

# UNIQUE

## LIGHTING SYSTEMS®

### IES FLOOD REPORT

PHOTOMETRIC FILENAME : NSOS-12-L227.IES

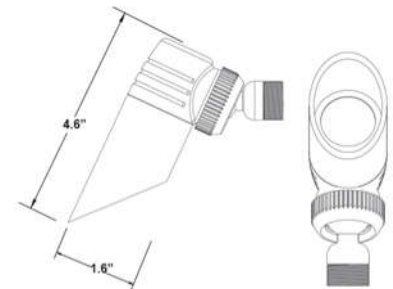
### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] 3601  
[TESTLAB] Labsphere  
[ISSUEDATE] 11/12/2020 7:40:03 AM  
[MANUFAC] TORO  
[LUMINAIRE] NSOS-12-L227  
[LAMP] LED-2W-M1FL27K-12  
[ \_ AMBIENT] 21.9 deg C  
[ \_ POWERFACTOR] 0.5929  
[ \_ ATHD] 0.00%  
[ \_ CURRENT] 0.28  
[ \_ VOLTAGE] 11.94  
[ \_ Lumens] 637.35  
[ \_ END VOLTS] 11.96  
[ \_ END CURRENT] 0.27  
[ \_ END POWER] 1.89

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

### CHARACTERISTICS

NEMA Type	3 H x 4 V
Maximum Candela	3266.14
Maximum Candela Angle	0H 5V
Horizontal Beam Angle (50%)	24.0
Vertical Beam Angle (50%)	26.4
Horizontal Field Angle (10%)	40.5
Vertical Field Angle (10%)	48.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	325
Beam Efficiency	N.A.
Field Lumens	581
Field Efficiency	N.A.
Spill Lumens	60
Luminaire Lumens	641
Total Efficiency	N.A.
Total Luminaire Watts	1.96
Ballast Factor	1.00

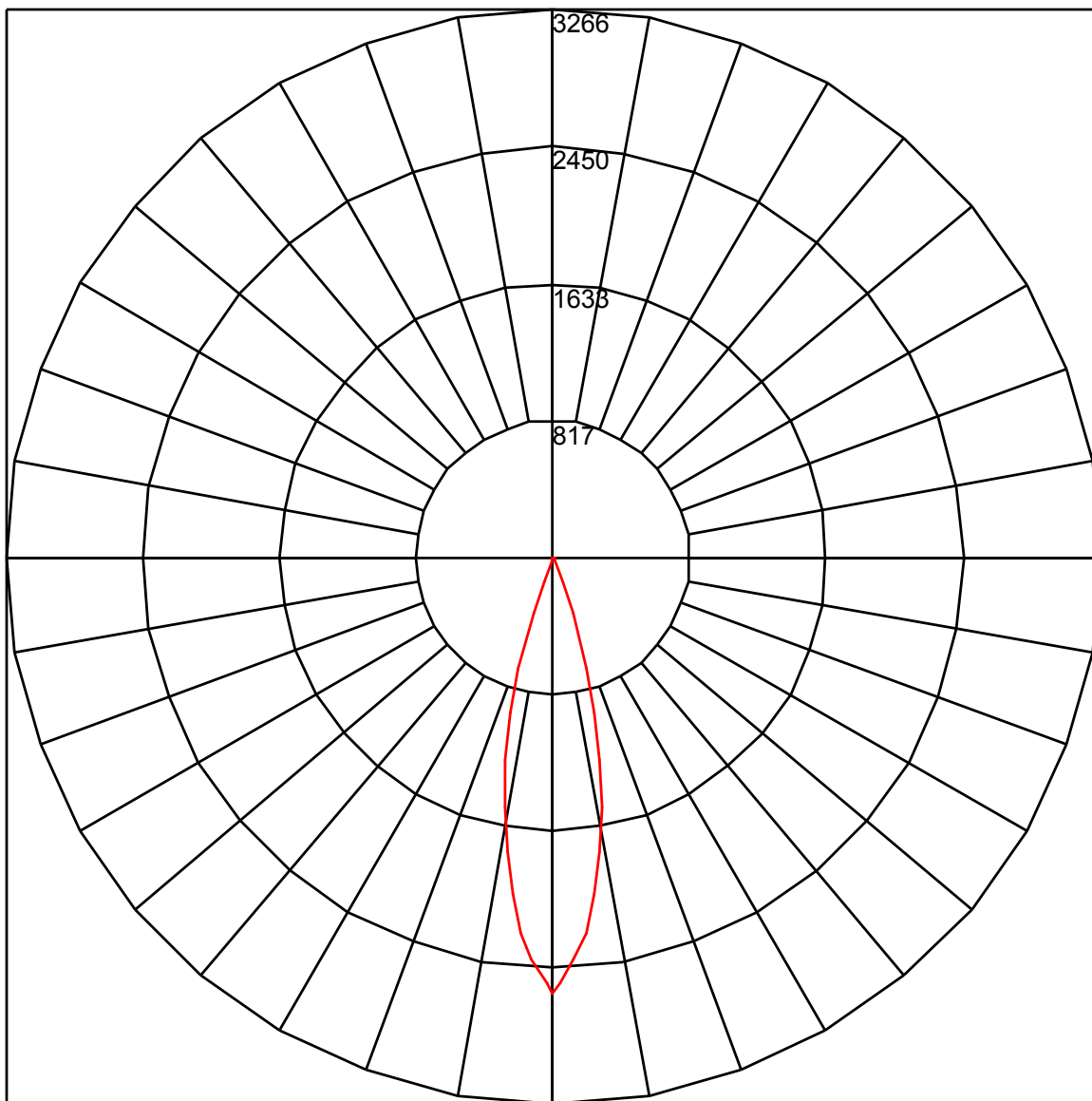


**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : NSOS-12-L227.IES**

**AXIAL CANDELA**

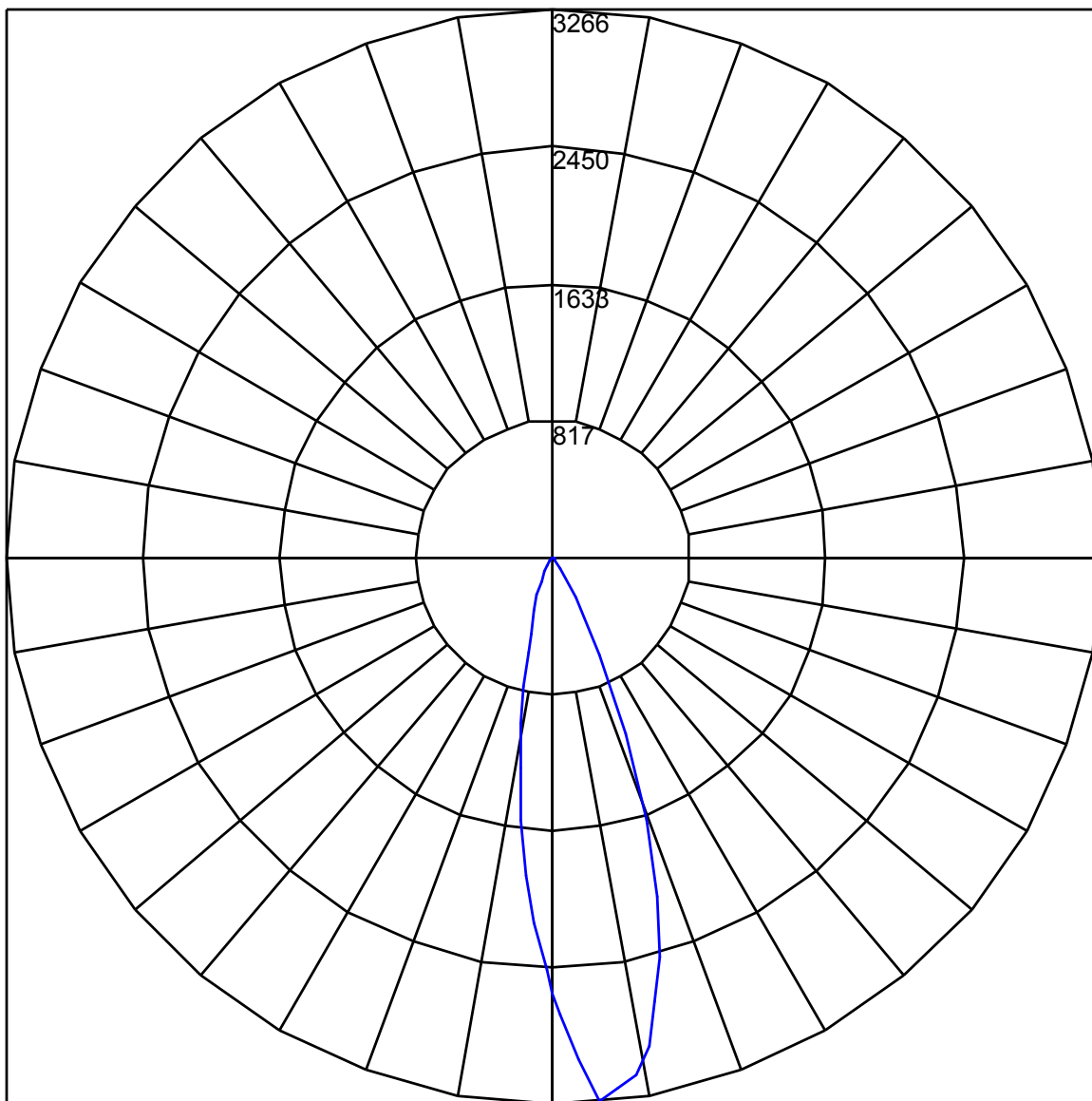
DEG.	HOR.	DEG.	VERT.
90	.81	90	.67
85	.53	85	.53
75	.54	75	.77
65	.71	65	.69
55	.54	55	.87
47.5	.55	47.5	1.41
42.5	.6	42.5	3.91
37.5	.68	37.5	17.48
33	.88	33	83.2
29	5.6	29	273.67
25.5	21.14	25.5	653.94
22.5	156.19	22.5	1142.26
19.5	356.81	19.5	1666.24
17	695.74	17	2116.11
15	966.89	15	2476.01
13	1244.37	13	2725.94
11	1521.86	11	2975.87
9	1780.52	9	3133.89
7	2020.35	7	3200.02
5	2260.18	5	3266.14
3	2399.6	3	3003.18
1	2539.02	1	2740.21
0	2608.73	0	2608.73
-1	2539.02	-1	2469.07
-3	2399.6	-3	2189.75
-5	2260.18	-5	1910.43
-7	2020.35	-7	1592.38
-9	1780.52	-9	1274.33
-11	1521.86	-11	1008.73
-13	1244.37	-13	795.59
-15	966.89	-15	582.45
-17	695.74	-17	473.59
-19.5	356.81	-19.5	337.52
-22.5	156.19	-22.5	240.39
-25.5	21.14	-25.5	161.72
-29	5.6	-29	100.44
-33	.88	-33	54.12
-37.5	.68	-37.5	25.55
-42.5	.6	-42.5	12.02
-47.5	.55	-47.5	6.08
-55	.54	-55	2.61
-65	.71	-65	1.22
-75	.54	-75	.95
-85	.53	-85	.6
-90	.81	-90	.57

AXIAL CANDELA DISPLAY



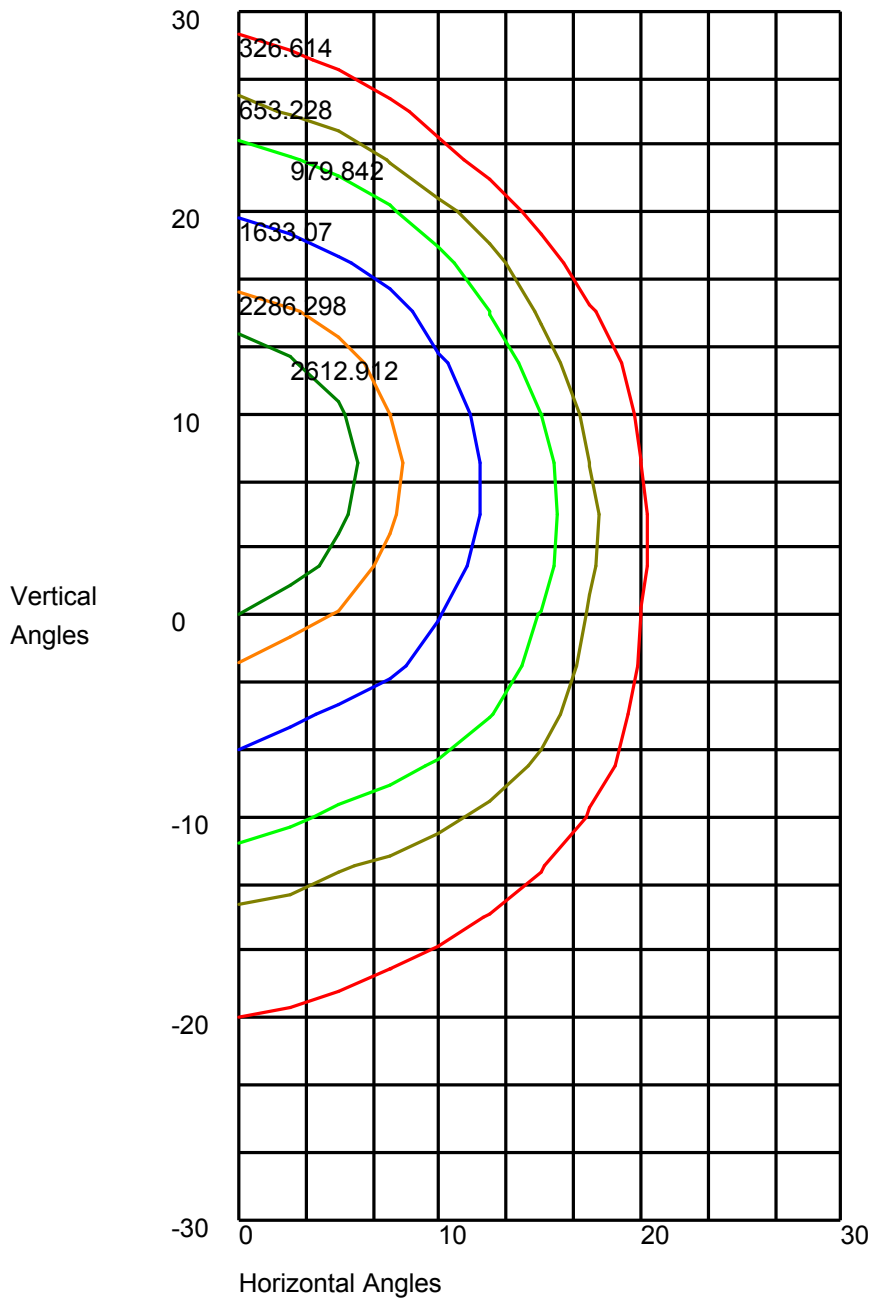
Maximum Candela = 3266.14 Located At Horizontal Angle = 0, Vertical Angle = 5  
Horizontal Axial Candela

AXIAL CANDELA DISPLAY



Maximum Candela = 3266.14 Located At Horizontal Angle = 0, Vertical Angle = 5  
Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 3266.14 Located At Horizontal Angle = 0, Vertical Angle = 5  
50% Maximum Candela = 1633.07  
10% Maximum Candela = 326.614