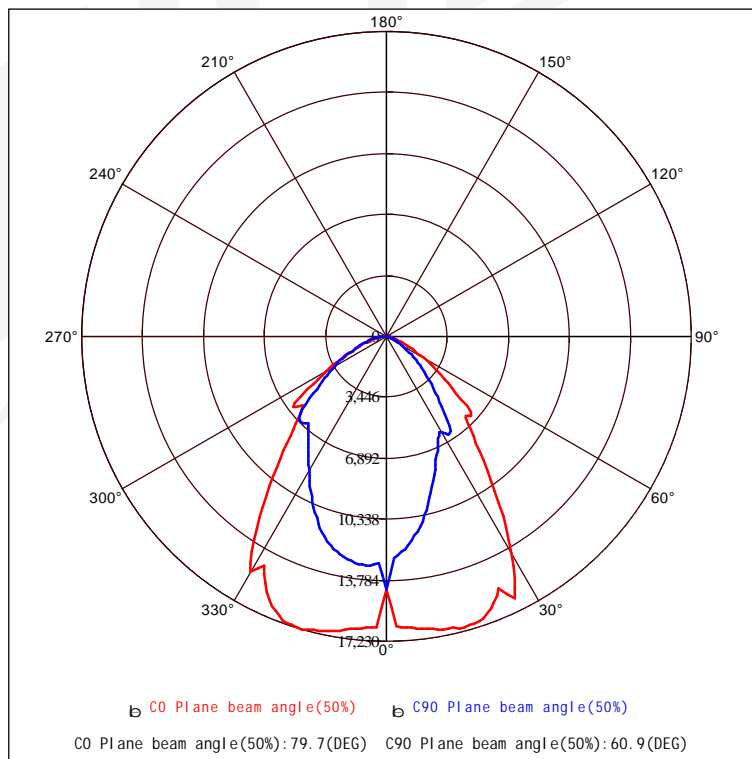


### Goniophotometer Test Report

| Measured Para U: 227.7V I: 1084.0mA P: 242.10W PF: 0.981 Test LM: 29580.80lm |             |                        |                  |                     |                  |       |
|--|-------------|------------------------|------------------|---------------------|------------------|-------|
| Lamp Name: LED UFO LIGHT   |             | Lamp Type:             |                  | Weight(kg):         |                  |       |
| Lamp ID: LPUF-300F01   |             | Lamp Spec: LPUF-300F01 |                  | Shape Size:         |                  |       |
| Manufactory: LIPER   |             | Sur(m <sup>2</sup> ):  |                  | Protect Angle(Deg): |                  |       |
| Light Source Data  |             |                        | Photometric Data |                     |                  |       |
| Model  | LPUF-300F01 |                        | Peak Value(cd)   | 17242.1             | Efficiency(lm/w) | 122.2 |
| Nominal P(w)   | 300.0       |                        | Position         | 180.0, 15.0         | UP(C0-C180)      | 0.0   |
| Rated Volt(v)  | 1.0         |                        | Total Flux(lm)   | 29580.803           | Down(C0-C180)    | 47.0  |
| Rated Flux(lm)   | 1.0         |                        | Up Flux Rate(%)  | 0.0                 | UP(C180-C360)    | 0.0   |
| Illuminant QTY   | 1           |                        | Dw Flux Rate(%)  | 100.0               | Down(C180-C360)  | 53.0  |

### Planar Intensity Distribution Curve



Gama Angle Range: -90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 30

Tester: zxcg

Distance(m): 7.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval(Deg): 45

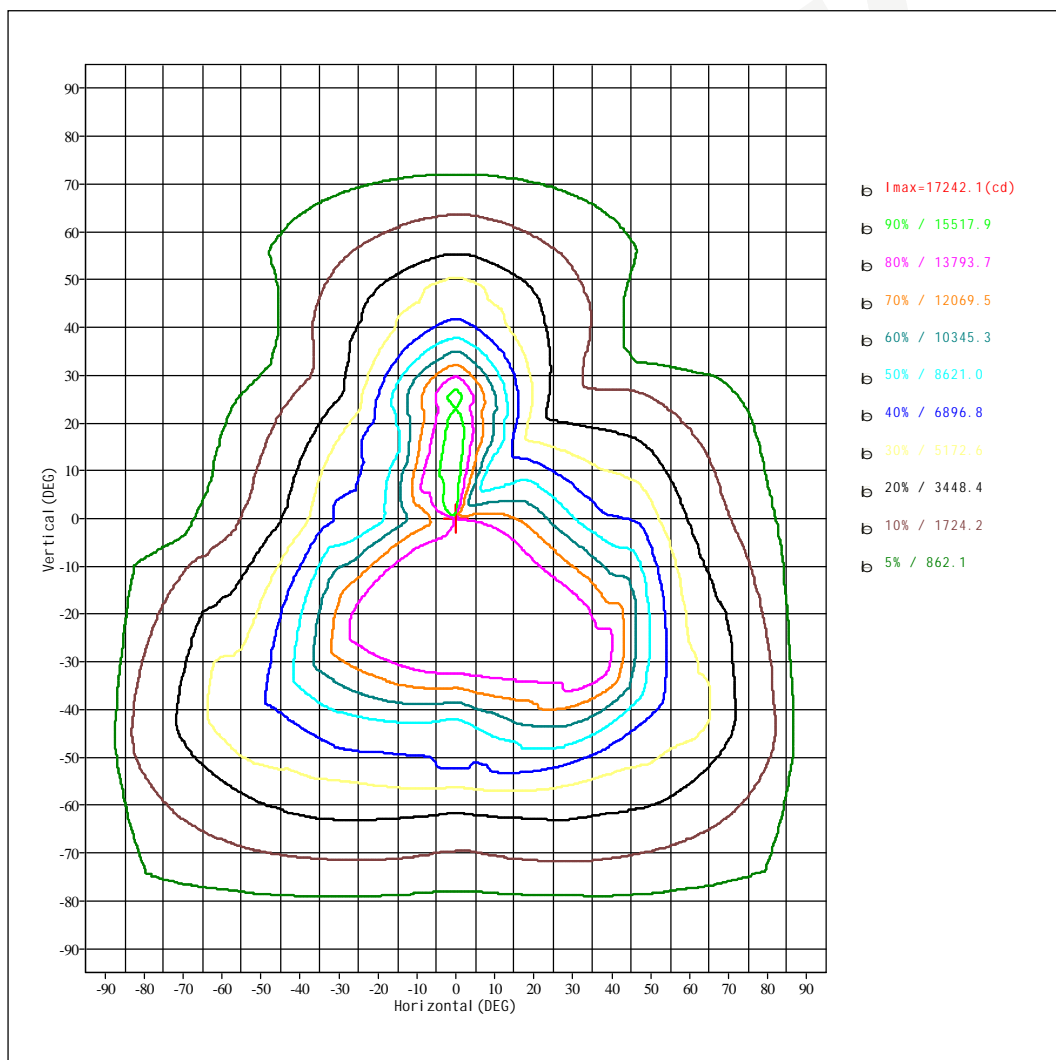
Humidity(%): 60

Date: 2026-4-3

Remark:

|  |                        |                     |
|--|------------------------|---------------------|
| Measured Para U: 227.7V I: 1084.0mA P: 242.10W PF: 0.981 Test LM: 29580.80lm |                        |                     |
| Lamp Name: LED UFO LIGHT   | Lamp Type:             | Weight(kg):         |
| Lamp ID: LPUF-300F01   | Lamp Spec: LPUF-300F01 | Shape Si ze:        |
| Manufactory: LIPER   | Sur(m^2):              | Protect Angle(Deg): |

Planar IsoCandela Curve



Gama Angle Range: -90 - 90(Deg)

Gama interval (Deg): 1

Temperature(Deg): 30

Tester: zxg

Distance(m): 7.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval (Deg): 45

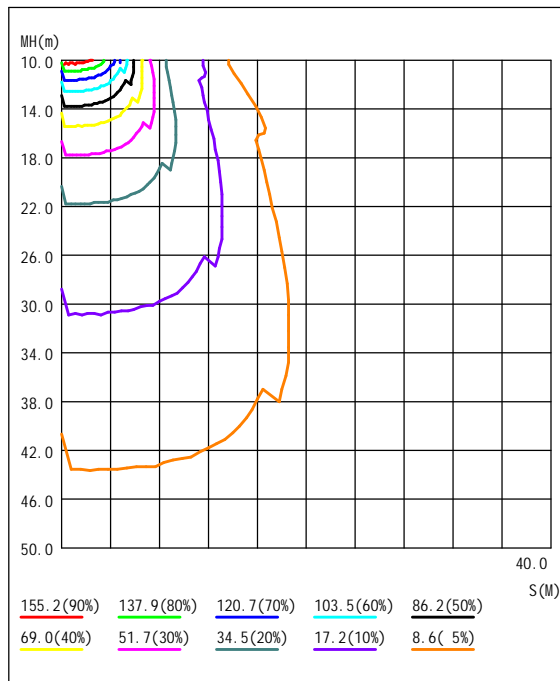
Humi di ty(%): 60

Date: 2026-4-3

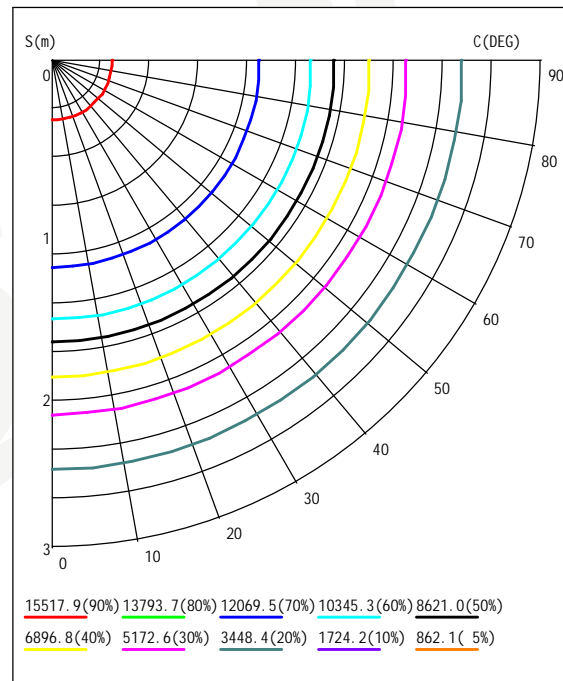
Remark:

|  |                        |                     |
|--|------------------------|---------------------|
| Measured Para U: 227.7V I: 1084.0mA P: 242.10W PF: 0.981 Test LM: 29580.80lm |                        |                     |
| Lamp Name: LED UFO LIGHT   | Lamp Type:             | Weight(kg):         |
| Lamp ID: LPUF-300F01   | Lamp Spec: LPUF-300F01 | Shape Si ze:        |
| Manufactory: LIPER   | Sur(m <sup>2</sup> ):  | Protect Angle(Deg): |

Spacial ISOLUX Curve



Planar ISOLUX Curve



Gama Angle Range: -90 - 90(Deg)

Gama interval (Deg): 1

Temperature(Deg): 30

Tester: zxcg

Distance(m): 7.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval (Deg): 45

Humi di ty(%): 60

Date: 2026-4-3

Remark:

|  |                        |                     |
|--|------------------------|---------------------|
| Measured Para U: 227.7V I: 1084.0mA P: 242.10W PF: 0.981 Test LM: 29580.80lm |                        |                     |
| Lamp Name: LED UFO LIGHT   | Lamp Type:             | Weight(kg):         |
| Lamp ID: LPUF-300F01   | Lamp Spec: LPUF-300F01 | Shape Si ze:        |
| Manufactory: LIPER   | Sur(m^2):              | Protect Angle(Deg): |

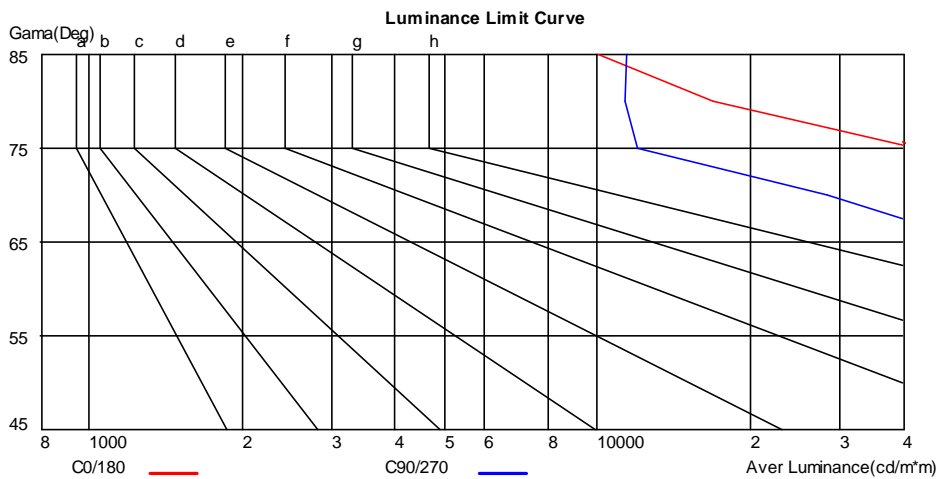
Luminance Limit Curve

**Aver Luminance(cd/m\*m)**

| Gm(Deg) | 45       | 50       | 55       | 60       | 65       | 70      | 75      | 80      | 85      |
|---------|----------|----------|----------|----------|----------|---------|---------|---------|---------|
| C0      | 632971.2 | 526899.4 | 361085.4 | 233442.9 | 142763.0 | 82016.7 | 43156.8 | 16962.8 | 10080.3 |
| C90     | 316208.8 | 225142.7 | 148774.3 | 94198.6  | 57241.3  | 28469.0 | 11984.4 | 11378.3 | 11467.5 |

**Glare**

| Glare | Class | Illuminance(lx) |      |      |       |       |       |       |       |
|-------|-------|-----------------|------|------|-------|-------|-------|-------|-------|
|       |       | a               | b    | c    | d     | e     | f     | g     | h     |
| 1.15  | A     | 2000            | 1000 | 500  | <=300 |       |       |       |       |
| 1.5   | B     |                 | 2000 | 1000 | 500   | <=300 |       |       |       |
| 1.85  | C     |                 |      | 2000 | 1000  | 500   | <=300 |       |       |
| 2.2   | D     |                 |      |      | 2000  | 1000  | 500   | <=300 |       |
| 2.55  | E     |                 |      |      |       | 2000  | 1000  | 500   | <=300 |



Gama Angle Range: -90 - 90(Deg)

Gama interval(Deg): 1

Temperature(Deg): 30

Tester: zxg

Distance(m): 7.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval(Deg): 45

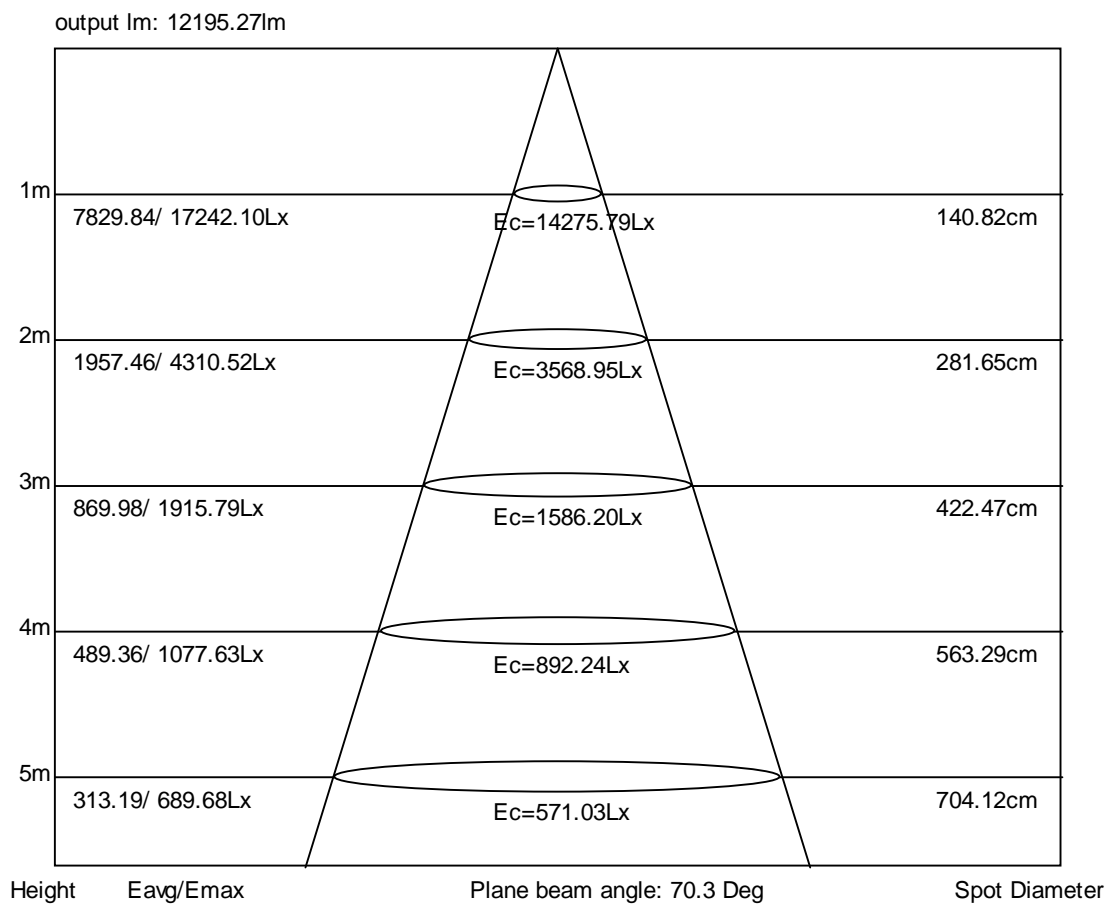
Humi di ty(%): 60

Date: 2026-4-3

Remark:

|  |                        |                     |
|--|------------------------|---------------------|
| Measured Para U: 227.7V I: 1084.0mA P: 242.10W PF: 0.981 Test LM: 29580.80lm |                        |                     |
| Lamp Name: LED UFO LIGHT   | Lamp Type:             | Weight(kg):         |
| Lamp ID: LPUF-300F01   | Lamp Spec: LPUF-300F01 | Shape Si ze:        |
| Manufactory: LIPER   | Sur(m <sup>2</sup> ):  | Protect Angle(Deg): |

Average Illumination



Gama Angle Range: -90 - 90(Deg)

Gama interval (Deg): 1

Temperature(Deg): 30

Tester: zxg

Distance(m): 7.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval (Deg): 45

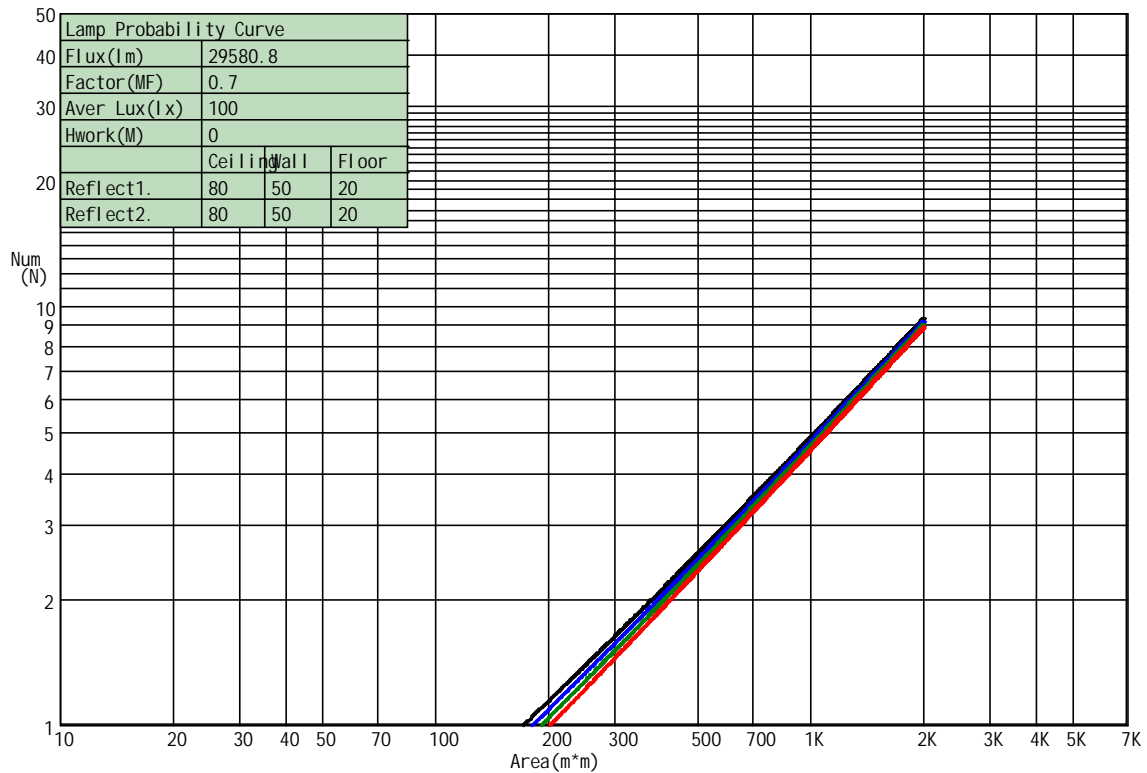
Humi di ty(%): 60

Date: 2026-4-3

Remark:

|  |                        |                     |
|--|------------------------|---------------------|
| Measured Para U: 227.7V I: 1084.0mA P: 242.10W PF: 0.981 Test LM: 29580.80lm |                        |                     |
| Lamp Name: LED UFO LIGHT   | Lamp Type:             | Weight(kg):         |
| Lamp ID: LPUF-300F01   | Lamp Spec: LPUF-300F01 | Shape Size:         |
| Manufactory: LIPER   | Sur(m <sup>2</sup> ):  | Protect Angle(Deg): |

Lamp Probability Curve



Gama Angle Range: -90 - 90(Deg)

Gama interval (Deg): 1

Temperature(Deg): 30

Tester: zxcg

Distance(m): 7.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval (Deg): 45

Humidity(%): 60

Date: 2026-4-3

Remark:

|  |                        |                     |
|--|------------------------|---------------------|
| Measured Para U: 227.7V I: 1084.0mA P: 242.10W PF: 0.981 Test LM: 29580.80lm |                        |                     |
| Lamp Name: LED UFO LIGHT   | Lamp Type:             | Weight(kg):         |
| Lamp ID: LPUF-300F01   | Lamp Spec: LPUF-300F01 | Shape Si ze:        |
| Manufactory: LIPER   | Sur(m^2):              | Protect Angle(Deg): |

UF Table

|         |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 |
| Wall    | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 |
| Floor   | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 0.60    | 53  | 38  | 29  | 52  | 38  | 29  | 49  | 36  | 28  |
| 0.80    | 57  | 40  | 29  | 54  | 39  | 29  | 50  | 37  | 28  |
| 1.00    | 59  | 42  | 30  | 57  | 40  | 29  | 52  | 38  | 28  |
| 1.25    | 61  | 43  | 29  | 58  | 41  | 29  | 53  | 38  | 27  |
| 1.50    | 63  | 44  | 29  | 60  | 42  | 29  | 54  | 39  | 27  |
| 2.00    | 66  | 46  | 30  | 62  | 44  | 29  | 55  | 39  | 27  |
| 2.50    | 67  | 47  | 30  | 63  | 44  | 29  | 55  | 39  | 26  |
| 3.00    | 68  | 48  | 30  | 64  | 45  | 29  | 56  | 40  | 26  |
| 4.00    | 70  | 49  | 31  | 65  | 46  | 29  | 56  | 40  | 26  |
| 5.00    | 71  | 50  | 31  | 66  | 47  | 29  | 57  | 41  | 26  |

CoEfficients Utilization

|            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Ceiling(%) |      | 0    |      |      | 0    |      |      | 0    |      |      | 0    |      |      | 0    |      |
| Wall (%)   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Floor (%)  |      | 0    |      |      | 0    |      |      | 0    |      |      | 0    |      |      | 0    |      |
| 0          | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.11 | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 |
| 1          | 1.05 | 1.01 | 0.98 | 1.03 | 0.99 | 0.96 | 0.99 | 0.96 | 0.93 | 0.95 | 0.93 | 0.9  | 0.91 | 0.89 | 0.88 |
| 2          | 0.93 | 0.87 | 0.82 | 0.91 | 0.86 | 0.81 | 0.88 | 0.83 | 0.79 | 0.85 | 0.81 | 0.77 | 0.82 | 0.78 | 0.75 |
| 3          | 0.83 | 0.76 | 0.7  | 0.82 | 0.75 | 0.69 | 0.79 | 0.73 | 0.68 | 0.76 | 0.71 | 0.67 | 0.73 | 0.69 | 0.66 |
| 4          | 0.75 | 0.66 | 0.6  | 0.73 | 0.66 | 0.6  | 0.71 | 0.64 | 0.59 | 0.69 | 0.63 | 0.58 | 0.66 | 0.62 | 0.57 |
| 5          | 0.67 | 0.59 | 0.53 | 0.66 | 0.58 | 0.53 | 0.64 | 0.57 | 0.52 | 0.62 | 0.56 | 0.51 | 0.6  | 0.55 | 0.51 |
| 6          | 0.61 | 0.53 | 0.47 | 0.6  | 0.52 | 0.47 | 0.59 | 0.52 | 0.46 | 0.57 | 0.51 | 0.46 | 0.55 | 0.5  | 0.45 |
| 7          | 0.56 | 0.48 | 0.42 | 0.55 | 0.47 | 0.42 | 0.54 | 0.47 | 0.42 | 0.52 | 0.46 | 0.41 | 0.51 | 0.45 | 0.41 |
| 8          | 0.51 | 0.43 | 0.38 | 0.51 | 0.43 | 0.38 | 0.49 | 0.43 | 0.38 | 0.48 | 0.42 | 0.37 | 0.47 | 0.41 | 0.37 |
| 9          | 0.47 | 0.4  | 0.34 | 0.47 | 0.39 | 0.34 | 0.46 | 0.39 | 0.34 | 0.45 | 0.38 | 0.34 | 0.44 | 0.38 | 0.34 |
| 10         | 0.44 | 0.37 | 0.32 | 0.44 | 0.36 | 0.31 | 0.43 | 0.36 | 0.31 | 0.42 | 0.36 | 0.31 | 0.41 | 0.35 | 0.31 |

Gama Angle Range: -90 - 90(Deg)

Gama interval (Deg): 1

Temperature(Deg): 30

Tester: zxcg

Distance(m): 7.000

Test System: ZWL Goniophotometer System V3.0

C Angle Range: 0 - 180(Deg)

C interval (Deg): 45

Humi dity(%): 60

Date: 2026-4-3

Remark:

|  |                        |                     |
|--|------------------------|---------------------|
| Measured Para U: 227.7V I: 1084.0mA P: 242.10W PF: 0.981 Test LM: 29580.80lm |                        |                     |
| Lamp Name: LED UFO LIGHT   | Lamp Type:             | Weight(kg):         |
| Lamp ID: LPUF-300F01   | Lamp Spec: LPUF-300F01 | Shape Si ze:        |
| Manufactory: LIPER   | Sur(m^2):              | Protect Angle(Deg): |

Wall Exi tance CoEfficients

|            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Ceiling(%) |      | 0    |      |      | 0    |      |      | 0    |      |      | 0    |      |      | 0    |      |
| Wall (%)   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Floor (%)  |      | 0    |      |      | 0    |      |      | 0    |      |      | 0    |      |      | 0    |      |
| 0          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| 1          | 0.28 | 0.16 | 0.05 | 0.28 | 0.16 | 0.05 | 0.26 | 0.15 | 0.05 | 0.25 | 0.14 | 0.05 | 0.24 | 0.14 | 0.04 |
| 2          | 0.26 | 0.15 | 0.04 | 0.26 | 0.14 | 0.04 | 0.25 | 0.14 | 0.04 | 0.24 | 0.13 | 0.04 | 0.23 | 0.13 | 0.04 |
| 3          | 0.25 | 0.13 | 0.04 | 0.24 | 0.13 | 0.04 | 0.23 | 0.13 | 0.04 | 0.22 | 0.12 | 0.04 | 0.21 | 0.12 | 0.04 |
| 4          | 0.23 | 0.12 | 0.03 | 0.22 | 0.12 | 0.03 | 0.21 | 0.11 | 0.03 | 0.21 | 0.11 | 0.03 | 0.2  | 0.11 | 0.03 |
| 5          | 0.21 | 0.11 | 0.03 | 0.21 | 0.11 | 0.03 | 0.2  | 0.1  | 0.03 | 0.19 | 0.1  | 0.03 | 0.19 | 0.1  | 0.03 |
| 6          | 0.2  | 0.1  | 0.03 | 0.19 | 0.1  | 0.03 | 0.19 | 0.1  | 0.03 | 0.18 | 0.09 | 0.03 | 0.18 | 0.09 | 0.03 |
| 7          | 0.19 | 0.09 | 0.03 | 0.18 | 0.09 | 0.03 | 0.18 | 0.09 | 0.03 | 0.17 | 0.09 | 0.03 | 0.16 | 0.09 | 0.03 |
| 8          | 0.17 | 0.09 | 0.02 | 0.17 | 0.08 | 0.02 | 0.17 | 0.08 | 0.02 | 0.16 | 0.08 | 0.02 | 0.16 | 0.08 | 0.02 |
| 9          | 0.16 | 0.08 | 0.02 | 0.16 | 0.08 | 0.02 | 0.16 | 0.08 | 0.02 | 0.15 | 0.08 | 0.02 | 0.15 | 0.07 | 0.02 |
| 10         | 0.15 | 0.07 | 0.02 | 0.15 | 0.07 | 0.02 | 0.15 | 0.07 | 0.02 | 0.14 | 0.07 | 0.02 | 0.14 | 0.07 | 0.02 |

Ceiling Cavi ty Exi tance CoEfficients

|            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Ceiling(%) |      | 0    |      |      | 0    |      |      | 0    |      |      | 0    |      |      | 0    |      |
| Wall (%)   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Floor (%)  |      | 0    |      |      | 0    |      |      | 0    |      |      | 0    |      |      | 0    |      |
| 0          | 0.19 | 0.19 | 0.19 | 0.16 | 0.16 | 0.16 | 0.11 | 0.11 | 0.11 | 0.06 | 0.06 | 0.06 | 0.02 | 0.02 | 0.02 |
| 1          | 0.18 | 0.16 | 0.14 | 0.15 | 0.13 | 0.12 | 0.1  | 0.09 | 0.08 | 0.06 | 0.05 | 0.05 | 0.02 | 0.02 | 0.02 |
| 2          | 0.17 | 0.13 | 0.1  | 0.14 | 0.11 | 0.09 | 0.1  | 0.08 | 0.06 | 0.06 | 0.05 | 0.04 | 0.02 | 0.01 | 0.01 |
| 3          | 0.16 | 0.11 | 0.08 | 0.14 | 0.1  | 0.07 | 0.09 | 0.07 | 0.05 | 0.05 | 0.04 | 0.03 | 0.02 | 0.01 | 0.01 |
| 4          | 0.15 | 0.1  | 0.06 | 0.13 | 0.09 | 0.05 | 0.09 | 0.06 | 0.04 | 0.05 | 0.04 | 0.02 | 0.02 | 0.01 | 0.01 |
| 5          | 0.14 | 0.09 | 0.05 | 0.12 | 0.08 | 0.04 | 0.09 | 0.05 | 0.03 | 0.05 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01 |
| 6          | 0.14 | 0.08 | 0.04 | 0.12 | 0.07 | 0.04 | 0.08 | 0.05 | 0.03 | 0.05 | 0.03 | 0.02 | 0.02 | 0.01 | 0    |
| 7          | 0.13 | 0.07 | 0.03 | 0.11 | 0.06 | 0.03 | 0.08 | 0.05 | 0.02 | 0.05 | 0.03 | 0.01 | 0.01 | 0.01 | 0    |
| 8          | 0.12 | 0.07 | 0.03 | 0.11 | 0.06 | 0.03 | 0.07 | 0.04 | 0.02 | 0.04 | 0.02 | 0.01 | 0.01 | 0.01 | 0    |
| 9          | 0.12 | 0.06 | 0.03 | 0.1  | 0.06 | 0.02 | 0.07 | 0.04 | 0.02 | 0.04 | 0.02 | 0.01 | 0.01 | 0.01 | 0    |
| 10         | 0.11 | 0.06 | 0.02 | 0.1  | 0.05 | 0.02 | 0.07 | 0.04 | 0.01 | 0.04 | 0.02 | 0.01 | 0.01 | 0.01 | 0    |

Gama Angle Range: -90 - 90(Deg)

C Angle Range: 0 - 180(Deg)

Gama interval (Deg): 1

C interval (Deg): 45

Temperature(Deg): 30

Humi di ty(%): 60

Tester: zxcg

Date: 2026-4-3

Distance(m): 7.000

Remark:

Test System: ZWL Goni ophotometer System V3.0

|  |                        |                     |
|--|------------------------|---------------------|
| Measured Para U: 227.7V I: 1084.0mA P: 242.10W PF: 0.981 Test LM: 29580.80lm |                        |                     |
| Lamp Name: LED UFO LIGHT   | Lamp Type:             | Weight (kg):        |
| Lamp ID: LPUF-300F01   | Lamp Spec: LPUF-300F01 | Shape Si ze:        |
| Manufactory: LIPER   | Sur(m^2):              | Protect Angle(Deg): |

Ring-shaped Flux Data Table

| Gm\C(Deg) | 0     | 45    | 90    | 135   | 180   | 225   | 270   | 315  | Range   | Ring | T(lm) |
|-----------|-------|-------|-------|-------|-------|-------|-------|------|---------|------|-------|
| 5         | 16512 | 15705 | 12000 | 13200 | 16654 | 16902 | 12988 | 9291 | 0-5     | 340  | 340   |
| 10        | 16907 | 15226 | 10796 | 14810 | 16902 | 16644 | 12780 | 7656 | 5-10    | 998  | 1338  |
| 15        | 16948 | 11798 | 9305  | 15706 | 17242 | 16405 | 12121 | 6481 | 10-15   | 1613 | 2952  |
| 20        | 16593 | 8563  | 7907  | 16166 | 17004 | 16461 | 11155 | 6517 | 15-20   | 2127 | 5079  |
| 25        | 16771 | 6587  | 6767  | 16085 | 15776 | 16618 | 9896  | 4703 | 20-25   | 2517 | 7595  |
| 30        | 13783 | 6326  | 6313  | 15451 | 15268 | 16918 | 8615  | 3372 | 25-30   | 2813 | 10408 |
| 35        | 10369 | 4284  | 6005  | 14236 | 12224 | 17054 | 7571  | 2426 | 30-35   | 2953 | 13362 |
| 40        | 7670  | 2873  | 4333  | 12588 | 9405  | 16192 | 6753  | 1728 | 35-40   | 2822 | 16184 |
| 45        | 6330  | 1818  | 3162  | 10831 | 7282  | 16099 | 6840  | 1074 | 40-45   | 2630 | 18814 |
| 50        | 5269  | 1042  | 2251  | 9126  | 6044  | 13018 | 5734  | 681  | 45-50   | 2459 | 21273 |
| 55        | 3611  | 603   | 1488  | 7673  | 5671  | 9871  | 4344  | 366  | 50-55   | 2101 | 23374 |
| 60        | 2334  | 269   | 942   | 6665  | 3813  | 7519  | 3247  | 157  | 55-60   | 1673 | 25048 |
| 65        | 1428  | 108   | 572   | 7103  | 2454  | 6038  | 2326  | 84.2 | 60-65   | 1351 | 26399 |
| 70        | 820   | 111   | 285   | 5381  | 1496  | 5915  | 1629  | 82.8 | 65-70   | 1146 | 27545 |
| 75        | 432   | 115   | 120   | 3991  | 828   | 3966  | 1034  | 83.7 | 70-75   | 847  | 28391 |
| 80        | 170   | 121   | 114   | 2706  | 440   | 2572  | 678   | 87.1 | 75-80   | 578  | 28970 |
| 85        | 101   | 129   | 115   | 1780  | 165   | 1625  | 390   | 90.9 | 80-85   | 376  | 29346 |
| 90        | 105   | 136   | 118   | 1050  | 59.5  | 1003  | 167   | 93.1 | 85-90   | 235  | 29581 |
| 95        |       |       |       |       |       |       |       |      | 90-95   |      |       |
| 100       |       |       |       |       |       |       |       |      | 95-100  |      |       |
| 105       |       |       |       |       |       |       |       |      | 100-105 |      |       |
| 110       |       |       |       |       |       |       |       |      | 105-110 |      |       |
| 115       |       |       |       |       |       |       |       |      | 110-115 |      |       |
| 120       |       |       |       |       |       |       |       |      | 115-120 |      |       |
| 125       |       |       |       |       |       |       |       |      | 120-125 |      |       |
| 130       |       |       |       |       |       |       |       |      | 125-130 |      |       |
| 135       |       |       |       |       |       |       |       |      | 130-135 |      |       |
| 140       |       |       |       |       |       |       |       |      | 135-140 |      |       |
| 145       |       |       |       |       |       |       |       |      | 140-145 |      |       |
| 150       |       |       |       |       |       |       |       |      | 145-150 |      |       |
| 155       |       |       |       |       |       |       |       |      | 150-155 |      |       |
| 160       |       |       |       |       |       |       |       |      | 155-160 |      |       |
| 165       |       |       |       |       |       |       |       |      | 160-165 |      |       |
| 170       |       |       |       |       |       |       |       |      | 165-170 |      |       |
| 175       |       |       |       |       |       |       |       |      | 170-175 |      |       |
| 180       |       |       |       |       |       |       |       |      | 175-180 |      |       |

Gama Angle Range: -90 - 90(Deg)

C Angle Range: 0 - 180(Deg)

Gama interval (Deg): 1

C interval (Deg): 45

Temperature(Deg): 30

Humi di ty(%): 60

Tester: zxg

Date: 2026-4-3

Distance(m): 7.000

Remark:

Test System: ZWL Goniophotometer System V3.0

|  |                        |                     |
|--|------------------------|---------------------|
| Measured Para U: 227.7V I: 1084.0mA P: 242.10W PF: 0.981 Test LM: 29580.80lm |                        |                     |
| Lamp Name: LED UFO LIGHT   | Lamp Type:             | Weight (kg):        |
| Lamp ID: LPUF-300F01   | Lamp Spec: LPUF-300F01 | Shape Si ze:        |
| Manufactory: LIPER   | Sur(m^2):              | Protect Angle(Deg): |

CD Table

| Gm\C(Deg) | 0    | 20   | 40   | 60   | 80   | 100  | 120  | 140  | 160  | 180  | 200  | 220  | 240  | 260  | 280  | 300  | 320  | 340  |
|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 5.0       | 17k  | 16k  | 16k  | 14k  | 13k  | 12k  | 13k  | 14k  | 15k  | 17k  | 17k  | 17k  | 16k  | 14k  | 12k  | 11k  | 10k  | 13k  |
| 10.0      | 17k  | 16k  | 15k  | 14k  | 12k  | 12k  | 13k  | 15k  | 16k  | 17k  | 17k  | 17k  | 15k  | 14k  | 12k  | 9337 | 8668 | 13k  |
| 15.0      | 17k  | 15k  | 12k  | 11k  | 9850 | 11k  | 14k  | 16k  | 17k  | 17k  | 17k  | 16k  | 15k  | 13k  | 11k  | 8332 | 7626 | 12k  |
| 20.0      | 17k  | 13k  | 9441 | 8348 | 8051 | 9714 | 13k  | 16k  | 17k  | 17k  | 17k  | 17k  | 15k  | 12k  | 10k  | 8039 | 7619 | 12k  |
| 25.0      | 17k  | 12k  | 7701 | 6646 | 6727 | 8805 | 13k  | 16k  | 16k  | 16k  | 16k  | 17k  | 14k  | 11k  | 8760 | 6407 | 6023 | 11k  |
| 30.0      | 14k  | 11k  | 7142 | 6322 | 6316 | 8312 | 12k  | 15k  | 15k  | 15k  | 16k  | 17k  | 14k  | 10k  | 7468 | 5093 | 4511 | 9228 |
| 35.0      | 10k  | 7707 | 4949 | 4848 | 5628 | 7805 | 12k  | 14k  | 13k  | 12k  | 14k  | 17k  | 14k  | 9645 | 6445 | 4114 | 3295 | 6894 |
| 40.0      | 7670 | 5571 | 3398 | 3352 | 4013 | 6138 | 9879 | 12k  | 11k  | 9405 | 12k  | 15k  | 13k  | 8818 | 5654 | 3377 | 2378 | 5070 |
| 45.0      | 6330 | 4356 | 2311 | 2259 | 2868 | 4840 | 8315 | 10k  | 8834 | 7282 | 11k  | 15k  | 13k  | 8865 | 5579 | 2966 | 1649 | 4030 |
| 50.0      | 5269 | 3420 | 1504 | 1439 | 1987 | 3755 | 6871 | 8789 | 7393 | 6044 | 9095 | 12k  | 11k  | 7328 | 4629 | 2339 | 1183 | 3262 |
| 55.0      | 3611 | 2295 | 932  | 893  | 1294 | 2841 | 5644 | 7454 | 6547 | 5671 | 7509 | 9411 | 8057 | 5553 | 3474 | 1671 | 720  | 2191 |
| 60.0      | 2334 | 1431 | 495  | 490  | 795  | 2194 | 4787 | 6353 | 5061 | 3813 | 5434 | 7114 | 6117 | 4182 | 2571 | 1171 | 395  | 1382 |
| 65.0      | 1428 | 850  | 253  | 261  | 471  | 2001 | 4960 | 6594 | 4488 | 2454 | 4022 | 5646 | 4820 | 3138 | 1835 | 820  | 231  | 840  |
| 70.0      | 820  | 510  | 188  | 168  | 247  | 1400 | 3709 | 4956 | 3196 | 1496 | 3430 | 5432 | 4509 | 2566 | 1291 | 590  | 163  | 498  |
| 75.0      | 432  | 293  | 150  | 117  | 119  | 967  | 2721 | 3645 | 2212 | 828  | 2201 | 3623 | 3004 | 1675 | 826  | 395  | 122  | 279  |
| 80.0      | 170  | 148  | 127  | 119  | 115  | 681  | 1856 | 2458 | 1431 | 440  | 1373 | 2339 | 1950 | 1092 | 549  | 281  | 96.1 | 134  |
| 85.0      | 101  | 113  | 126  | 124  | 118  | 479  | 1233 | 1603 | 871  | 165  | 804  | 1465 | 1219 | 660  | 324  | 189  | 92   | 96.5 |
| 90.0      | 105  | 119  | 133  | 130  | 122  | 322  | 744  | 941  | 493  | 59.5 | 472  | 900  | 728  | 350  | 151  | 117  | 94.3 | 99.7 |
| 95.0      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 100.0     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 105.0     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 110.0     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 115.0     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 120.0     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 125.0     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 130.0     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 135.0     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 140.0     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 145.0     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 150.0     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 155.0     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 160.0     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 165.0     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 170.0     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 175.0     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 180.0     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |

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