



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

Photometric Test Report

IES FLOOD REPORT
PHOTOMETRIC FILENAME : L061805915.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] L061805915
 [TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)
 [ISSUEDATE] 7/9/2018
 [MANUFAC] USTE, dba Vista Professional Outdoor Lighting
 [LUMCAT] 1059-X-MF-30-G-MV-ND-LSF
 [LUMINAIRE] LED Floodlight, MF Distribution, Linear Spread Filter
 [BALLASTCAT] THOMAS RESEARCH PRODUCTS PLED96W-054-C1750-D
 [OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
 [MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
 [INPUT] 120VAC, 72.17W
 [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	4566
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	48.0
Vertical Beam Angle (50%)	48.1
Horizontal Field Angle (10%)	79.0
Vertical Field Angle (10%)	91.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1820
Beam Efficiency	N.A.
Field Lumens	3088
Field Efficiency	N.A.
Spill Lumens	517
Luminaire Lumens	3605
Total Efficiency	N.A.
Total Luminaire Watts	72.17
Ballast Factor	1.00

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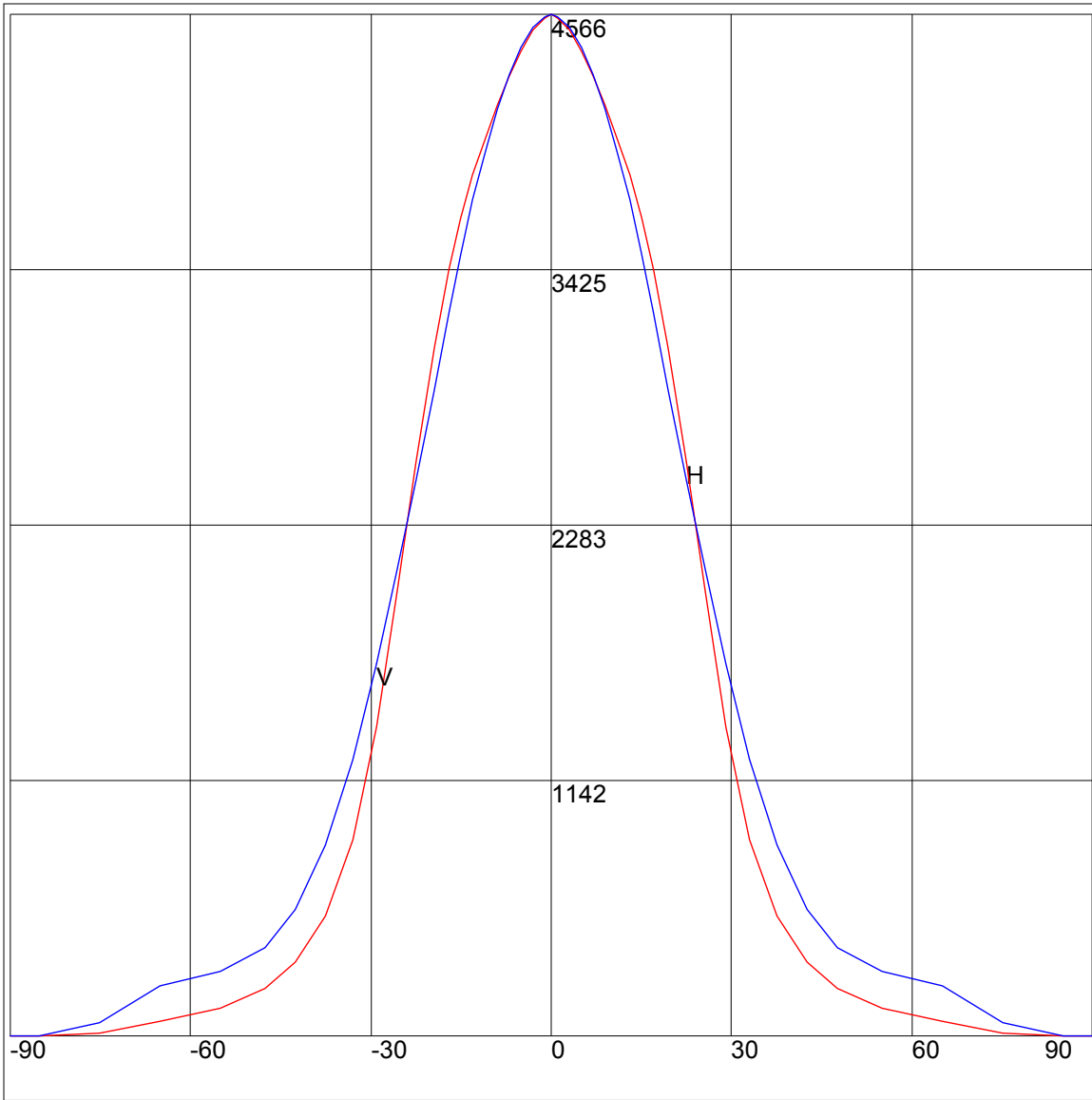
AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	1	85	2
75	15	75	62
65	68	65	224
55	128	55	293
47.5	215	47.5	399
42.5	331	42.5	565
37.5	540	37.5	853
33	881	33	1237
29	1384	29	1666
25.5	2002	25.5	2096
22.5	2569	22.5	2485
19.5	3077	19.5	2892
17	3426	17	3234
15	3655	15	3492
13	3846	13	3739
11	4012	11	3955
9	4158	9	4142
7	4288	7	4298
5	4402	5	4420
3	4494	3	4506
1	4549	1	4557
0	4566	0	4566
-1	4549	-1	4557
-3	4494	-3	4506
-5	4402	-5	4420
-7	4288	-7	4298
-9	4158	-9	4142
-11	4012	-11	3955
-13	3846	-13	3739
-15	3655	-15	3492
-17	3426	-17	3234
-19.5	3077	-19.5	2892
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-33	881	-33	1237
-37.5	540	-37.5	853
-42.5	331	-42.5	565
-47.5	215	-47.5	399
-55	128	-55	293
-65	68	-65	224
-75	15	-75	62
-85	1	-85	2
-90	0	-90	0

ZONAL LUMEN SUMMARY

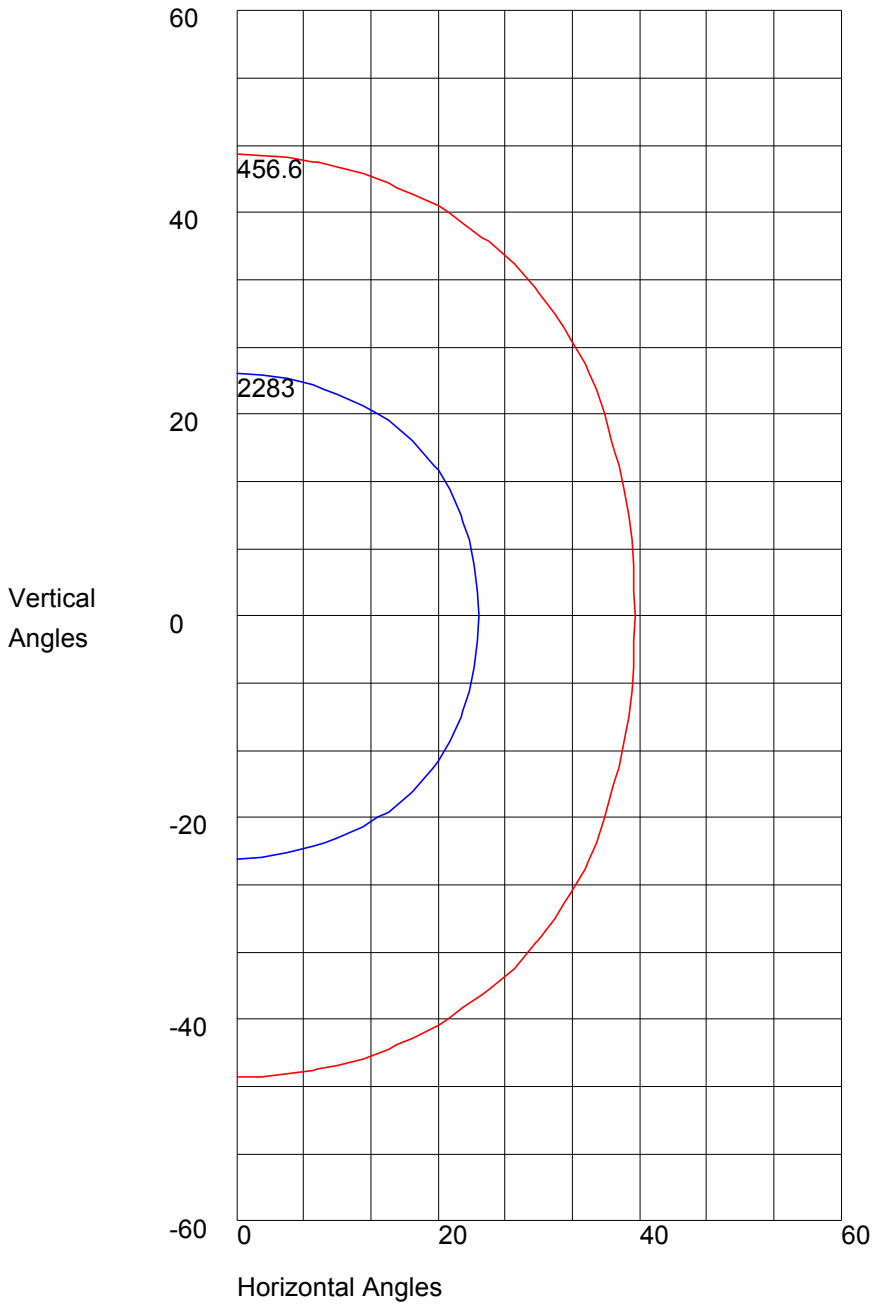
Zone	%
0-20	37.1
0-30	63.7
0-40	79.5
0-60	93.6
0-80	99.6
0-90	100
10-90	90.7
20-40	42.4
20-50	52.2
40-70	18.1
60-80	5.9
70-80	2
80-90	0.4
90-110	0
90-120	0
90-130	0
90-150	0
90-180	0
110-180	0
0-180	100

AXIAL CANDELA DISPLAY



Maximum Candela = 4566 Located At Horizontal Angle = 0, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 4566 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 2283
10% Maximum Candela = 456.6