

# Floodlight Summary:

Report based on lamp delivering 1000 lumens.

|                                    |                        |
|------------------------------------|------------------------|
| Maximum Intensity                  | 404.6 cd per klm.      |
| (Luminaire orientation as tested.) | 0.0 degrees vertical   |
|                                    | 0.0 degrees horizontal |

|             |                |                 |
|-------------|----------------|-----------------|
| Beam Spread | At 10% of Imax | 150.0V x 149.9H |
|             | At 50% of Imax | 98.3V x 99.0H   |
|             | At 90% of Imax | 48.5V x 50.1H   |

|           |                |                        |
|-----------|----------------|------------------------|
| Beam Flux | Total          | 1000.1 lumens per klm. |
|           | To 10% of Imax | 973.4 lumens per klm.  |
|           | To 50% of Imax | 697.5 lumens per klm.  |
|           | To 90% of Imax | 230.9 lumens per klm.  |

|              |        |
|--------------|--------|
| Upward LOR   | 0.5 %  |
| Downward LOR | 99.5 % |

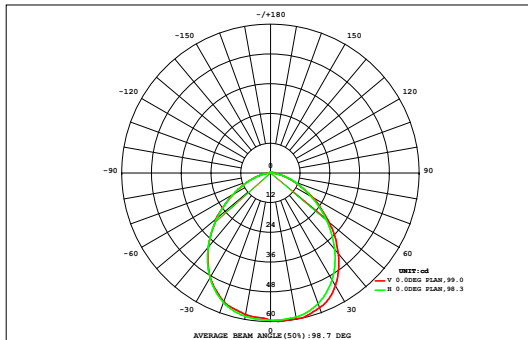
|                                          |         |
|------------------------------------------|---------|
| Luminaire Efficiency(Light Output Ratio) | 100.0 % |
|------------------------------------------|---------|

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ADMIN  
Test Date:2026-04-20

V(B) Range:-180 - 180DEG  
V(B) Interval: 0.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.352  
Humidity:65.0%  
Test Distance:13.563m [K=1.0000]  
Remarks:

## LUMINAIRE PHOTOMETRIC TEST REPORT

|                                                                                |                          |                  |
|--------------------------------------------------------------------------------|--------------------------|------------------|
| Test:U:12.11V I:0.4489A P:3.516W PF:0.6464 Freq:59.97Hz Lamp Flux:148.274x1 lm |                          |                  |
| NAME: LED LANDSCAPE LIGHT                                                      | TYPE:Aluminum Wall Light | WEIGHT:          |
| SPEC.:3.5W GREEN                                                               | DIM.:                    | SERIAL No.:1     |
| MFR.: Lumien Enterprise,Inc.                                                   | SUR.:                    | Shielding Angle: |



| DATA OF LAMP      |              | Eff:42.17lm/W    |          |
|-------------------|--------------|------------------|----------|
| MODEL             | W9A6-3.5W-BK | Imax (cd)        | 59.98    |
| NOMINAL POWER (W) | 3.5          | AVAILABILITY (%) | 97.3     |
| RATED VOLTAGE (V) | 12           | Avai. FLUX (lm)  | 144.3    |
| NOMINAL FLUX (lm) | 148.274      | LOR (%)          | 100.0    |
| LAMPS INSIDE      | 1            | TOTAL FLUX (lm)  | 148.3    |
| TEST VOLTAGE (V)  | 12           | θ @50% (H,V)     | 99,98DEG |

| VERTICAL (DEG)   | AREA FLUX DIAGRAM |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | UNIT:lm |      | Φ t  | Φ a  |
|------------------|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------|------|------|------|
|                  | 0.00              | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.01 | 0.00 | 0.00    | 0.00 | 0.25 | 0.00 |
| 90               | 0.00              | 0.00 | 0.01 | 0.04 | 0.08 | 0.12 | 0.16 | 0.18 | 0.19 | 0.20 | 0.19 | 0.17 | 0.14 | 0.10 | 0.05 | 0.02 | 0.00    | 0.00 | 1.66 | 0.88 |
| 80               | 0.00              | 0.01 | 0.04 | 0.10 | 0.19 | 0.28 | 0.35 | 0.39 | 0.43 | 0.44 | 0.41 | 0.37 | 0.30 | 0.21 | 0.11 | 0.05 | 0.01    | 0.00 | 3.67 | 3.48 |
| 70               | 0.00              | 0.02 | 0.07 | 0.17 | 0.31 | 0.45 | 0.57 | 0.66 | 0.72 | 0.73 | 0.68 | 0.60 | 0.48 | 0.33 | 0.18 | 0.08 | 0.02    | 0.00 | 6.07 | 5.96 |
| 60               | 0.00              | 0.03 | 0.10 | 0.23 | 0.43 | 0.64 | 0.82 | 0.95 | 1.04 | 1.06 | 0.99 | 0.88 | 0.69 | 0.46 | 0.25 | 0.11 | 0.03    | 0.00 | 8.71 | 8.63 |
| 50               | 0.00              | 0.03 | 0.13 | 0.29 | 0.54 | 0.82 | 1.07 | 1.24 | 1.35 | 1.37 | 1.30 | 1.14 | 0.88 | 0.58 | 0.32 | 0.14 | 0.04    | 0.00 | 11.3 | 11.2 |
| 40               | 0.00              | 0.04 | 0.15 | 0.34 | 0.63 | 0.96 | 1.27 | 1.48 | 1.59 | 1.62 | 1.55 | 1.35 | 1.04 | 0.69 | 0.38 | 0.16 | 0.05    | 0.00 | 13.3 | 13.2 |
| 30               | 0.00              | 0.05 | 0.16 | 0.38 | 0.69 | 1.05 | 1.39 | 1.62 | 1.74 | 1.76 | 1.69 | 1.48 | 1.14 | 0.76 | 0.41 | 0.18 | 0.05    | 0.00 | 14.5 | 14.5 |
| 20               | 0.00              | 0.05 | 0.17 | 0.40 | 0.72 | 1.09 | 1.43 | 1.66 | 1.77 | 1.81 | 1.73 | 1.53 | 1.18 | 0.79 | 0.44 | 0.18 | 0.05    | 0.00 | 15.0 | 15.0 |
| 10               | 0.00              | 0.05 | 0.17 | 0.40 | 0.72 | 1.09 | 1.43 | 1.66 | 1.77 | 1.81 | 1.73 | 1.53 | 1.19 | 0.79 | 0.44 | 0.18 | 0.05    | 0.00 | 15.0 | 15.0 |
| 0                | 0.00              | 0.05 | 0.16 | 0.38 | 0.69 | 1.05 | 1.39 | 1.62 | 1.72 | 1.75 | 1.68 | 1.47 | 1.13 | 0.75 | 0.41 | 0.18 | 0.05    | 0.00 | 14.5 | 14.4 |
| -10              | 0.00              | 0.04 | 0.15 | 0.34 | 0.62 | 0.95 | 1.26 | 1.47 | 1.57 | 1.59 | 1.52 | 1.34 | 1.02 | 0.67 | 0.37 | 0.16 | 0.04    | 0.00 | 13.1 | 13.1 |
| -20              | 0.00              | 0.03 | 0.13 | 0.29 | 0.53 | 0.81 | 1.05 | 1.22 | 1.32 | 1.34 | 1.27 | 1.12 | 0.86 | 0.57 | 0.31 | 0.13 | 0.04    | 0.00 | 11.0 | 11.0 |
| -30              | 0.00              | 0.03 | 0.10 | 0.23 | 0.42 | 0.63 | 0.80 | 0.92 | 1.01 | 1.02 | 0.96 | 0.85 | 0.67 | 0.45 | 0.25 | 0.11 | 0.03    | 0.00 | 8.47 | 8.39 |
| -40              | 0.00              | 0.02 | 0.07 | 0.17 | 0.30 | 0.44 | 0.55 | 0.62 | 0.68 | 0.69 | 0.65 | 0.58 | 0.47 | 0.32 | 0.18 | 0.08 | 0.02    | 0.00 | 5.82 | 5.71 |
| -50              | 0.00              | 0.01 | 0.04 | 0.10 | 0.18 | 0.27 | 0.32 | 0.36 | 0.39 | 0.39 | 0.38 | 0.34 | 0.28 | 0.20 | 0.11 | 0.05 | 0.01    | 0.00 | 3.42 | 3.21 |
| -60              | 0.00              | 0.00 | 0.01 | 0.04 | 0.08 | 0.11 | 0.14 | 0.15 | 0.16 | 0.17 | 0.16 | 0.15 | 0.12 | 0.09 | 0.05 | 0.02 | 0.00    | 0.00 | 1.46 | 0.59 |
| -70              | 0.00              | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00    | 0.00 | 0.20 | 0.00 |
| -80              | 0.00              | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00    | 0.00 | 0.20 | 0.00 |
| -90              | 0.00              | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00    | 0.00 | 0.20 | 0.00 |
| HORIZONTAL (DEG) |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |      |      |
| Φ t              | 0.03              | 0.45 | 1.66 | 3.93 | 7.15 | 10.8 | 14.1 | 16.3 | 17.5 | 17.8 | 17.0 | 14.9 | 11.6 | 7.77 | 4.28 | 1.81 | 0.50    | 0.04 | 148  | ---  |
| Φ a              | 0.00              | 0.17 | 1.45 | 3.74 | 6.97 | 10.6 | 13.9 | 16.1 | 17.3 | 17.6 | 16.8 | 14.8 | 11.5 | 7.59 | 4.09 | 1.60 | 0.22    | 0.00 | ---  | 144  |

one-half-peak spread: U:49.9,D:46.0 , L:52.8,R:39.8

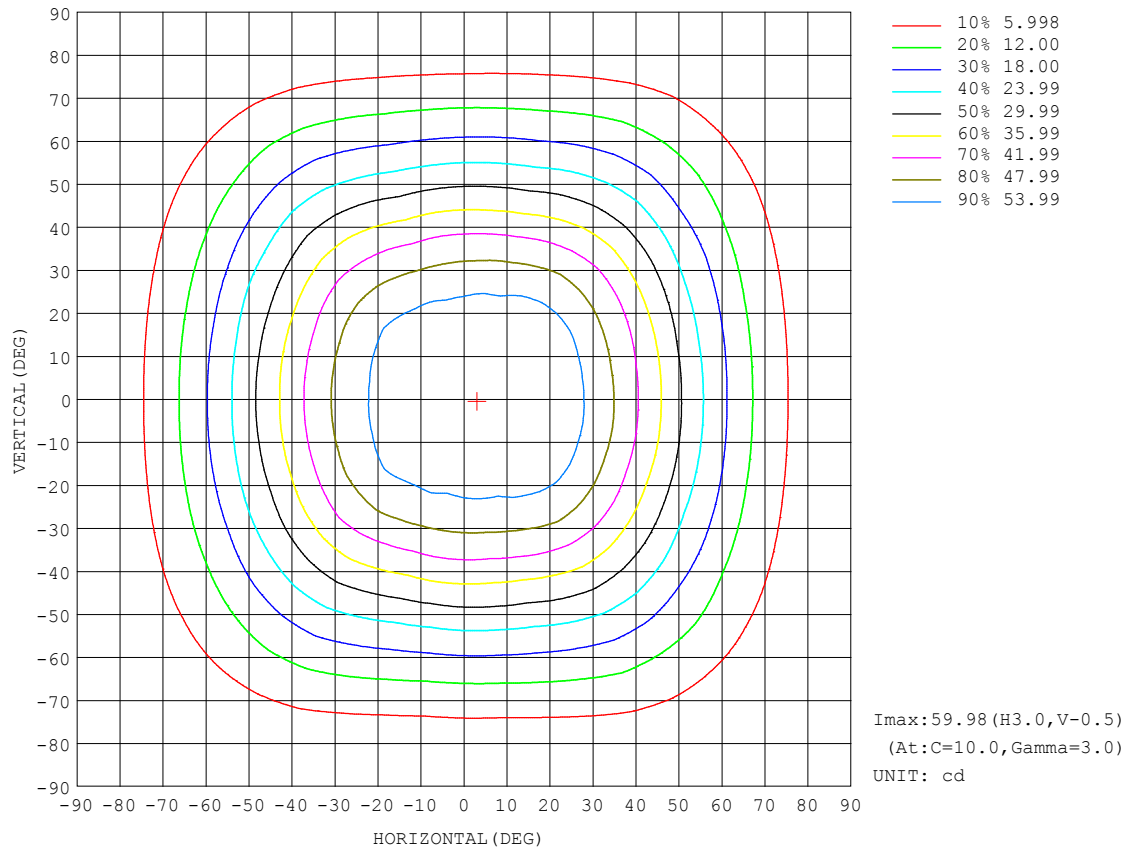
NEMA Beam Type: Type 7

H(β) Range:-90 - 90DEG  
H(β) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ADMIN  
Test Date:2026-04-20

V(B) Range:-180 - 180DEG  
V(B) Interval: 0.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.352  
Humidity:65.0%  
Test Distance:13.563m [K=1.0000]  
Remarks:

# ISOCANDELA DIAGRAM

|                                                                                |                          |                  |
|--------------------------------------------------------------------------------|--------------------------|------------------|
| Test:U:12.11V I:0.4489A P:3.516W PF:0.6464 Freq:59.97Hz Lamp Flux:148.274x1 lm |                          |                  |
| NAME: LED LANDSCAPE LIGHT                                                      | TYPE:Aluminum Wall Light | WEIGHT:          |
| SPEC.:3.5W GREEN                                                               | DIM.:                    | SERIAL No.:1     |
| MFR.: Lumien Enterprise,Inc.                                                   | SUR.:                    | Shielding Angle: |

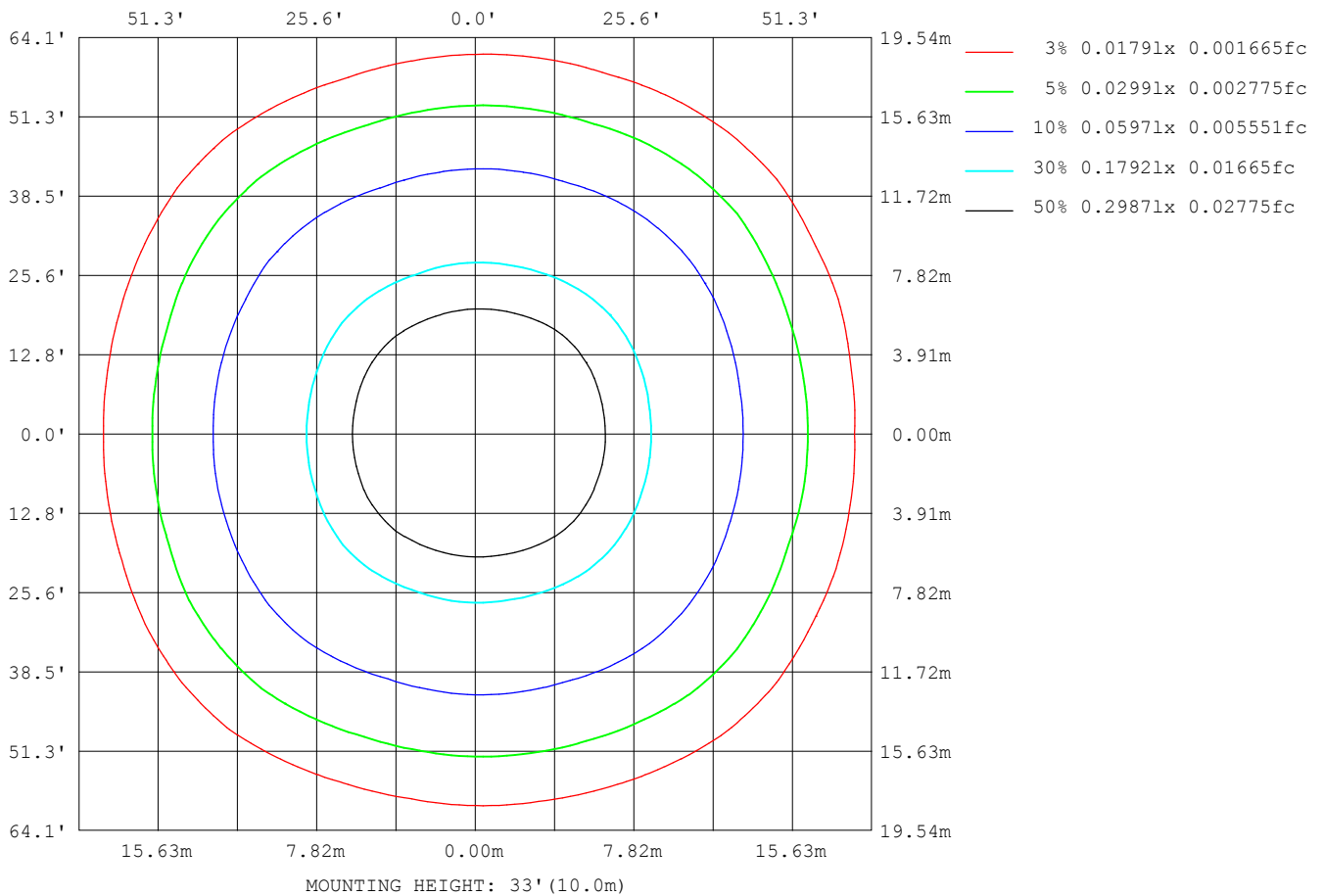


H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ADMIN  
Test Date:2026-04-20

V(B) Range:-180 - 180DEG  
V(B) Interval: 0.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.352  
Humidity:65.0%  
Test Distance:13.563m [K=1.0000]  
Remarks:

**ISOLUX DIAGRAM**

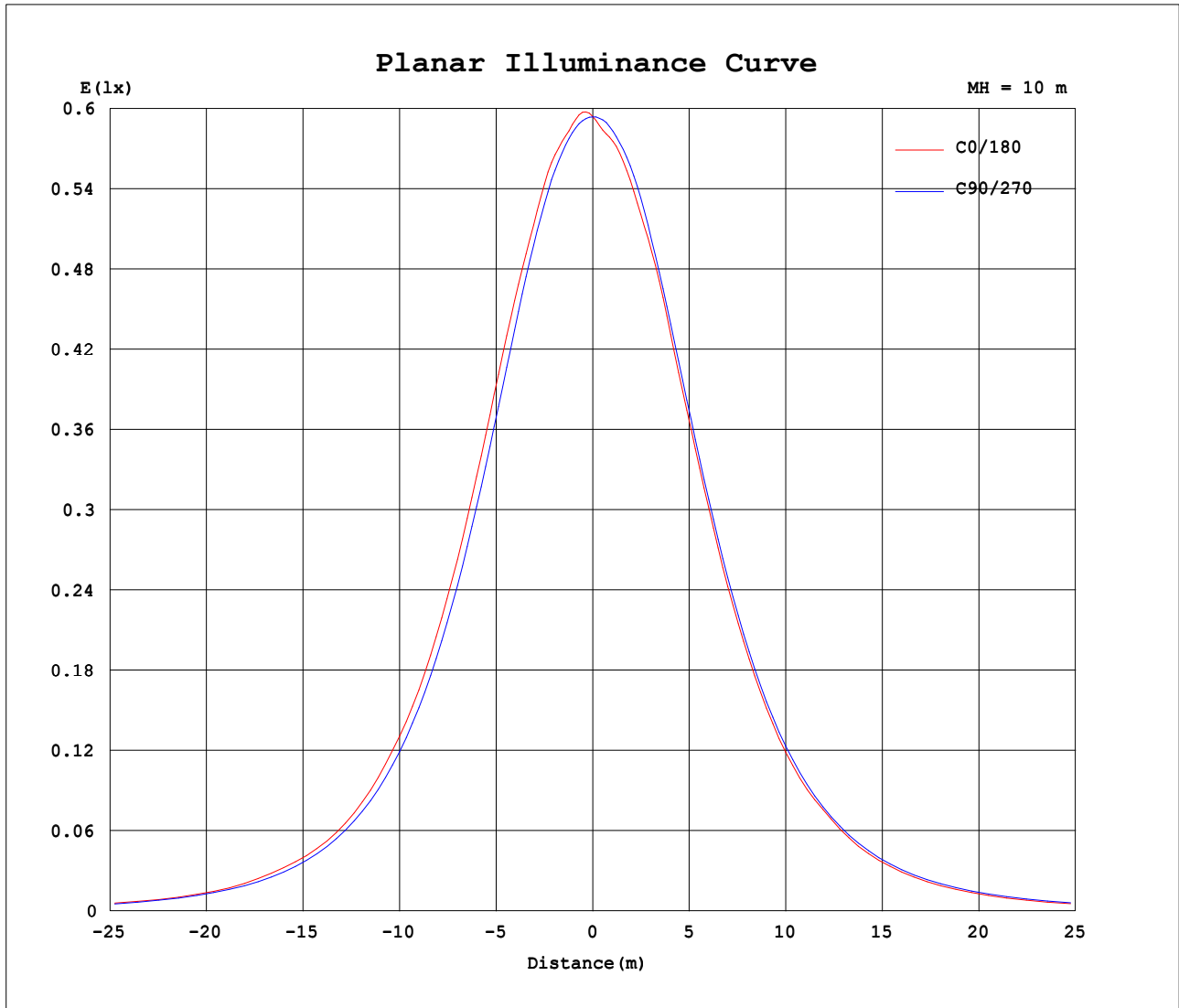
|                                                                                |                          |                  |
|--------------------------------------------------------------------------------|--------------------------|------------------|
| Test:U:12.11V I:0.4489A P:3.516W PF:0.6464 Freq:59.97Hz Lamp Flux:148.274x1 lm |                          |                  |
| NAME: LED LANDSCAPE LIGHT                                                      | TYPE:Aluminum Wall Light | WEIGHT:          |
| SPEC.:3.5W GREEN                                                               | DIM.:                    | SERIAL No.:1     |
| MFR.: Lumien Enterprise,Inc.                                                   | SUR.:                    | Shielding Angle: |



H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ADMIN  
Test Date:2026-04-20

V(B) Range:-180 - 180DEG  
V(B) Interval: 0.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.352  
Humidity:65.0%  
Test Distance:13.563m [K=1.0000]  
Remarks:

## Planar Illuminance Curve

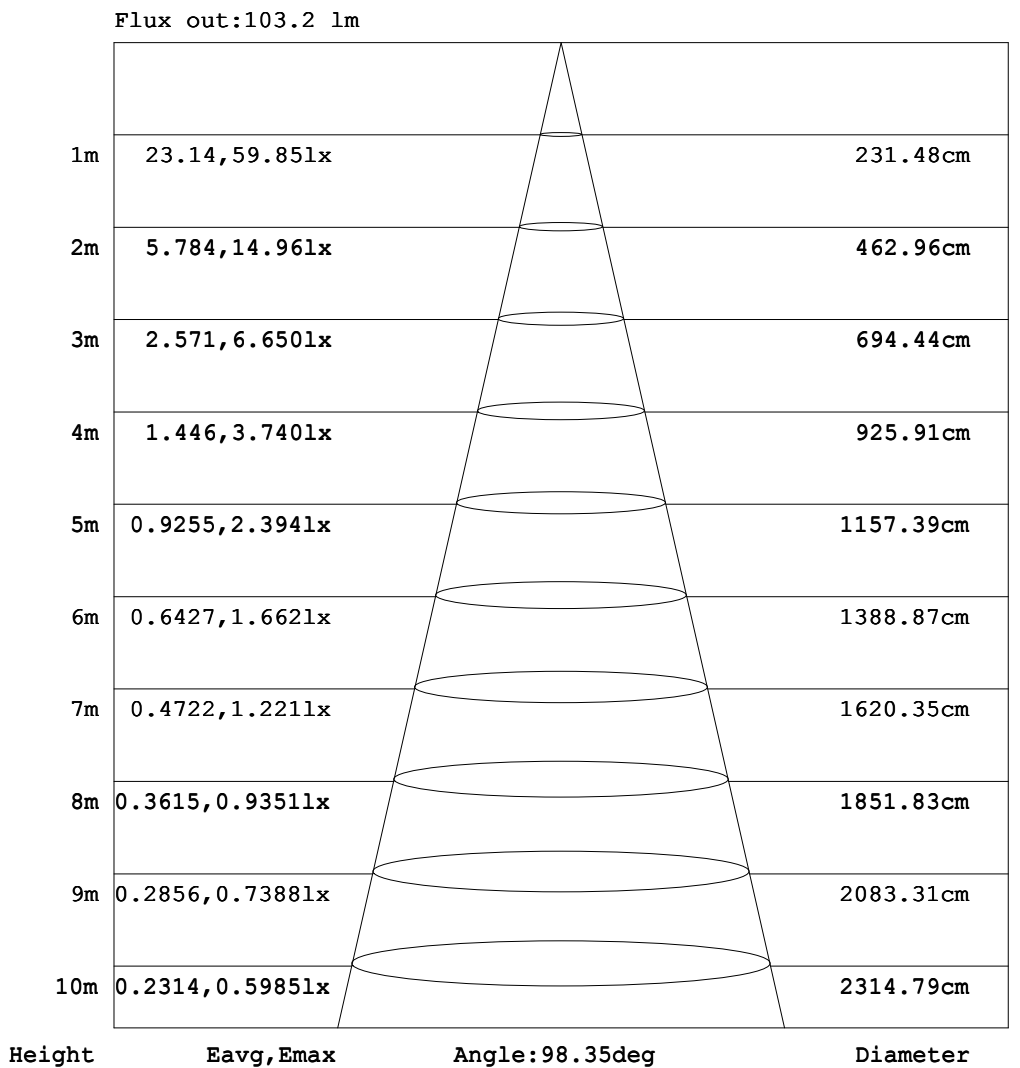


H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ADMIN  
Test Date:2026-04-20

V(B) Range:-180 - 180DEG  
V(B) Interval: 0.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.352  
Humidity:65.0%  
Test Distance:13.563m [K=1.0000]  
Remarks:

**AAI Figure**

|                                                                                |                          |                  |
|--------------------------------------------------------------------------------|--------------------------|------------------|
| Test:U:12.11V I:0.4489A P:3.516W PF:0.6464 Freq:59.97Hz Lamp Flux:148.274x1 lm |                          |                  |
| NAME: LED LANDSCAPE LIGHT                                                      | TYPE:Aluminum Wall Light | WEIGHT:          |
| SPEC.:3.5W GREEN                                                               | DIM.:                    | SERIAL No.:1     |
| MFR.: Lumien Enterprise,Inc.                                                   | SUR.:                    | Shielding Angle: |



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 0.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:ADMIN  
 Test Date:2026-04-20

V(B) Range:-180 - 180DEG  
 V(B) Interval: 0.5DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.352  
 Humidity:65.0%  
 Test Distance:13.563m [K=1.0000]  
 Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                |                          |                  |
|--------------------------------------------------------------------------------|--------------------------|------------------|
| Test:U:12.11V I:0.4489A P:3.516W PF:0.6464 Freq:59.97Hz Lamp Flux:148.274x1 lm |                          |                  |
| NAME: LED LANDSCAPE LIGHT                                                      | TYPE:Aluminum Wall Light | WEIGHT:          |
| SPEC.:3.5W GREEN                                                               | DIM.:                    | SERIAL No.:1     |
| MFR.: Lumien Enterprise,Inc.                                                   | SUR.:                    | Shielding Angle: |

Table--1

UNIT: cd

| H (DEG)<br>V (DEG) | -90  | -85  | -80  | -75  | -70  | -65  | -60  | -55  | -50  | -45  | -40  | -35  | -30  | -25  | -20  | -15  | -10  | -5   | 0    |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| -180               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.12 | 0.16 | 0.22 | 0.28 | 0.33 | 0.36 | 0.39 | 0.44 | 0.47 | 0.47 | 0.46 |
| -170               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.05 | 0.11 | 0.18 | 0.25 | 0.30 | 0.34 | 0.33 | 0.36 | 0.43 | 0.45 | 0.46 | 0.45 | 0.46 |
| -160               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.11 | 0.15 | 0.18 | 0.27 | 0.30 | 0.35 | 0.34 | 0.35 | 0.39 | 0.42 | 0.44 | 0.44 |
| -150               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.04 | 0.13 | 0.17 | 0.21 | 0.25 | 0.28 | 0.31 | 0.33 | 0.33 | 0.35 | 0.33 | 0.37 |
| -140               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.07 | 0.12 | 0.14 | 0.16 | 0.21 | 0.22 | 0.26 | 0.28 | 0.29 | 0.30 | 0.30 |
| -130               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.02 | 0.04 | 0.10 | 0.13 | 0.14 | 0.15 | 0.17 | 0.16 | 0.16 | 0.19 |
| -120               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.01 | 0.01 | 0.04 | 0.05 | 0.02 | 0.04 | 0.07 |
| -110               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -100               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -90                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -80                | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.29 | 0.55 | 0.90 | 1.28 | 1.59 | 1.92 | 2.10 | 2.22 | 2.31 | 2.37 | 2.46 | 2.52 | 2.58 | 2.60 |
| -70                | 0.00 | 0.00 | 0.05 | 0.52 | 1.21 | 1.99 | 2.87 | 3.85 | 4.87 | 5.88 | 6.79 | 7.41 | 7.82 | 8.12 | 8.28 | 8.40 | 8.45 | 8.65 | 8.75 |
| -60                | 0.00 | 0.00 | 0.46 | 1.51 | 2.73 | 4.14 | 5.75 | 7.51 | 9.32 | 11.2 | 12.8 | 14.2 | 15.0 | 15.7 | 16.2 | 16.6 | 16.9 | 17.3 | 17.6 |
| -50                | 0.00 | 0.02 | 1.04 | 2.56 | 4.37 | 6.36 | 8.70 | 11.3 | 14.0 | 16.8 | 19.3 | 21.5 | 23.2 | 24.4 | 25.4 | 26.1 | 27.0 | 27.7 | 28.2 |
| -40                | 0.00 | 0.08 | 1.58 | 3.61 | 5.93 | 8.53 | 11.5 | 14.9 | 18.6 | 22.3 | 25.7 | 29.0 | 31.8 | 33.9 | 35.4 | 36.6 | 37.8 | 38.8 | 39.2 |
| -30                | 0.00 | 0.21 | 2.05 | 4.47 | 7.27 | 10.4 | 14.0 | 18.0 | 22.5 | 27.0 | 31.4 | 35.6 | 39.5 | 42.5 | 44.7 | 46.3 | 47.5 | 48.3 | 48.9 |
| -20                | 0.00 | 0.33 | 2.42 | 5.14 | 8.29 | 11.9 | 16.0 | 20.7 | 25.9 | 30.5 | 35.5 | 40.4 | 45.0 | 48.5 | 51.6 | 53.3 | 54.4 | 55.0 | 55.6 |
| -10                | 0.00 | 0.40 | 2.64 | 5.55 | 8.92 | 12.7 | 17.3 | 22.3 | 28.0 | 32.8 | 38.2 | 43.2 | 47.8 | 51.4 | 54.5 | 56.2 | 57.4 | 57.9 | 58.7 |
| 0                  | 0.00 | 0.42 | 2.71 | 5.67 | 9.09 | 13.0 | 17.7 | 22.8 | 28.7 | 33.6 | 39.1 | 44.1 | 48.7 | 52.2 | 55.3 | 56.8 | 58.0 | 58.5 | 59.4 |
| 10                 | 0.00 | 0.40 | 2.64 | 5.54 | 8.90 | 12.7 | 17.3 | 22.3 | 28.0 | 32.9 | 38.3 | 43.3 | 47.8 | 51.7 | 54.6 | 56.2 | 57.5 | 58.3 | 59.0 |
| 20                 | 0.00 | 0.33 | 2.41 | 5.12 | 8.25 | 11.8 | 16.0 | 20.7 | 25.9 | 30.5 | 35.6 | 40.6 | 45.1 | 48.8 | 51.9 | 53.7 | 54.6 | 55.6 | 56.1 |
| 30                 | 0.00 | 0.20 | 2.04 | 4.45 | 7.24 | 10.4 | 14.0 | 18.2 | 22.5 | 27.1 | 31.5 | 35.9 | 39.9 | 42.8 | 45.2 | 46.9 | 48.1 | 49.1 | 49.7 |
| 40                 | 0.00 | 0.08 | 1.56 | 3.56 | 5.91 | 8.54 | 11.5 | 14.9 | 18.7 | 22.5 | 26.1 | 29.5 | 32.3 | 34.5 | 36.2 | 37.5 | 38.8 | 39.9 | 40.3 |
| 50                 | 0.00 | 0.02 | 1.01 | 2.54 | 4.38 | 6.40 | 8.74 | 11.3 | 14.1 | 17.0 | 19.7 | 22.0 | 23.8 | 25.3 | 26.4 | 27.1 | 28.2 | 29.0 | 29.4 |
| 60                 | 0.00 | 0.00 | 0.44 | 1.50 | 2.75 | 4.18 | 5.79 | 7.56 | 9.50 | 11.5 | 13.2 | 14.6 | 15.7 | 16.5 | 17.1 | 17.6 | 18.2 | 18.6 | 18.9 |
| 70                 | 0.00 | 0.00 | 0.05 | 0.52 | 1.22 | 2.02 | 2.93 | 3.95 | 5.07 | 6.14 | 7.11 | 7.86 | 8.39 | 8.87 | 9.22 | 9.56 | 9.81 | 10.0 | 10.2 |
| 80                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 0.29 | 0.61 | 0.98 | 1.38 | 1.76 | 2.13 | 2.40 | 2.63 | 2.80 | 2.92 | 2.97 | 2.98 | 3.05 | 3.08 |
| 90                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 100                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 110                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 120                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 130                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 140                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 150                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 160                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 170                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 180                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:ADMIN  
Test Date:2026-04-20

V(B) Range:-180 - 180DEG  
V(B) Interval: 0.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.352  
Humidity:65.0%  
Test Distance:13.563m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                |                          |                  |
|--------------------------------------------------------------------------------|--------------------------|------------------|
| Test:U:12.11V I:0.4489A P:3.516W PF:0.6464 Freq:59.97Hz Lamp Flux:148.274x1 lm |                          |                  |
| NAME: LED LANDSCAPE LIGHT                                                      | TYPE:Aluminum Wall Light | WEIGHT:          |
| SPEC.:3.5W GREEN                                                               | DIM.:                    | SERIAL No.:1     |
| MFR.: Lumien Enterprise,Inc.                                                   | SUR.:                    | Shielding Angle: |

Table--2

UNIT: cd

| H (DEG)<br>V (DEG) | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | 75   | 80   | 85   | 90   |  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| -180               | 0.46 | 0.45 | 0.44 | 0.42 | 0.34 | 0.32 | 0.32 | 0.29 | 0.17 | 0.14 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| -170               | 0.46 | 0.46 | 0.44 | 0.40 | 0.33 | 0.34 | 0.31 | 0.27 | 0.22 | 0.17 | 0.11 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| -160               | 0.44 | 0.41 | 0.39 | 0.33 | 0.32 | 0.32 | 0.28 | 0.21 | 0.14 | 0.13 | 0.07 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| -150               | 0.33 | 0.36 | 0.32 | 0.32 | 0.29 | 0.25 | 0.20 | 0.19 | 0.14 | 0.08 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| -140               | 0.29 | 0.28 | 0.27 | 0.21 | 0.20 | 0.18 | 0.14 | 0.12 | 0.09 | 0.05 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| -130               | 0.17 | 0.16 | 0.16 | 0.14 | 0.13 | 0.11 | 0.08 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| -120               | 0.03 | 0.01 | 0.05 | 0.03 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| -110               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| -100               | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| -90                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| -80                | 2.65 | 2.66 | 2.65 | 2.60 | 2.58 | 2.51 | 2.40 | 2.23 | 1.91 | 1.58 | 1.20 | 0.85 | 0.55 | 0.29 | 0.08 | 0.00 | 0.00 | 0.00 |  |
| -70                | 8.79 | 8.73 | 8.77 | 8.70 | 8.56 | 8.29 | 7.93 | 7.32 | 6.42 | 5.43 | 4.30 | 3.27 | 2.38 | 1.57 | 0.86 | 0.25 | 0.00 | 0.00 |  |
| -60                | 17.6 | 17.5 | 17.2 | 16.9 | 16.4 | 15.7 | 14.9 | 13.4 | 11.8 | 9.97 | 8.06 | 6.23 | 4.58 | 3.13 | 1.89 | 0.81 | 0.07 | 0.00 |  |
| -50                | 28.1 | 27.8 | 27.1 | 26.7 | 25.8 | 24.5 | 22.7 | 20.5 | 17.7 | 15.0 | 12.2 | 9.32 | 6.88 | 4.83 | 2.97 | 1.41 | 0.21 | 0.00 |  |
| -40                | 39.1 | 38.7 | 38.1 | 37.2 | 35.9 | 33.8 | 30.8 | 27.4 | 23.7 | 19.7 | 16.1 | 12.2 | 9.10 | 6.43 | 4.02 | 1.99 | 0.41 | 0.00 |  |
| -30                | 48.8 | 48.6 | 48.1 | 47.1 | 45.0 | 42.0 | 38.1 | 33.6 | 29.0 | 24.0 | 19.5 | 15.1 | 11.1 | 7.81 | 4.95 | 2.49 | 0.59 | 0.00 |  |
| -20                | 55.7 | 55.5 | 55.3 | 54.1 | 51.8 | 48.1 | 43.6 | 38.4 | 33.2 | 27.6 | 22.4 | 17.4 | 12.6 | 8.88 | 5.66 | 2.87 | 0.72 | 0.00 |  |
| -10                | 59.2 | 59.0 | 58.5 | 57.1 | 55.0 | 51.4 | 46.9 | 41.6 | 36.1 | 30.0 | 24.1 | 19.0 | 13.6 | 9.54 | 6.10 | 3.11 | 0.81 | 0.00 |  |
| 0                  | 59.9 | 59.7 | 59.3 | 57.9 | 55.9 | 52.4 | 47.9 | 42.6 | 37.0 | 30.8 | 24.7 | 19.5 | 13.9 | 9.76 | 6.25 | 3.19 | 0.83 | 0.00 |  |
| 10                 | 59.3 | 59.3 | 58.9 | 57.3 | 55.0 | 51.4 | 46.9 | 41.8 | 36.2 | 30.0 | 24.1 | 19.0 | 13.6 | 9.56 | 6.12 | 3.12 | 0.81 | 0.00 |  |
| 20                 | 56.3 | 56.3 | 55.9 | 54.6 | 52.1 | 48.4 | 44.3 | 39.1 | 33.7 | 27.8 | 22.5 | 17.5 | 12.6 | 8.92 | 5.69 | 2.89 | 0.73 | 0.00 |  |
| 30                 | 49.8 | 49.6 | 49.1 | 47.9 | 45.8 | 42.9 | 39.1 | 34.4 | 29.6 | 24.4 | 19.9 | 15.4 | 11.2 | 7.87 | 4.99 | 2.51 | 0.59 | 0.00 |  |
| 40                 | 40.3 | 40.0 | 39.3 | 38.4 | 36.8 | 34.6 | 31.7 | 28.2 | 24.2 | 20.1 | 16.5 | 12.6 | 9.28 | 6.52 | 4.06 | 2.02 | 0.42 | 0.00 |  |
| 50                 | 29.4 | 29.1 | 28.3 | 27.8 | 26.8 | 25.4 | 23.5 | 21.2 | 18.4 | 15.4 | 12.5 | 9.59 | 7.08 | 4.93 | 3.02 | 1.44 | 0.23 | 0.00 |  |
| 60                 | 18.9 | 18.7 | 18.3 | 17.9 | 17.4 | 16.6 | 15.6 | 14.1 | 12.4 | 10.4 | 8.37 | 6.45 | 4.75 | 3.23 | 1.94 | 0.83 | 0.08 | 0.00 |  |
| 70                 | 10.2 | 10.1 | 9.96 | 9.70 | 9.44 | 9.08 | 8.55 | 7.81 | 6.83 | 5.79 | 4.57 | 3.43 | 2.47 | 1.63 | 0.88 | 0.28 | 0.00 | 0.00 |  |
| 80                 | 3.14 | 3.15 | 3.21 | 3.21 | 3.12 | 2.98 | 2.77 | 2.52 | 2.17 | 1.78 | 1.34 | 0.96 | 0.60 | 0.29 | 0.09 | 0.00 | 0.00 | 0.00 |  |
| 90                 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| 100                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| 110                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| 120                | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| 130                | 0.07 | 0.07 | 0.02 | 0.03 | 0.04 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| 140                | 0.18 | 0.16 | 0.15 | 0.14 | 0.12 | 0.06 | 0.05 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| 150                | 0.29 | 0.28 | 0.25 | 0.20 | 0.17 | 0.16 | 0.13 | 0.05 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| 160                | 0.36 | 0.34 | 0.31 | 0.30 | 0.27 | 0.17 | 0.17 | 0.15 | 0.10 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| 170                | 0.45 | 0.41 | 0.35 | 0.34 | 0.32 | 0.28 | 0.19 | 0.14 | 0.13 | 0.04 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |
| 180                | 0.46 | 0.45 | 0.44 | 0.42 | 0.34 | 0.32 | 0.32 | 0.29 | 0.17 | 0.14 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  |

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