

# UNIQUE

## LIGHTING SYSTEMS®

### IES FLOOD REPORT

PHOTOMETRIC FILENAME : PULS-12-L430.IES

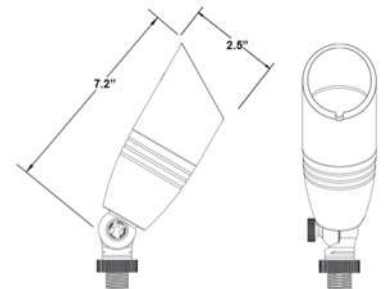
### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] 3410  
[TESTLAB] Labsphere  
[ISSUEDATE] 12/6/2019 2:30:09 PM  
[MANUFAC] TORO  
[LUMINAIRE] PULS-12-L430  
[LAMP] LED-4W-CM6FL30K  
[ \_AMBIENT] 22.5 deg C  
[ \_POWERFACTOR] 0.5851  
[ \_ATHD] 0.00%  
[ \_CURRENT] 0.54  
[ \_VOLTAGE] 12.02  
[ \_Lumens] 310  
[ \_END VOLTS] 11.99  
[ \_END CURRENT] 0.51  
[ \_END POWER] 3.63

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

### CHARACTERISTICS

NEMA Type	4 H x 4 V
Maximum Candela	1000.79
Maximum Candela Angle	-5H 0V
Horizontal Beam Angle (50%)	32.7
Vertical Beam Angle (50%)	31.9
Horizontal Field Angle (10%)	53.5
Vertical Field Angle (10%)	54.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	195
Beam Efficiency	N.A.
Field Lumens	302
Field Efficiency	N.A.
Spill Lumens	37
Luminaire Lumens	339
Total Efficiency	N.A.
Total Luminaire Watts	3.81
Ballast Factor	1.00

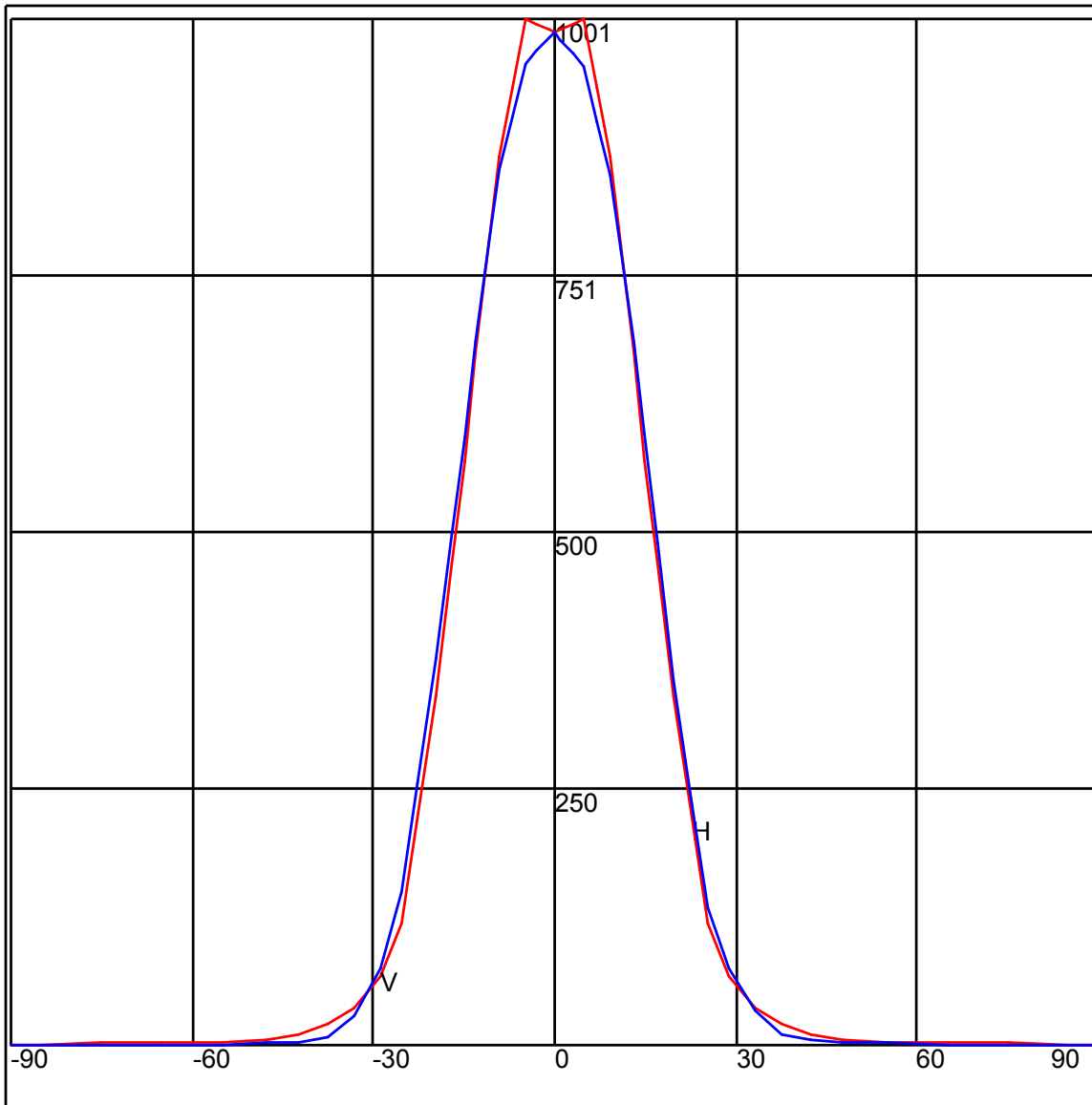


**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : PULS-12-L430.IES**

**AXIAL CANDELA**

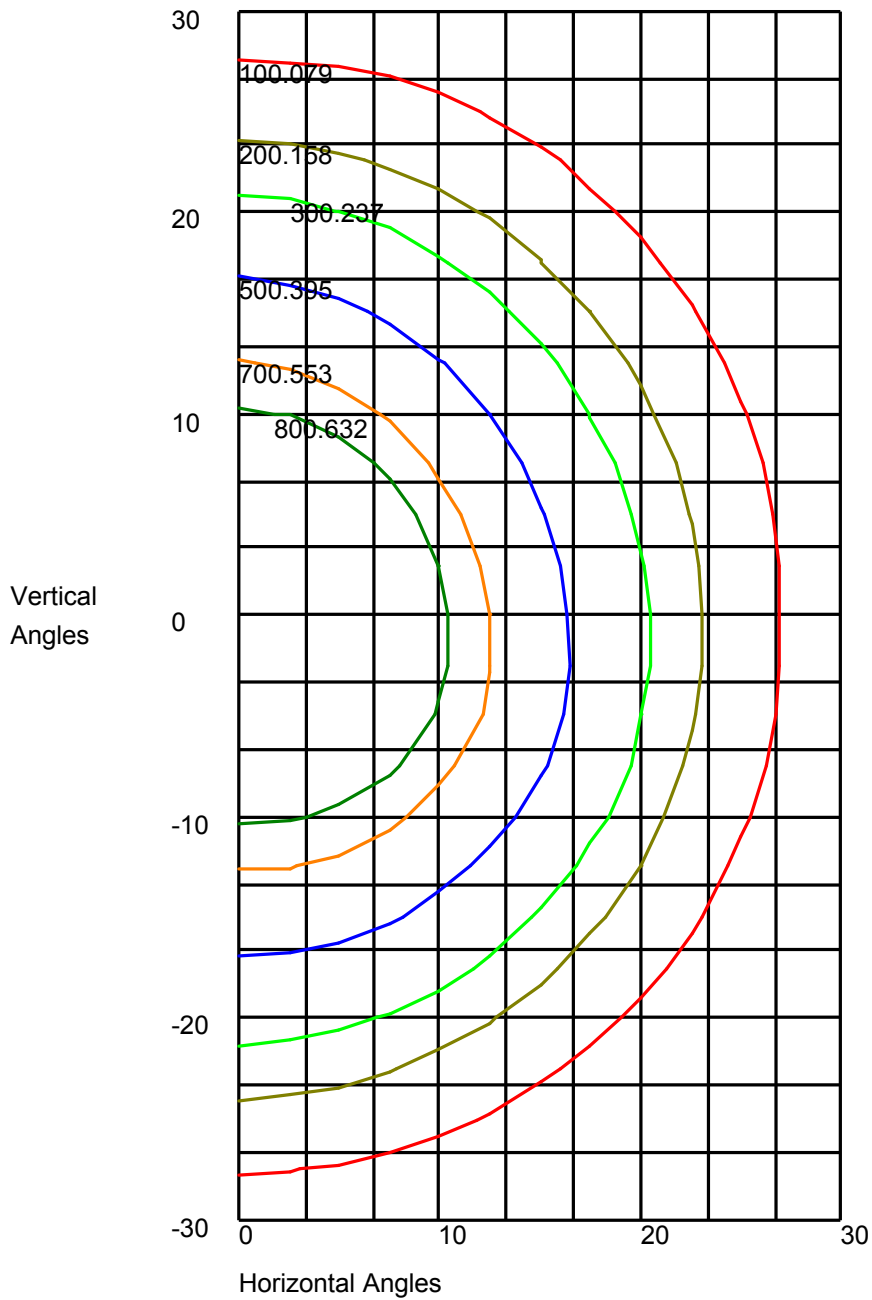
DEG.	HOR.	DEG.	VERT.
90	.27	90	.33
85	.47	85	.24
75	.73	75	.29
65	.81	65	.35
55	1.76	55	.73
47.5	4.11	47.5	1.41
42.5	9.21	42.5	3.95
37.5	19.31	37.5	10.77
33	36.16	33	32.15
29	66.9	29	74.07
25.5	119.08	25.5	132.81
22.5	219.75	22.5	234.65
19.5	338.68	19.5	354.85
17	467.23	17	488.62
15	570.07	15	595.64
13	675.28	13	685.41
11	780.49	11	775.18
9	866.64	9	846.67
7	933.71	7	899.89
5	1000.79	5	953.11
3	994.94	3	966.33
1	989.09	1	979.56
0	986.17	0	986.17
-1	989.09	-1	980.17
-3	994.94	-3	968.16
-5	1000.79	-5	956.15
-7	933.71	-7	904.31
-9	866.64	-9	852.46
-11	780.49	-11	779.49
-13	675.28	-13	685.38
-15	570.07	-15	591.28
-17	467.23	-17	495.62
-19.5	338.68	-19.5	376.05
-22.5	219.75	-22.5	255.23
-25.5	119.08	-25.5	147.72
-29	66.9	-29	73.47
-33	36.16	-33	28.4
-37.5	19.31	-37.5	8.05
-42.5	9.21	-42.5	2.31
-47.5	4.11	-47.5	.82
-55	1.76	-55	.4
-65	.81	-65	.38
-75	.73	-75	.23
-85	.47	-85	.24
-90	.27	-90	.3

AXIAL CANDELA DISPLAY



Maximum Candela = 1000.79 Located At Horizontal Angle = -5, Vertical Angle = 0  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 1000.79 Located At Horizontal Angle = -5, Vertical Angle = 0  
50% Maximum Candela = 500.395  
10% Maximum Candela = 100.079