

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : TRI-I-18-26CF-F05.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-1995  
[TEST] Photopia 2015.0.1  
[TESTLAB] TMS LIGHTING INC.  
[TESTDATE] Jan. 19, 2017  
[ISSUE DATE] Jan. 19, 2017  
[MANUFAC] TMS LIGHTING INC.  
[LUMINAIRE] TRISHA PENDANT  
[MORE] 18" DIAMETER RLM REFLECTOR  
[MORE] WHITE POLYESTER POWDER COAT  
[LUMCAT] TRI-I-18-26CF-F05  
[LAMP] Fluor. 26W PL-T triple tube  
[LAMP CAT] PL-T 26W/840/4P

**CHARACTERISTICS**

|                                 |                    |
|---------------------------------|--------------------|
| Lumens Per Lamp                 | 1800 (1 lamp)      |
| Total Lamp Lumens               | 1800               |
| Luminaire Lumens                | 1170               |
| Total Luminaire Efficiency      | 65 %               |
| Luminaire Efficacy Rating (LER) | 40                 |
| Total Luminaire Watts           | 29                 |
| Ballast Factor                  | 1.00               |
| CIE Type                        | Direct             |
| Spacing Criteria (0-180)        | 1.10               |
| Spacing Criteria (90-270)       | 1.10               |
| Spacing Criteria (Diagonal)     | 1.16               |
| Basic Luminous Shape            | Circular           |
| Luminous Length (0-180)         | 0.00 ft            |
| Luminous Width (90-270)         | 1.46 ft (Diameter) |
| Luminous Height                 | 0.00 ft            |

**LUMINANCE DATA (cd/sq.m)**

| Angle In<br>Degrees | Average<br>0-Deg | Average<br>45-Deg | Average<br>90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45                  | 2247             | 2259              | 2295              |
| 55                  | 1507             | 1501              | 1454              |
| 65                  | 1196             | 1185              | 1212              |
| 75                  | 943              | 976               | 891               |
| 85                  | 462              | 524               | 593               |

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**ZONAL LUMEN SUMMARY**

| Zone   | Lumens  | %Lamp | %Fixt  |
|--------|---------|-------|--------|
| 0-30   | 464.90  | 25.80 | 39.70  |
| 0-40   | 724.78  | 40.30 | 61.90  |
| 0-60   | 1040.71 | 57.80 | 88.90  |
| 0-90   | 1170.34 | 65.00 | 100.00 |
| 90-120 | 0.00    | 0.00  | 0.00   |
| 90-130 | 0.00    | 0.00  | 0.00   |
| 90-150 | 0.00    | 0.00  | 0.00   |
| 90-180 | 0.00    | 0.00  | 0.00   |
| 0-180  | 1170.34 | 65.00 | 100.00 |

Total Luminaire Efficiency = 65.00%

**ZONAL LUMEN SUMMARY**

| Zone    | Lumens |
|---------|--------|
| 0-10    | 60.62  |
| 10-20   | 166.55 |
| 20-30   | 237.72 |
| 30-40   | 259.88 |
| 40-50   | 195.24 |
| 50-60   | 120.69 |
| 60-70   | 78.26  |
| 70-80   | 41.41  |
| 80-90   | 9.96   |
| 90-100  | 0.00   |
| 100-110 | 0.00   |
| 110-120 | 0.00   |
| 120-130 | 0.00   |
| 130-140 | 0.00   |
| 140-150 | 0.00   |
| 150-160 | 0.00   |
| 160-170 | 0.00   |
| 170-180 | 0.00   |

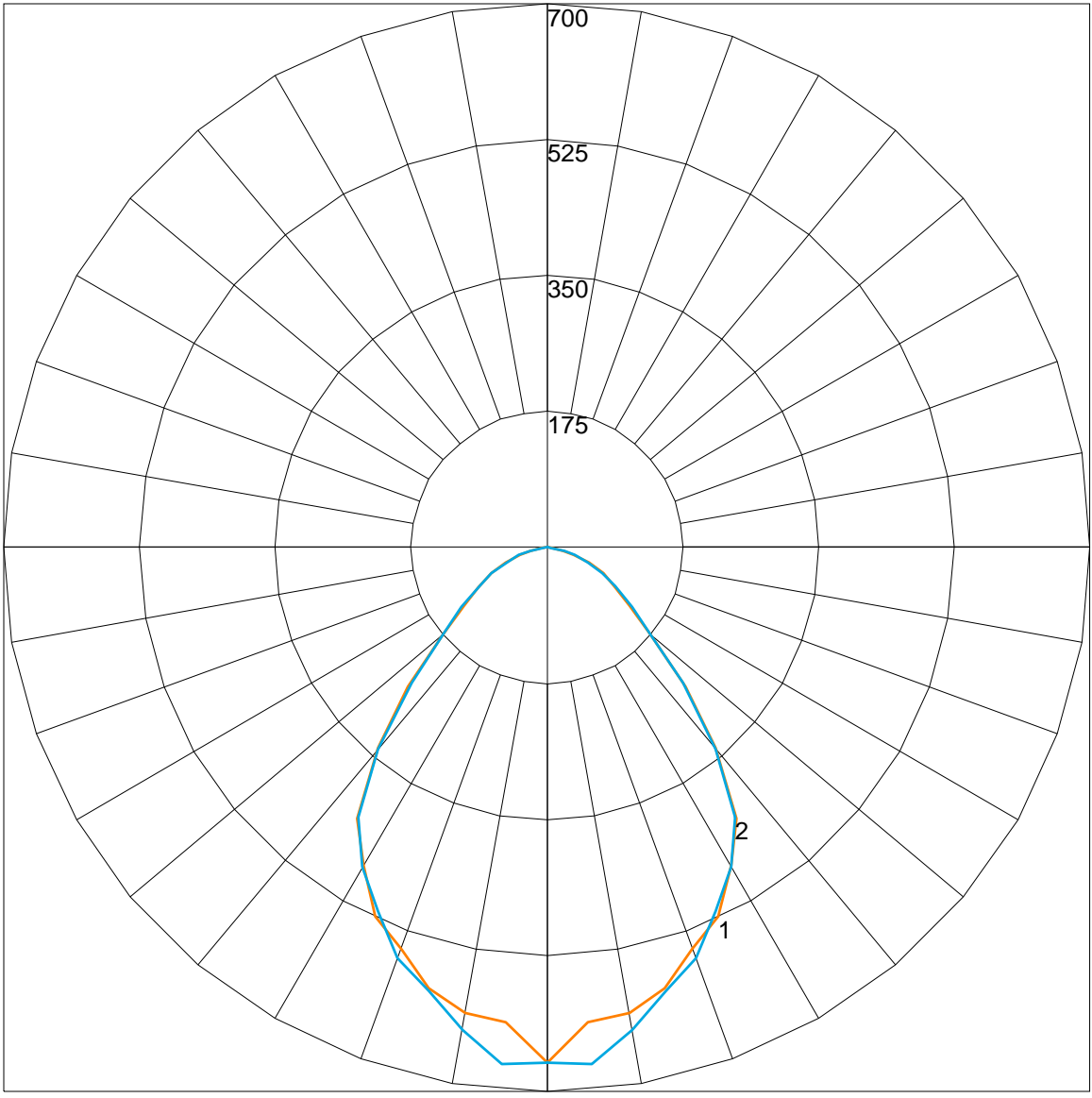
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**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

Effective Floor Cavity Reflectance 0.20

| RC | 80 |    |    |    | 70 |    |    |    | 50 |    |    | 30 |    |    | 10 |    |    | 0  |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| 0  | 77 | 77 | 77 | 77 | 76 | 76 | 76 | 76 | 72 | 72 | 72 | 69 | 69 | 69 | 66 | 66 | 66 | 65 |
| 1  | 72 | 69 | 67 | 65 | 70 | 68 | 66 | 64 | 65 | 64 | 62 | 63 | 61 | 60 | 60 | 59 | 58 | 57 |
| 2  | 67 | 62 | 58 | 55 | 65 | 61 | 58 | 55 | 59 | 56 | 53 | 57 | 54 | 52 | 55 | 53 | 51 | 50 |
| 3  | 62 | 56 | 51 | 48 | 60 | 55 | 51 | 47 | 53 | 49 | 46 | 51 | 48 | 46 | 50 | 47 | 45 | 44 |
| 4  | 57 | 50 | 46 | 42 | 56 | 50 | 45 | 41 | 48 | 44 | 41 | 47 | 43 | 40 | 45 | 42 | 40 | 39 |
| 5  | 53 | 46 | 41 | 37 | 52 | 45 | 40 | 37 | 44 | 40 | 36 | 43 | 39 | 36 | 41 | 38 | 36 | 34 |
| 6  | 50 | 42 | 37 | 33 | 48 | 41 | 36 | 33 | 40 | 36 | 33 | 39 | 35 | 32 | 38 | 35 | 32 | 31 |
| 7  | 46 | 38 | 33 | 30 | 45 | 38 | 33 | 30 | 37 | 33 | 29 | 36 | 32 | 29 | 35 | 32 | 29 | 28 |
| 8  | 43 | 35 | 30 | 27 | 42 | 35 | 30 | 27 | 34 | 30 | 27 | 33 | 29 | 27 | 33 | 29 | 26 | 25 |
| 9  | 41 | 33 | 28 | 25 | 40 | 32 | 28 | 25 | 32 | 27 | 24 | 31 | 27 | 24 | 30 | 27 | 24 | 23 |
| 10 | 38 | 30 | 26 | 23 | 38 | 30 | 26 | 23 | 30 | 25 | 22 | 29 | 25 | 22 | 28 | 25 | 22 | 21 |

POLAR GRAPH



Maximum Candela = 666.82 Located At Horizontal Angle = 0, Vertical Angle = 5  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270)  
# 2 - Vertical Plane Through Horizontal Angles (0 - 180)