



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

Photometric Test Report

IES FLOOD REPORT
PHOTOMETRIC FILENAME : L061805940.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L061805940
[TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)
[ISSUEDATE] 7/13/2018
[MANUFAC] USTE, dba Vista Professional Outdoor Lighting
[LUMCAT] RK94-B-MF-30-C-MV-CX-ND-LSF
[LUMINAIRE] LED Ingrade, MF Distribution, Linear Spread Filter
[BALLASTCAT] ENERGY RECOVERY PRODUCTS ESS030W-0620-42(620mA)
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
[INPUT] 120VAC, 25.44W
[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	4658
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	22.0
Vertical Beam Angle (50%)	37.9
Horizontal Field Angle (10%)	54.9
Vertical Field Angle (10%)	75.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	643
Beam Efficiency	N.A.
Field Lumens	1424
Field Efficiency	N.A.
Spill Lumens	507
Luminaire Lumens	1931
Total Efficiency	N.A.
Total Luminaire Watts	25.44
Ballast Factor	1.00

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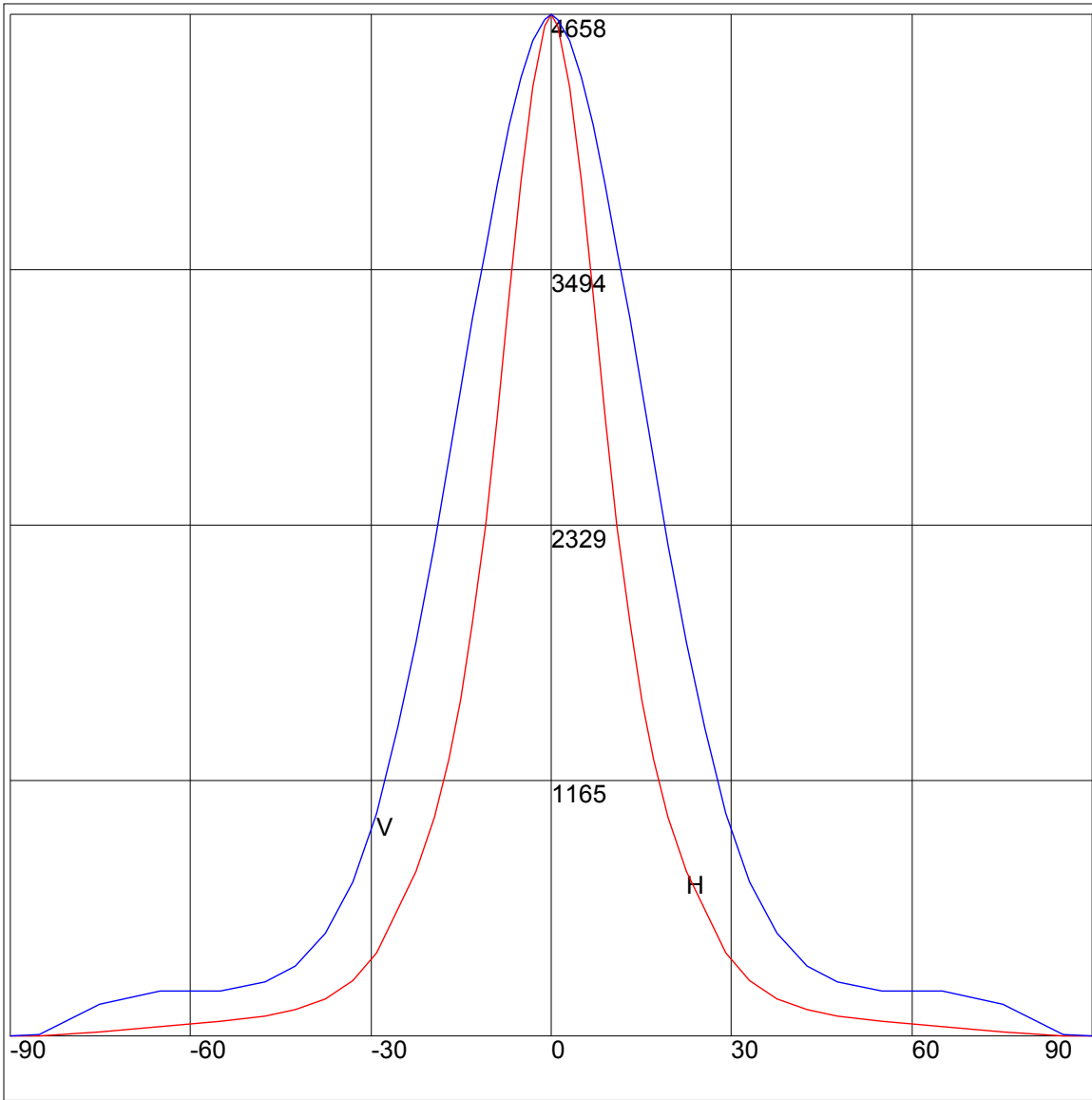
AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	2	85	10
75	19	75	147
65	44	65	209
55	68	55	207
47.5	95	47.5	246
42.5	124	42.5	322
37.5	172	37.5	469
33	252	33	707
29	380	29	1019
25.5	576	25.5	1407
22.5	755	22.5	1799
19.5	999	19.5	2241
17	1260	17	2631
15	1533	15	2948
13	1887	13	3270
11	2324	11	3585
9	2826	9	3887
7	3379	7	4154
5	3899	5	4372
3	4329	3	4541
1	4603	1	4635
0	4658	0	4658
-1	4603	-1	4635
-3	4329	-3	4541
-5	3899	-5	4372
-7	3379	-7	4154
-9	2826	-9	3887
-11	2324	-11	3585
-13	1887	-13	3270
-15	1533	-15	2948
-17	1260	-17	2631
-19.5	999	-19.5	2241
-22.5	755	-22.5	1799
-25.5	576	-25.5	1407
-29	380	-29	1019
-33	252	-33	707
-37.5	172	-37.5	469
-42.5	124	-42.5	322
-47.5	95	-47.5	246
-55	68	-55	207
-65	44	-65	209
-75	19	-75	147
-85	2	-85	10
-90	0	-90	0

ZONAL LUMEN SUMMARY

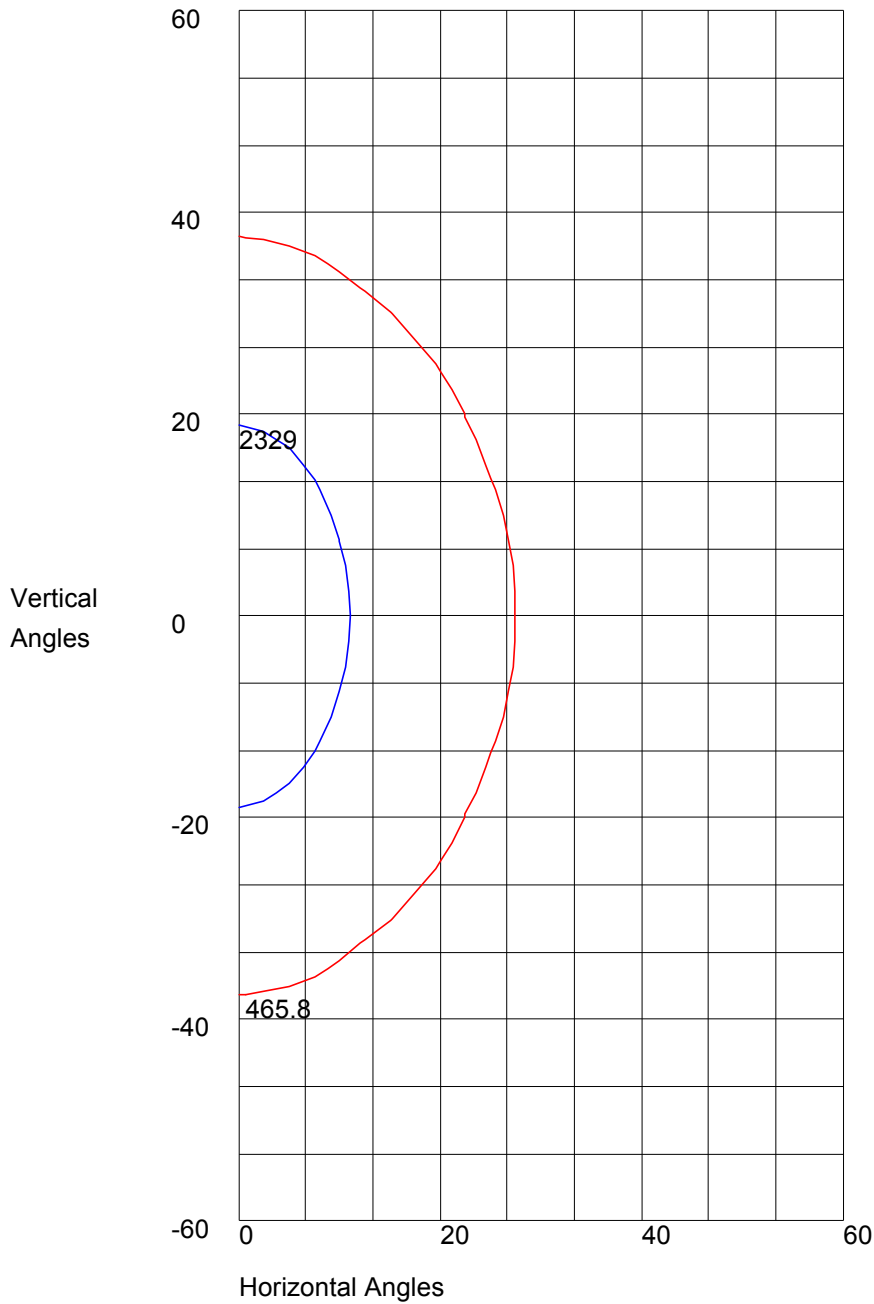
Zone	%
0-20	49.1
0-30	70.5
0-40	81.9
0-60	93.2
0-80	99.6
0-90	100
10-90	81.3
20-40	32.8
20-50	39.3
40-70	15.3
60-80	6.4
70-80	2.4
80-90	0.4
90-110	0
90-120	0
90-130	0
90-150	0
90-180	0
110-180	0
0-180	100

AXIAL CANDELA DISPLAY



Maximum Candela = 4658 Located At Horizontal Angle = 0, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 4658 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 2329
10% Maximum Candela = 465.8