

# UNIQUE

## LIGHTING SYSTEMS®

### IES FLOOD REPORT

PHOTOMETRIC FILENAME : STAR-12-L327.IES

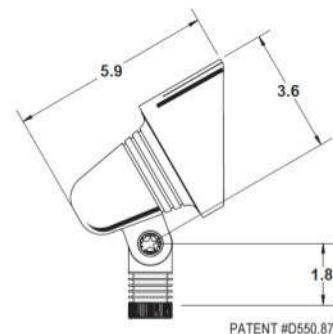
### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] 3451  
[TESTLAB] Labsphere  
[ISSUEDATE] 1/15/2020 2:43:42 PM  
[MANUFAC] TORO  
[LUMINAIRE] STAR-12-L327  
[LAMP] LED-3W-CM6FL-27K  
[ \_AMBIENT] 21.6 deg C  
[ \_POWERFACTOR] 0.5655  
[ \_ATHD] 0.00%  
[ \_CURRENT] 0.36  
[ \_VOLTAGE] 11.96  
[ \_Lumens] 200  
[ \_END VOLTS] 12.06  
[ \_END CURRENT] 0.35  
[ \_END POWER] 2.39

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

### CHARACTERISTICS

NEMA Type	4 H x 6 V
Maximum Candela	149.08
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	36.8
Vertical Beam Angle (50%)	49.2
Horizontal Field Angle (10%)	68.5
Vertical Field Angle (10%)	105.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	43
Beam Efficiency	N.A.
Field Lumens	88
Field Efficiency	N.A.
Spill Lumens	7
Luminaire Lumens	95
Total Efficiency	N.A.
Total Luminaire Watts	2.45
Ballast Factor	1.00

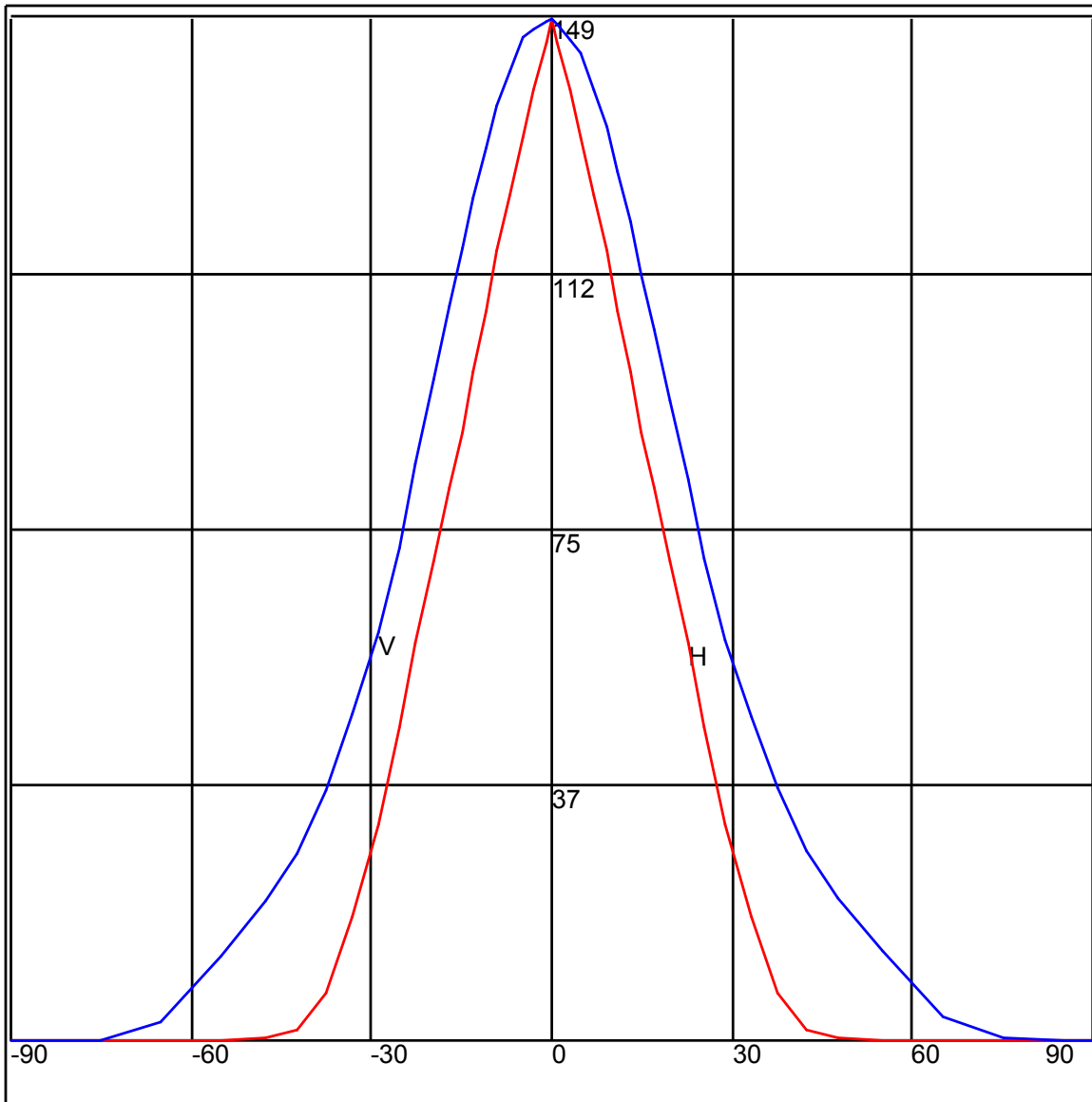


**IES FLOOD REPORT**  
**PHOTOMETRIC FILENAME : STAR-12-L327.IES**

**AXIAL CANDELA**

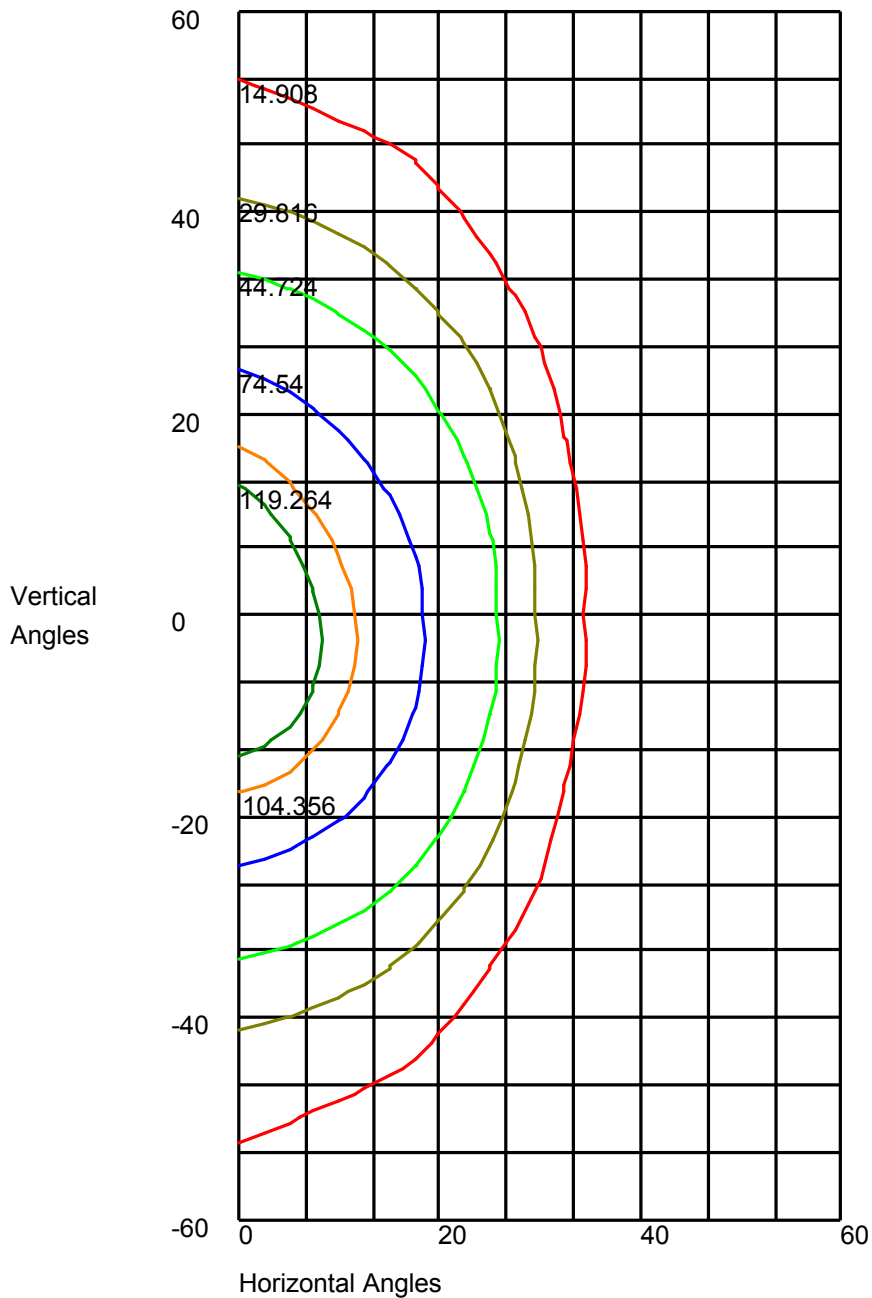
DEG.	HOR.	DEG.	VERT.
90	.03	90	.04
85	.03	85	.04
75	.02	75	.1
65	.03	65	3.28
55	.03	55	12.91
47.5	.22	47.5	20.76
42.5	1.34	42.5	27.59
37.5	6.99	37.5	36.58
33	17.92	33	47.02
29	31.33	29	58.36
25.5	45.56	25.5	70.09
22.5	57.69	22.5	81.55
19.5	69.88	19.5	93.38
17	80.35	17	103.61
15	88.73	15	111.8
13	97.58	13	119.25
11	106.43	11	126.7
9	115.02	9	133.12
7	123.33	7	138.51
5	131.65	5	143.89
3	138.62	3	145.97
1	145.59	1	148.04
0	149.08	0	149.08
-1	145.59	-1	148.47
-3	138.62	-3	147.26
-5	131.65	-5	146.04
-7	123.33	-7	141.17
-9	115.02	-9	136.3
-11	106.43	-11	130.22
-13	97.58	-13	122.91
-15	88.73	-15	115.61
-17	80.35	-17	107.1
-19.5	69.88	-19.5	96.47
-22.5	57.69	-22.5	83.99
-25.5	45.56	-25.5	71.84
-29	31.33	-29	59.34
-33	17.92	-33	47.38
-37.5	6.99	-37.5	36.47
-42.5	1.34	-42.5	27.21
-47.5	.22	-47.5	20.21
-55	.03	-55	12.12
-65	.03	-65	2.51
-75	.02	-75	.08
-85	.03	-85	.03
-90	.03	-90	.02

AXIAL CANDELA DISPLAY



Maximum Candela = 149.08 Located At Horizontal Angle = 0, Vertical Angle = 0  
H - Horizontal Axial Candela  
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 149.08 Located At Horizontal Angle = 0, Vertical Angle = 0  
50% Maximum Candela = 74.54  
10% Maximum Candela = 14.908