



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

# Photometric Test Report

**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : L072112808R01.IES**

**DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] L072112808R01  
 [TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)  
 [ISSUEDATE] 8/25/21  
 [MANUFAC] USTE dba Vista Professional Outdoor Lighting  
 [LUMCAT] 1051-X-MF-30-B-MV-ND  
 [LUMINAIRE] LED LUMINAIRE  
 [BALLASTCAT] ERP ESS020W-1400-14  
 [OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND  
 [MORE] TEST REFERENCE: 1051-X-MF-30-B-MV-ND  
 [INPUT] 119.98VAC  
 [TEST PROCEDURE] IESNA:LM-79-08

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

**CHARACTERISTICS**

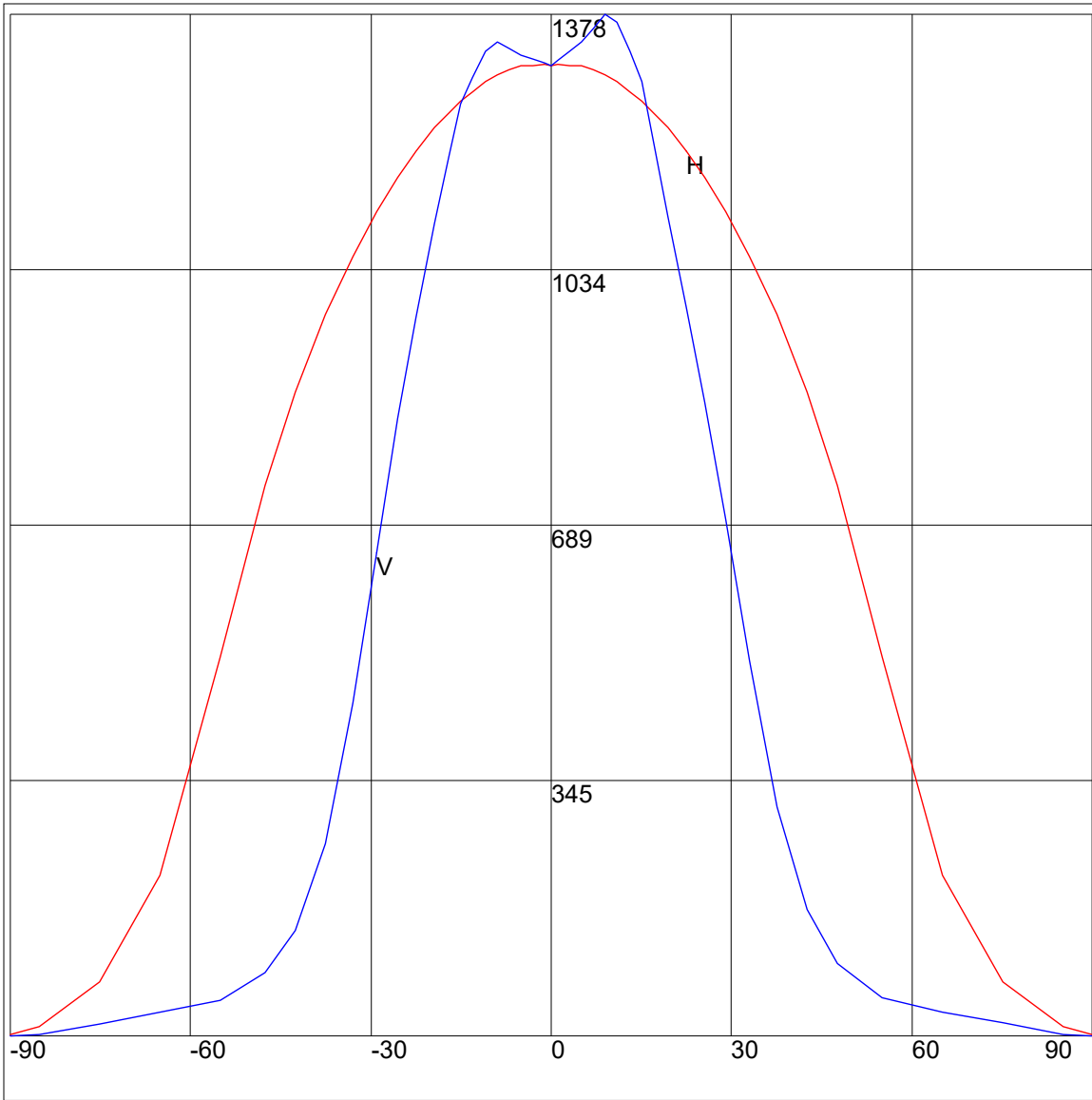
NEMA Type	7 H x 5 V
Maximum Candela	1378.412
Maximum Candela Angle	0H 9V
Horizontal Beam Angle (50%)	96.0
Vertical Beam Angle (50%)	57.4
Horizontal Field Angle (10%)	140.3
Vertical Field Angle (10%)	87.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1375
Beam Efficiency	N.A.
Field Lumens	1873
Field Efficiency	N.A.
Spill Lumens	157
Luminaire Lumens	2031
Total Efficiency	N.A.
Total Luminaire Watts	18.83
Ballast Factor	1.00

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**AXIAL CANDELA**

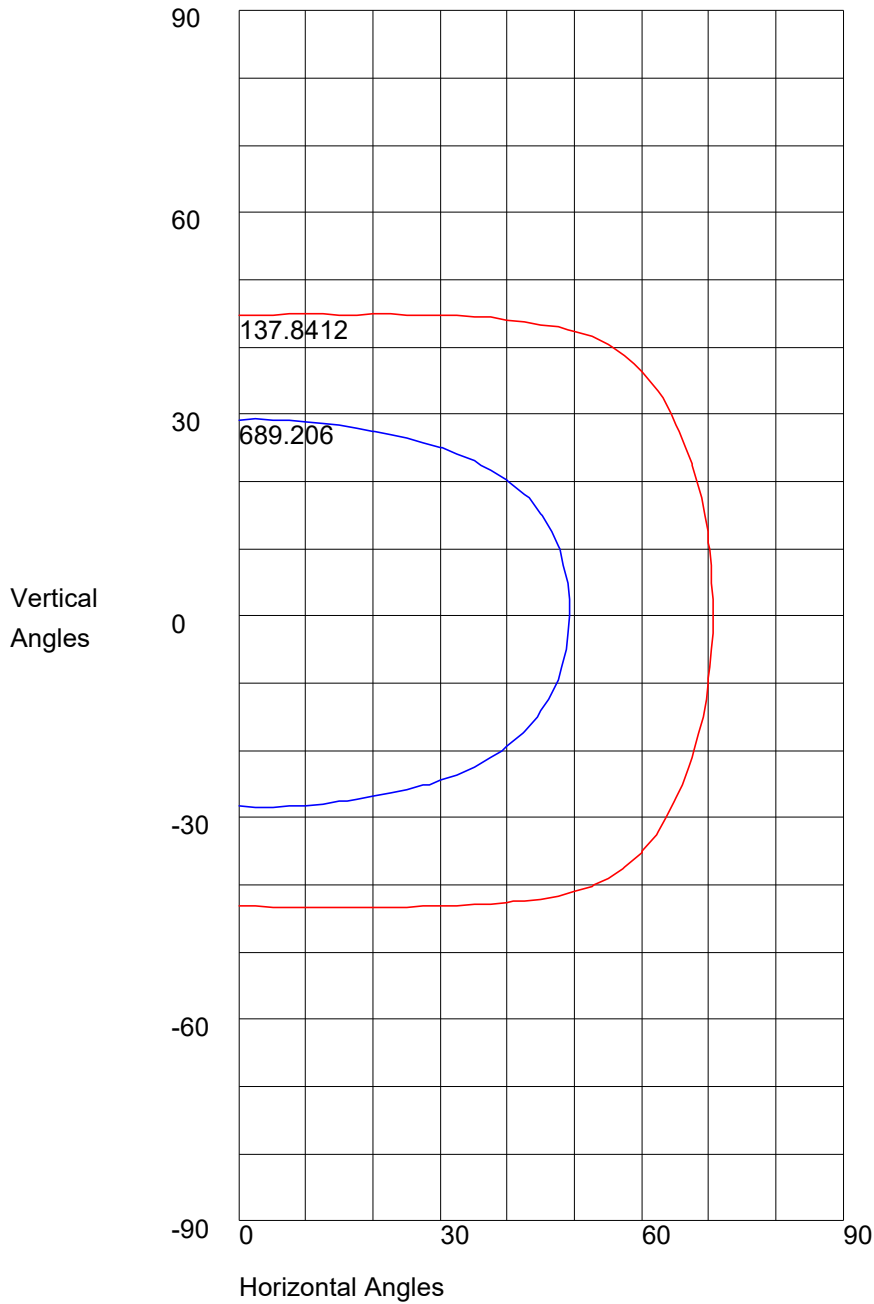
DEG.	HOR.	DEG.	VERT.
90	2.272	90	.823
85	12.551	85	3.411
75	74.283	75	17.871
65	217.526	65	32.059
55	512.744	55	51.977
47.5	742.82	47.5	97.678
42.5	868.056	42.5	171.074
37.5	973.101	37.5	309.679
33	1051.284	33	507.573
29	1111.965	29	696.572
25.5	1158.471	25.5	855.573
22.5	1193.389	22.5	981.9
19.5	1225.673	19.5	1105.744
17	1245.728	17	1206.902
15	1261.771	15	1287.828
13	1274.485	13	1327.826
11	1287.2	11	1367.825
9	1296.736	9	1378.412
7	1303.093	7	1359.585
5	1309.45	5	1340.759
3	1310.059	3	1328.844
1	1310.084	1	1316.346
0	1310	0	1310
-1	1310.084	-1	1312.908
-3	1310.059	-3	1318.53
-5	1309.45	-5	1323.57
-7	1303.093	-7	1332.301
-9	1296.736	-9	1341.032
-11	1287.2	-11	1327.99
-13	1274.485	-13	1293.175
-15	1261.771	-15	1258.36
-17	1245.728	-17	1186.656
-19.5	1225.673	-19.5	1097.027
-22.5	1193.389	-22.5	969.69
-25.5	1158.471	-25.5	834.182
-29	1111.965	-29	651.499
-33	1051.284	-33	450.412
-37.5	973.101	-37.5	259.885
-42.5	868.056	-42.5	143.653
-47.5	742.82	-47.5	85.673
-55	512.744	-55	48.566
-65	217.526	-65	31.923
-75	74.283	-75	16.916
-85	12.551	-85	2.865
-90	2.272	-90	.822

AXIAL CANDELA DISPLAY



Maximum Candela = 1378.412 Located At Horizontal Angle = 0, Vertical Angle = 9  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 1378.412 Located At Horizontal Angle = 0, Vertical Angle = 9  
50% Maximum Candela = 689.206  
10% Maximum Candela = 137.8412