

UNIQUE

LIGHTING SYSTEMS®

IES FLOOD REPORT

PHOTOMETRIC FILENAME : PROB-12-L430.IES

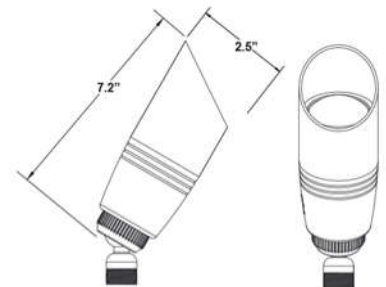
DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 3232
[TESTLAB] Labsphere
[ISSUEDATE] 4/16/2019 7:18:30 AM
[MANUFAC] TORO
[LUMINAIRE] PROB-12-L430
[LAMP] LED-4W-CM6FL30K
[_AMBIENT] 23.0 deg C
[_POWERFACTOR] 0.5881
[_ATHD] 0.00%
[_CURRENT] 0.54
[_VOLTAGE] 12.02
[_Lumens] 283.38
[_END VOLTS] 12.03
[_END CURRENT] 0.52
[_END POWER] 3.66

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

CHARACTERISTICS

NEMA Type	4 H x 4 V
Maximum Candela	943.96
Maximum Candela Angle	0H -5V
Horizontal Beam Angle (50%)	29.6
Vertical Beam Angle (50%)	30.9
Horizontal Field Angle (10%)	53.2
Vertical Field Angle (10%)	56.7
Lumens Per Lamp	310 (1 lamp)
Total Lamp Lumens	310
Beam Lumens	140
Beam Efficiency	45 %
Field Lumens	255
Field Efficiency	82 %
Spill Lumens	30
Luminaire Lumens	285
Total Efficiency	92 %
Total Luminaire Watts	3.82
Ballast Factor	1.00

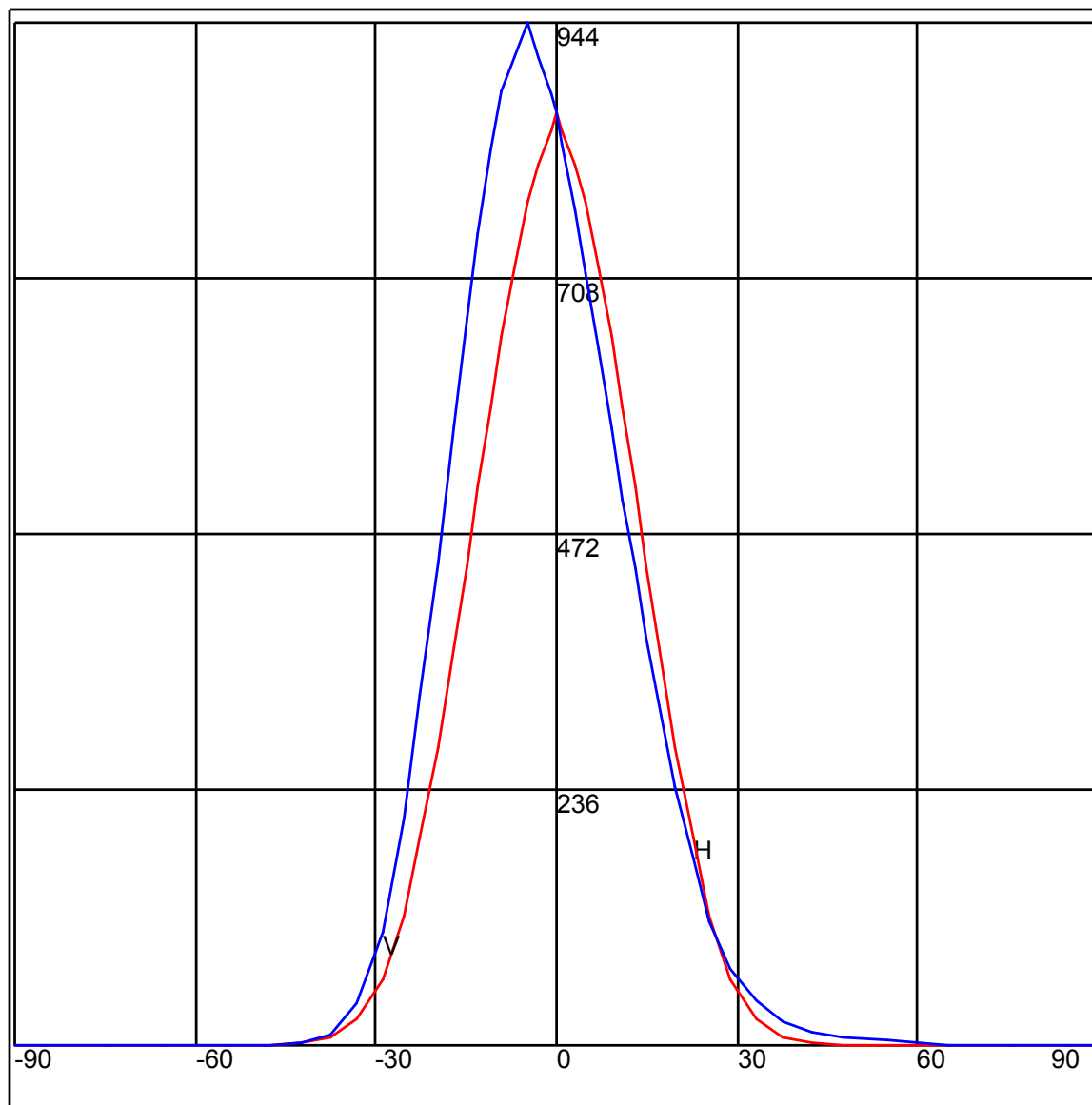


IES FLOOD REPORT
PHOTOMETRIC FILENAME : PROB-12-L430.IES

AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	.21	90	.21
85	.2	85	.25
75	.18	75	.28
65	.2	65	.44
55	.28	55	3.26
47.5	.35	47.5	7.16
42.5	1.86	42.5	11.77
37.5	7.1	37.5	21.29
33	23.87	33	40.2
29	60.1	29	71.05
25.5	118.53	25.5	114.26
22.5	191.8	22.5	171.27
19.5	275.19	19.5	237.46
17	367.53	17	314.21
15	441.4	15	375.61
13	514.03	13	438.94
11	586.66	11	502.27
9	653.91	9	569.43
7	715.78	7	640.42
5	777.65	5	711.41
3	810.41	3	770.66
1	843.16	1	829.91
0	859.54	0	859.54
-1	843.16	-1	876.42
-3	810.41	-3	910.19
-5	777.65	-5	943.96
-7	715.78	-7	912.04
-9	653.91	-9	880.11
-11	586.66	-11	825.28
-13	514.03	-13	747.53
-15	441.4	-15	669.78
-17	367.53	-17	569.65
-19.5	275.19	-19.5	444.49
-22.5	191.8	-22.5	321.61
-25.5	118.53	-25.5	208.74
-29	60.1	-29	103.59
-33	23.87	-33	39.09
-37.5	7.1	-37.5	9.21
-42.5	1.86	-42.5	1.33
-47.5	.35	-47.5	.33
-55	.28	-55	.2
-65	.2	-65	.18
-75	.18	-75	.2
-85	.2	-85	.24
-90	.21	-90	.21

AXIAL CANDELA DISPLAY

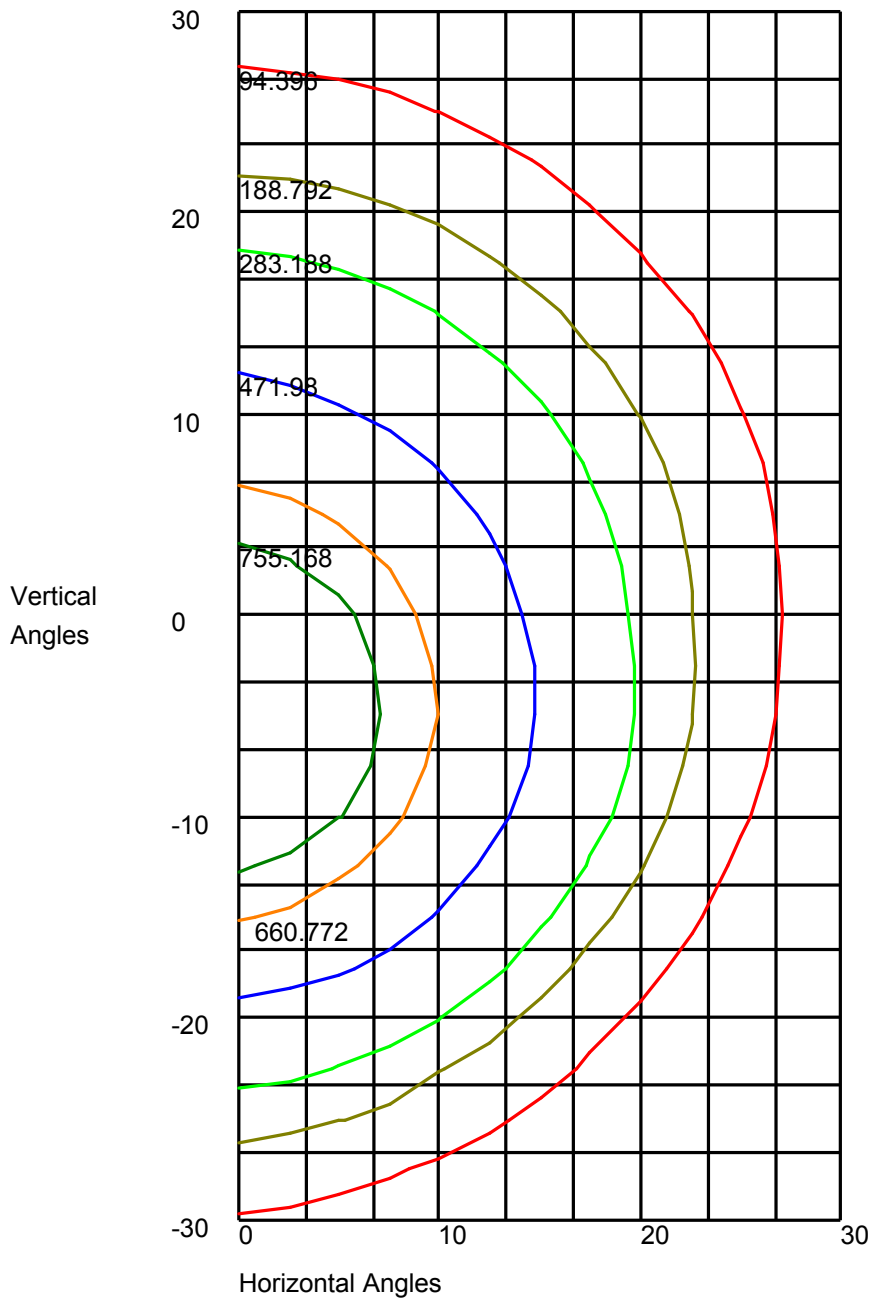


Maximum Candela = 943.96 Located At Horizontal Angle = 0, Vertical Angle = -5

H - Horizontal Axial Candela

V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 943.96 Located At Horizontal Angle = 0, Vertical Angle = -5
50% Maximum Candela = 471.98
10% Maximum Candela = 94.396