



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

Photometric Test Report

IES FLOOD REPORT
PHOTOMETRIC FILENAME : L061805916.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L061805916
[TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)
[ISSUEDATE] 7/10/2018
[MANUFAC] USTE, dba Vista Professional Outdoor Lighting
[LUMCAT] 1059-X-MF-30-F-MV-ND-LSF
[LUMINAIRE] LED Floodlight, MF Distribution, Linear Spread Filter
[BALLASTCAT] THOMAS RESEARCH PRODUCTS PLED96W-054-C1750-D(1400mA)
[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 L061805915 BY USING DRIVER OUTPUT CURRENT RATIO OF 0.8.
[INPUT] 120VAC, 57.74W
[TEST PROCEDURE] IESNA:LM-79-08

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

CHARACTERISTICS

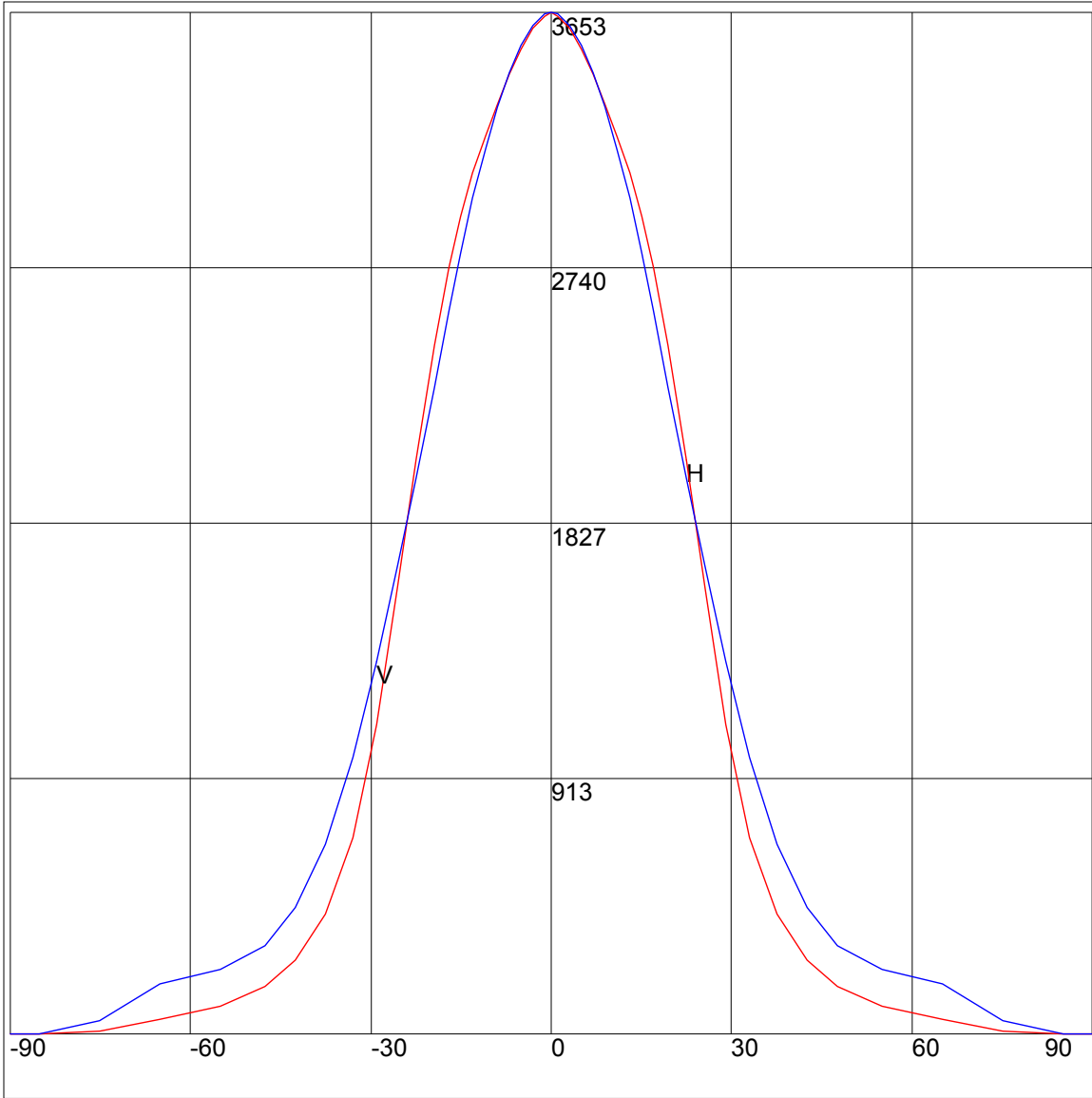
NEMA Type	5 H x 5 V
Maximum Candela	3653
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	48.0
Vertical Beam Angle (50%)	48.1
Horizontal Field Angle (10%)	79.0
Vertical Field Angle (10%)	91.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1456
Beam Efficiency	N.A.
Field Lumens	2466
Field Efficiency	N.A.
Spill Lumens	418
Luminaire Lumens	2884
Total Efficiency	N.A.
Total Luminaire Watts	57.74
Ballast Factor	1.00

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AXIAL CANDELA

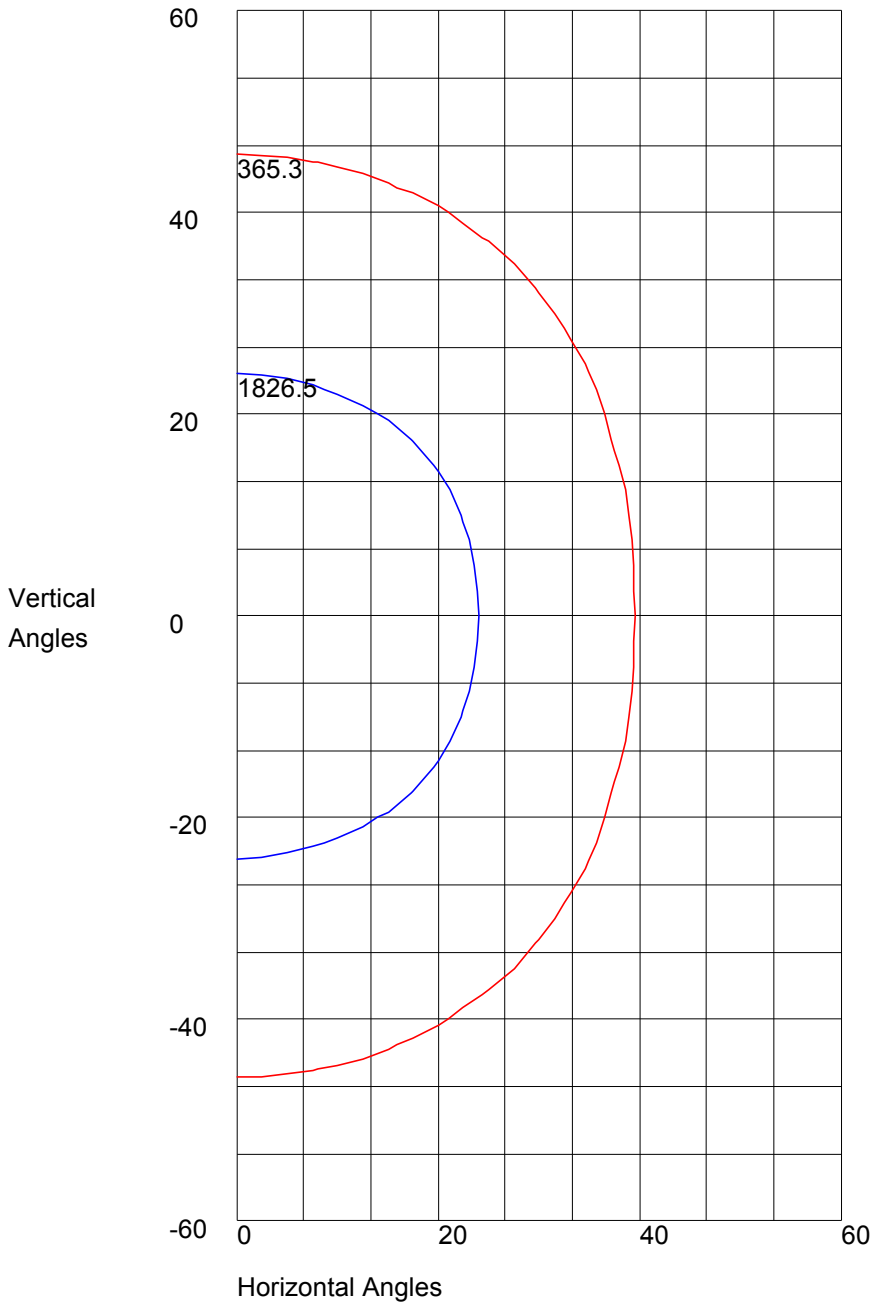
DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	1	85	2
75	12	75	50
65	54	65	179
55	102	55	234
47.5	172	47.5	319
42.5	265	42.5	452
37.5	432	37.5	682
33	705	33	990
29	1107	29	1333
25.5	1602	25.5	1677
22.5	2055	22.5	1988
19.5	2462	19.5	2314
17	2741	17	2587
15	2924	15	2794
13	3077	13	2991
11	3210	11	3164
9	3326	9	3314
7	3430	7	3438
5	3522	5	3536
3	3595	3	3605
1	3639	1	3646
0	3653	0	3653
-1	3639	-1	3646
-3	3595	-3	3605
-5	3522	-5	3536
-7	3430	-7	3438
-9	3326	-9	3314
-11	3210	-11	3164
-13	3077	-13	2991
-15	2924	-15	2794
-17	2741	-17	2587
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-37.5	432	-37.5	682
-42.5	265	-42.5	452
-47.5	172	-47.5	319
-55	102	-55	234
-65	54	-65	179
-75	12	-75	50
-85	1	-85	2
-90	0	-90	0

AXIAL CANDELA DISPLAY



Maximum Candela = 3653 Located At Horizontal Angle = 0, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 3653 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 1826.5
10% Maximum Candela = 365.3