

# UNIQUE

## LIGHTING SYSTEMS®

### IES FLOOD REPORT

PHOTOMETRIC FILENAME : PULS-12-L827.IES

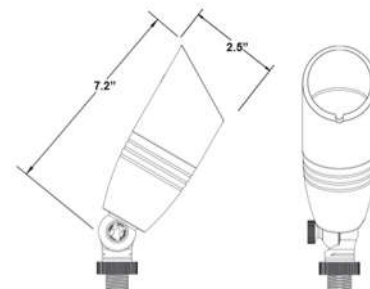
### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] 3413  
[TESTLAB] Labsphere  
[ISSUEDATE] 12/9/2019 11:51:45 AM  
[MANUFAC] TORO  
[LUMINAIRE] PULS-12-L827  
[LAMP] LED-8W-CM6FL27K  
[ \_AMBIENT] 21.9 deg C  
[ \_POWERFACTOR] 0.9207  
[ \_ATHD] 0.00%  
[ \_CURRENT] 0.70  
[ \_VOLTAGE] 11.99  
[ \_Lumens] 590  
[ \_END VOLTS] 11.99  
[ \_END CURRENT] 0.65  
[ \_END POWER] 7.15

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

### CHARACTERISTICS

NEMA Type	4 H x 4 V
Maximum Candela	1982.47
Maximum Candela Angle	0H 5V
Horizontal Beam Angle (50%)	26.2
Vertical Beam Angle (50%)	31.9
Horizontal Field Angle (10%)	48.4
Vertical Field Angle (10%)	51.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	290
Beam Efficiency	N.A.
Field Lumens	493
Field Efficiency	N.A.
Spill Lumens	64
Luminaire Lumens	557
Total Efficiency	N.A.
Total Luminaire Watts	7.76
Ballast Factor	1.00

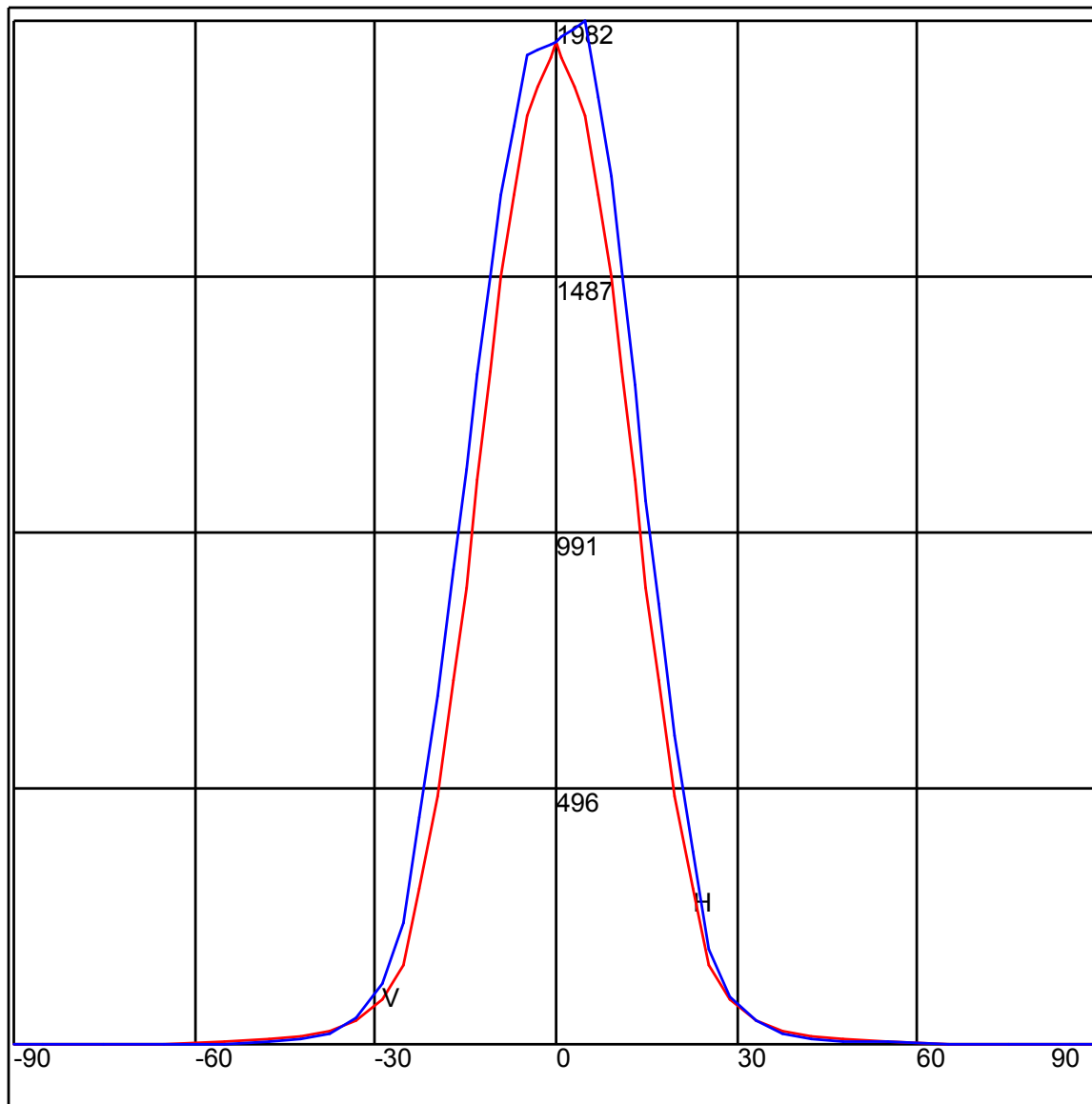


**IES FLOOD REPORT**  
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**AXIAL CANDELA**

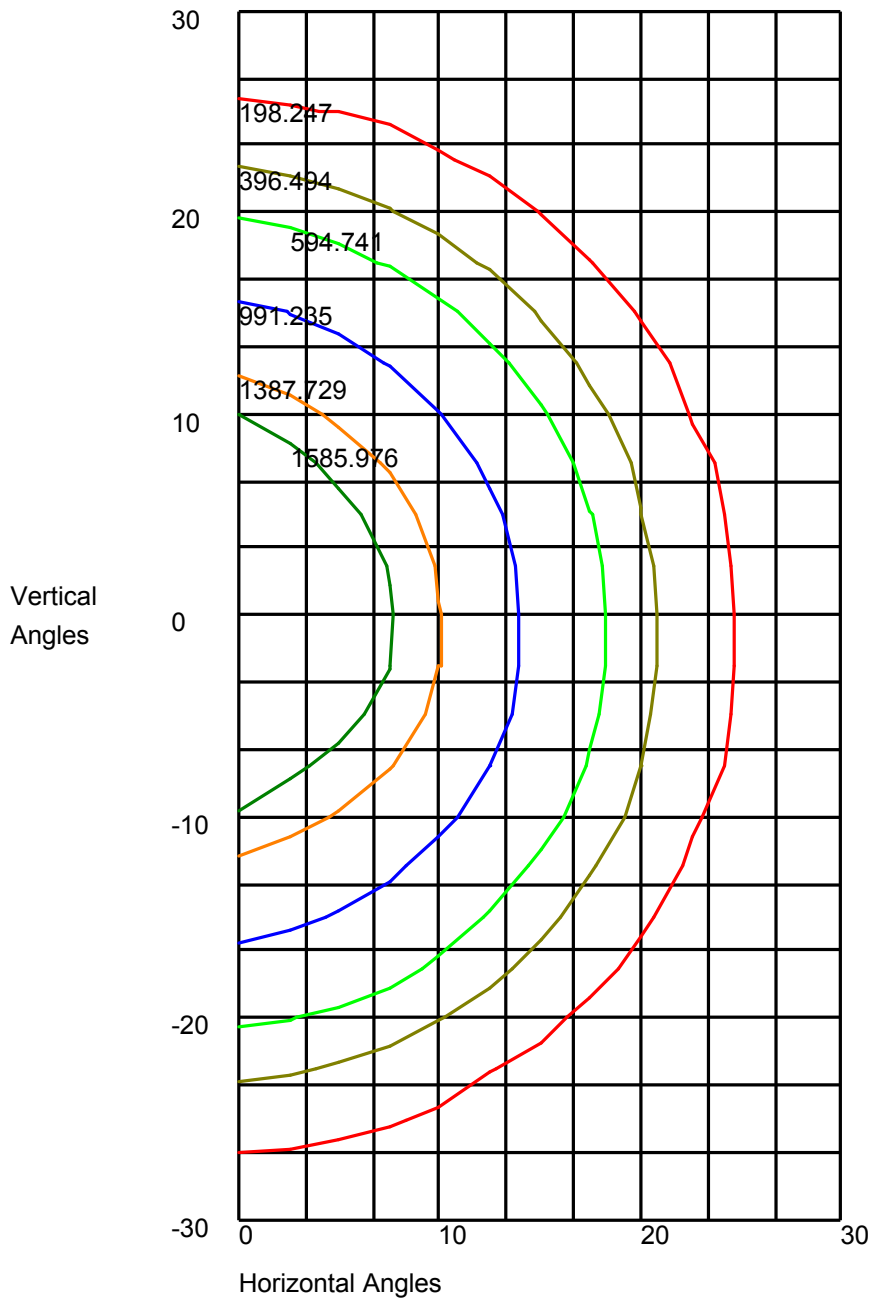
DEG.	HOR.	DEG.	VERT.
90	.53	90	.4
85	.74	85	.58
75	.67	75	.57
65	.85	65	.67
55	2.5	55	1.39
47.5	7.03	47.5	4.26
42.5	13.29	42.5	9.38
37.5	23.58	37.5	20.44
33	43.64	33	43.06
29	83.93	29	91.84
25.5	153.62	25.5	184.85
22.5	298.26	22.5	372.33
19.5	478.04	19.5	597.16
17	703.56	17	850.36
15	883.98	15	1052.92
13	1093.32	13	1273.46
11	1302.65	11	1493.99
9	1485.33	9	1679.9
7	1641.36	7	1831.19
5	1797.38	5	1982.47
3	1853.69	3	1964.75
1	1910	1	1947.02
0	1938.16	0	1938.16
-1	1910	-1	1933.18
-3	1853.69	-3	1923.21
-5	1797.38	-5	1913.25
-7	1641.36	-7	1777.79
-9	1485.33	-9	1642.33
-11	1302.65	-11	1482.27
-13	1093.32	-13	1297.6
-15	883.98	-15	1112.94
-17	703.56	-17	917.43
-19.5	478.04	-19.5	673.04
-22.5	298.26	-22.5	436.48
-25.5	153.62	-25.5	232.09
-29	83.93	-29	115.09
-33	43.64	-33	47.3
-37.5	23.58	-37.5	17.21
-42.5	13.29	-42.5	6.57
-47.5	7.03	-47.5	2.21
-55	2.5	-55	1.02
-65	.85	-65	.64
-75	.67	-75	.46
-85	.74	-85	.46
-90	.53	-90	.39

AXIAL CANDELA DISPLAY



Maximum Candela = 1982.47 Located At Horizontal Angle = 0, Vertical Angle = 5  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 1982.47 Located At Horizontal Angle = 0, Vertical Angle = 5  
 50% Maximum Candela = 991.235  
 10% Maximum Candela = 198.247