

IES INDOOR REPORT
PHOTOMETRIC FILENAME : DLE 4 HI 12 WB 827 .IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 01082019
[TESTLAB] Ningbo TengLi Testing Co., Ltd
[TESTDATE] 01 August 2019
[ISSUEDATE] 2019-08-01 09:04:48
[NEARFIELD]
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-R5000_V2 SYSTEM
[MANUFAC] LumenFocus, LLC
[LUMCAT] DLE 4 HI 12 WB 827
[OTHER]
[OTHER] Gamma(deg) Fz(lm) Ft(lm) %Lum %Lamp
[OTHER] 0- 10 35.09 35.09 4.25 4.25
[OTHER] 10- 20 99.62 134.71 16.30 16.30
[OTHER] 20- 30 147.75 282.46 34.18 34.18
[OTHER] 30- 40 170.58 453.05 54.82 54.82
[OTHER] 40- 50 160.28 613.33 74.21 74.21
[OTHER] 50- 60 120.76 734.08 88.82 88.82
[OTHER] 60- 70 65.09 799.17 96.70 96.70
[OTHER] 70- 80 21.66 820.84 99.32 99.32
[OTHER] 80- 90 5.61 826.44 100.00 100.00
[OTHER] 90-100 0.00 826.44 100.00 100.00
[OTHER] 100-110 0.00 826.44 100.00 100.00
[OTHER] 110-120 0.00 826.44 100.00 100.00
[OTHER] 120-130 0.00 826.44 100.00 100.00
[OTHER] 130-140 0.00 826.44 100.00 100.00
[OTHER] 140-150 0.00 826.44 100.00 100.00
[OTHER] 150-160 0.00 826.44 100.00 100.00
[OTHER] 160-170 0.00 826.44 100.00 100.00
[OTHER] 170-180 0.00 826.44 100.00 100.00
[OTHER]

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CHARACTERISTICS

| | |
|---------------------------------|-----------------|
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 826 |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 113 |
| Total Luminaire Watts | 7.3 |
| Ballast Factor | 1.00 |
| CIE Type | Direct |
| Spacing Criterion (0-180) | 1.20 |
| Spacing Criterion (90-270) | 1.20 |
| Spacing Criterion (Diagonal) | 1.30 |
| Basic Luminous Shape | Point |
| Luminous Length (0-180) | 0.00 m |
| Luminous Width (90-270) | 0.00 m |
| Luminous Height | 0.00 m |

LUMINANCE DATA (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45 | 0 | 0 | 0 |
| 55 | 0 | 0 | 0 |
| 65 | 0 | 0 | 0 |
| 75 | 0 | 0 | 0 |
| 85 | 0 | 0 | 0 |

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ZONAL LUMEN SUMMARY

| Zone | Lumens | %Lamp | %Fixt |
|---------|--------|-------|--------|
| 0-20 | 134.71 | N.A. | 16.30 |
| 0-30 | 282.46 | N.A. | 34.20 |
| 0-40 | 453.05 | N.A. | 54.80 |
| 0-60 | 734.08 | N.A. | 88.80 |
| 0-80 | 820.84 | N.A. | 99.30 |
| 0-90 | 826.44 | N.A. | 100.00 |
| 10-90 | 791.36 | N.A. | 95.80 |
| 20-40 | 318.34 | N.A. | 38.50 |
| 20-50 | 478.61 | N.A. | 57.90 |
| 40-70 | 346.12 | N.A. | 41.90 |
| 60-80 | 86.75 | N.A. | 10.50 |
| 70-80 | 21.66 | N.A. | 2.60 |
| 80-90 | 5.61 | N.A. | 0.70 |
| 90-110 | 0.00 | N.A. | 0.00 |
| 90-120 | 0.00 | N.A. | 0.00 |
| 90-130 | 0.00 | N.A. | 0.00 |
| 90-150 | 0.00 | N.A. | 0.00 |
| 90-180 | 0.00 | N.A. | 0.00 |
| 110-180 | 0.00 | N.A. | 0.00 |
| 0-180 | 826.44 | N.A. | 100.00 |

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|--------|
| 0-10 | 35.09 |
| 10-20 | 99.62 |
| 20-30 | 147.75 |
| 30-40 | 170.58 |
| 40-50 | 160.28 |
| 50-60 | 120.76 |
| 60-70 | 65.09 |
| 70-80 | 21.66 |
| 80-90 | 5.61 |
| 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 |

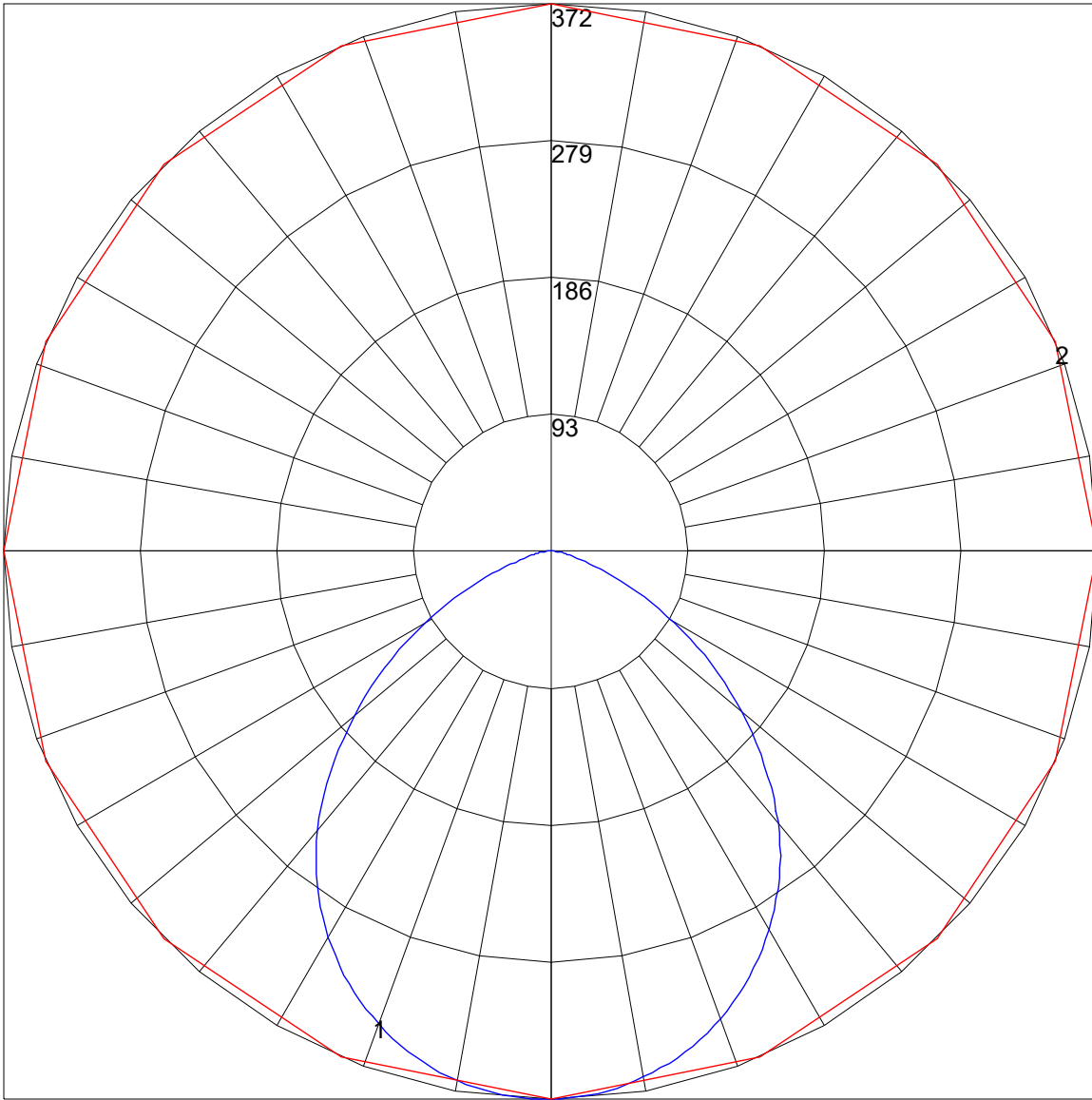
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1 | 111 | 107 | 103 | 100 | 108 | 104 | 101 | 98 | 100 | 97 | 95 | 96 | 94 | 92 | 93 | 91 | 89 | 87 |
| 2 | 102 | 95 | 89 | 84 | 99 | 93 | 87 | 83 | 89 | 85 | 81 | 86 | 82 | 79 | 83 | 80 | 77 | 75 |
| 3 | 94 | 84 | 77 | 71 | 91 | 83 | 76 | 71 | 80 | 74 | 70 | 77 | 72 | 68 | 75 | 71 | 67 | 65 |
| 4 | 87 | 76 | 68 | 62 | 84 | 74 | 67 | 61 | 72 | 66 | 60 | 70 | 64 | 60 | 68 | 63 | 59 | 57 |
| 5 | 80 | 68 | 60 | 54 | 78 | 67 | 59 | 54 | 65 | 58 | 53 | 63 | 57 | 52 | 61 | 56 | 52 | 50 |
| 6 | 74 | 62 | 54 | 48 | 72 | 61 | 53 | 47 | 59 | 52 | 47 | 58 | 51 | 47 | 56 | 51 | 46 | 44 |
| 7 | 69 | 56 | 48 | 42 | 67 | 56 | 48 | 42 | 54 | 47 | 42 | 53 | 46 | 42 | 51 | 46 | 41 | 40 |
| 8 | 64 | 52 | 44 | 38 | 63 | 51 | 43 | 38 | 50 | 43 | 38 | 48 | 42 | 38 | 47 | 42 | 37 | 36 |
| 9 | 60 | 48 | 40 | 35 | 59 | 47 | 40 | 34 | 46 | 39 | 34 | 45 | 39 | 34 | 44 | 38 | 34 | 32 |
| 10 | 57 | 44 | 36 | 31 | 55 | 43 | 36 | 31 | 43 | 36 | 31 | 42 | 35 | 31 | 41 | 35 | 31 | 29 |

POLAR GRAPH



Maximum Candela = 371.65 Located At Horizontal Angle = 225, Vertical Angle = 1
1 - Vertical Plane Through Horizontal Angles (225 - 45) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)