

Photometric Test Report

IES FLOOD REPORT

PHOTOMETRIC FILENAME : L01121401.IES

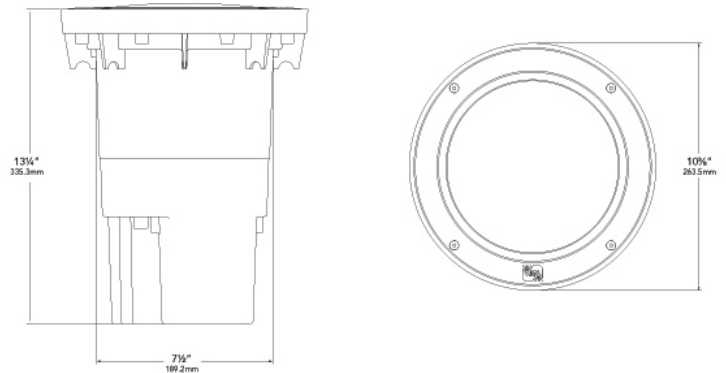
DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L01121401
[TESTLAB] LIGHT LABORATORY, INC.
[ISSUEDATE] 2/16/2012
[MANUFAC] VISTA PROFESSIONAL OUTDOOR LIGHTING
[LUMCAT] 1134-SS-MF-G12-70-CX
[LUMINAIRE] 10-3/8"DIA. X 13-1/4"H. INGROUND AND WELL LIGHT
[MORE] 70W CDM LAMP WITH MEDIUM FLOOD REFLECTOR
[MORE] CLEAR TEMPERED GLASS LENS
[BALLASTCAT] HATCH MC70-1-F-UNNU
[BALLAST] 120-277V 50/60Hz ELECTRONIC
[LAMPPOSITION] 0,0
[LAMPCAT] PHILIPS CDM70/T6/830
[_LAMPLUM] 6600
[_INPUT] 120VAC, 79.52W

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

CHARACTERISTICS

NEMA Type	3 H x 3 V
Maximum Candela	12791
Maximum Candela Angle	-5H -1V
Horizontal Beam Angle (50%)	30.4
Vertical Beam Angle (50%)	28.6
Horizontal Field Angle (10%)	45.6
Vertical Field Angle (10%)	44.8
Lumens Per Lamp	6600 (1 lamp)
Total Lamp Lumens	6600
Beam Lumens	2095
Beam Efficiency	32 %
Field Lumens	3066
Field Efficiency	46 %
Spill Lumens	1305
Luminaire Lumens	4371
Total Efficiency	66 %
Total Luminaire Watts	79.52
Ballast Factor	1.00

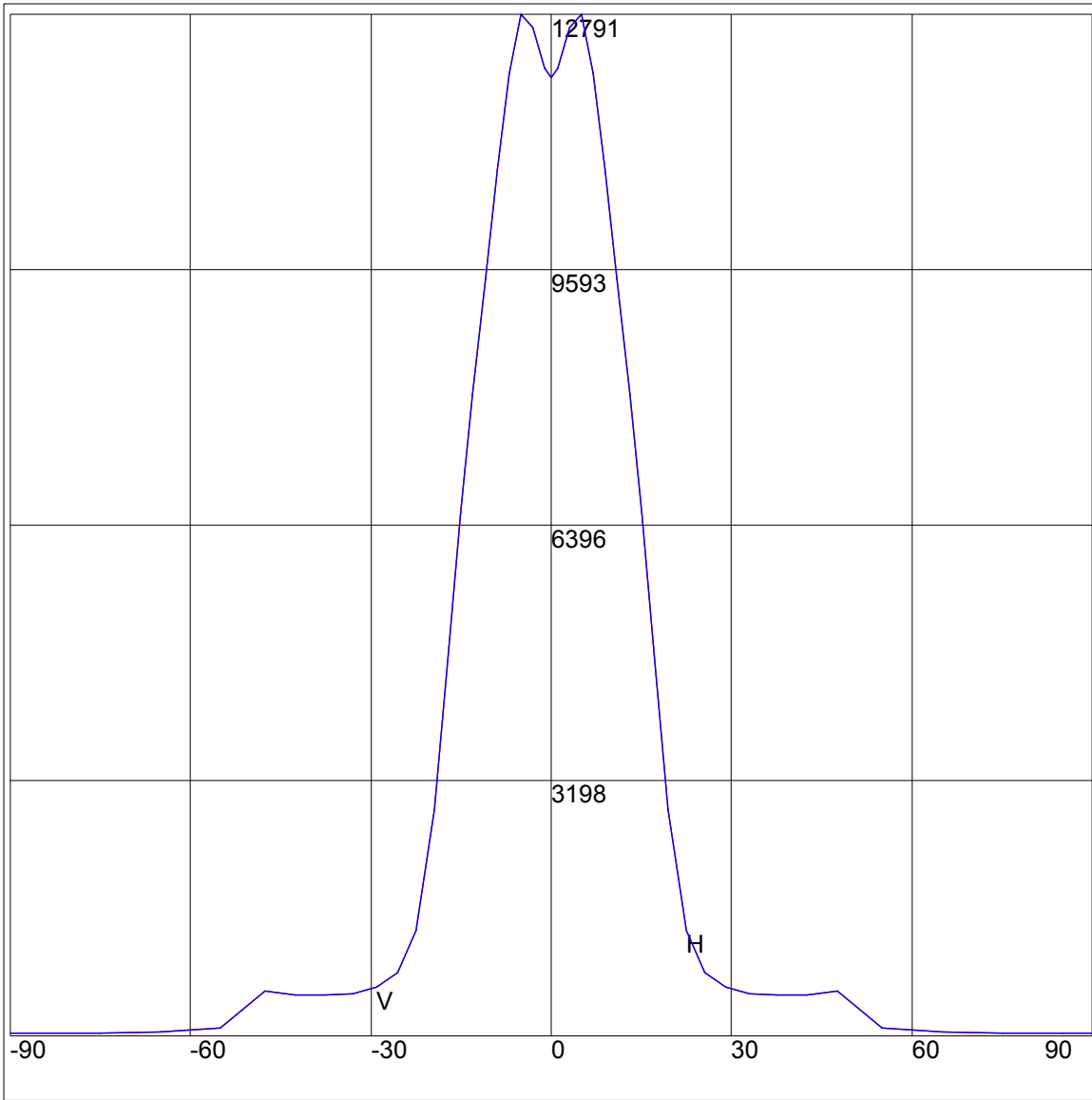


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AXIAL CANDELA

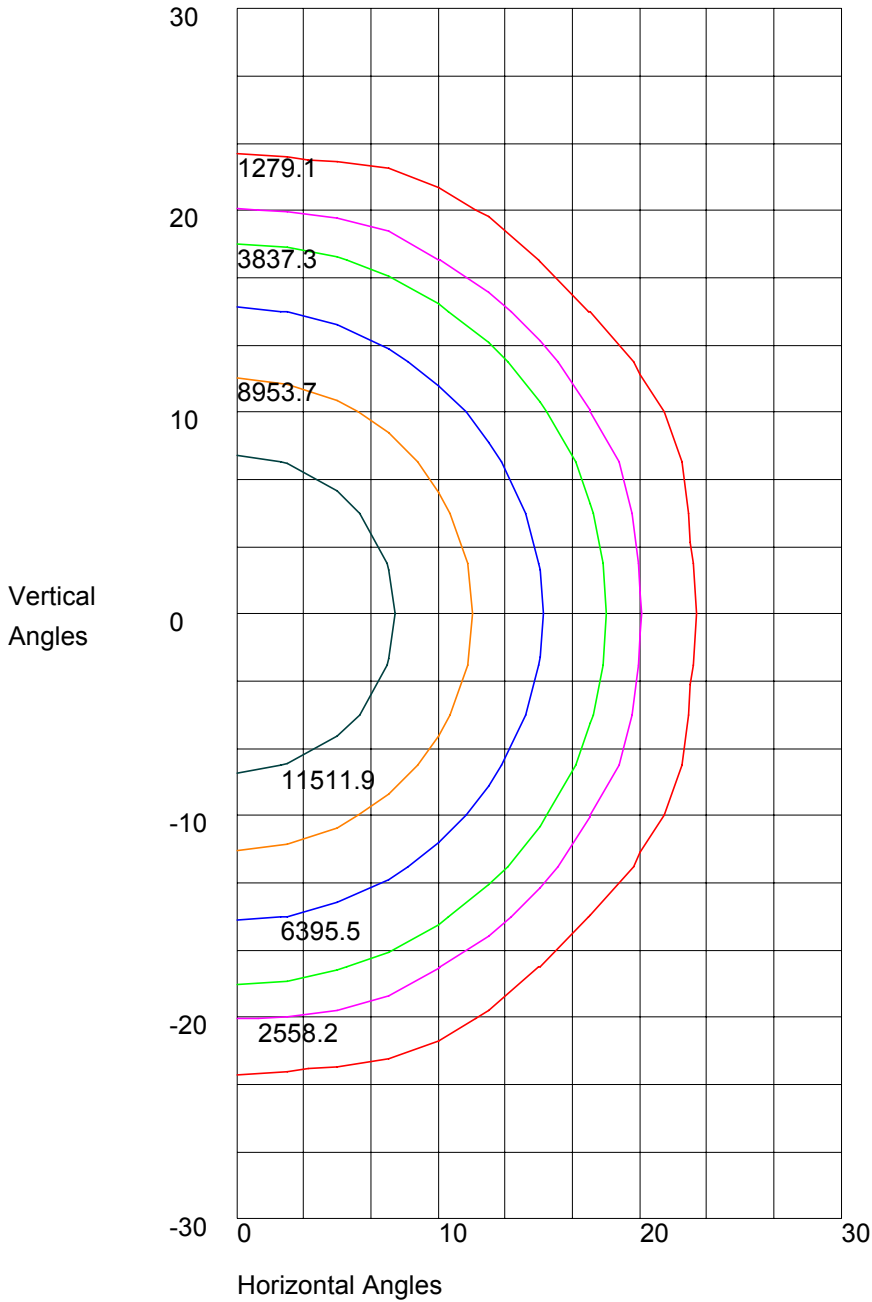
DEG.	HOR.	DEG.	VERT.
90	37	90	37
85	38	85	38
75	42	75	42
65	50	65	50
55	114	55	114
47.5	564	47.5	564
42.5	513	42.5	513
37.5	514	37.5	514
33	531	33	531
29	613	29	613
25.5	797	25.5	797
22.5	1332	22.5	1332
19.5	2840	19.5	2840
17	4871	17	4871
15	6554	15	6554
13	8029	13	8029
11	9485	11	9485
9	10848	9	10848
7	12044	7	12044
5	12791	5	12791
3	12621	3	12621
1	12119	1	12119
0	12002	0	12002
-1	12119	-1	12119
-3	12621	-3	12621
-5	12791	-5	12791
-7	12044	-7	12044
-9	10848	-9	10848
-11	9485	-11	9485
-13	8029	-13	8029
-15	6554	-15	6554
-17	4871	-17	4871
-19.5	2840	-19.5	2840
-22.5	1332	-22.5	1332
-25.5	797	-25.5	797
-29	613	-29	613
-33	531	-33	531
-37.5	514	-37.5	514
-42.5	513	-42.5	513
-47.5	564	-47.5	564
-55	114	-55	114
-65	50	-65	50
-75	42	-75	42
-85	38	-85	38
-90	37	-90	37

AXIAL CANDELA DISPLAY



Maximum Candela = 12791 Located At Horizontal Angle =-5, Vertical Angle =-1
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 12791 Located At Horizontal Angle =-5, Vertical Angle =-1
50% Maximum Candela = 6395.5
10% Maximum Candela = 1279.1