

# UNIQUE

## LIGHTING SYSTEMS®

### IES FLOOD REPORT

PHOTOMETRIC FILENAME : PROB-12-L530.IES

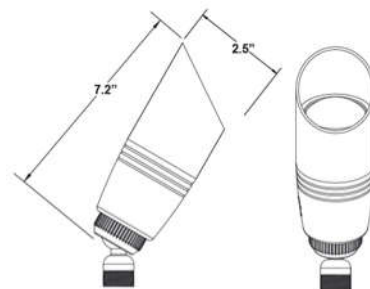
### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] 3234  
[TESTLAB] Labsphere  
[ISSUEDATE] 4/16/2019 12:54:13 PM  
[MANUFAC] TORO  
[LUMINAIRE] PROB-12-L530  
[LAMP] LED-5W-CM6FL30K  
[ \_AMBIENT] 22.0 deg C  
[ \_POWERFACTOR] 0.9176  
[ \_ATHD] 0.00%  
[ \_CURRENT] 0.43  
[ \_VOLTAGE] 12.00  
[ \_Lumens] 489.52  
[ \_END VOLTS] 12.01  
[ \_END CURRENT] 0.41  
[ \_END POWER] 4.53

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

### CHARACTERISTICS

NEMA Type	4 H x 4 V
Maximum Candela	1201.46
Maximum Candela Angle	-5H 1V
Horizontal Beam Angle (50%)	39.0
Vertical Beam Angle (50%)	33.1
Horizontal Field Angle (10%)	61.8
Vertical Field Angle (10%)	55.2
Lumens Per Lamp	390 (1 lamp)
Total Lamp Lumens	390
Beam Lumens	288
Beam Efficiency	74 %
Field Lumens	441
Field Efficiency	113 %
Spill Lumens	50
Luminaire Lumens	491
Total Efficiency	126 %
Total Luminaire Watts	4.72
Ballast Factor	1.00

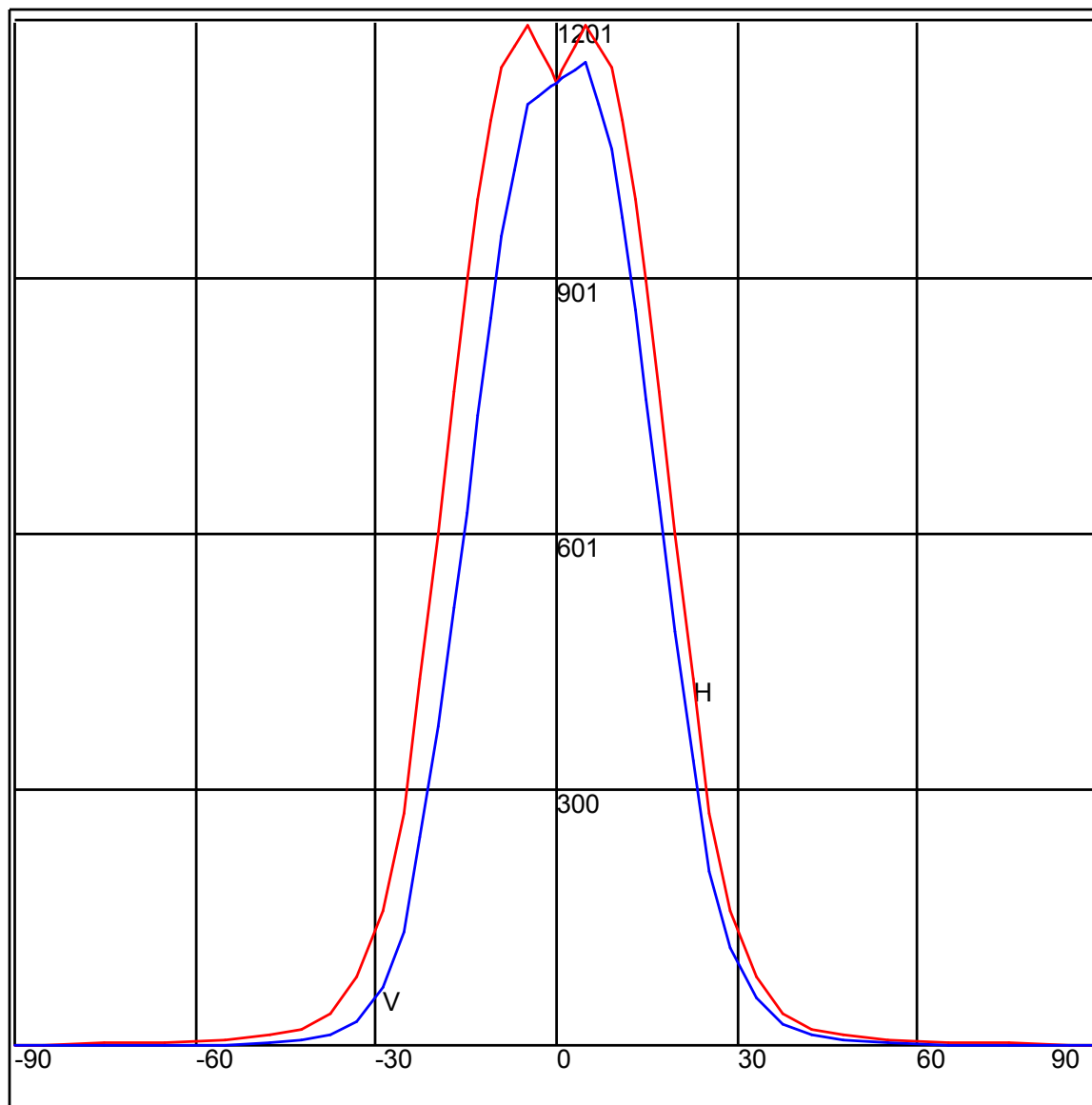


**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : PROB-12-L530.IES**

**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	.26	90	.31
85	.32	85	.23
75	2.33	75	.36
65	2.05	65	.5
55	5.66	55	2.72
47.5	10.64	47.5	6.81
42.5	17.37	42.5	11.87
37.5	36	37.5	24.86
33	79.59	33	55.72
29	157.01	29	113.17
25.5	272	25.5	203.08
22.5	428.06	22.5	334.86
19.5	600.61	19.5	484.03
17	765.19	17	635.16
15	896.85	15	756.07
13	991.65	13	863.27
11	1086.46	11	970.48
9	1146.76	9	1050.25
7	1172.55	7	1102.58
5	1198.34	5	1154.91
3	1171	3	1144.94
1	1143.66	1	1134.97
0	1129.99	0	1129.99
-1	1143.66	-1	1124.68
-3	1171	-3	1114.06
-5	1198.34	-5	1103.44
-7	1172.55	-7	1025.8
-9	1146.76	-9	948.17
-11	1086.46	-11	852.45
-13	991.65	-13	738.65
-15	896.85	-15	624.85
-17	765.19	-17	512.99
-19.5	600.61	-19.5	373.17
-22.5	428.06	-22.5	243.82
-25.5	272	-25.5	132.85
-29	157.01	-29	65.78
-33	79.59	-33	28.2
-37.5	36	-37.5	10.85
-42.5	17.37	-42.5	4.36
-47.5	10.64	-47.5	1.84
-55	5.66	-55	.4
-65	2.05	-65	.34
-75	2.33	-75	.3
-85	.32	-85	.27
-90	.26	-90	.27

AXIAL CANDELA DISPLAY

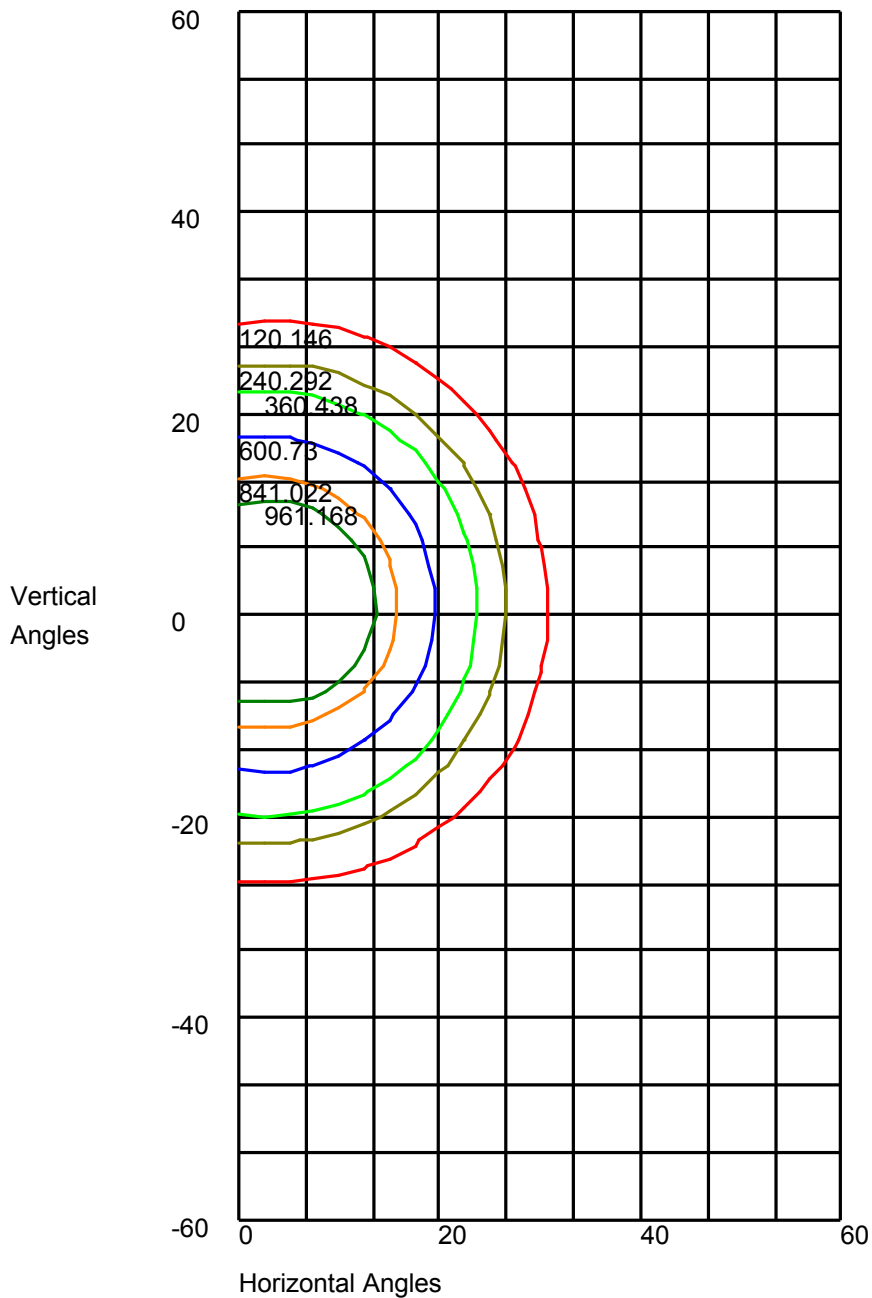


Maximum Candela = 1201.46 Located At Horizontal Angle = -5, Vertical Angle = 1

H - Horizontal Axial Candela

V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 1201.46 Located At Horizontal Angle = -5, Vertical Angle = 1  
50% Maximum Candela = 600.73  
10% Maximum Candela = 120.146