



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

Photometric Test Report

IES FLOOD REPORT
PHOTOMETRIC FILENAME : L061805921.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L061805921
[TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)
[ISSUEDATE] 7/11/2018
[MANUFAC] USTE, dba Vista Professional Outdoor Lighting
[LUMCAT] 1057-X-NS-30-A-MV-ND-LSF
[LUMINAIRE] LED Floodlight, NS Distribution, Linear Spread Filter
[BALLASTCAT] THOMAS RESEARCH PRODUCTS LED40W-045-C0900-D(450mA)
[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 L061805919 BY USING DRIVER OUTPUT CURRENT RATIO OF 0.5.
[INPUT] 120VAC, 18.71W
[TEST PROCEDURE] IESNA:LM-79-08

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

CHARACTERISTICS

NEMA Type	3 H x 5 V
Maximum Candela	3815
Maximum Candela Angle	0H -1V
Horizontal Beam Angle (50%)	13.8
Vertical Beam Angle (50%)	52.7
Horizontal Field Angle (10%)	40.6
Vertical Field Angle (10%)	87.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	497
Beam Efficiency	N.A.
Field Lumens	1021
Field Efficiency	N.A.
Spill Lumens	249
Luminaire Lumens	1270
Total Efficiency	N.A.
Total Luminaire Watts	18.71
Ballast Factor	1.00

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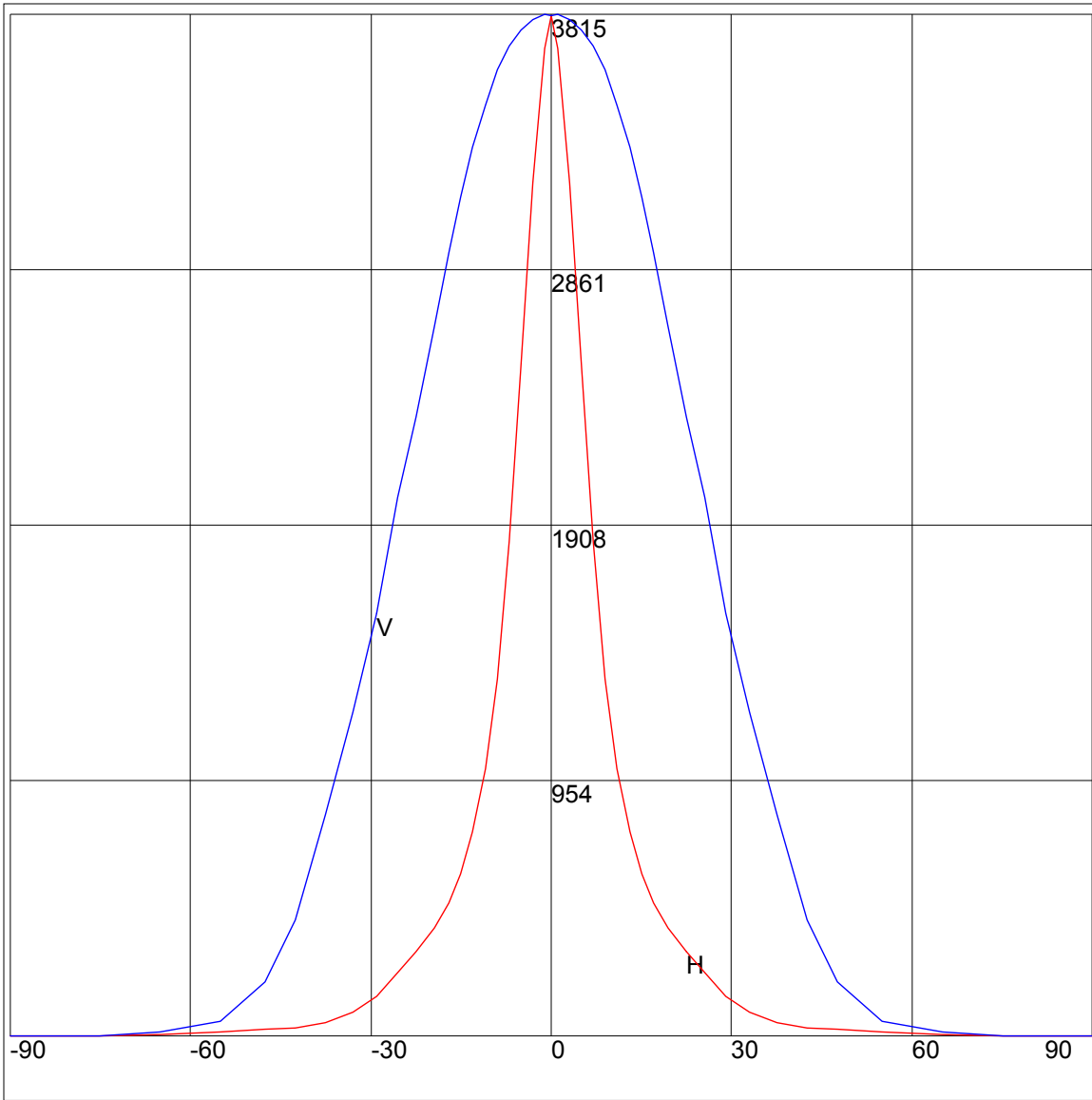
AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	0	85	0
75	2	75	3
65	9	65	15
55	17	55	55
47.5	25	47.5	205
42.5	32	42.5	436
37.5	50	37.5	830
33	90	33	1211
29	152	29	1581
25.5	236	25.5	2011
22.5	316	22.5	2312
19.5	405	19.5	2651
17	499	17	2928
15	607	15	3130
13	765	13	3317
11	1002	11	3477
9	1335	9	3607
7	1850	7	3697
5	2501	5	3754
3	3184	3	3796
1	3687	1	3815
0	3811	0	3811
-1	3687	-1	3815
-3	3184	-3	3796
-5	2501	-5	3754
-7	1850	-7	3697
-9	1335	-9	3607
-11	1002	-11	3477
-13	765	-13	3317
-15	607	-15	3130
-17	499	-17	2928
-19.5	405	-19.5	2651
-22.5	316	-22.5	2312
-25.5	236	-25.5	2011
-29	152	-29	1581
-33	90	-33	1211
-37.5	50	-37.5	830
-42.5	32	-42.5	436
-47.5	25	-47.5	205
-55	17	-55	55
-65	9	-65	15
-75	2	-75	3
-85	0	-85	0
-90	0	-90	0

ZONAL LUMEN SUMMARY

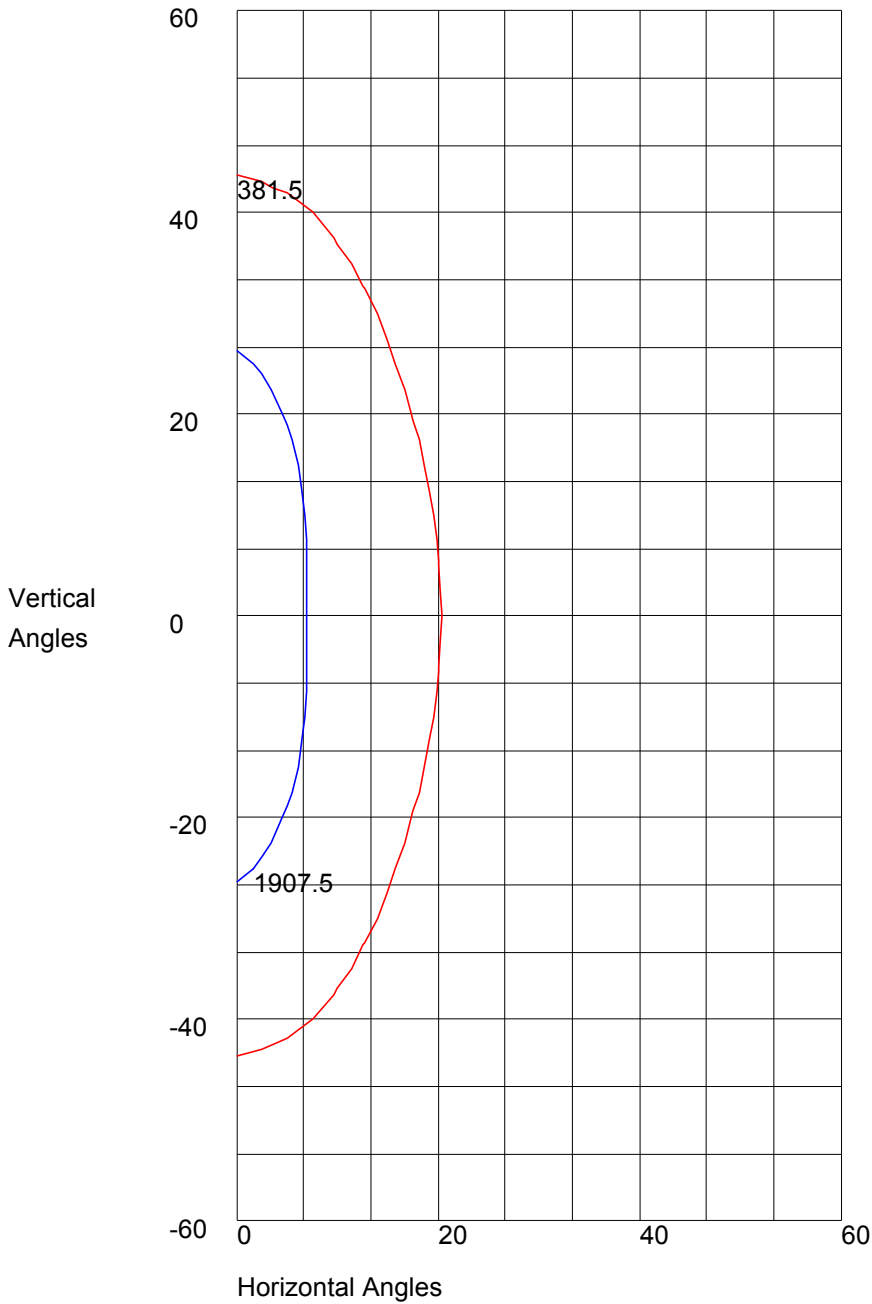
Zone	%
0-20	51.5
0-30	75.8
0-40	90.7
0-60	98.9
0-80	100
0-90	100
10-90	79.4
20-40	39.1
20-50	45.3
40-70	9.1
60-80	1.1
70-80	0.2
80-90	0
90-110	0
90-120	0
90-130	0
90-150	0
90-180	0
110-180	0
0-180	100

AXIAL CANDELA DISPLAY



Maximum Candela = 3815 Located At Horizontal Angle = 0, Vertical Angle = -1
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 3815 Located At Horizontal Angle = 0, Vertical Angle = -1
50% Maximum Candela = 1907.5
10% Maximum Candela = 381.5