



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

Photometric Test Report

IES FLOOD REPORT
PHOTOMETRIC FILENAME : L061805929.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L061805929
[TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)
[ISSUEDATE] 7/11/2018
[MANUFAC] USTE, dba Vista Professional Outdoor Lighting
[LUMCAT] RK91-B-MF-30-C-MV-CX-ND-LSF
[LUMINAIRE] LED Ingrade, MF Distribution, Linear Spread Filter
[BALLASTCAT] THOMAS RESEARCH PRODUCTS LED40W-045-C0900-D(900mA)
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
[INPUT] 120VAC, 35.83W
[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	3008
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	1079
Beam Efficiency	N.A.
Field Lumens	1856
Field Efficiency	N.A.
Spill Lumens	442
Luminaire Lumens	2297
Total Efficiency	N.A.
Total Luminaire Watts	35.83
Ballast Factor	1.00

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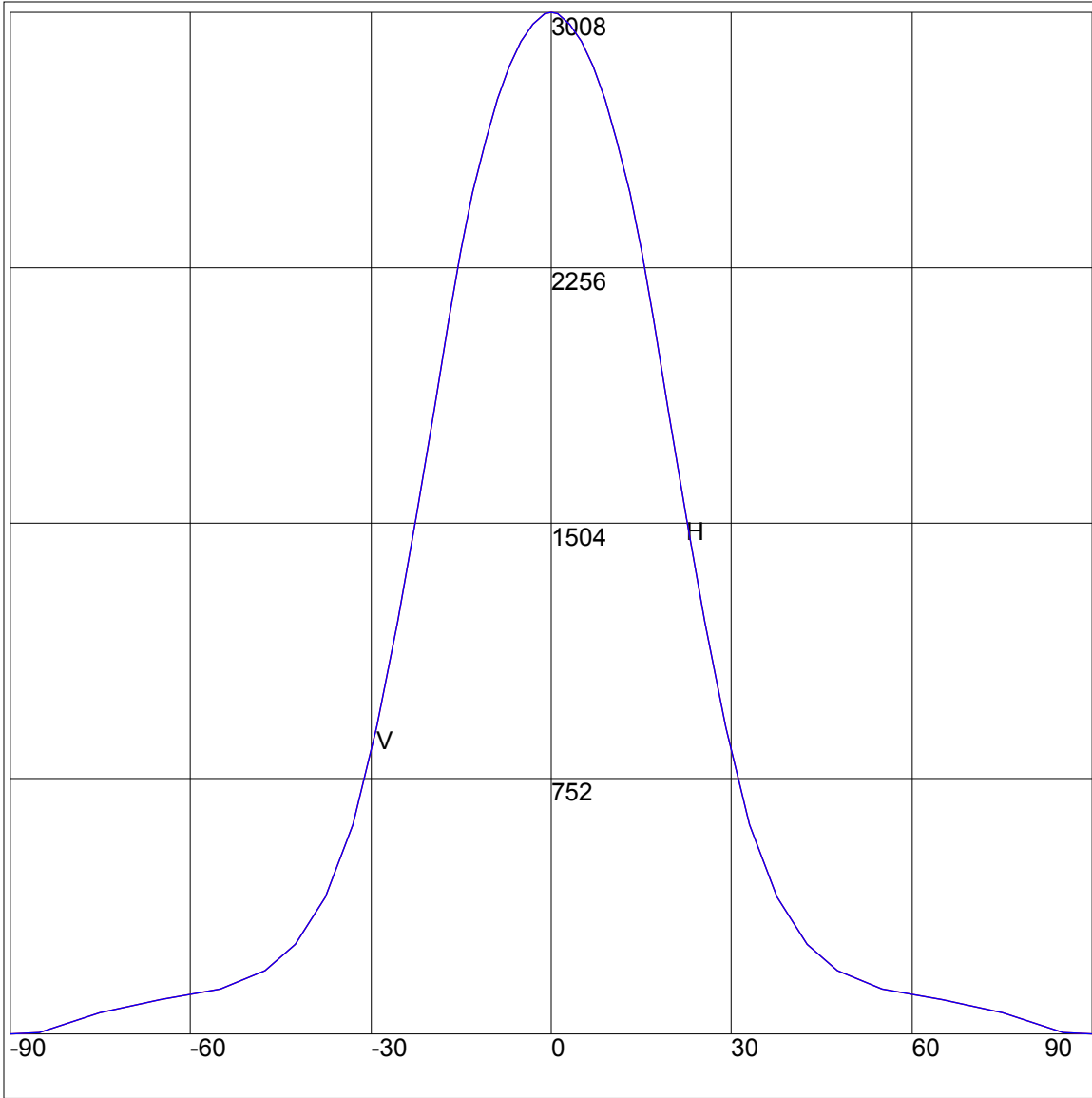
AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	7	85	7
75	62	75	62
65	103	65	103
55	133	55	133
47.5	187	47.5	187
42.5	264	42.5	264
37.5	405	37.5	405
33	619	33	619
29	903	29	903
25.5	1215	25.5	1215
22.5	1520	22.5	1520
19.5	1842	19.5	1842
17	2107	17	2107
15	2302	15	2302
13	2477	13	2477
11	2628	11	2628
9	2751	9	2751
7	2850	7	2850
5	2924	5	2924
3	2975	3	2975
1	3003	1	3003
0	3008	0	3008
-1	3003	-1	3003
-3	2975	-3	2975
-5	2924	-5	2924
-7	2850	-7	2850
-9	2751	-9	2751
-11	2628	-11	2628
-13	2477	-13	2477
-15	2302	-15	2302
-17	2107	-17	2107
-19.5	1842	-19.5	1842
-22.5	1520	-22.5	1520
-25.5	1215	-25.5	1215
-29	903	-29	903
-33	619	-33	619
-37.5	405	-37.5	405
-42.5	264	-42.5	264
-47.5	187	-47.5	187
-55	133	-55	133
-65	103	-65	103
-75	62	-75	62
-85	7	-85	7
-90	0	-90	0

ZONAL LUMEN SUMMARY

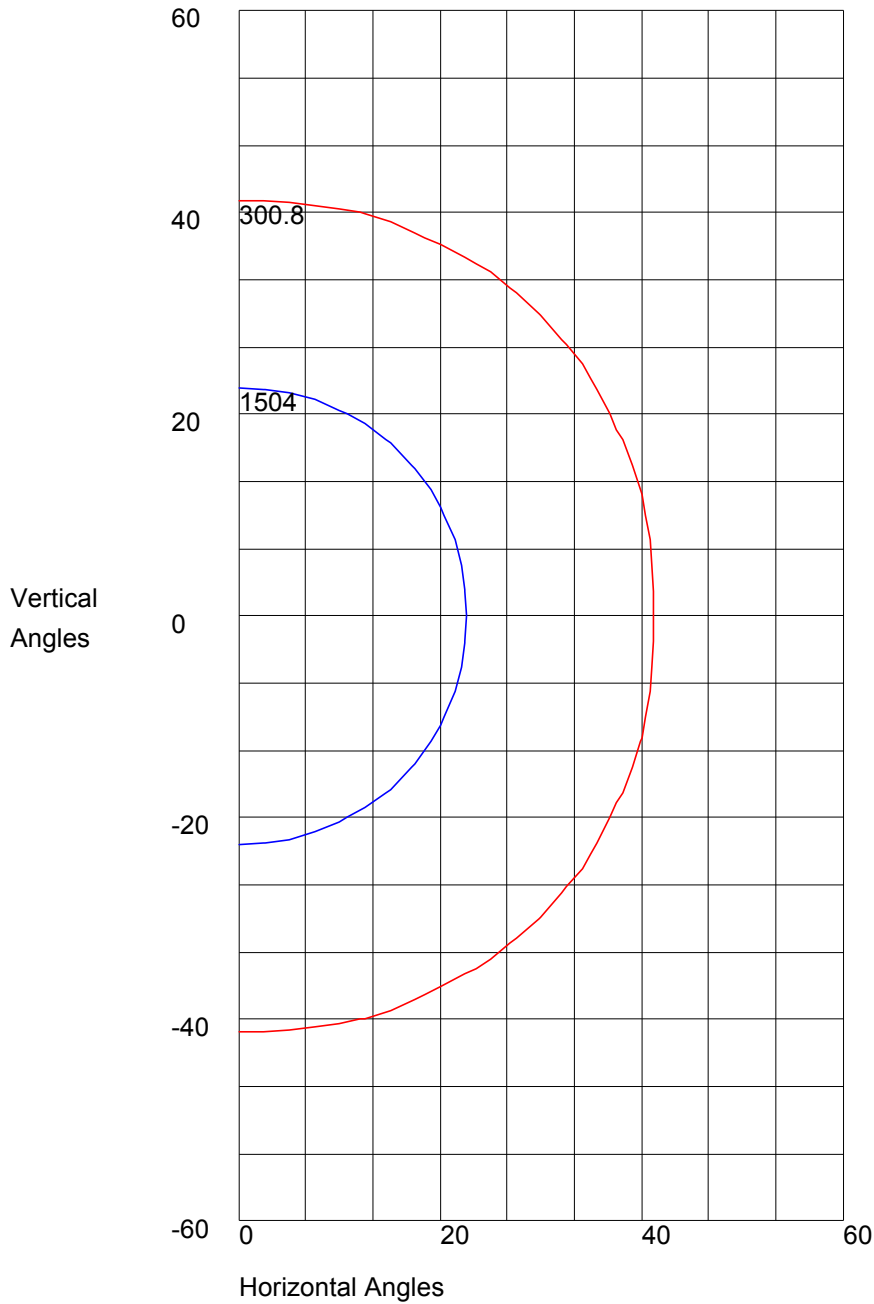
Zone	%
0-20	37.9
0-30	62.5
0-40	76.4
0-60	89.7
0-80	98.3
0-90	100
10-90	90.3
20-40	38.5
20-50	47.4
40-70	18.3
60-80	8.6
70-80	3.7
80-90	1.7
90-110	0
90-120	0
90-130	0
90-150	0
90-180	0
110-180	0
0-180	100

AXIAL CANDELA DISPLAY



Maximum Candela = 3008 Located At Horizontal Angle = 0, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 3008 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 1504
10% Maximum Candela = 300.8