

# UNIQUE

## LIGHTING SYSTEMS®

### IES FLOOD REPORT

PHOTOMETRIC FILENAME : PROS-12-L830.IES

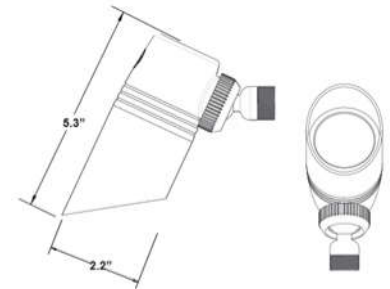
### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] 3236  
[TESTLAB] Labsphere  
[ISSUEDATE] 4/17/2019 9:41:50 AM  
[MANUFAC] TORO  
[LUMINAIRE] PROS-12-L830  
[LAMP] LED-8W-CM6FL30K  
[ \_AMBIENT] 22.9 deg C  
[ \_POWERFACTOR] 0.9223  
[ \_ATHD] 0.00%  
[ \_CURRENT] 0.76  
[ \_VOLTAGE] 11.91  
[ \_Lumens] 829.71  
[ \_END VOLTS] 11.93  
[ \_END CURRENT] 0.70  
[ \_END POWER] 7.63

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

### CHARACTERISTICS

NEMA Type	4 H x 4 V
Maximum Candela	1812.27
Maximum Candela Angle	-9H 0V
Horizontal Beam Angle (50%)	44.0
Vertical Beam Angle (50%)	32.6
Horizontal Field Angle (10%)	66.9
Vertical Field Angle (10%)	56.3
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	502
Beam Efficiency	N.A.
Field Lumens	756
Field Efficiency	N.A.
Spill Lumens	78
Luminaire Lumens	833
Total Efficiency	N.A.
Total Luminaire Watts	8.39
Ballast Factor	1.00

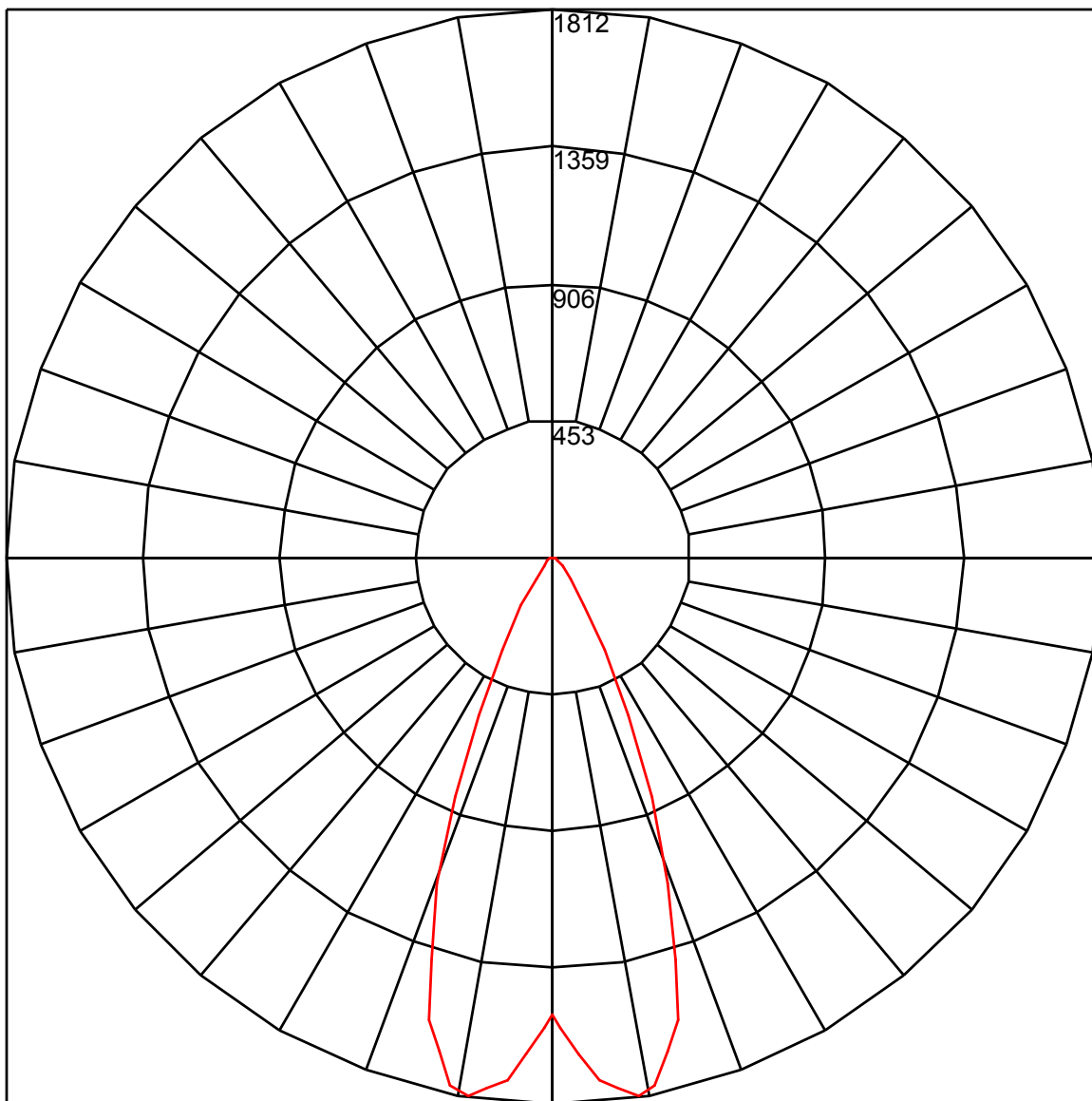


**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : PROS-12-L830.IES**

**AXIAL CANDELA**

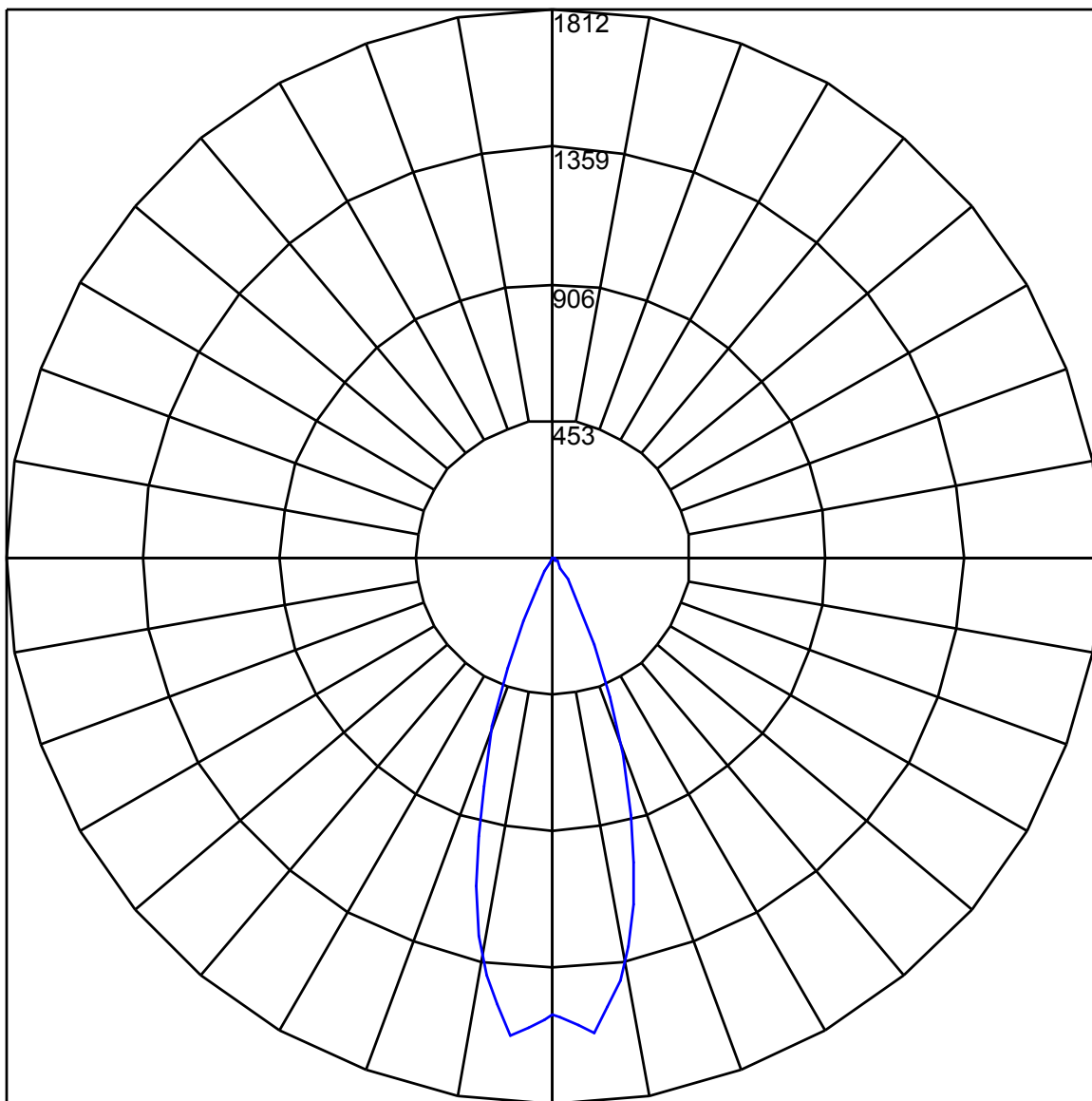
DEG.	HOR.	DEG.	VERT.
90	.35	90	.35
85	.5	85	.47
75	.68	75	.4
65	2.09	65	.76
55	10.42	55	4.14
47.5	22.72	47.5	11.71
42.5	43.11	42.5	20.86
37.5	91.53	37.5	42.69
33	190.82	33	91.54
29	353.43	29	181.6
25.5	581.19	25.5	323.59
22.5	855.32	22.5	501.85
19.5	1145.87	19.5	698.18
17	1390.74	17	890
15	1586.64	15	1043.45
13	1684.36	13	1177.73
11	1782.08	11	1312.01
9	1812.27	9	1419.22
7	1774.92	7	1499.37
5	1737.58	5	1579.51
3	1649.44	3	1554.59
1	1561.29	1	1529.68
0	1517.22	0	1517.22
-1	1561.29	-1	1532.24
-3	1649.44	-3	1562.28
-5	1737.58	-5	1592.32
-7	1774.92	-7	1497.22
-9	1812.27	-9	1402.13
-11	1782.08	-11	1274.86
-13	1684.36	-13	1115.41
-15	1586.64	-15	955.97
-17	1390.74	-17	796.91
-19.5	1145.87	-19.5	598.09
-22.5	855.32	-22.5	402.05
-25.5	581.19	-25.5	229.87
-29	353.43	-29	118.59
-33	190.82	-33	55.38
-37.5	91.53	-37.5	23.5
-42.5	43.11	-42.5	8.92
-47.5	22.72	-47.5	3.25
-55	10.42	-55	.53
-65	2.09	-65	.45
-75	.68	-75	.25
-85	.5	-85	.33
-90	.35	-90	.34

AXIAL CANDELA DISPLAY



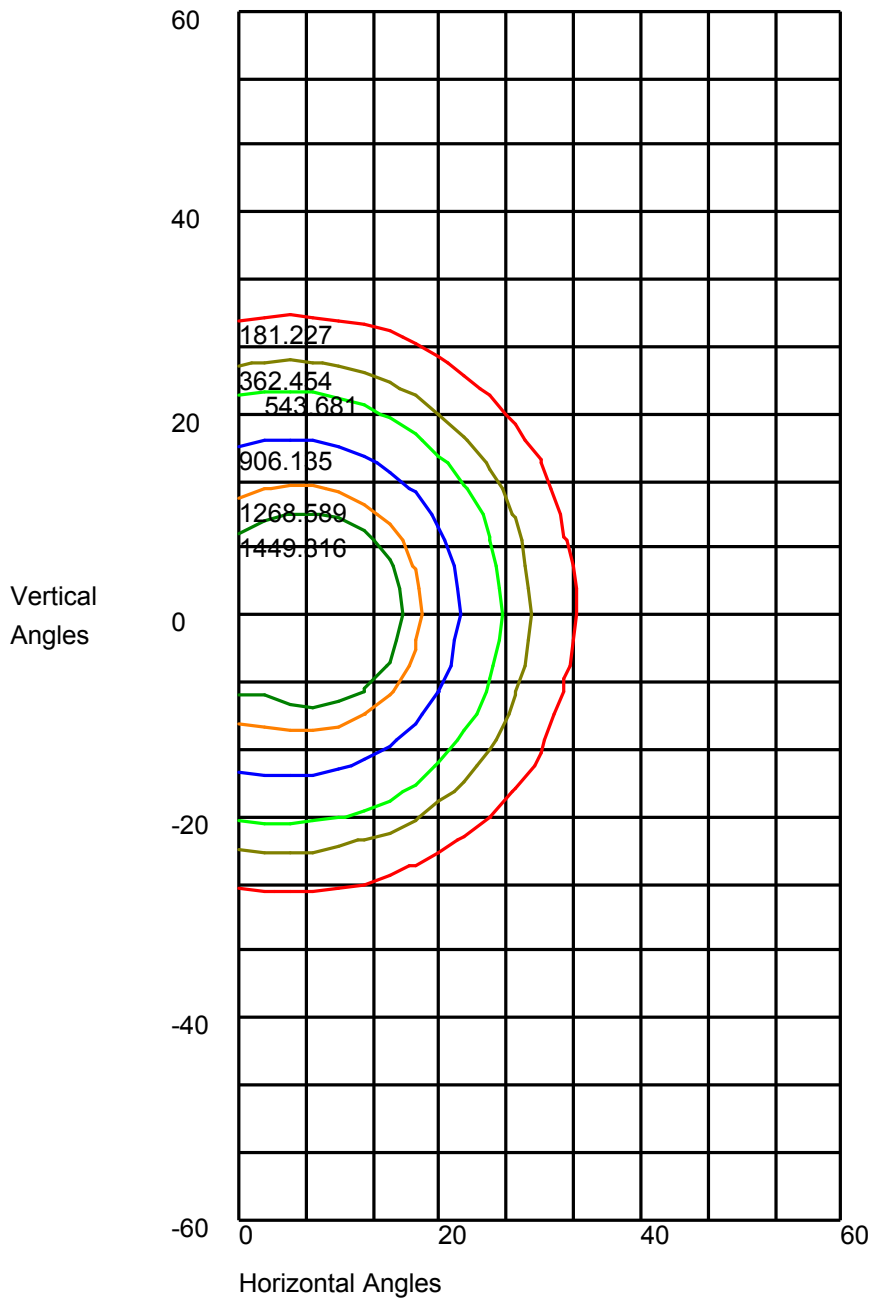
Maximum Candela = 1812.27 Located At Horizontal Angle =-9, Vertical Angle = 0  
Horizontal Axial Candela

## AXIAL CANDELA DISPLAY



Maximum Candela = 1812.27    Located At Horizontal Angle =-9, Vertical Angle = 0  
Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 1812.27 Located At Horizontal Angle = -9, Vertical Angle = 0  
50% Maximum Candela = 906.135  
10% Maximum Candela = 181.227