

UNIQUE

LIGHTING SYSTEMS®

IES FLOOD REPORT

PHOTOMETRIC FILENAME : STEL-12-L27.IES

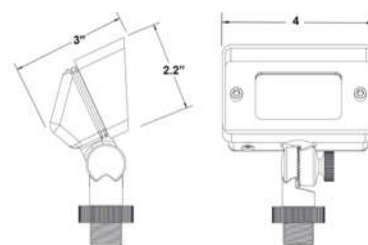
DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 3577
[TESTLAB] Labsphere
[ISSUEDATE] 7/23/2020 2:51:38 PM
[MANUFAC] TORO
[LUMINAIRE] STEL-12-L27
[LAMP] LED-1W-T327K
[_AMBIENT] 20.6 deg C
[_POWERFACTOR] 0.5917
[_ATHD] 0.00%
[_CURRENT] 0.14
[_VOLTAGE] 11.95
[_Lumens] 23.65
[_END VOLTS] 11.96
[_END CURRENT] 0.13
[_END POWER] 0.93

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

CHARACTERISTICS

NEMA Type	5 H x 6 V
Maximum Candela	18.79
Maximum Candela Angle	0H -15V
Horizontal Beam Angle (50%)	58.1
Vertical Beam Angle (50%)	75.1
Horizontal Field Angle (10%)	89.8
Vertical Field Angle (10%)	125.6
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	15
Beam Efficiency	N.A.
Field Lumens	23
Field Efficiency	N.A.
Spill Lumens	1
Luminaire Lumens	24
Total Efficiency	N.A.
Total Luminaire Watts	0.96
Ballast Factor	1.00

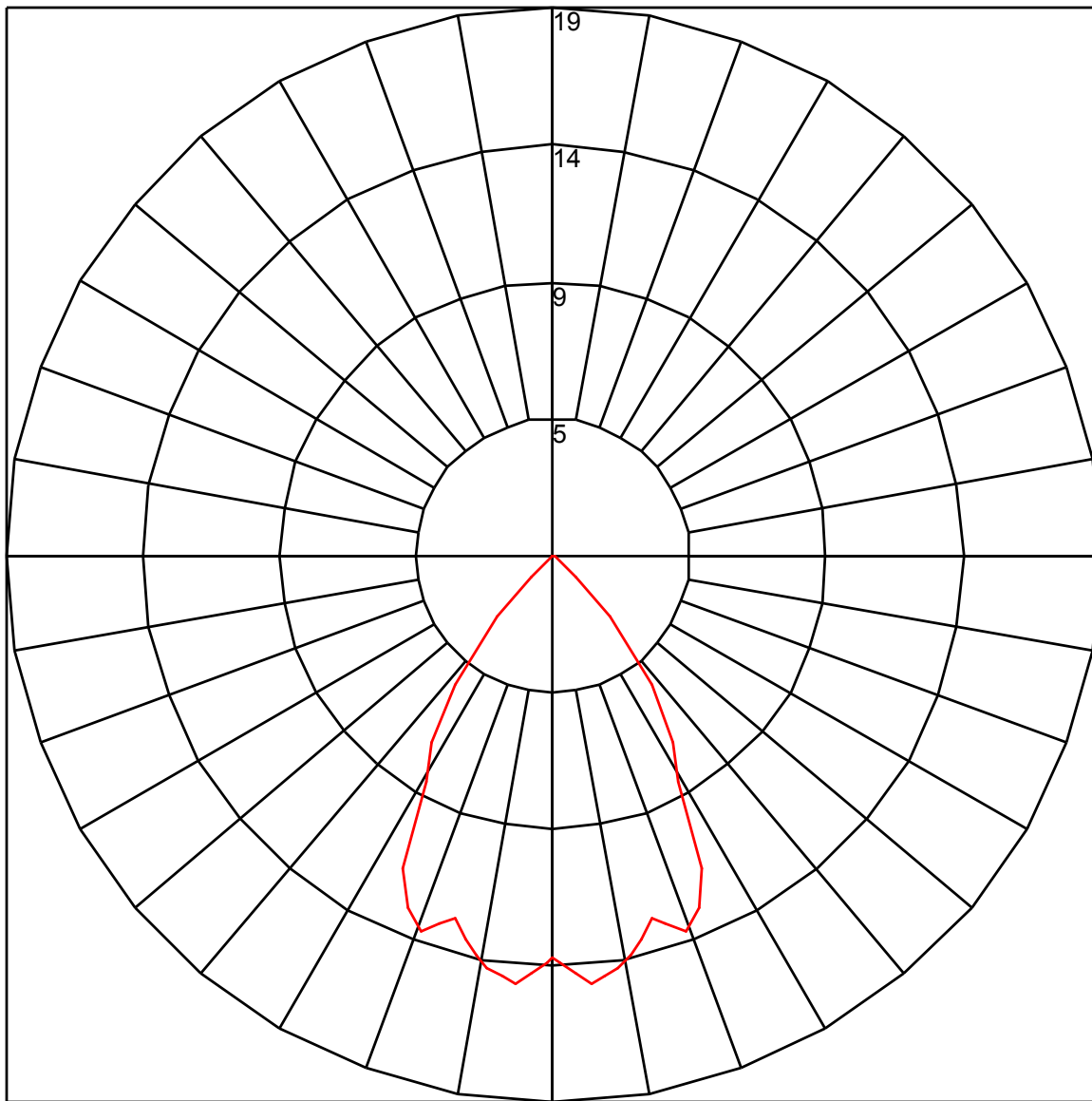


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AXIAL CANDELA

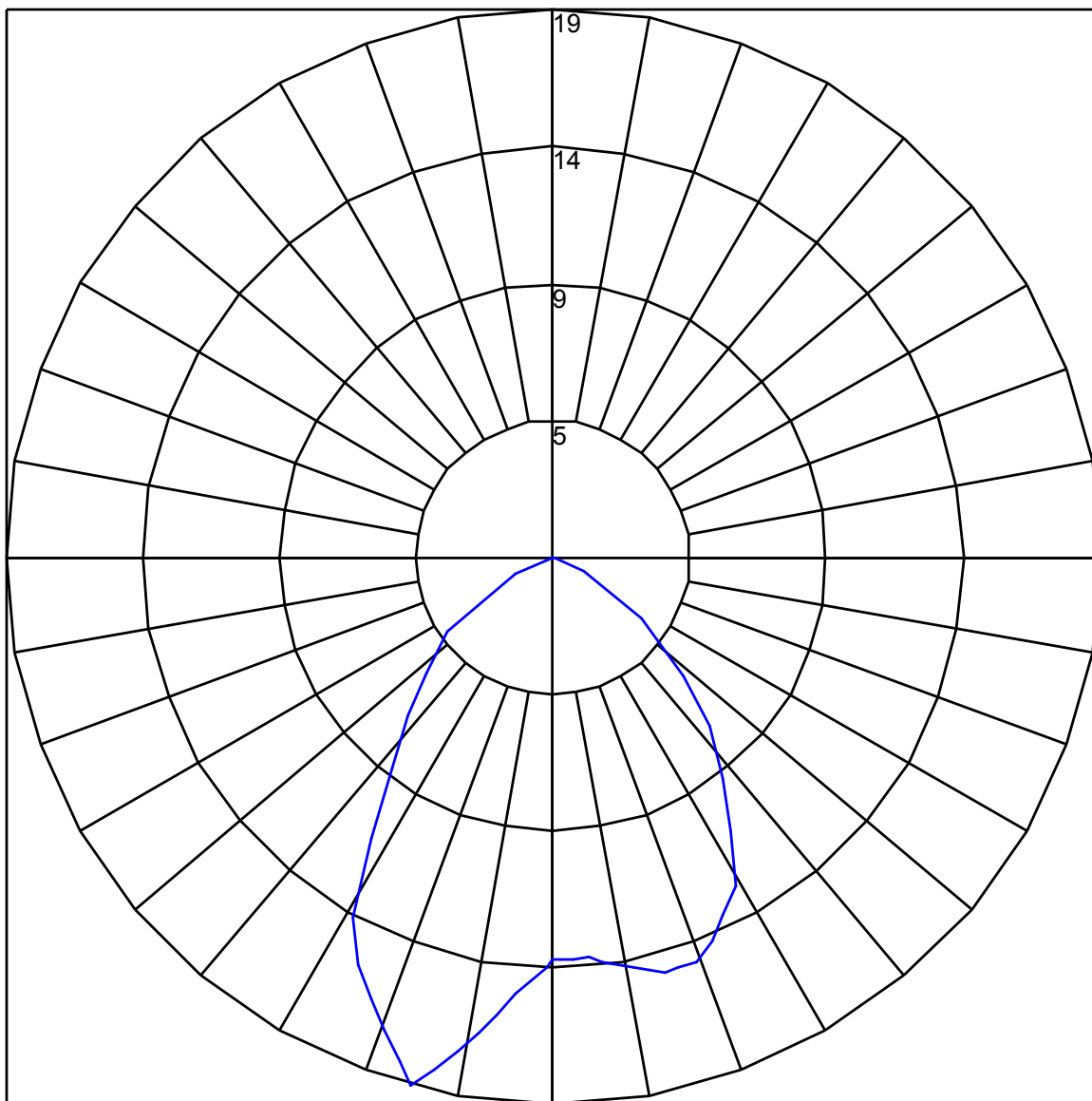
DEG.	HOR.	DEG.	VERT.
90	.01	90	0
85	.01	85	0
75	.01	75	.08
65	.01	65	1.12
55	.06	55	3.71
47.5	1.08	47.5	6.02
42.5	2.85	42.5	7.9
37.5	5.58	37.5	9.63
33	7.64	33	11.17
29	8.91	29	12.9
25.5	11.96	25.5	13.65
22.5	13.08	22.5	14.25
19.5	13.67	19.5	14.73
17	13.28	17	14.74
15	12.96	15	14.75
13	13.5	13	14.55
11	14.04	11	14.35
9	14.4	9	14.17
7	14.57	7	14
5	14.75	5	13.83
3	14.38	3	13.83
1	14.01	1	13.82
0	13.82	0	13.82
-1	14.01	-1	14.08
-3	14.38	-3	14.59
-5	14.75	-5	15.1
-7	14.57	-7	15.84
-9	14.4	-9	16.57
-11	14.04	-11	17.31
-13	13.5	-13	18.05
-15	12.96	-15	18.79
-17	13.28	-17	18.11
-19.5	13.67	-19.5	17.27
-22.5	13.08	-22.5	16.39
-25.5	11.96	-25.5	15.49
-29	8.91	-29	14.17
-33	7.64	-33	11.5
-37.5	5.58	-37.5	9.1
-42.5	2.85	-42.5	7.33
-47.5	1.08	-47.5	5.9
-55	.06	-55	4.41
-65	.01	-65	1.44
-75	.01	-75	.05
-85	.01	-85	0
-90	.01	-90	0

AXIAL CANDELA DISPLAY



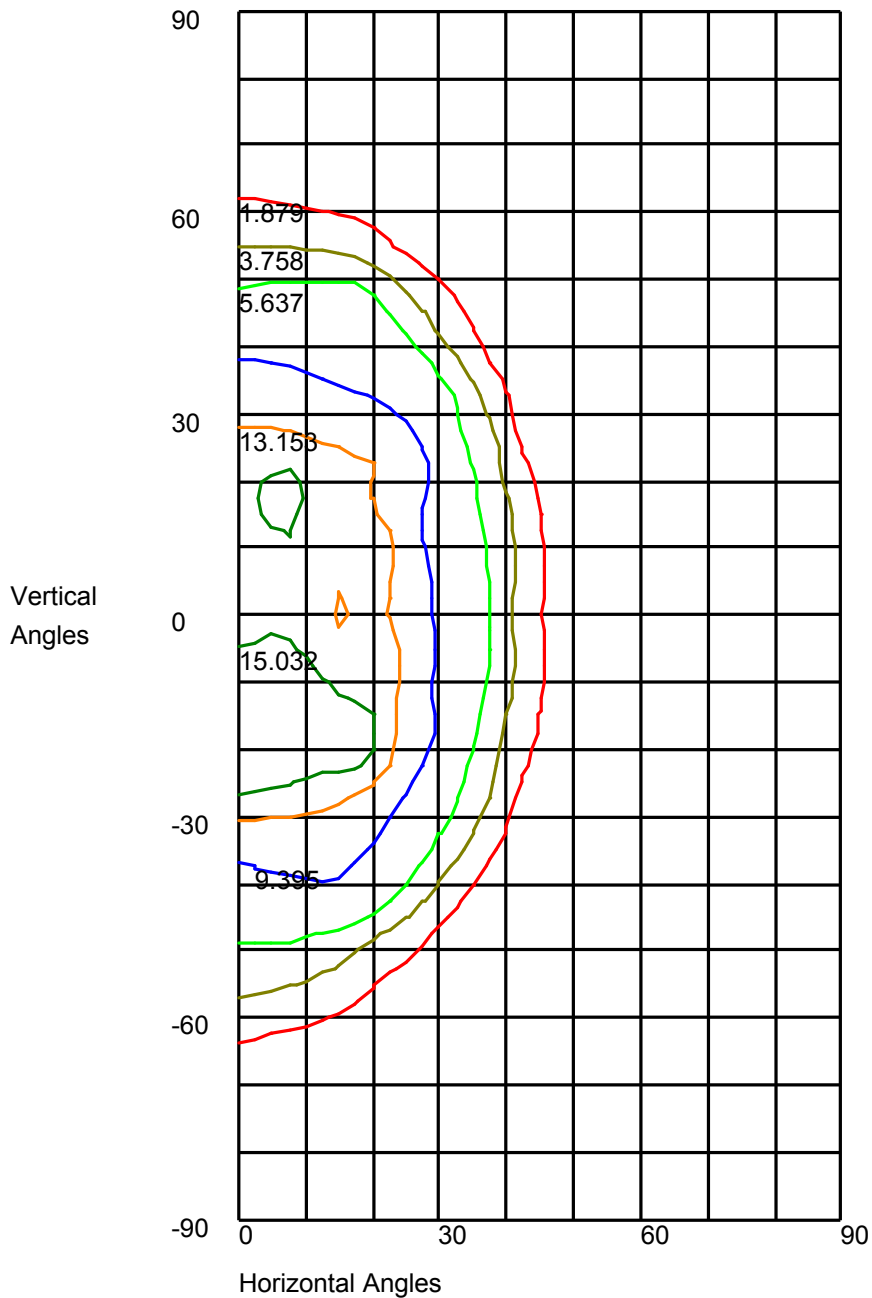
Maximum Candela = 18.79 Located At Horizontal Angle = 0, Vertical Angle = -15
Horizontal Axial Candela

AXIAL CANDELA DISPLAY



Maximum Candela = 18.79 Located At Horizontal Angle = 0, Vertical Angle = -15
Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 18.79 Located At Horizontal Angle = 0, Vertical Angle = -15
50% Maximum Candela = 9.395
10% Maximum Candela = 1.879