

# UNIQUE

## LIGHTING SYSTEMS®

### IES FLOOD REPORT

PHOTOMETRIC FILENAME : PROS-12-L530.IES

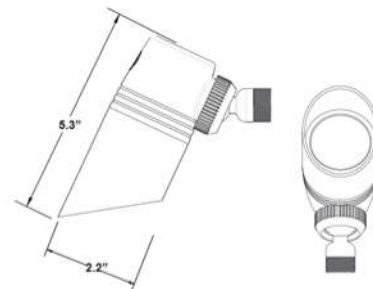
### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] 3234  
[TESTLAB] Labsphere  
[ISSUEDATE] 4/16/2019 12:54:13 PM  
[MANUFAC] TORO  
[LUMINAIRE] PROS-12-L530  
[LAMP] LED-5W-CM6FL30K  
[ \_AMBIENT] 22.0 deg C  
[ \_POWERFACTOR] 0.9176  
[ \_ATHD] 0.00%  
[ \_CURRENT] 0.43  
[ \_VOLTAGE] 12.00  
[ \_Lumens] 489.52  
[ \_END VOLTS] 12.01  
[ \_END CURRENT] 0.41  
[ \_END POWER] 4.53

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

### CHARACTERISTICS

NEMA Type	4 H x 4 V
Maximum Candela	1201.46
Maximum Candela Angle	-5H 1V
Horizontal Beam Angle (50%)	39.0
Vertical Beam Angle (50%)	33.1
Horizontal Field Angle (10%)	61.8
Vertical Field Angle (10%)	55.2
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	288
Beam Efficiency	N.A.
Field Lumens	441
Field Efficiency	N.A.
Spill Lumens	50
Luminaire Lumens	491
Total Efficiency	N.A.
Total Luminaire Watts	4.72
Ballast Factor	1.00

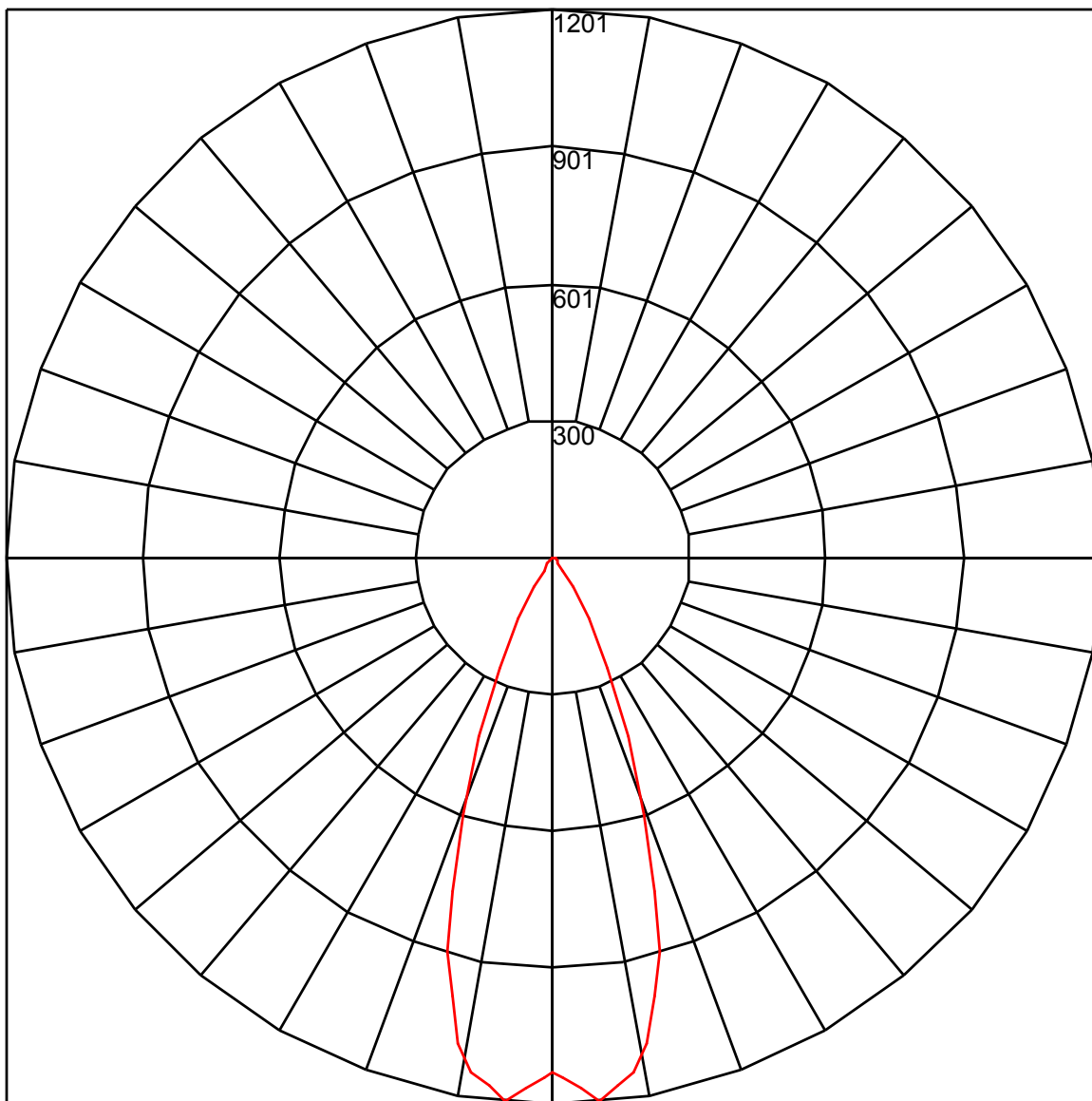


**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : PROS-12-L530.IES**

**AXIAL CANDELA**

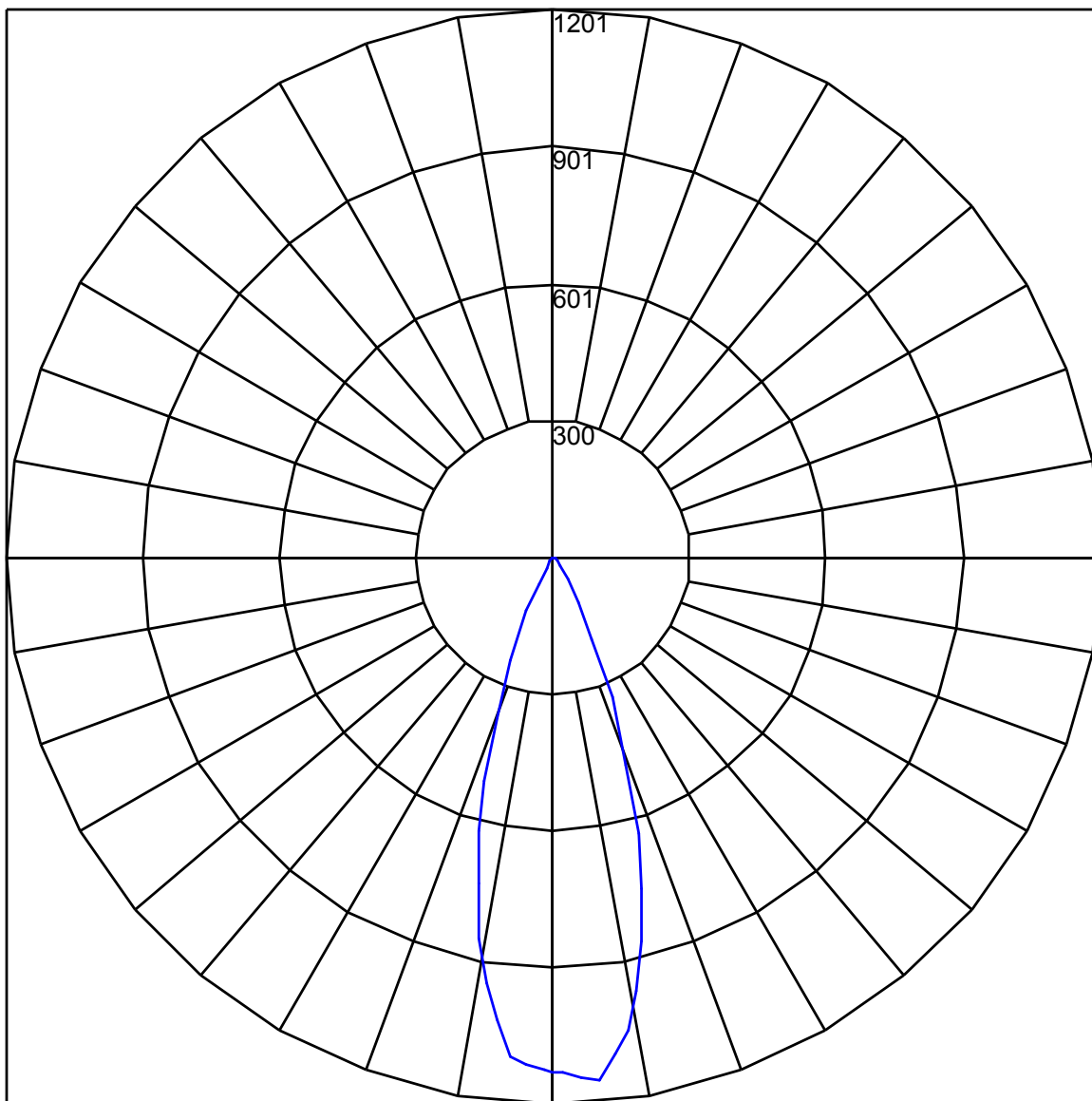
DEG.	HOR.	DEG.	VERT.
90	.26	90	.31
85	.32	85	.23
75	2.33	75	.36
65	2.05	65	.5
55	5.66	55	2.72
47.5	10.64	47.5	6.81
42.5	17.37	42.5	11.87
37.5	36	37.5	24.86
33	79.59	33	55.72
29	157.01	29	113.17
25.5	272	25.5	203.08
22.5	428.06	22.5	334.86
19.5	600.61	19.5	484.03
17	765.19	17	635.16
15	896.85	15	756.07
13	991.65	13	863.27
11	1086.46	11	970.48
9	1146.76	9	1050.25
7	1172.55	7	1102.58
5	1198.34	5	1154.91
3	1171	3	1144.94
1	1143.66	1	1134.97
0	1129.99	0	1129.99
-1	1143.66	-1	1124.68
-3	1171	-3	1114.06
-5	1198.34	-5	1103.44
-7	1172.55	-7	1025.8
-9	1146.76	-9	948.17
-11	1086.46	-11	852.45
-13	991.65	-13	738.65
-15	896.85	-15	624.85
-17	765.19	-17	512.99
-19.5	600.61	-19.5	373.17
-22.5	428.06	-22.5	243.82
-25.5	272	-25.5	132.85
-29	157.01	-29	65.78
-33	79.59	-33	28.2
-37.5	36	-37.5	10.85
-42.5	17.37	-42.5	4.36
-47.5	10.64	-47.5	1.84
-55	5.66	-55	.4
-65	2.05	-65	.34
-75	2.33	-75	.3
-85	.32	-85	.27
-90	.26	-90	.27

AXIAL CANDELA DISPLAY



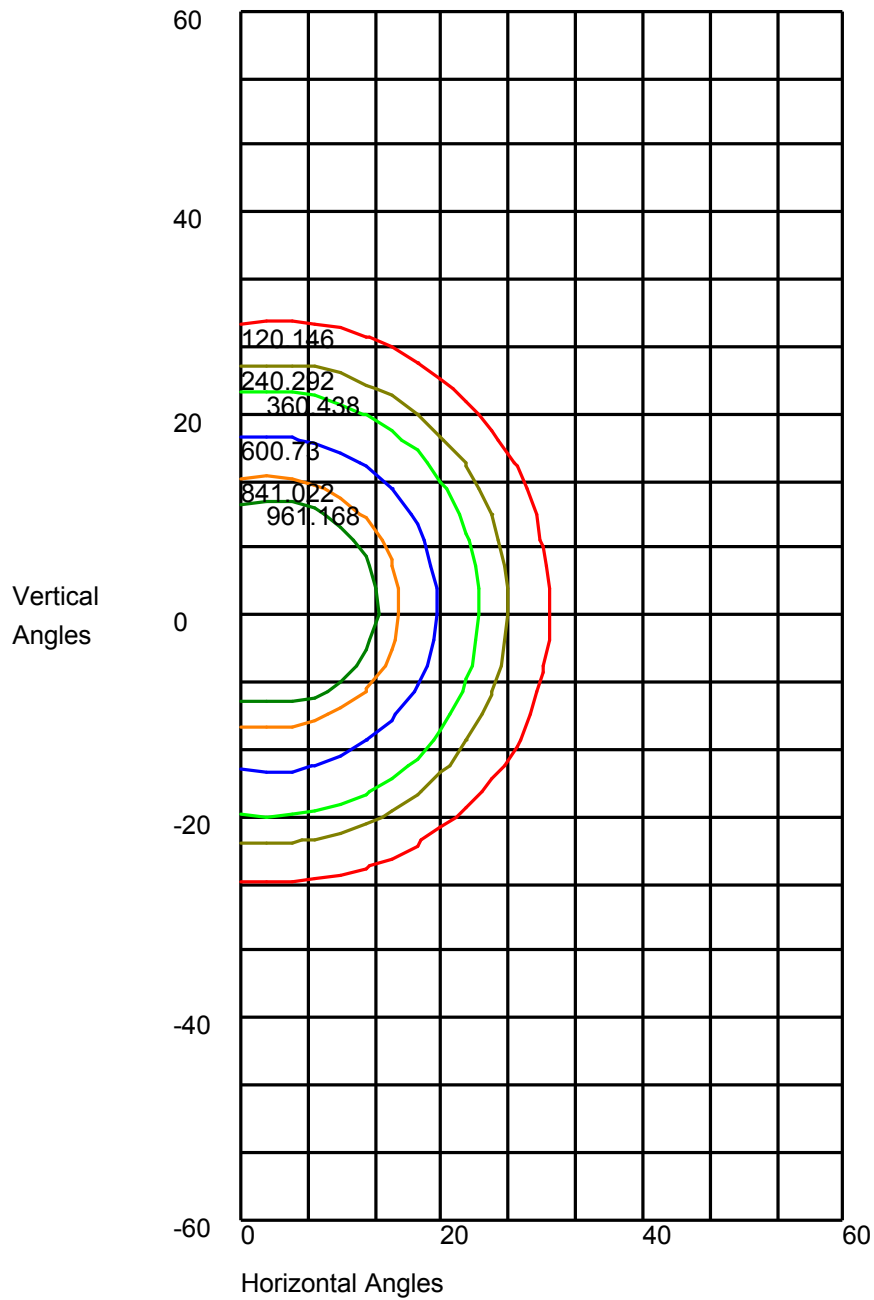
Maximum Candela = 1201.46 Located At Horizontal Angle =-5, Vertical Angle = 1  
Horizontal Axial Candela

AXIAL CANDELA DISPLAY



Maximum Candela = 1201.46 Located At Horizontal Angle = -5, Vertical Angle = 1  
Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 1201.46 Located At Horizontal Angle = -5, Vertical Angle = 1  
50% Maximum Candela = 600.73  
10% Maximum Candela = 120.146