

# UNIQUE

## LIGHTING SYSTEMS®

### IES FLOOD REPORT

PHOTOMETRIC FILENAME : PROB-12-L527.IES

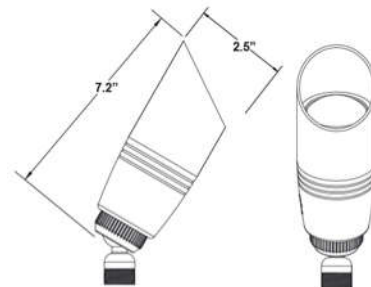
### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] 3233  
[TESTLAB] Labsphere  
[ISSUEDATE] 4/16/2019 10:24:00 AM  
[MANUFAC] TORO  
[LUMINAIRE] PROB-12-L527  
[LAMP] LED-5W-CM6FL27K  
[ \_ AMBIENT] 22.4 deg C  
[ \_ POWERFACTOR] 0.9183  
[ \_ ATHD] 0.00%  
[ \_ CURRENT] 0.43  
[ \_ VOLTAGE] 12.00  
[ \_ Lumens] 403.62  
[ \_ END VOLTS] 12.01  
[ \_ END CURRENT] 0.41  
[ \_ END POWER] 4.56

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

### CHARACTERISTICS

NEMA Type	4 H x 4 V
Maximum Candela	1356.18
Maximum Candela Angle	0H -5V
Horizontal Beam Angle (50%)	28.5
Vertical Beam Angle (50%)	31.4
Horizontal Field Angle (10%)	50.8
Vertical Field Angle (10%)	52.5
Lumens Per Lamp	380 (1 lamp)
Total Lamp Lumens	380
Beam Lumens	215
Beam Efficiency	57 %
Field Lumens	356
Field Efficiency	94 %
Spill Lumens	50
Luminaire Lumens	406
Total Efficiency	107 %
Total Luminaire Watts	4.77
Ballast Factor	1.00

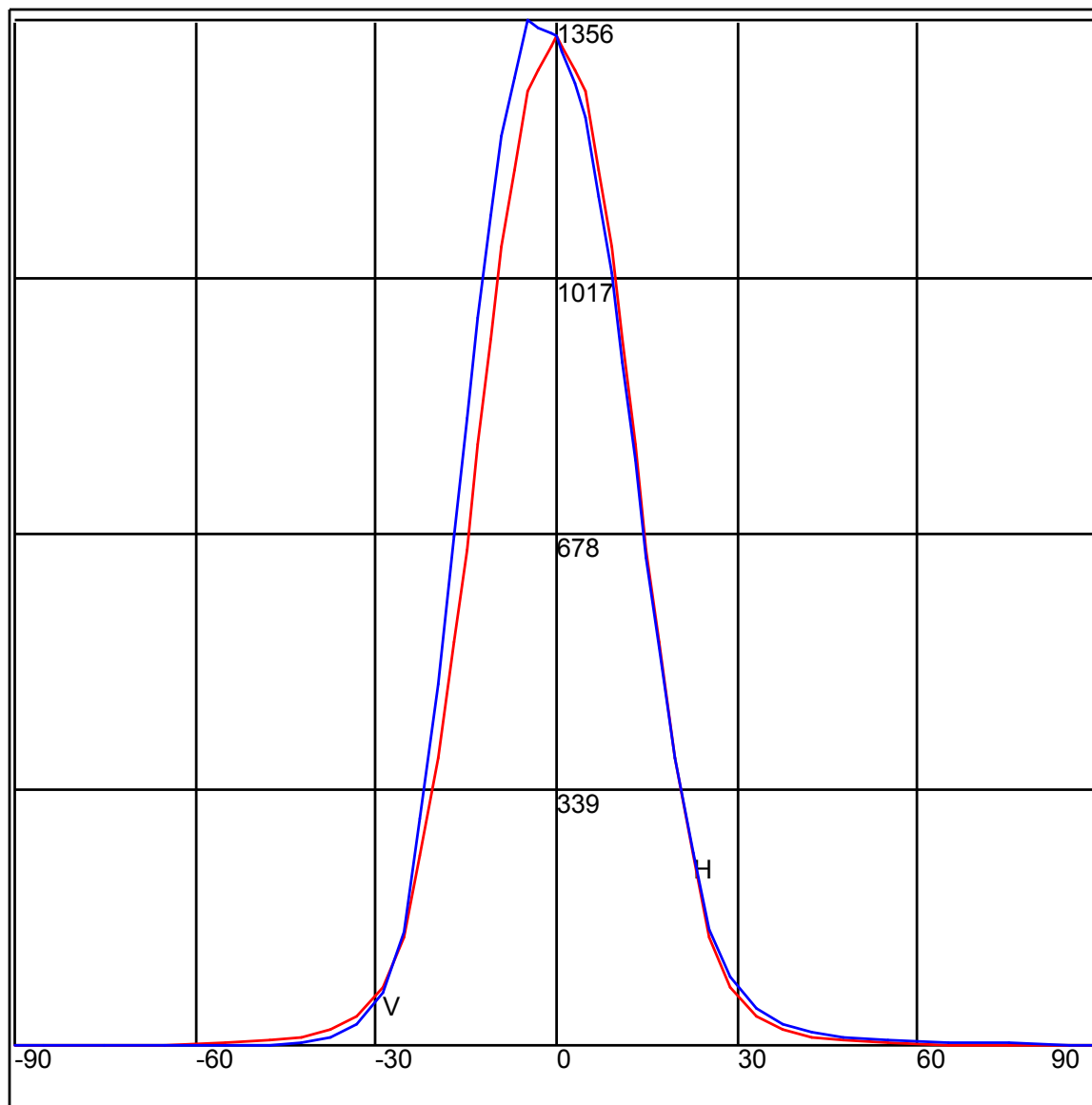


**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : PROB-12-L527.IES**

**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	.35	90	.35
85	.38	85	.3
75	.32	75	2.43
65	.51	65	1.89
55	1.89	55	5.51
47.5	6.45	47.5	10.51
42.5	10.88	42.5	15.59
37.5	19.15	37.5	26.58
33	37.95	33	49.08
29	76.33	29	89.13
25.5	142.77	25.5	151.9
22.5	250.42	22.5	254.99
19.5	379.46	19.5	378.77
17	533.9	17	527.07
15	657.46	15	645.71
13	796.73	13	775.03
11	936	11	904.36
9	1057.26	9	1021.21
7	1160.52	7	1125.58
5	1263.78	5	1229.95
3	1292.79	3	1272.49
1	1321.8	1	1315.04
0	1336.31	0	1336.31
-1	1321.8	-1	1340.28
-3	1292.79	-3	1348.23
-5	1263.78	-5	1356.18
-7	1160.52	-7	1280.13
-9	1057.26	-9	1204.08
-11	936	-11	1098.85
-13	796.73	-13	964.43
-15	657.46	-15	830.01
-17	533.9	-17	672.96
-19.5	379.46	-19.5	476.65
-22.5	250.42	-22.5	298.61
-25.5	142.77	-25.5	148.51
-29	76.33	-29	69.37
-33	37.95	-33	26.63
-37.5	19.15	-37.5	8.55
-42.5	10.88	-42.5	2.19
-47.5	6.45	-47.5	.44
-55	1.89	-55	.31
-65	.51	-65	.3
-75	.32	-75	.21
-85	.38	-85	.31
-90	.35	-90	.35

AXIAL CANDELA DISPLAY

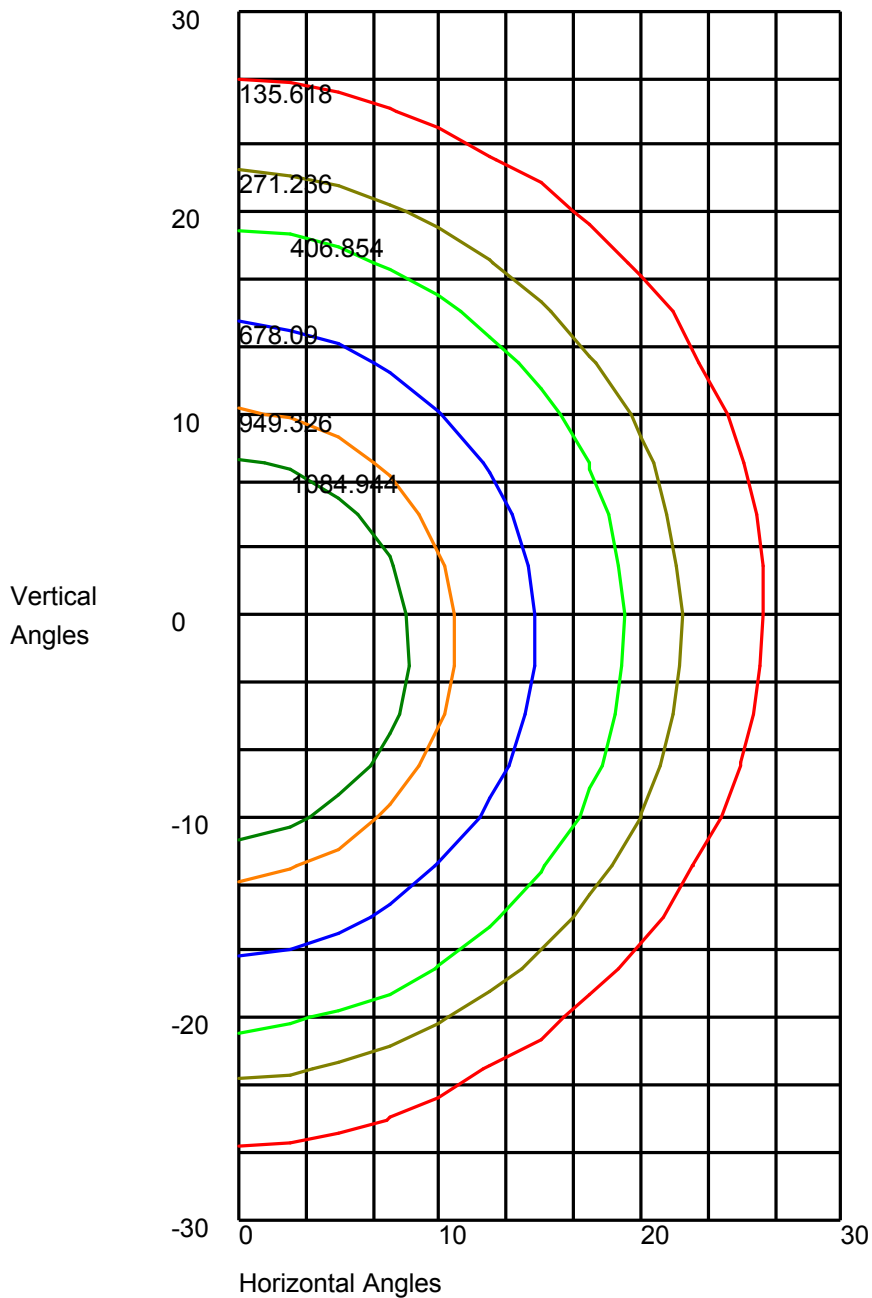


Maximum Candela = 1356.18 Located At Horizontal Angle = 0, Vertical Angle = -5

H - Horizontal Axial Candela

V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 1356.18 Located At Horizontal Angle = 0, Vertical Angle = -5  
50% Maximum Candela = 678.09  
10% Maximum Candela = 135.618