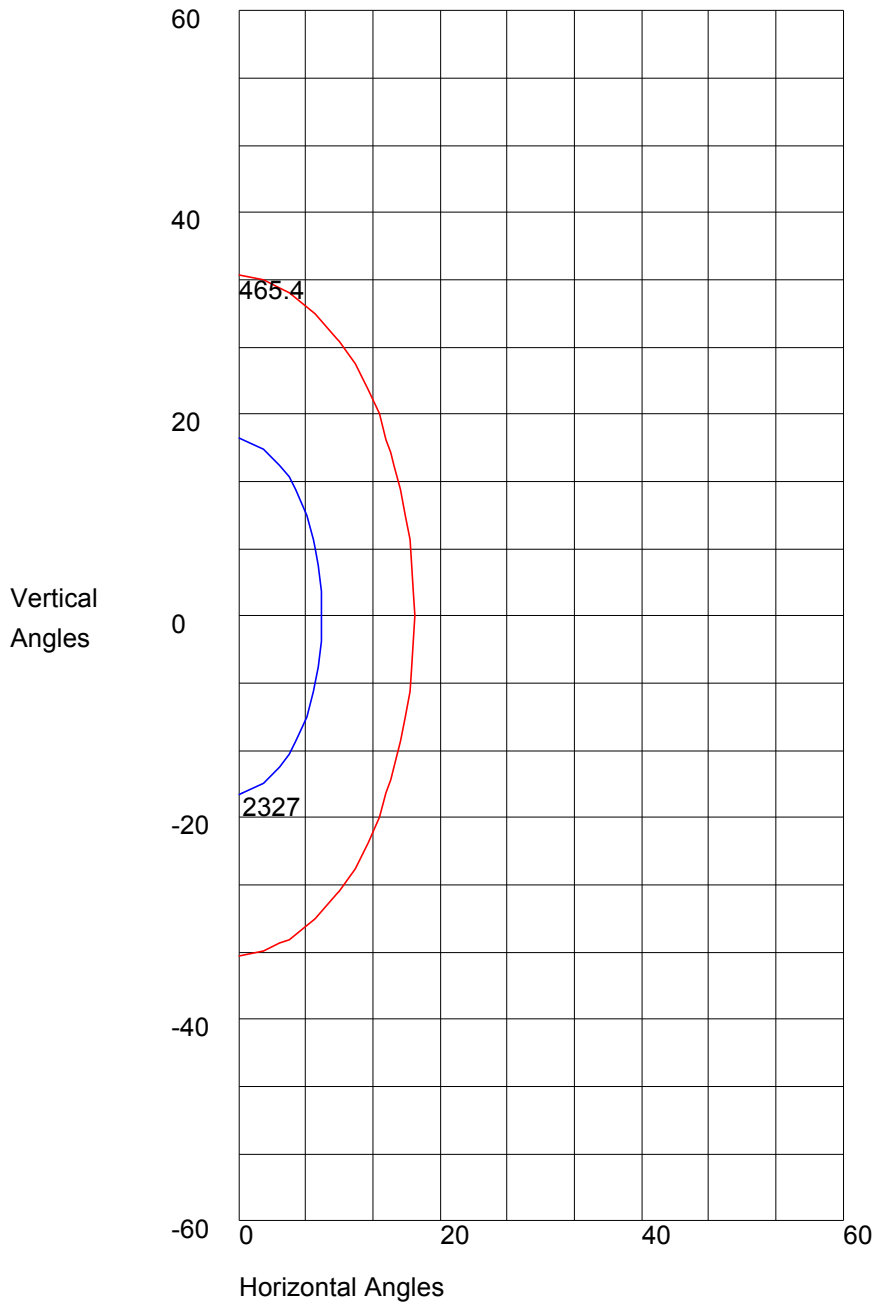
Zone	%
0-20	60.5
0-30	78.2
0-40	85.5
0-60	93.2
0-80	99.5
0-90	100
10-90	73.4
20-40	24.9
20-50	28.9
40-70	11.5
60-80	6.3
70-80	2.6
80-90	0.5
90-110	0
90-120	0
90-130	0
90-150	0
90-180	0
110-180	0
0-180	100

AXIAL CANDELA DISPLAY



Maximum Candela = 4654 Located At Horizontal Angle = 0, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 4654 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 2327
10% Maximum Candela = 465.4