

IES INDOOR REPORT
PHOTOMETRIC FILENAME : TRI-I-20-32LED-F05.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] Photopia 2015.0.1
[TESTLAB] TMS LIGHTING INC.
[TESTDATE] Jan. 18, 2017
[ISSUE DATE] Jan. 18, 2017
[MANUFAC] TMS LIGHTING INC.
[LUMCAT] TRISH PENDANT
[MORE] 20" DIA. RLM REFLECTOR
[MORE] WHITE POLYESTER POWDER COAT ON INNER SURFACE
[LUMINAIRE] TRI-I-20-32LED-F05
[LAMP] 32W LED, CCT 4000K, OPTIC
[LAMPCAT] CREE XP-G2

CHARACTERISTICS

| | |
|---------------------------------|--------------------|
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 2842 |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 78 |
| Total Luminaire Watts | 36.4 |
| Ballast Factor | 1.00 |
| CIE Type | Direct |
| Spacing Criteria (0-180) | 0.44 |
| Spacing Criteria (90-270) | 0.44 |
| Spacing Criteria (Diagonal) | 0.50 |
| Basic Luminous Shape | Circular |
| Luminous Length (0-180) | 1.67 ft (Diameter) |
| Luminous Width (90-270) | 1.67 ft (Diameter) |
| Luminous Height | 0.00 ft |

LUMINANCE DATA (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45 | 861 | 854 | 836 |
| 55 | 936 | 903 | 884 |
| 65 | 1021 | 1001 | 1015 |
| 75 | 1134 | 1131 | 1113 |
| 85 | 1141 | 1070 | 1105 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : TRI-I-20-32LED-F05.IES

ZONAL LUMEN SUMMARY

| Zone | Lumens | %Lamp | %Fixt |
|--------|---------|-------|--------|
| 0-30 | 1982.52 | N.A. | 69.80 |
| 0-40 | 2438.57 | N.A. | 85.80 |
| 0-60 | 2669.96 | N.A. | 94.00 |
| 0-90 | 2841.21 | N.A. | 100.00 |
| 90-120 | 0.55 | N.A. | 0.00 |
| 90-130 | 0.55 | N.A. | 0.00 |
| 90-150 | 0.55 | N.A. | 0.00 |
| 90-180 | 0.55 | N.A. | 0.00 |
| 0-180 | 2841.76 | N.A. | 100.00 |

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|--------|
| 0-10 | 547.70 |
| 10-20 | 789.24 |
| 20-30 | 645.59 |
| 30-40 | 456.05 |
| 40-50 | 136.55 |
| 50-60 | 94.83 |
| 60-70 | 87.52 |
| 70-80 | 61.76 |
| 80-90 | 21.97 |
| 90-100 | 0.55 |
| 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 |

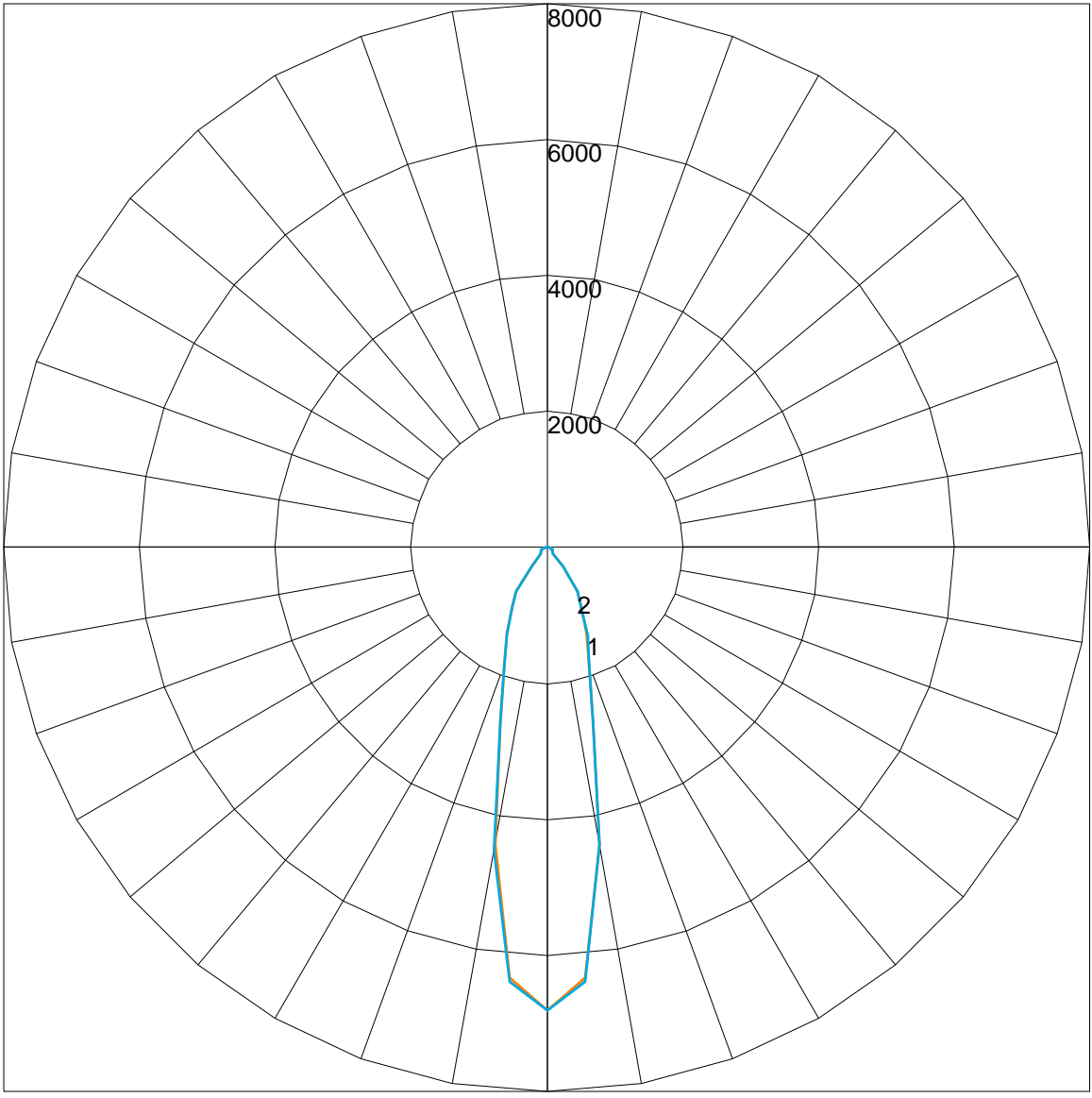
IES INDOOR REPORT
PHOTOMETRIC FILENAME : TRI-I-20-32LED-F05.IES

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 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1 | 113 | 110 | 107 | 105 | 110 | 108 | 105 | 103 | 103 | 102 | 100 | 100 | 98 | 97 | 96 | 95 | 94 | 92 |
| 2 | 107 | 102 | 97 | 94 | 105 | 100 | 96 | 93 | 97 | 93 | 91 | 94 | 91 | 89 | 91 | 89 | 87 | 85 |
| 3 | 101 | 95 | 90 | 85 | 99 | 93 | 89 | 85 | 91 | 87 | 83 | 88 | 85 | 82 | 86 | 83 | 81 | 79 |
| 4 | 96 | 89 | 83 | 79 | 95 | 88 | 82 | 78 | 85 | 81 | 77 | 83 | 80 | 76 | 82 | 78 | 75 | 74 |
| 5 | 92 | 83 | 78 | 73 | 90 | 83 | 77 | 73 | 81 | 76 | 72 | 79 | 75 | 72 | 77 | 74 | 71 | 69 |
| 6 | 88 | 79 | 73 | 69 | 86 | 78 | 72 | 68 | 77 | 72 | 68 | 75 | 71 | 67 | 74 | 70 | 67 | 65 |
| 7 | 84 | 75 | 69 | 65 | 83 | 74 | 68 | 64 | 73 | 68 | 64 | 72 | 67 | 64 | 70 | 66 | 63 | 62 |
| 8 | 80 | 71 | 65 | 61 | 79 | 70 | 65 | 61 | 69 | 64 | 61 | 68 | 64 | 60 | 67 | 63 | 60 | 59 |
| 9 | 77 | 68 | 62 | 58 | 76 | 67 | 62 | 58 | 66 | 61 | 58 | 65 | 61 | 58 | 64 | 60 | 57 | 56 |
| 10 | 74 | 65 | 59 | 55 | 73 | 64 | 59 | 55 | 63 | 58 | 55 | 63 | 58 | 55 | 62 | 58 | 55 | 53 |

POLAR GRAPH



Maximum Candela = 6801.23 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (90 - 270)
2 - Vertical Plane Through Horizontal Angles (0 - 180)