



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

Photometric Test Report

IES FLOOD REPORT
PHOTOMETRIC FILENAME : L061805927.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] L061805927
 [TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)
 [ISSUEDATE] 7/11/2018
 [MANUFAC] USTE, dba Vista Professional Outdoor Lighting
 [LUMCAT] RK91-B-NS-30-B-MV-CX-ND-LSF
 [LUMINAIRE] LED Ingrade, NS Distribution, Linear Spread Filter
 [BALLASTCAT] THOMAS RESEARCH PRODUCTS LED40W-045-C0900-D(700mA)
 [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 L061805926 BY USING DRIVER OUTPUT CURRENT RATIO OF 0.77.
 [INPUT] 120VAC, 27.55W
 [TEST PROCEDURE] IESNA:LM-79-08

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

CHARACTERISTICS

NEMA Type	4 H x 5 V
Maximum Candela	5658
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	18.6
Vertical Beam Angle (50%)	37.0
Horizontal Field Angle (10%)	50.4
Vertical Field Angle (10%)	72.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	636
Beam Efficiency	N.A.
Field Lumens	1470
Field Efficiency	N.A.
Spill Lumens	552
Luminaire Lumens	2022
Total Efficiency	N.A.
Total Luminaire Watts	27.55
Ballast Factor	1.00

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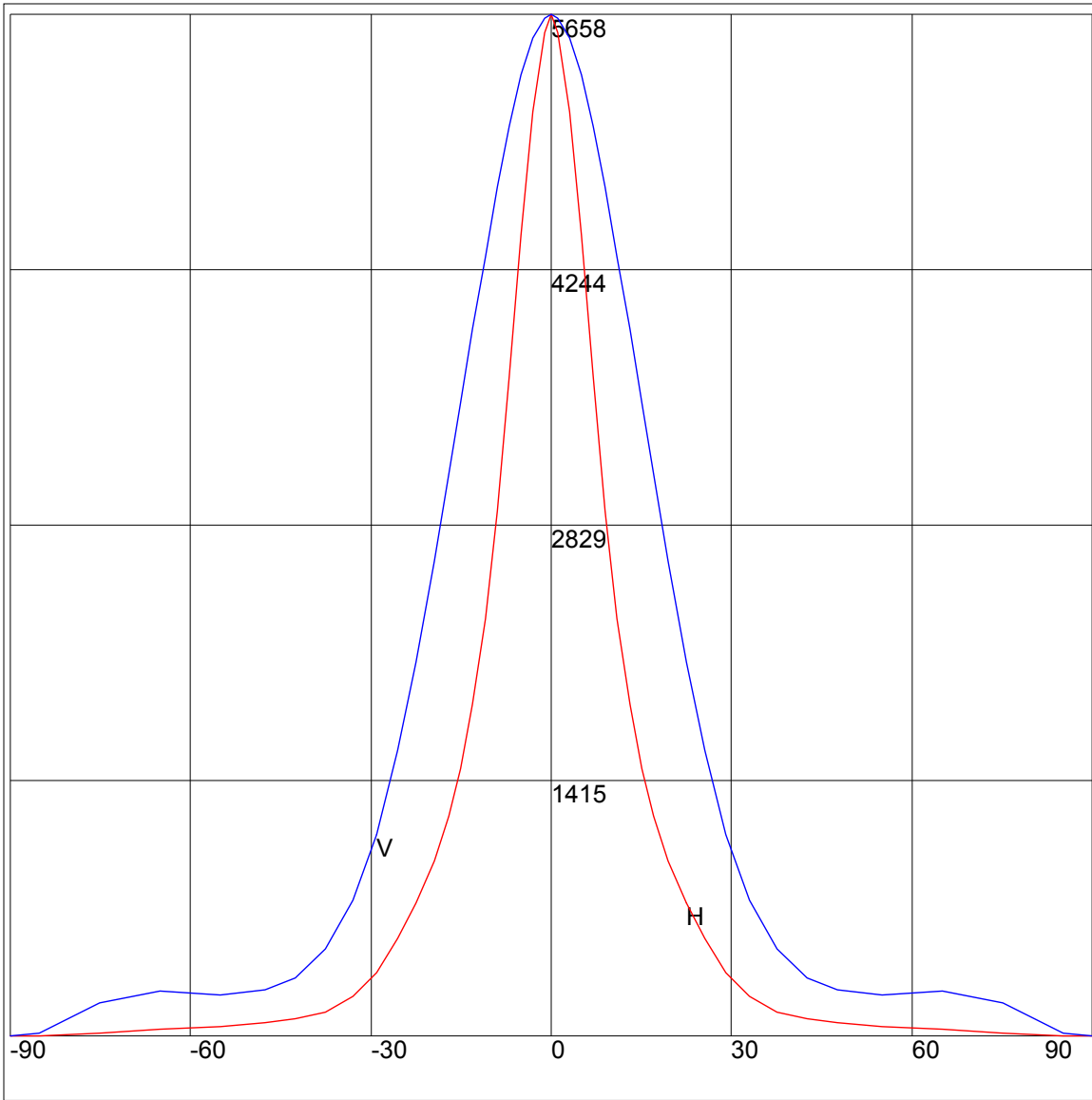
AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	2	85	20
75	17	75	183
65	39	65	252
55	55	55	230
47.5	74	47.5	255
42.5	96	42.5	323
37.5	137	37.5	482
33	220	33	752
29	351	29	1116
25.5	546	25.5	1584
22.5	742	22.5	2071
19.5	973	19.5	2632
17	1217	17	3114
15	1482	15	3509
13	1839	13	3914
11	2315	11	4316
9	2914	9	4701
7	3653	7	5042
5	4433	5	5326
3	5121	3	5526
1	5556	1	5639
0	5658	0	5658
-1	5556	-1	5639
-3	5121	-3	5526
-5	4433	-5	5326
-7	3653	-7	5042
-9	2914	-9	4701
-11	2315	-11	4316
-13	1839	-13	3914
-15	1482	-15	3509
-17	1217	-17	3114
-19.5	973	-19.5	2632
-22.5	742	-22.5	2071
-25.5	546	-25.5	1584
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-37.5	137	-37.5	482
-42.5	96	-42.5	323
-47.5	74	-47.5	255
-55	55	-55	230
-65	39	-65	252
-75	17	-75	183
-85	2	-85	20
-90	0	-90	0

ZONAL LUMEN SUMMARY

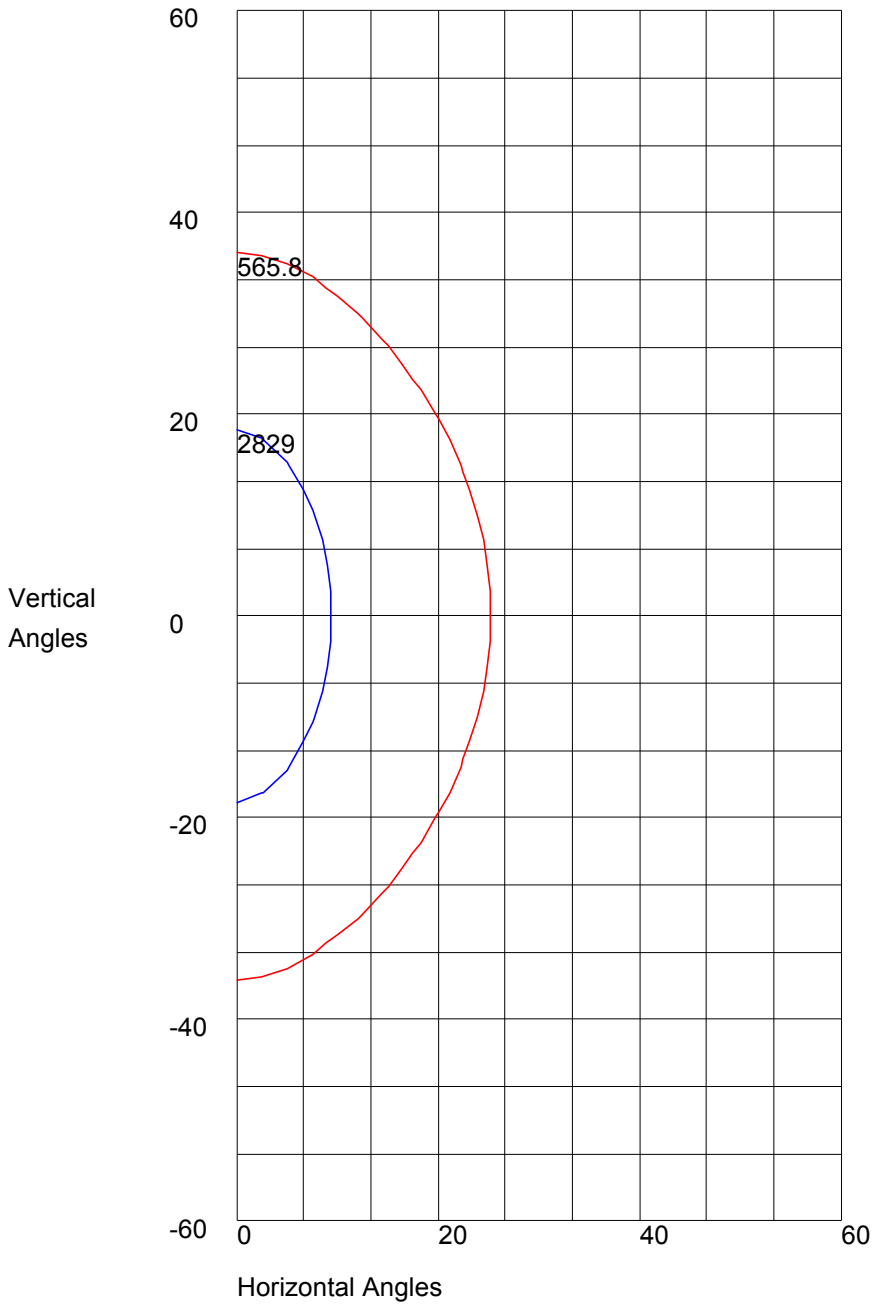
Zone	%
0-20	51.6
0-30	72.5
0-40	82.9
0-60	93
0-80	99.5
0-90	100
10-90	79.4
20-40	31.3
20-50	37
40-70	14
60-80	6.5
70-80	2.5
80-90	0.5
90-110	0
90-120	0
90-130	0
90-150	0
90-180	0
110-180	0
0-180	100

AXIAL CANDELA DISPLAY



Maximum Candela = 5658 Located At Horizontal Angle = 0, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 5658 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 2829
10% Maximum Candela = 565.8