



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : DLT 6 SEL UV SW 9SEL\_(LW,3000K).IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] STD201242NB-A(s)

[TESTLAB] Ningbo TengLi Testing Co., Ltd

[TESTDATE] 23 December 2020

[ISSUEDATE] 2020-12-23 10:43:55

[NEARFIELD]

[LAMPPOSITION] 0,0

[OTHER] EVERFINE GO-R5000\_V2 SYSTEM

[MANUFAC] LUMENFOCUS, LLC.

[LUMCAT] DLT 6 SEL UV SW 9SEL

[OTHER]

| [OTHER] | Gamma(deg) | Fz(lm) | Ft(lm) | %Lum | %Lamp |
|---------|------------|--------|--------|------|-------|
|---------|------------|--------|--------|------|-------|

|         |       |        |        |      |      |
|---------|-------|--------|--------|------|------|
| [OTHER] | 0- 10 | 129.51 | 129.51 | 6.06 | 6.06 |
|---------|-------|--------|--------|------|------|

|         |        |        |        |       |       |
|---------|--------|--------|--------|-------|-------|
| [OTHER] | 10- 20 | 355.23 | 484.74 | 22.67 | 22.67 |
|---------|--------|--------|--------|-------|-------|

|         |        |        |        |       |       |
|---------|--------|--------|--------|-------|-------|
| [OTHER] | 20- 30 | 483.89 | 968.63 | 45.30 | 45.30 |
|---------|--------|--------|--------|-------|-------|

|         |        |        |         |       |       |
|---------|--------|--------|---------|-------|-------|
| [OTHER] | 30- 40 | 468.20 | 1436.83 | 67.20 | 67.20 |
|---------|--------|--------|---------|-------|-------|

|         |        |        |         |       |       |
|---------|--------|--------|---------|-------|-------|
| [OTHER] | 40- 50 | 330.85 | 1767.68 | 82.67 | 82.67 |
|---------|--------|--------|---------|-------|-------|

|         |        |        |         |       |       |
|---------|--------|--------|---------|-------|-------|
| [OTHER] | 50- 60 | 189.99 | 1957.67 | 91.56 | 91.56 |
|---------|--------|--------|---------|-------|-------|

|         |        |        |         |       |       |
|---------|--------|--------|---------|-------|-------|
| [OTHER] | 60- 70 | 110.50 | 2068.16 | 96.72 | 96.72 |
|---------|--------|--------|---------|-------|-------|

|         |        |       |         |       |       |
|---------|--------|-------|---------|-------|-------|
| [OTHER] | 70- 80 | 55.55 | 2123.72 | 99.32 | 99.32 |
|---------|--------|-------|---------|-------|-------|

|         |        |       |         |        |        |
|---------|--------|-------|---------|--------|--------|
| [OTHER] | 80- 90 | 14.51 | 2138.22 | 100.00 | 100.00 |
|---------|--------|-------|---------|--------|--------|

|         |        |      |         |        |        |
|---------|--------|------|---------|--------|--------|
| [OTHER] | 90-100 | 0.01 | 2138.23 | 100.00 | 100.00 |
|---------|--------|------|---------|--------|--------|

|         |         |      |         |        |        |
|---------|---------|------|---------|--------|--------|
| [OTHER] | 100-110 | 0.00 | 2138.23 | 100.00 | 100.00 |
|---------|---------|------|---------|--------|--------|

|         |         |      |         |        |        |
|---------|---------|------|---------|--------|--------|
| [OTHER] | 110-120 | 0.00 | 2138.23 | 100.00 | 100.00 |
|---------|---------|------|---------|--------|--------|

|         |         |      |         |        |        |
|---------|---------|------|---------|--------|--------|
| [OTHER] | 120-130 | 0.00 | 2138.23 | 100.00 | 100.00 |
|---------|---------|------|---------|--------|--------|

|         |         |      |         |        |        |
|---------|---------|------|---------|--------|--------|
| [OTHER] | 130-140 | 0.00 | 2138.23 | 100.00 | 100.00 |
|---------|---------|------|---------|--------|--------|

|         |         |      |         |        |        |
|---------|---------|------|---------|--------|--------|
| [OTHER] | 140-150 | 0.00 | 2138.23 | 100.00 | 100.00 |
|---------|---------|------|---------|--------|--------|

|         |         |      |         |        |        |
|---------|---------|------|---------|--------|--------|
| [OTHER] | 150-160 | 0.00 | 2138.23 | 100.00 | 100.00 |
|---------|---------|------|---------|--------|--------|

|         |         |      |         |        |        |
|---------|---------|------|---------|--------|--------|
| [OTHER] | 160-170 | 0.00 | 2138.23 | 100.00 | 100.00 |
|---------|---------|------|---------|--------|--------|

|         |         |      |         |        |        |
|---------|---------|------|---------|--------|--------|
| [OTHER] | 170-180 | 0.00 | 2138.23 | 100.00 | 100.00 |
|---------|---------|------|---------|--------|--------|

[OTHER]

**IES INDOOR REPORT****PHOTOMETRIC FILENAME : DLT 6 SEL UV SW 9SEL\_(LW,3000K).IES****CHARACTERISTICS**

|                                 |                 |
|---------------------------------|-----------------|
| Lumens Per Lamp                 | N.A. (absolute) |
| Total Lamp Lumens               | N.A. (absolute) |
| Luminaire Lumens                | 1130            |
| Total Luminaire Efficiency      | N.A.            |
| Luminaire Efficacy Rating (LER) | 100             |
| Total Luminaire Watts           | 11.3            |
| Ballast Factor                  | 1.00            |
| CIE Type                        | Direct          |
| Spacing Criterion (0-180)       | 1.04            |
| Spacing Criterion (90-270)      | 1.04            |
| Spacing Criterion (Diagonal)    | 1.08            |
| 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<br>Degrees | Average<br>0-Deg | Average<br>45-Deg | Average<br>90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45                  | 0                | 0                 | 0                 |
| 55                  | 0                | 0                 | 0                 |
| 65                  | 0                | 0                 | 0                 |
| 75                  | 0                | 0                 | 0                 |
| 85                  | 0                | 0                 | 0                 |

**IES INDOOR REPORT****PHOTOMETRIC FILENAME : DLT 6 SEL UV SW 9SEL\_(LW,3000K).IES****ZONAL LUMEN SUMMARY**

| Zone    | Lumens  | %Lamp | %Fixt  |
|---------|---------|-------|--------|
| 0-20    | 256.20  | N.A.  | 22.70  |
| 0-30    | 511.95  | N.A.  | 45.30  |
| 0-40    | 759.41  | N.A.  | 67.20  |
| 0-60    | 1034.69 | N.A.  | 91.60  |
| 0-80    | 1122.45 | N.A.  | 99.30  |
| 0-90    | 1130.12 | N.A.  | 100.00 |
| 10-90   | 1061.67 | N.A.  | 93.90  |
| 20-40   | 503.21  | N.A.  | 44.50  |
| 20-50   | 678.07  | N.A.  | 60.00  |
| 40-70   | 333.68  | N.A.  | 29.50  |
| 60-80   | 87.76   | N.A.  | 7.80   |
| 70-80   | 29.36   | N.A.  | 2.60   |
| 80-90   | 7.67    | N.A.  | 0.70   |
| 90-110  | 0.00    | N.A.  | 0.00   |
| 90-120  | 0.01    | N.A.  | 0.00   |
| 90-130  | 0.01    | N.A.  | 0.00   |
| 90-150  | 0.01    | N.A.  | 0.00   |
| 90-180  | 0.01    | N.A.  | 0.00   |
| 110-180 | 0.00    | N.A.  | 0.00   |
| 0-180   | 1130.12 | N.A.  | 100.00 |

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

| Zone    | Lumens |
|---------|--------|
| 0-10    | 68.45  |
| 10-20   | 187.75 |
| 20-30   | 255.75 |
| 30-40   | 247.46 |
| 40-50   | 174.86 |
| 50-60   | 100.41 |
| 60-70   | 58.40  |
| 70-80   | 29.36  |
| 80-90   | 7.67   |
| 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   |

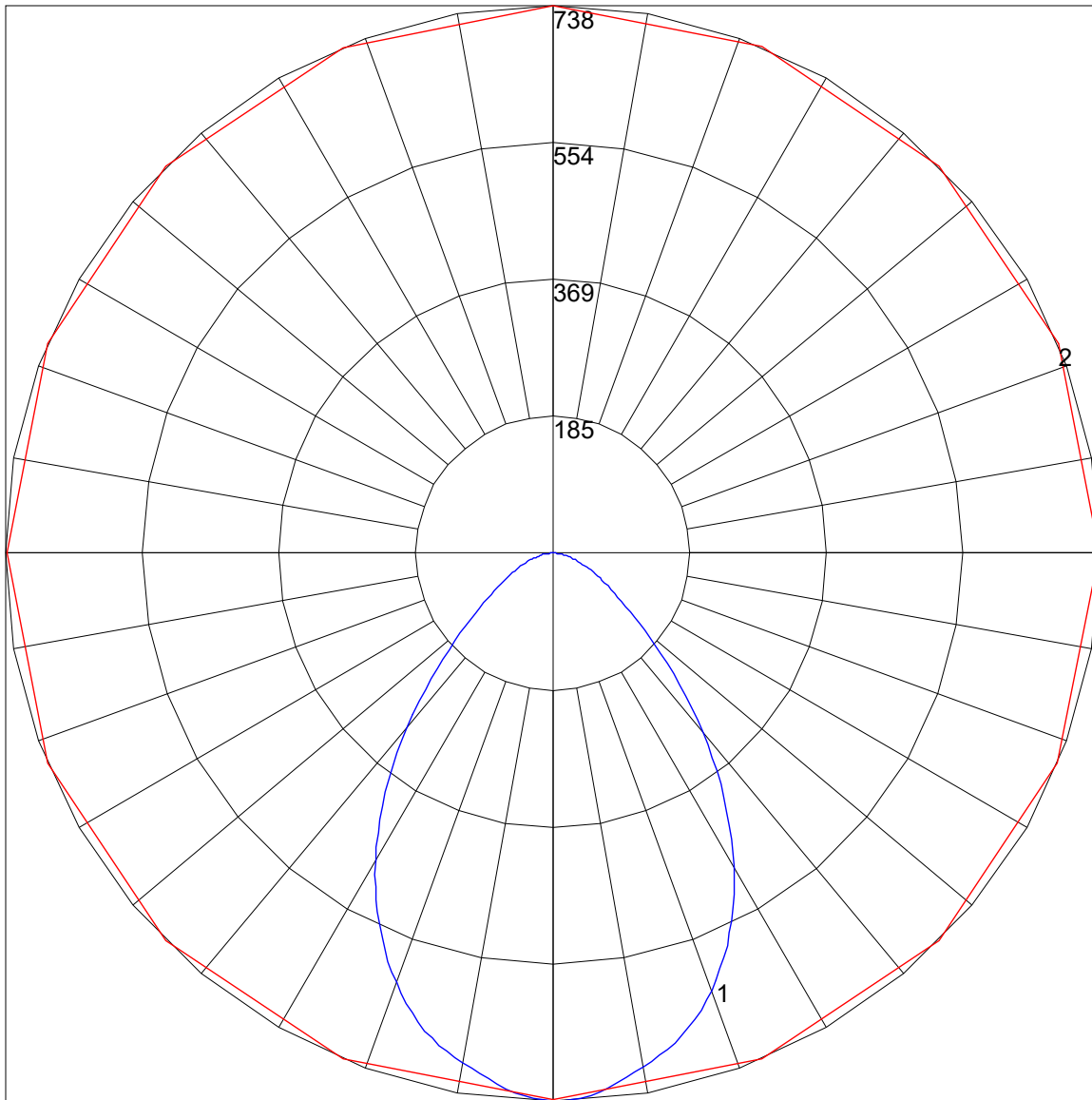
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**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

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 | 108 | 104 | 101 | 109 | 105 | 102 | 100 | 101 | 99  | 97  | 97  | 95  | 94  | 94  | 92  | 91  | 89  |
| 2  | 104 | 97  | 92  | 87  | 101 | 95  | 90  | 86  | 92  | 88  | 84  | 89  | 85  | 82  | 86  | 83  | 81  | 79  |
| 3  | 96  | 88  | 81  | 76  | 94  | 86  | 80  | 75  | 84  | 78  | 74  | 81  | 77  | 73  | 79  | 75  | 72  | 70  |
| 4  | 90  | 80  | 73  | 67  | 88  | 79  | 72  | 67  | 76  | 71  | 66  | 74  | 69  | 65  | 72  | 68  | 64  | 62  |
| 5  | 84  | 73  | 66  | 60  | 82  | 72  | 65  | 60  | 70  | 64  | 59  | 68  | 63  | 59  | 66  | 62  | 58  | 56  |
| 6  | 78  | 67  | 60  | 54  | 77  | 66  | 59  | 54  | 65  | 58  | 53  | 63  | 57  | 53  | 62  | 57  | 53  | 51  |
| 7  | 73  | 62  | 54  | 49  | 72  | 61  | 54  | 49  | 60  | 53  | 49  | 58  | 53  | 48  | 57  | 52  | 48  | 46  |
| 8  | 69  | 57  | 50  | 45  | 68  | 57  | 50  | 45  | 55  | 49  | 44  | 54  | 48  | 44  | 53  | 48  | 44  | 42  |
| 9  | 65  | 53  | 46  | 41  | 64  | 53  | 46  | 41  | 52  | 45  | 41  | 51  | 45  | 41  | 50  | 44  | 41  | 39  |
| 10 | 61  | 50  | 43  | 38  | 60  | 49  | 42  | 38  | 48  | 42  | 38  | 47  | 42  | 38  | 47  | 41  | 38  | 36  |

POLAR GRAPH



Maximum Candela = 738.126 Located At Horizontal Angle = 45, Vertical Angle = 1  
# 1 - Vertical Plane Through Horizontal Angles (45 - 225) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)