



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

## Photometric Test Report

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : L061805912.IES**

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] L061805912  
[TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)  
[ISSUEDATE] 7/10/2018  
[MANUFAC] USTE, dba Vista Professional Outdoor Lighting  
[LUMCAT] 1059-X-NS-30-D-MV-ND-LSF  
[LUMINAIRE] LED Floodlight, NS Distribution, Linear Spread Filter  
[BALLASTCAT] THOMAS RESEARCH PRODUCTS PLED96W-054-C1750-D(1050mA)  
[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 L061805909 BY USING DRIVER OUTPUT CURRENT RATIO OF 0.6.  
[INPUT] 120VAC, 44.05W  
[TEST PROCEDURE] IESNA:LM-79-08

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

### CHARACTERISTICS

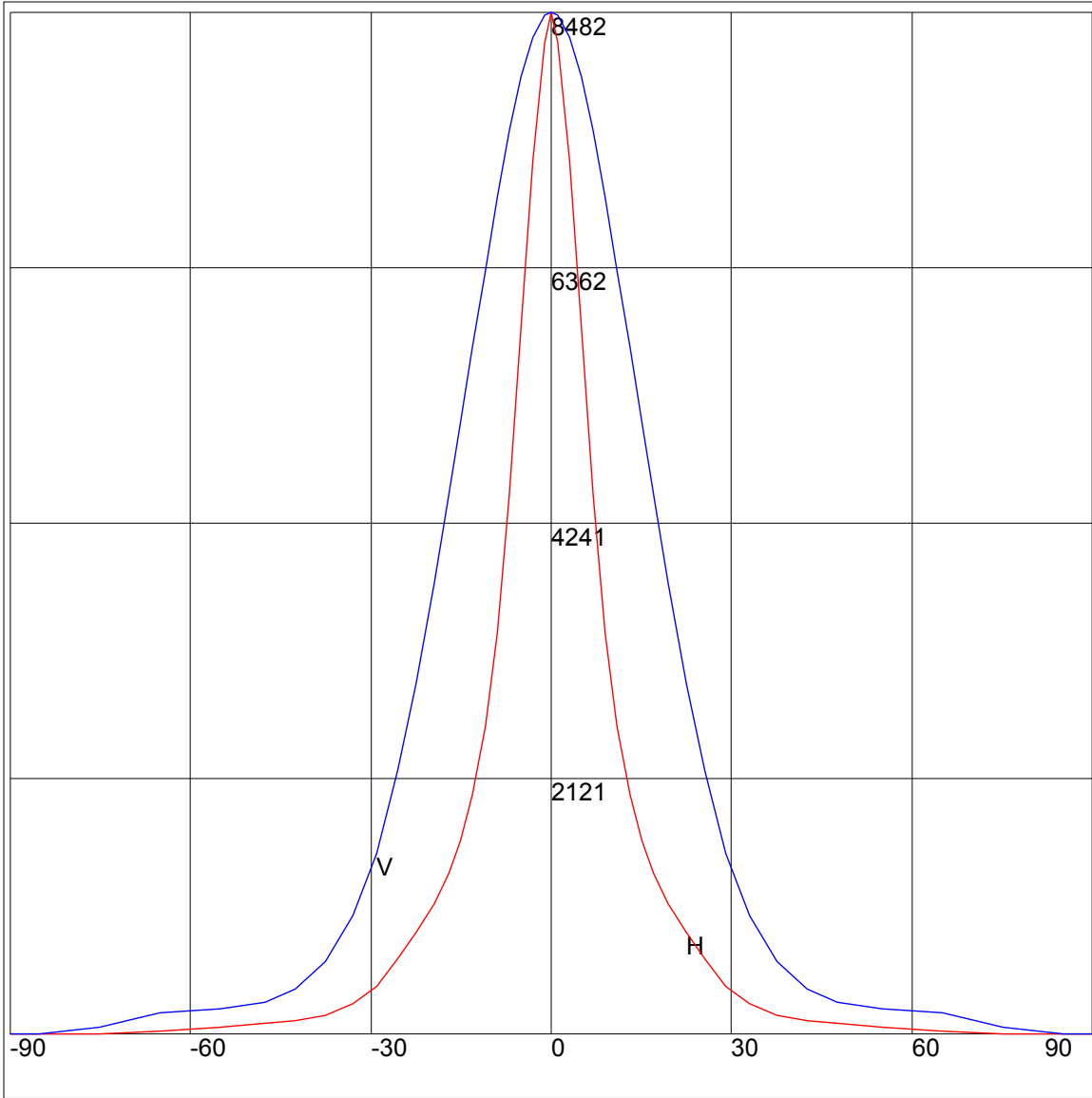
NEMA Type	3 H x 4 V
Maximum Candela	8482
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	14.8
Vertical Beam Angle (50%)	35.6
Horizontal Field Angle (10%)	45.0
Vertical Field Angle (10%)	69.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	746
Beam Efficiency	N.A.
Field Lumens	1781
Field Efficiency	N.A.
Spill Lumens	639
Luminaire Lumens	2421
Total Efficiency	N.A.
Total Luminaire Watts	44.05
Ballast Factor	1.00

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**AXIAL CANDELA**

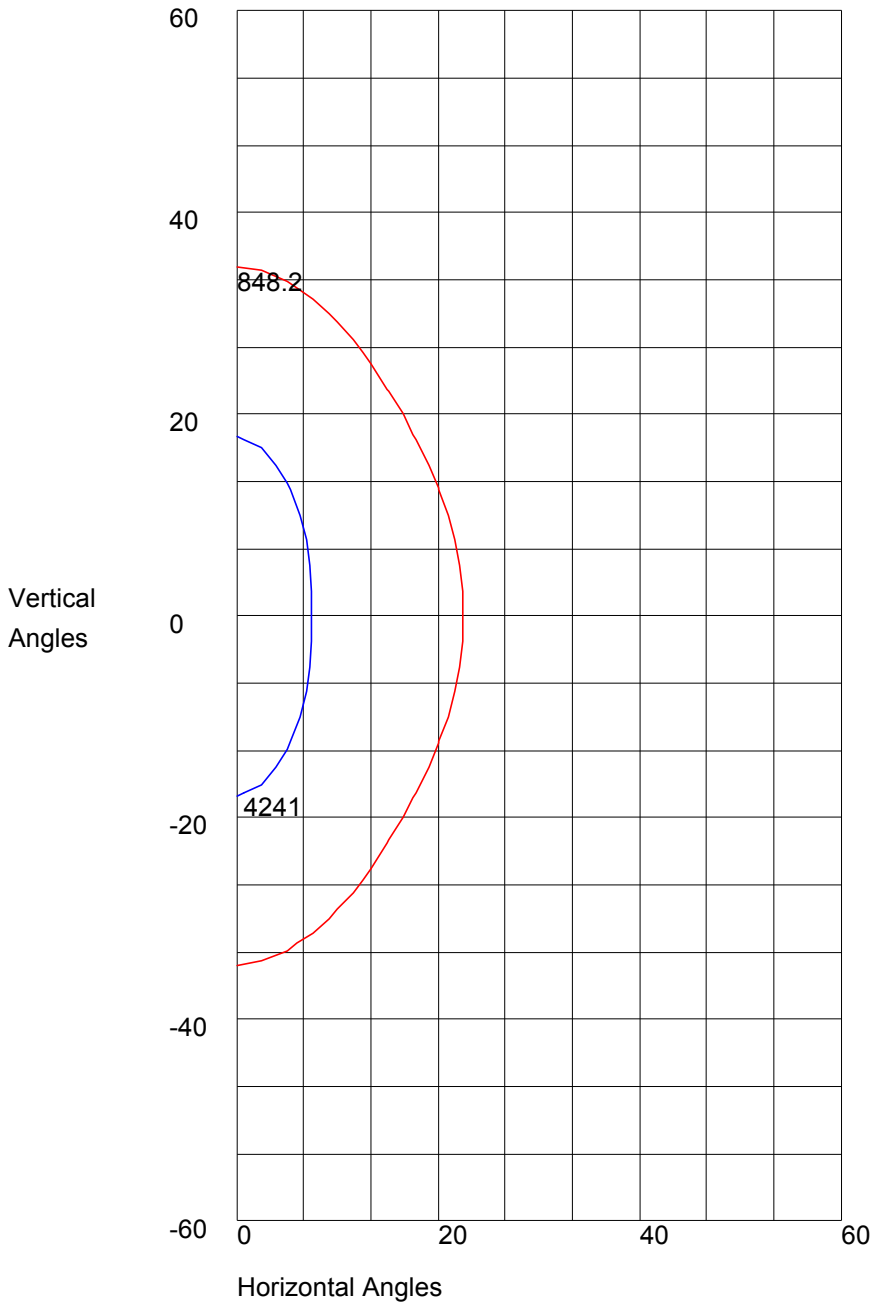
DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	1	85	1
75	8	75	58
65	32	65	179
55	63	55	215
47.5	88	47.5	267
42.5	112	42.5	373
37.5	158	37.5	604
33	252	33	988
29	402	29	1501
25.5	625	25.5	2186
22.5	847	22.5	2908
19.5	1088	19.5	3752
17	1337	17	4480
15	1606	15	5080
13	1989	13	5704
11	2557	11	6344
9	3340	9	6955
7	4475	7	7502
5	5865	5	7943
3	7251	3	8273
1	8233	1	8464
0	8482	0	8482
-1	8233	-1	8464
-3	7251	-3	8273
-5	5865	-5	7943
-7	4475	-7	7502
-9	3340	-9	6955
-11	2557	-11	6344
-13	1989	-13	5704
-15	1606	-15	5080
-17	1337	-17	4480
-19.5	1088	-19.5	3752
-22.5	847	-22.5	2908
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-33	252	-33	988
-37.5	158	-37.5	604
-42.5	112	-42.5	373
-47.5	88	-47.5	267
-55	63	-55	215
-65	32	-65	179
-75	8	-75	58
-85	1	-85	1
-90	0	-90	0

AXIAL CANDELA DISPLAY



Maximum Candela = 8482 Located At Horizontal Angle = 0, Vertical Angle = 0  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 8482 Located At Horizontal Angle = 0, Vertical Angle = 0  
50% Maximum Candela = 4241  
10% Maximum Candela = 848.2