



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

Photometric Test Report

IES FLOOD REPORT
PHOTOMETRIC FILENAME : L061805942.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] L061805942
 [TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)
 [ISSUEDATE] 7/13/2018
 [MANUFAC] USTE, dba Vista Professional Outdoor Lighting
 [LUMCAT] RK94-B-MF-30-A-MV-CX-ND-LSF
 [LUMINAIRE] LED Ingrade, MF Distribution, Linear Spread Filter
 [BALLASTCAT] ENERGY RECOVERY PRODUCTS ESS030W-0620-42(350mA)
 [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 L061805940 BY USING DRIVER OUTPUT CURRENT RATIO OF 0.56.
 [INPUT] 120VAC, 14.25W
 [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	2608
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%)	75.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	360
Beam Efficiency	N.A.
Field Lumens	797
Field Efficiency	N.A.
Spill Lumens	284
Luminaire Lumens	1081
Total Efficiency	N.A.
Total Luminaire Watts	14.25
Ballast Factor	1.00

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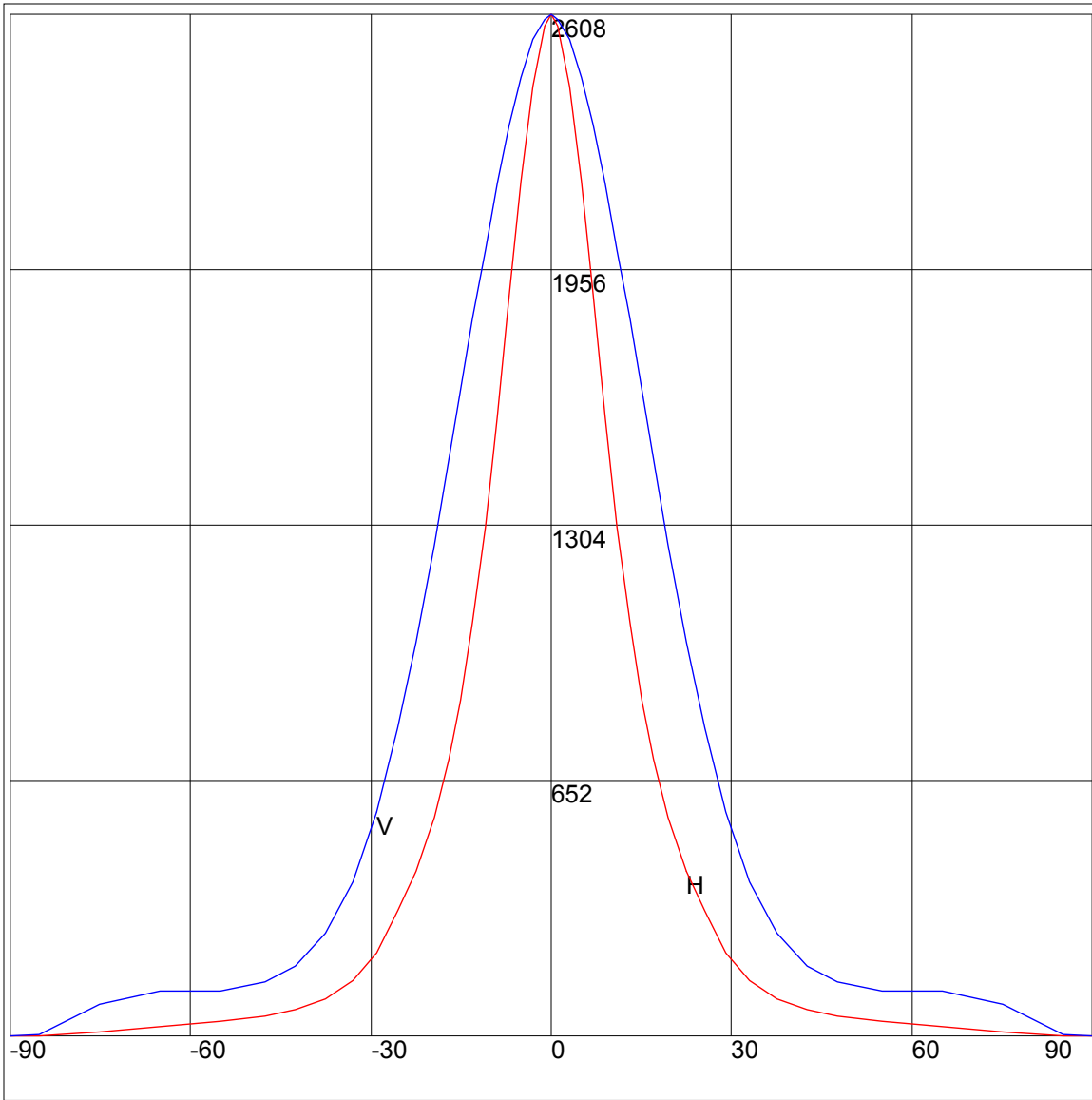
AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	1	85	6
75	11	75	82
65	25	65	117
55	38	55	116
47.5	53	47.5	138
42.5	69	42.5	180
37.5	96	37.5	263
33	141	33	396
29	213	29	571
25.5	322	25.5	788
22.5	423	22.5	1007
19.5	560	19.5	1255
17	706	17	1474
15	858	15	1651
13	1057	13	1831
11	1302	11	2008
9	1583	9	2177
7	1892	7	2326
5	2183	5	2448
3	2424	3	2543
1	2578	1	2596
0	2608	0	2608
-1	2578	-1	2596
-3	2424	-3	2543
-5	2183	-5	2448
-7	1892	-7	2326
-9	1583	-9	2177
-11	1302	-11	2008
-13	1057	-13	1831
-15	858	-15	1651
-17	706	-17	1474
-19.5	560	-19.5	1255
-22.5	423	-22.5	1007
-25.5	322	-25.5	788
-29	213	-29	571
-33	141	-33	396
-37.5	96	-37.5	263
-42.5	69	-42.5	180
-47.5	53	-47.5	138
-55	38	-55	116
-65	25	-65	117
-75	11	-75	82
-85	1	-85	6
-90	0	-90	0

ZONAL LUMEN SUMMARY

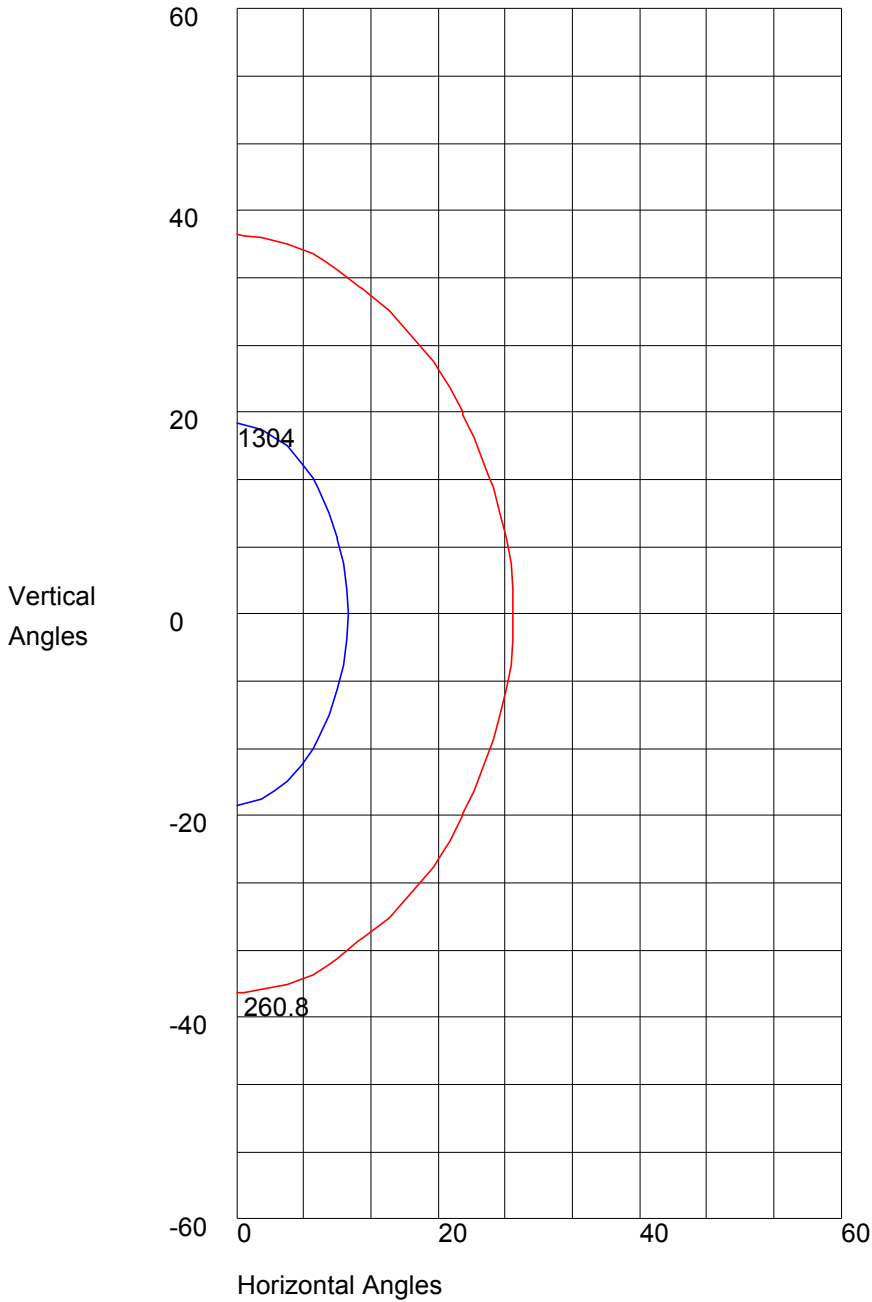
Zone	%
0-20	49.1
0-30	70.5
0-40	81.9
0-60	93.2
0-80	99.6
0-90	100
10-90	81.3
20-40	32.8
20-50	39.3
40-70	15.3
60-80	6.4
70-80	2.4
80-90	0.4
90-110	0
90-120	0
90-130	0
90-150	0
90-180	0
110-180	0
0-180	100

AXIAL CANDELA DISPLAY



Maximum Candela = 2608 Located At Horizontal Angle = 0, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 2608 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 1304
10% Maximum Candela = 260.8