

UNIQUE

LIGHTING SYSTEMS®

IES FLOOD REPORT

PHOTOMETRIC FILENAME : STAR-12-L527.IES

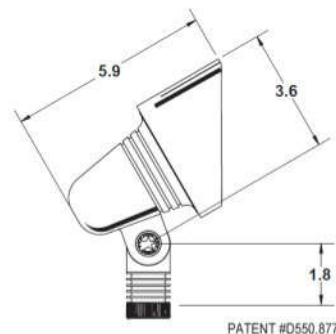
DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 3452
[TESTLAB] Labsphere
[ISSUEDATE] 1/16/2020 6:47:32 AM
[MANUFAC] TORO
[LUMINAIRE] STAR-12-L527
[LAMP] LED-5W-CM6FL-27K
[_AMBIENT] 22.3 deg C
[_POWERFACTOR] 0.9179
[_ATHD] 0.00%
[_CURRENT] 0.44
[_VOLTAGE] 11.99
[_Lumens] 390
[_END VOLTS] 12.00
[_END CURRENT] 0.41
[_END POWER] 4.56

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

CHARACTERISTICS

| | |
|------------------------------|-----------------|
| NEMA Type | 4 H x 6 V |
| Maximum Candela | 347.96 |
| Maximum Candela Angle | 0H 5V |
| Horizontal Beam Angle (50%) | 38.2 |
| Vertical Beam Angle (50%) | 49.8 |
| Horizontal Field Angle (10%) | 68.4 |
| Vertical Field Angle (10%) | 103.5 |
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Beam Lumens | 103 |
| Beam Efficiency | N.A. |
| Field Lumens | 204 |
| Field Efficiency | N.A. |
| Spill Lumens | 17 |
| Luminaire Lumens | 221 |
| Total Efficiency | N.A. |
| Total Luminaire Watts | 4.81 |
| Ballast Factor | 1.00 |

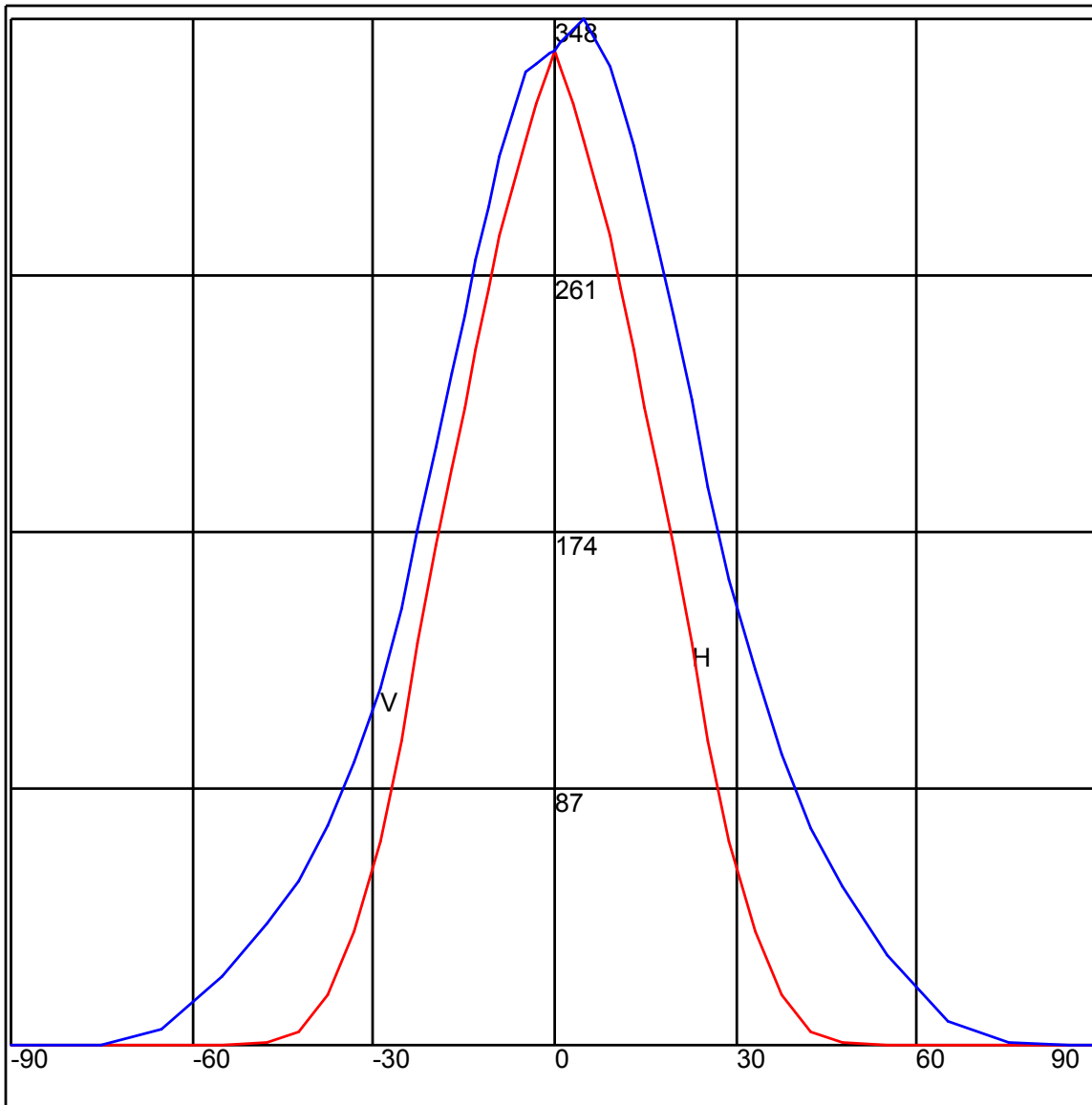


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AXIAL CANDELA

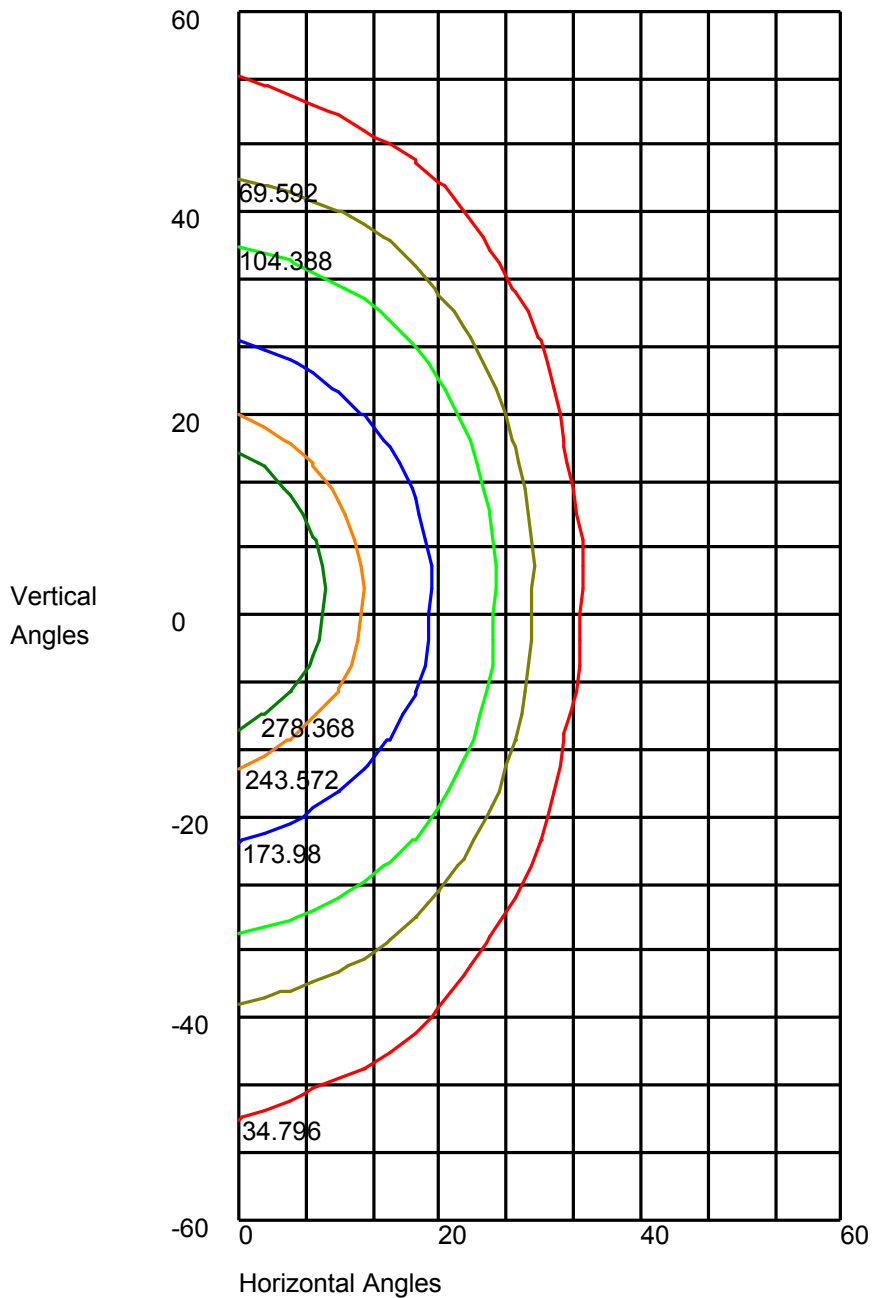
| DEG. | HOR. | DEG. | VERT. |
|-------|--------|-------|--------|
| 90 | .05 | 90 | .06 |
| 85 | .04 | 85 | .06 |
| 75 | .06 | 75 | .39 |
| 65 | .08 | 65 | 7.69 |
| 55 | .07 | 55 | 29.85 |
| 47.5 | .73 | 47.5 | 53.27 |
| 42.5 | 4.63 | 42.5 | 72.84 |
| 37.5 | 16.44 | 37.5 | 97.95 |
| 33 | 38.69 | 33 | 126.88 |
| 29 | 68.97 | 29 | 157.9 |
| 25.5 | 103.05 | 25.5 | 189.11 |
| 22.5 | 135.79 | 22.5 | 218.05 |
| 19.5 | 168.89 | 19.5 | 247.21 |
| 17 | 195.02 | 17 | 270.65 |
| 15 | 215.93 | 15 | 289.4 |
| 13 | 235.83 | 13 | 304.4 |
| 11 | 255.74 | 11 | 319.4 |
| 9 | 273.83 | 9 | 331.11 |
| 7 | 290.12 | 7 | 339.54 |
| 5 | 306.4 | 5 | 347.96 |
| 3 | 318.72 | 3 | 343.66 |
| 1 | 331.04 | 1 | 339.35 |
| 0 | 337.2 | 0 | 337.2 |
| -1 | 331.04 | -1 | 335.71 |
| -3 | 318.72 | -3 | 332.72 |
| -5 | 306.4 | -5 | 329.73 |
| -7 | 290.12 | -7 | 315.27 |
| -9 | 273.83 | -9 | 300.82 |
| -11 | 255.74 | -11 | 284.28 |
| -13 | 235.83 | -13 | 265.66 |
| -15 | 215.93 | -15 | 247.04 |
| -17 | 195.02 | -17 | 227.24 |
| -19.5 | 168.89 | -19.5 | 202.48 |
| -22.5 | 135.79 | -22.5 | 174.53 |
| -25.5 | 103.05 | -25.5 | 147.7 |
| -29 | 68.97 | -29 | 120.91 |
| -33 | 38.69 | -33 | 95.96 |
| -37.5 | 16.44 | -37.5 | 73.73 |
| -42.5 | 4.63 | -42.5 | 55.05 |
| -47.5 | .73 | -47.5 | 40.76 |
| -55 | .07 | -55 | 23.5 |
| -65 | .08 | -65 | 5.54 |
| -75 | .06 | -75 | .21 |
| -85 | .04 | -85 | .07 |
| -90 | .05 | -90 | .07 |

AXIAL CANDELA DISPLAY



Maximum Candela = 347.96 Located At Horizontal Angle = 0, Vertical Angle = 5
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 347.96 Located At Horizontal Angle = 0, Vertical Angle = 5
50% Maximum Candela = 173.98
10% Maximum Candela = 34.796