

# UNIQUE

## LIGHTING SYSTEMS®

### IES FLOOD REPORT

PHOTOMETRIC FILENAME : PULS-12-L427.IES

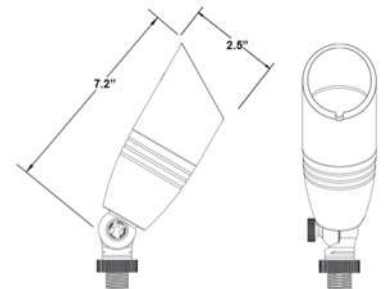
### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] 3409  
[TESTLAB] Labsphere  
[ISSUEDATE] 12/6/2019 12:00:34 PM  
[MANUFAC] TORO  
[LUMINAIRE] PULS-12-L427  
[LAMP] LED-4W-CM6FL27K  
[ \_AMBIENT] 21.8 deg C  
[ \_POWERFACTOR] 0.5732  
[ \_ATHD] 0.00%  
[ \_CURRENT] 0.36  
[ \_VOLTAGE] 11.95  
[ \_Lumens] 300  
[ \_END VOLTS] 11.95  
[ \_END CURRENT] 0.35  
[ \_END POWER] 2.41

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

### CHARACTERISTICS

NEMA Type	4 H x 4 V
Maximum Candela	716.35
Maximum Candela Angle	0H 5V
Horizontal Beam Angle (50%)	27.8
Vertical Beam Angle (50%)	29.4
Horizontal Field Angle (10%)	49.6
Vertical Field Angle (10%)	51.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	108
Beam Efficiency	N.A.
Field Lumens	180
Field Efficiency	N.A.
Spill Lumens	24
Luminaire Lumens	204
Total Efficiency	N.A.
Total Luminaire Watts	2.45
Ballast Factor	1.00

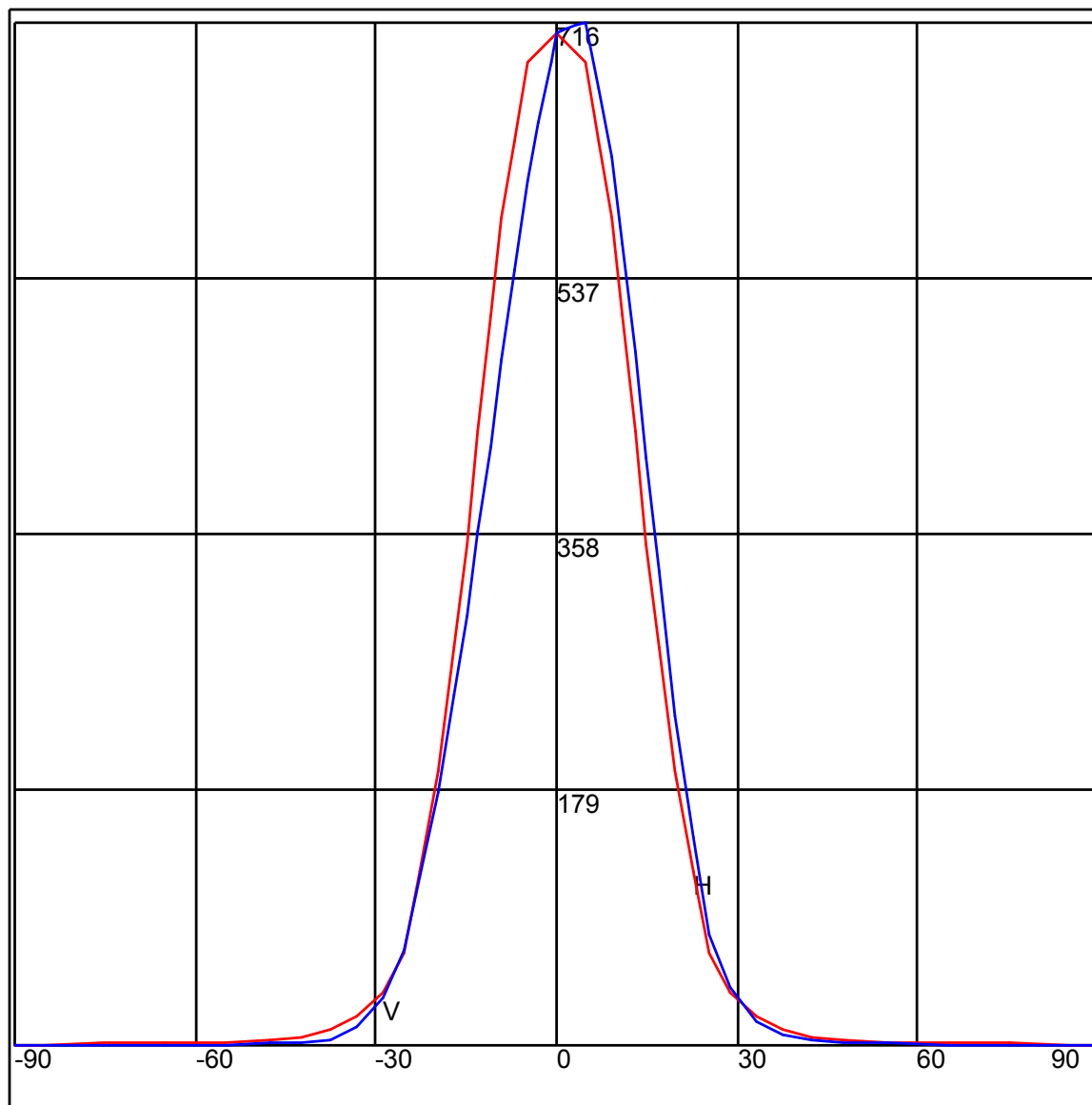


**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : PULS-12-L427.IES**

**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	.32	90	.3
85	.33	85	.35
75	.49	75	.28
65	.61	65	.34
55	1.04	55	.44
47.5	2.59	47.5	.8
42.5	5.62	42.5	2.31
37.5	11.03	37.5	6.06
33	19.88	33	16.61
29	36.51	29	39.44
25.5	64.91	25.5	76.8
22.5	121.3	22.5	145.76
19.5	191.19	19.5	229.61
17	279.02	17	330.79
15	349.28	15	411.73
13	430.16	13	485.65
11	511.03	11	559.58
9	578.62	9	620.5
7	632.91	7	668.43
5	687.2	5	716.35
3	695.56	3	713.05
1	703.91	1	709.74
0	708.09	0	708.09
-1	703.91	-1	687.27
-3	695.56	-3	645.64
-5	687.2	-5	604.01
-7	632.91	-7	541.76
-9	578.62	-9	479.51
-11	511.03	-11	418.64
-13	430.16	-13	359.15
-15	349.28	-15	299.66
-17	279.02	-17	244.74
-19.5	191.19	-19.5	176.1
-22.5	121.3	-22.5	116.83
-25.5	64.91	-25.5	66.45
-29	36.51	-29	32.57
-33	19.88	-33	12.39
-37.5	11.03	-37.5	3.51
-42.5	5.62	-42.5	1.11
-47.5	2.59	-47.5	.54
-55	1.04	-55	.38
-65	.61	-65	.29
-75	.49	-75	.34
-85	.33	-85	.32
-90	.32	-90	.31

AXIAL CANDELA DISPLAY

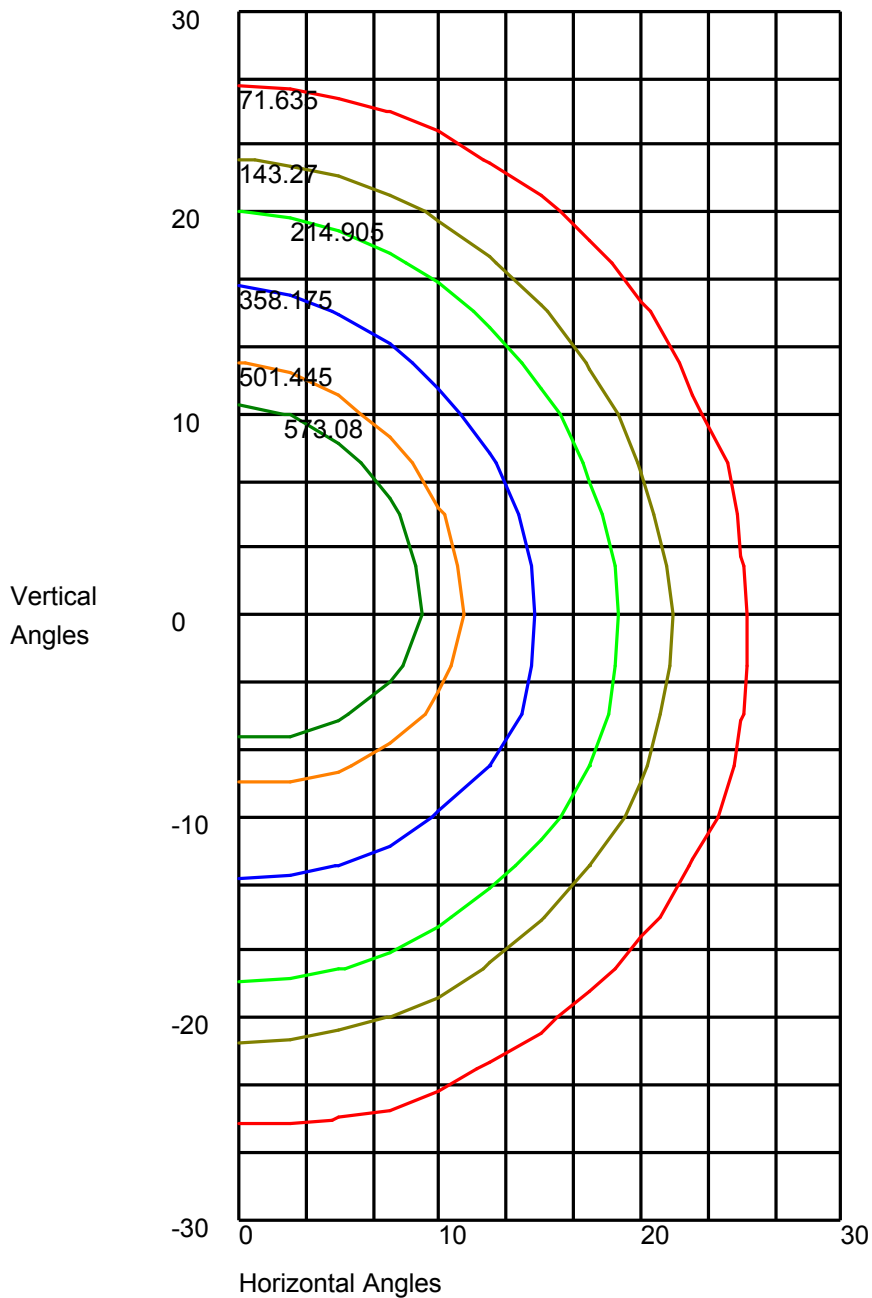


Maximum Candela = 716.35 Located At Horizontal Angle = 0, Vertical Angle = 5

H - Horizontal Axial Candela

V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 716.35 Located At Horizontal Angle = 0, Vertical Angle = 5  
50% Maximum Candela = 358.175  
10% Maximum Candela = 71.635