

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

| | |
|------------------------------------|------------------------|
| Maximum Intensity | 228.4 cd per klm. |
| (Luminaire orientation as tested.) | 0.0 degrees vertical |
| | 0.0 degrees horizontal |

| | | |
|-------------|----------------|-----------------|
| Beam Spread | At 10% of Imax | 227.1V x 180.0H |
| | At 50% of Imax | 135.7V x 137.2H |
| | At 90% of Imax | 54.8V x 57.7H |

| | | |
|-----------|----------------|------------------------|
| Beam Flux | Total | 1000.0 lumens per klm. |
| | To 10% of Imax | 980.4 lumens per klm. |
| | To 50% of Imax | 654.6 lumens per klm. |
| | To 90% of Imax | 131.5 lumens per klm. |

| | |
|--------------|--------|
| Upward LOR | 13.2 % |
| Downward LOR | 86.8 % |

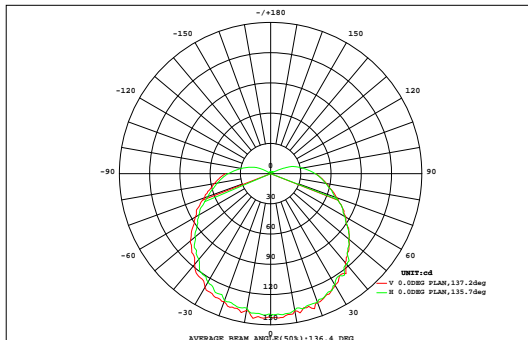
| | |
|--|---------|
| Luminaire Efficiency(Light Output Ratio) | 100.0 % |
|--|---------|

H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:30DEG
Operators:Matthew
Test Date:2018-12-26

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:11.510m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|--|----------------|-------------------|
| Test:U:0V I:0A P:0W PF:1.000 Lamp Flux:633.25x1 lm | | |
| NAME: L1433/A-WT-12-All-Dome | TYPE:PROJECTOR | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.:1 |
| MFR.: | SUR.: | PROTECTION ANGLE: |



| DATA OF LAMP | | PHOTOMETRIC DATA | |
|------------------|--------|------------------|------------|
| MODEL | CREE | Imax(cd) | 144.6 |
| NOMINAL POWER(W) | 20 | AVAILABILITY(%) | 97.9 |
| RATED VOLTAGE(V) | AC 220 | Avai. FLUX(lm) | 620.2 |
| NOMINAL FLUX(lm) | 633.25 | LOR(%) | 100.0 |
| LAMPS INSIDE | 1 | TOTAL FLUX(lm) | 633.2 |
| TEST VOLTAGE(V) | AC 220 | θ @50%(H,V) | 137,136DEG |

| VERTICAL(DEG) | AREA FLUX DIAGRAM | | | | | | | | | | | | | | | | UNIT:lm | | Φ t | Φ a |
|-------------------|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------|------|------|------|
| | 0.12 | 0.36 | 0.60 | 0.83 | 1.04 | 1.21 | 1.35 | 1.46 | 1.51 | 1.51 | 1.46 | 1.36 | 1.22 | 1.04 | 0.83 | 0.60 | 0.36 | 0.12 | 17.0 | 17.0 |
| 90 | 0.12 | 0.39 | 0.66 | 0.94 | 1.21 | 1.45 | 1.65 | 1.79 | 1.87 | 1.87 | 1.80 | 1.66 | 1.46 | 1.21 | 0.94 | 0.66 | 0.38 | 0.12 | 20.2 | 20.2 |
| 80 | 0.13 | 0.41 | 0.72 | 1.06 | 1.41 | 1.74 | 2.02 | 2.23 | 2.34 | 2.34 | 2.24 | 2.03 | 1.75 | 1.41 | 1.06 | 0.72 | 0.41 | 0.13 | 24.1 | 24.1 |
| 70 | 0.13 | 0.43 | 0.79 | 1.20 | 1.63 | 2.04 | 2.42 | 2.69 | 2.82 | 2.82 | 2.68 | 2.42 | 2.04 | 1.62 | 1.19 | 0.78 | 0.43 | 0.13 | 28.2 | 28.2 |
| 60 | 0.13 | 0.45 | 0.86 | 1.33 | 1.84 | 2.34 | 2.77 | 3.11 | 3.29 | 3.29 | 3.11 | 2.78 | 2.35 | 1.82 | 1.31 | 0.85 | 0.45 | 0.13 | 32.2 | 32.2 |
| 50 | 0.14 | 0.47 | 0.91 | 1.44 | 2.03 | 2.59 | 3.13 | 3.51 | 3.69 | 3.69 | 3.50 | 3.12 | 2.59 | 2.01 | 1.42 | 0.90 | 0.47 | 0.13 | 35.8 | 35.8 |
| 40 | 0.14 | 0.49 | 0.96 | 1.55 | 2.18 | 2.85 | 3.38 | 3.77 | 3.98 | 3.95 | 3.74 | 3.37 | 2.80 | 2.15 | 1.52 | 0.95 | 0.48 | 0.14 | 38.4 | 38.4 |
| 30 | 0.14 | 0.50 | 1.00 | 1.61 | 2.30 | 3.00 | 3.56 | 3.97 | 4.15 | 4.12 | 3.90 | 3.48 | 2.95 | 2.26 | 1.59 | 0.98 | 0.49 | 0.14 | 40.1 | 40.1 |
| 20 | 0.14 | 0.50 | 1.02 | 1.65 | 2.36 | 3.07 | 3.64 | 4.06 | 4.25 | 4.19 | 4.00 | 3.60 | 3.04 | 2.33 | 1.63 | 1.00 | 0.50 | 0.14 | 41.1 | 41.1 |
| 10 | 0.14 | 0.50 | 1.01 | 1.65 | 2.34 | 3.05 | 3.60 | 3.96 | 4.18 | 4.24 | 4.02 | 3.62 | 3.05 | 2.33 | 1.63 | 1.00 | 0.50 | 0.14 | 41.0 | 41.0 |
| 0 | 0.14 | 0.50 | 0.99 | 1.60 | 2.26 | 2.92 | 3.44 | 3.84 | 4.07 | 4.09 | 3.90 | 3.50 | 2.96 | 2.27 | 1.59 | 0.98 | 0.49 | 0.14 | 39.7 | 39.7 |
| -10 | 0.14 | 0.48 | 0.95 | 1.52 | 2.14 | 2.74 | 3.31 | 3.67 | 3.88 | 3.88 | 3.69 | 3.33 | 2.78 | 2.14 | 1.52 | 0.95 | 0.48 | 0.14 | 37.7 | 37.7 |
| -20 | 0.14 | 0.47 | 0.90 | 1.42 | 1.99 | 2.55 | 3.02 | 3.42 | 3.60 | 3.59 | 3.42 | 3.02 | 2.54 | 1.99 | 1.42 | 0.90 | 0.47 | 0.13 | 35.0 | 35.0 |
| -30 | 0.13 | 0.45 | 0.84 | 1.30 | 1.80 | 2.30 | 2.72 | 3.02 | 3.19 | 3.18 | 3.01 | 2.71 | 2.29 | 1.79 | 1.31 | 0.85 | 0.45 | 0.13 | 31.5 | 31.5 |
| -40 | 0.13 | 0.43 | 0.78 | 1.18 | 1.60 | 1.99 | 2.35 | 2.61 | 2.72 | 2.72 | 2.61 | 2.34 | 1.98 | 1.59 | 1.18 | 0.78 | 0.43 | 0.13 | 27.6 | 27.6 |
| -50 | 0.13 | 0.41 | 0.72 | 1.05 | 1.39 | 1.71 | 1.98 | 2.17 | 2.26 | 2.26 | 2.16 | 1.96 | 1.69 | 1.38 | 1.05 | 0.72 | 0.41 | 0.13 | 23.5 | 23.5 |
| -60 | 0.12 | 0.38 | 0.65 | 0.93 | 1.19 | 1.43 | 1.62 | 1.76 | 1.82 | 1.81 | 1.74 | 1.61 | 1.42 | 1.18 | 0.93 | 0.66 | 0.38 | 0.12 | 19.8 | 19.8 |
| -70 | 0.12 | 0.36 | 0.59 | 0.81 | 1.02 | 1.19 | 1.33 | 1.42 | 1.46 | 1.45 | 1.41 | 1.32 | 1.18 | 1.01 | 0.81 | 0.59 | 0.36 | 0.12 | 16.6 | 16.6 |
| -80 | 0.12 | 0.36 | 0.59 | 0.81 | 1.02 | 1.19 | 1.33 | 1.42 | 1.46 | 1.45 | 1.41 | 1.32 | 1.18 | 1.01 | 0.81 | 0.59 | 0.36 | 0.12 | 16.6 | 16.6 |
| -90 | 0.12 | 0.36 | 0.59 | 0.81 | 1.02 | 1.19 | 1.33 | 1.42 | 1.46 | 1.45 | 1.41 | 1.32 | 1.18 | 1.01 | 0.81 | 0.59 | 0.36 | 0.12 | 16.6 | 16.6 |
| HORIZONTAL(DEG) | | | | | | | | | | | | | | | | | | | | |
| Φ t | 2.37 | 7.97 | 15.0 | 23.1 | 31.7 | 40.2 | 47.3 | 52.5 | 55.1 | 55.0 | 52.4 | 47.2 | 40.1 | 31.6 | 22.9 | 14.9 | 7.92 | 2.36 | 549 | --- |
| Φ a | 2.37 | 7.97 | 15.0 | 23.1 | 31.7 | 40.2 | 47.3 | 52.5 | 55.1 | 55.0 | 52.4 | 47.2 | 40.1 | 31.6 | 22.9 | 14.9 | 7.92 | 2.36 | --- | 549 |

one-half-peak spread: U:31.4,D:29.1 , L:41.1,R:32.0

NEMA Beam Type: Type 7

H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:30DEG
Operators:Matthew
Test Date:2018-12-26

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:11.510m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

| | | |
|--|----------------|-------------------|
| Test:U:0V I:0A P:0W PF:1.000 Lamp Flux:633.25x1 lm | | |
| NAME: L1433/A-WT-12-All-Dome | TYPE:PROJECTOR | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.:1 |
| MFR.: | SUR.: | PROTECTION ANGLE: |

Conical surface Flux(90deg):

229.48 lm

%lum = 36.2%

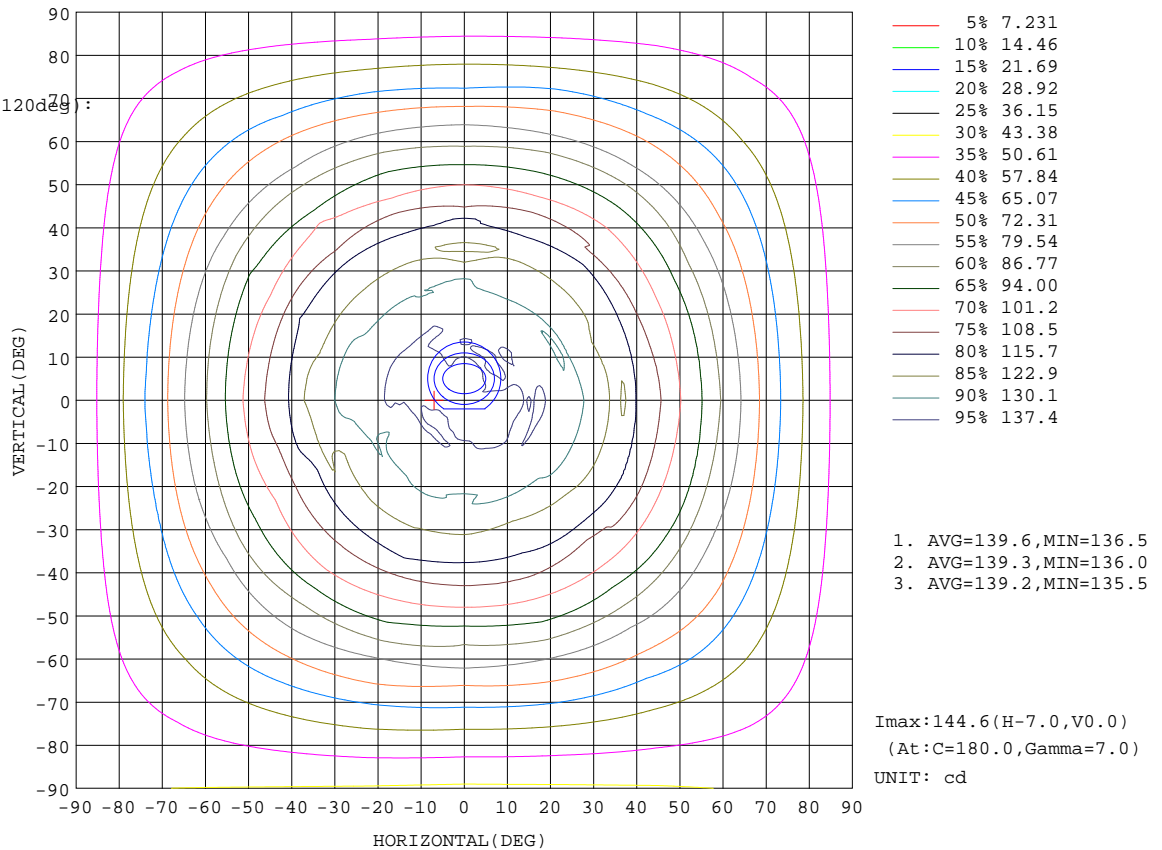
%lamp = 36.2%

Conical surface Flux(120deg):

354.31 lm

%lum = 55.9%

%lamp = 56.0%

H(β) Range:-90 - 90DEGH(β) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-12-26

V(B) Range:-180 - 180DEG

V(B) Interval: 0.5DEG

Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.290

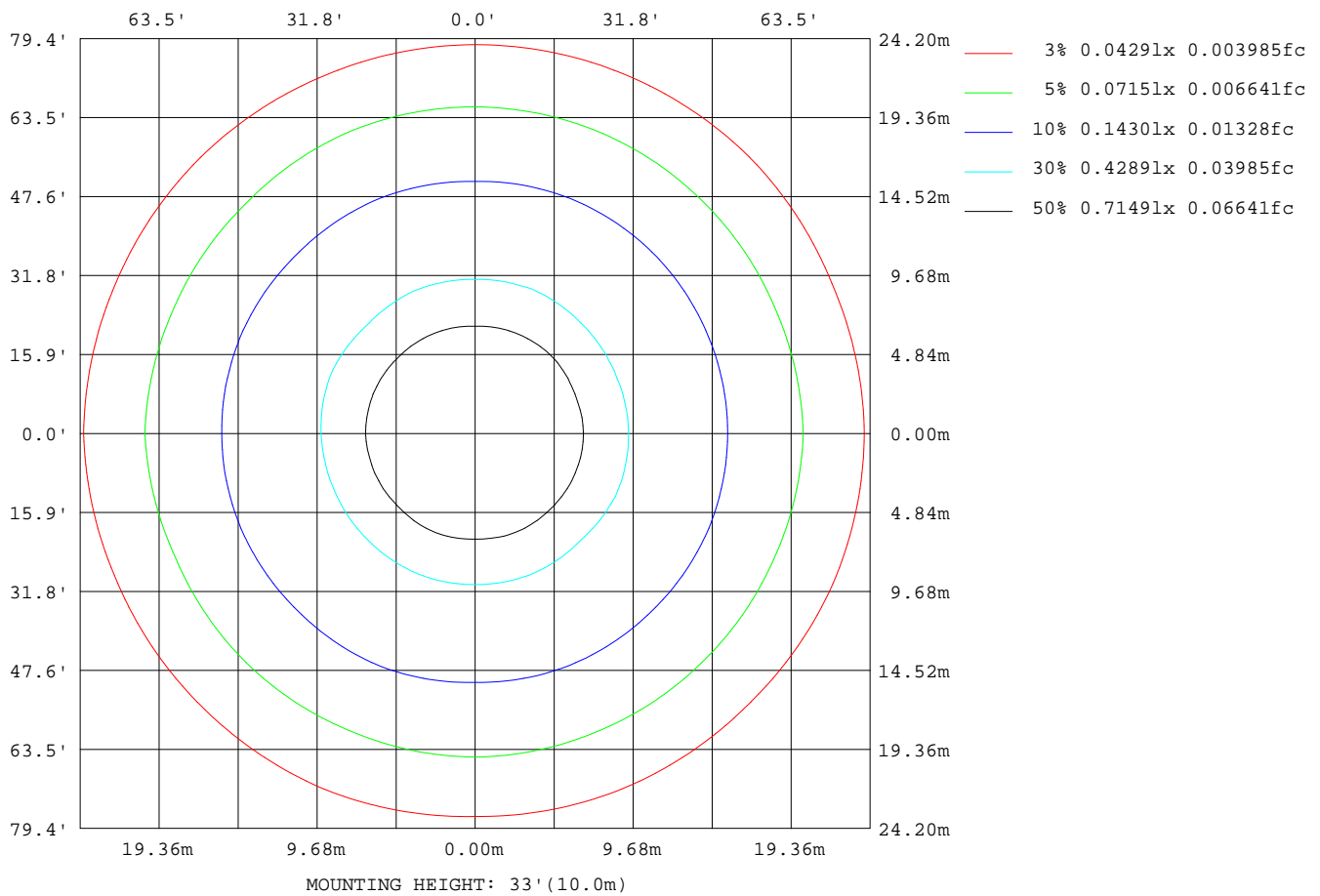
Humidity:65.0%

Test Distance:11.510m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

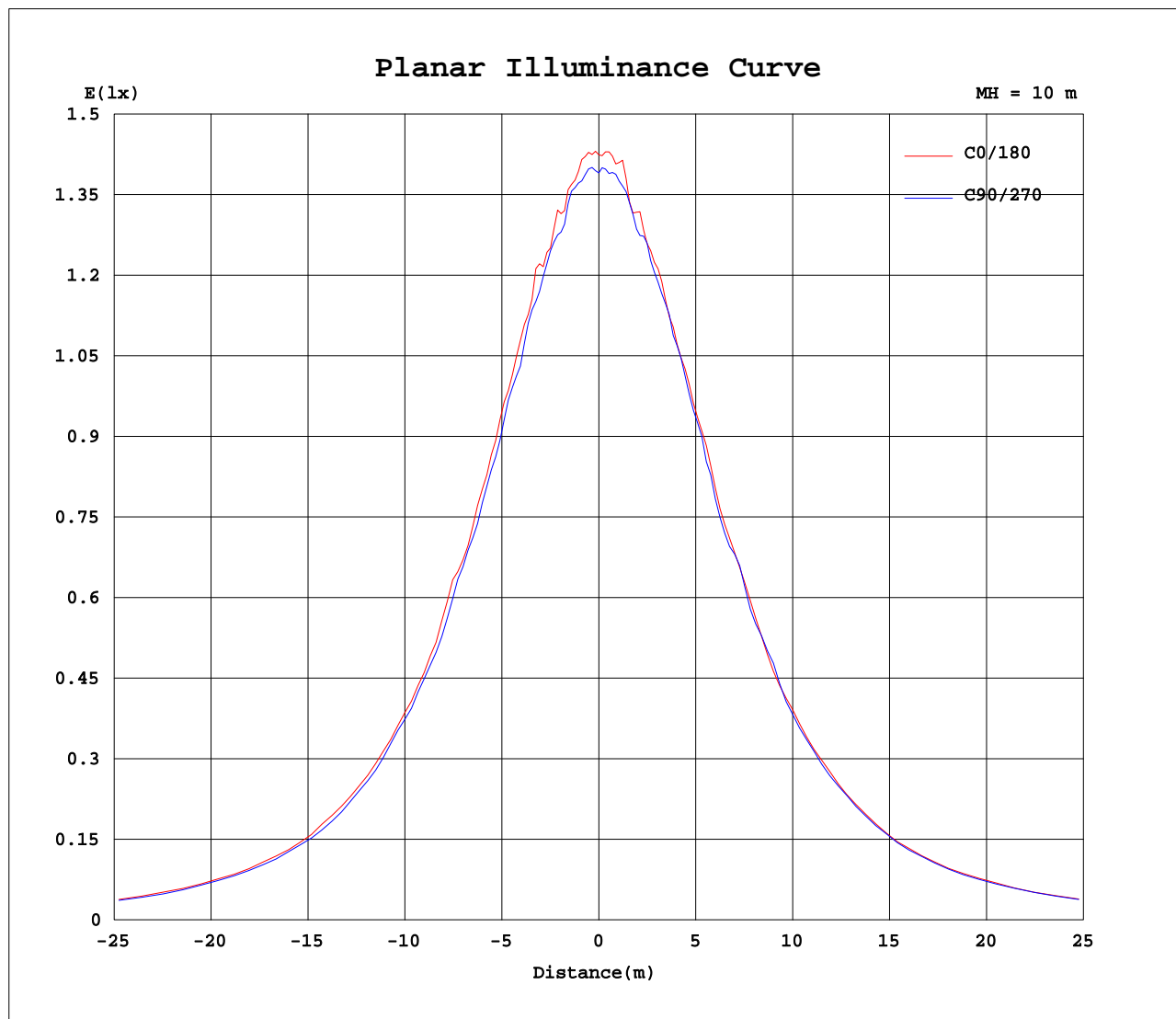
| | | |
|--|----------------|-------------------|
| Test:U:0V I:0A P:0W PF:1.000 Lamp Flux:633.25x1 lm | | |
| NAME: L1433/A-WT-12-All-Dome | TYPE:PROJECTOR | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.:1 |
| MFR.: | SUR.: | PROTECTION ANGLE: |



H(β) Range:-90 - 90DEG
 H(β) Interval: 0.5DEG
 Test Speed: HIGH
 Temperature:30DEG
 Operators:Matthew
 Test Date:2018-12-26

V(B) Range:-180 - 180DEG
 V(B) Interval: 0.5DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.290
 Humidity:65.0%
 Test Distance:11.510m [K=1.0000]
 Remarks:

Planar Illuminance Curve

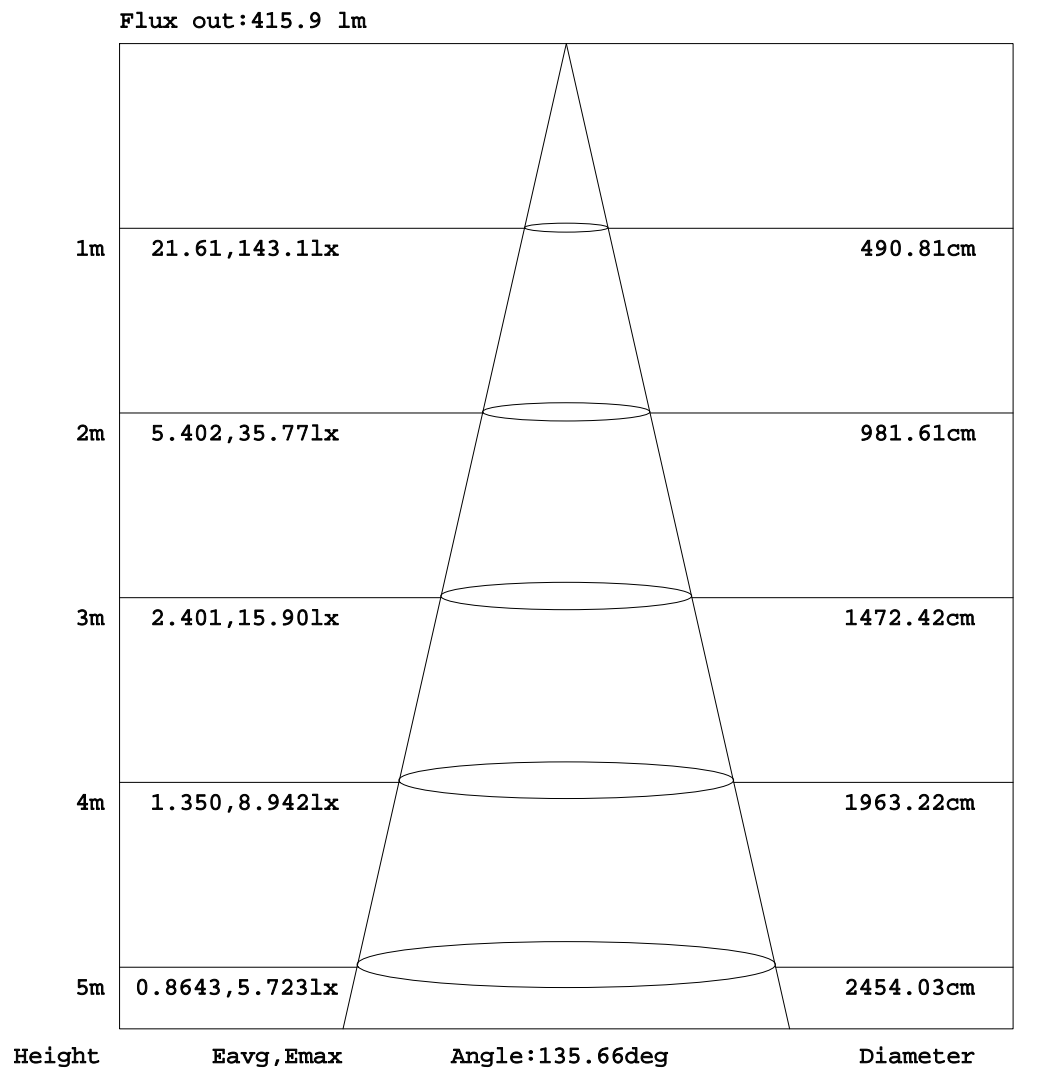


H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:30DEG
Operators:Matthew
Test Date:2018-12-26

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:11.510m [K=1.0000]
Remarks:

AAI Figure

| | | |
|--|----------------|-------------------|
| Test:U:0V I:0A P:0W PF:1.000 Lamp Flux:633.25x1 lm | | |
| NAME: L1433/A-WT-12-All-Dome | TYPE:PROJECTOR | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.:1 |
| MFR.: | SUR.: | PROTECTION ANGLE: |



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

H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:30DEG
Operators:Matthew
Test Date:2018-12-26

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:11.510m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | | | | | | | | |
|--|--|--|--|--|----------------|--|--|-------------------|--|
| Test:U:0V I:0A P:0W PF:1.000 Lamp Flux:633.25x1 lm | | | | | | | | | |
| NAME: L1433/A-WT-12-All-Dome | | | | | TYPE:PROJECTOR | | | WEIGHT: | |
| SPEC.: | | | | | DIM.: | | | SERIAL No.:1 | |
| MFR.: | | | | | SUR.: | | | PROTECTION ANGLE: | |

Table--1

UNIT: cd

| H(°) | -90 | -85 | -80 | -75 | -70 | -65 | -60 | -55 | -50 | -45 | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| V(°) | -180 | 44.9 | 38.3 | 31.9 | 26.1 | 20.7 | 14.8 | 3.15 | 5.59 | 4.48 | 2.42 | 1.92 | 1.97 | 2.02 | 2.08 | 2.12 | 2.16 | 2.16 | 2.10 |
| | -170 | 44.9 | 38.3 | 32.0 | 26.3 | 20.9 | 13.8 | 3.71 | 4.14 | 3.97 | 2.40 | 1.92 | 1.97 | 2.01 | 2.06 | 2.07 | 2.07 | 2.05 | 2.11 |
| | -160 | 44.9 | 38.6 | 32.5 | 27.0 | 21.7 | 14.7 | 4.79 | 2.71 | 3.54 | 2.47 | 1.91 | 1.93 | 1.95 | 1.97 | 1.97 | 2.01 | 2.08 | 2.08 |
| | -150 | 44.9 | 39.0 | 33.4 | 28.1 | 23.2 | 17.7 | 7.21 | 2.94 | 2.60 | 2.62 | 2.28 | 1.94 | 1.92 | 1.93 | 1.95 | 2.00 | 2.02 | 1.99 |
| | -140 | 44.9 | 39.6 | 34.6 | 29.7 | 25.3 | 21.1 | 14.2 | 3.84 | 3.00 | 2.97 | 3.01 | 2.90 | 2.44 | 2.16 | 1.94 | 1.94 | 1.93 | 1.93 |
| | -130 | 44.9 | 40.4 | 36.1 | 31.9 | 28.0 | 24.4 | 20.4 | 12.9 | 5.44 | 3.45 | 3.48 | 3.18 | 2.61 | 2.39 | 2.21 | 2.22 | 2.27 | 2.13 |
| | -120 | 44.9 | 41.3 | 37.8 | 34.5 | 31.2 | 28.3 | 25.6 | 21.6 | 15.4 | 7.20 | 2.71 | 5.25 | 7.21 | 6.82 | 5.13 | 4.41 | 4.36 | 4.62 |
| | -110 | 44.9 | 42.3 | 39.8 | 37.4 | 35.0 | 32.8 | 30.9 | 29.1 | 27.5 | 26.0 | 24.1 | 21.5 | 20.1 | 20.0 | 20.5 | 19.9 | 19.4 | 19.0 |
| | -100 | 44.9 | 43.4 | 41.9 | 40.5 | 39.1 | 37.9 | 36.9 | 35.9 | 35.0 | 34.1 | 33.3 | 32.6 | 32.0 | 31.5 | 31.0 | 30.6 | 30.2 | 30.0 |
| | -90 | 44.9 | 44.5 | 44.2 | 43.9 | 43.5 | 43.3 | 43.3 | 43.2 | 43.1 | 43.1 | 43.0 | 42.9 | 42.9 | 42.8 | 42.7 | 42.5 | 42.4 | 42.2 |
| | -80 | 44.9 | 45.6 | 46.3 | 47.0 | 47.7 | 48.4 | 49.3 | 50.0 | 50.8 | 51.5 | 52.1 | 52.7 | 53.2 | 53.6 | 53.8 | 53.9 | 53.9 | 53.8 |
| | -70 | 44.9 | 46.6 | 48.3 | 50.0 | 51.6 | 53.2 | 54.9 | 56.5 | 58.0 | 59.4 | 60.9 | 62.7 | 63.8 | 65.0 | 66.3 | 66.8 | 66.9 | 66.7 |
| | -60 | 44.9 | 47.6 | 50.3 | 52.9 | 55.3 | 57.7 | 60.4 | 63.6 | 66.7 | 69.7 | 72.2 | 74.8 | 76.5 | 78.1 | 79.2 | 80.7 | 81.9 | 82.4 |
| | -50 | 44.9 | 48.5 | 52.0 | 55.4 | 58.7 | 62.8 | 67.6 | 71.0 | 75.4 | 79.0 | 81.9 | 85.1 | 89.9 | 92.9 | 94.9 | 96.5 | 97.3 | 97.7 |
| | -40 | 44.9 | 49.3 | 53.5 | 57.7 | 62.3 | 68.2 | 72.8 | 77.4 | 82.8 | 88.5 | 93.5 | 97.6 | 102 | 104 | 107 | 110 | 112 | 112 |
| | -30 | 44.9 | 49.9 | 54.8 | 59.6 | 65.5 | 71.7 | 78.0 | 83.8 | 90.3 | 96.4 | 102 | 106 | 110 | 115 | 121 | 122 | 123 | 124 |
| | -20 | 44.9 | 50.4 | 55.8 | 61.1 | 68.4 | 75.4 | 82.0 | 89.5 | 96.8 | 102 | 107 | 114 | 121 | 123 | 125 | 128 | 131 | 132 |
| | -10 | 44.9 | 50.7 | 56.4 | 62.3 | 69.5 | 77.6 | 84.8 | 92.8 | 101 | 107 | 114 | 120 | 124 | 127 | 130 | 133 | 135 | 138 |
| | 0 | 44.9 | 50.9 | 56.7 | 62.9 | 69.9 | 79.1 | 86.4 | 94.9 | 104 | 111 | 118 | 124 | 130 | 134 | 135 | 138 | 138 | 142 |
| | 10 | 44.9 | 50.7 | 56.5 | 62.4 | 69.6 | 78.0 | 85.4 | 93.7 | 101 | 108 | 116 | 123 | 127 | 131 | 133 | 138 | 140 | 137 |
| | 20 | 44.9 | 50.4 | 55.9 | 61.3 | 68.8 | 75.8 | 82.8 | 90.1 | 98.0 | 104 | 113 | 118 | 122 | 126 | 129 | 133 | 135 | 136 |
| | 30 | 44.9 | 50.0 | 55.0 | 59.9 | 66.2 | 72.6 | 79.4 | 86.0 | 93.2 | 98.6 | 103 | 109 | 115 | 121 | 121 | 124 | 125 | 126 |
| | 40 | 44.9 | 49.4 | 53.7 | 58.0 | 62.7 | 69.0 | 74.2 | 79.2 | 84.9 | 90.0 | 94.3 | 101 | 103 | 106 | 112 | 113 | 115 | 117 |
| | 50 | 44.9 | 48.6 | 52.2 | 55.8 | 59.2 | 63.2 | 68.8 | 72.8 | 76.4 | 79.8 | 84.0 | 88.7 | 90.8 | 94.2 | 96.6 | 98.8 | 100.0 | 101 |
| | 60 | 44.9 | 47.7 | 50.5 | 53.2 | 55.9 | 58.4 | 61.3 | 64.4 | 68.1 | 70.7 | 74.0 | 75.7 | 77.8 | 80.9 | 84.0 | 84.3 | 84.7 | 85.0 |
| | 70 | 44.9 | 46.8 | 48.7 | 50.5 | 52.2 | 53.9 | 55.6 | 57.2 | 58.7 | 60.2 | 62.4 | 63.5 | 64.9 | 66.3 | 67.1 | 67.6 | 68.1 | 68.5 |
| | 80 | 44.9 | 45.8 | 46.7 | 47.5 | 48.3 | 49.1 | 50.0 | 50.8 | 51.5 | 52.2 | 52.8 | 53.4 | 53.9 | 54.3 | 54.6 | 55.0 | 55.3 | 55.5 |
| | 90 | 44.9 | 44.7 | 44.6 | 44.5 | 44.3 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.1 | 44.1 | 44.0 | 44.0 | 44.0 | 44.1 | 44.1 | 44.2 |
| | 100 | 44.9 | 43.6 | 42.3 | 41.1 | 39.9 | 38.8 | 37.9 | 37.0 | 36.2 | 35.4 | 34.7 | 34.0 | 33.4 | 32.9 | 32.6 | 32.3 | 32.2 | 32.1 |
| | 110 | 44.9 | 42.5 | 40.1 | 37.9 | 35.7 | 33.7 | 31.9 | 30.2 | 28.7 | 27.3 | 25.4 | 23.5 | 22.4 | 22.0 | 22.2 | 21.6 | 21.0 | 20.6 |
| | 120 | 44.9 | 41.4 | 38.1 | 34.9 | 31.9 | 29.1 | 26.5 | 23.2 | 18.2 | 10.6 | 4.48 | 4.80 | 5.36 | 4.47 | 2.77 | 2.29 | 2.21 | 2.15 |
| | 130 | 44.9 | 40.5 | 36.3 | 32.3 | 28.6 | 25.1 | 21.4 | 13.9 | 5.66 | 3.96 | 4.39 | 5.51 | 4.54 | 3.47 | 3.23 | 3.21 | 2.92 | 2.46 |
| | 140 | 44.9 | 39.7 | 34.8 | 30.1 | 25.8 | 21.7 | 14.4 | 4.26 | 3.36 | 4.43 | 4.04 | 3.34 | 2.74 | 2.40 | 2.30 | 2.09 | 1.93 | 1.90 |
| | 150 | 44.9 | 39.1 | 33.6 | 28.4 | 23.6 | 18.0 | 7.50 | 3.04 | 2.68 | 2.75 | 2.38 | 1.96 | 1.93 | 1.93 | 1.93 | 1.93 | 1.92 | 1.96 |
| | 160 | 44.9 | 38.6 | 32.6 | 27.1 | 22.0 | 14.8 | 4.90 | 2.77 | 3.55 | 2.51 | 2.00 | 1.90 | 1.92 | 1.96 | 2.01 | 2.02 | 1.98 | 2.01 |
| | 170 | 44.9 | 38.4 | 32.1 | 26.4 | 21.0 | 13.9 | 3.74 | 4.15 | 3.98 | 2.44 | 1.90 | 1.92 | 1.94 | 1.97 | 2.02 | 2.08 | 2.13 | 2.08 |
| | 180 | 44.9 | 38.3 | 31.9 | 26.1 | 20.7 | 14.8 | 3.15 | 5.59 | 4.48 | 2.42 | 1.92 | 1.97 | 2.02 | 2.08 | 2.12 | 2.16 | 2.16 | 2.13 |

H(β) Range:-90 - 90DEG
 H(β) Interval: 0.5DEG
 Test Speed: HIGH
 Temperature:30DEG
 Operators:Matthew
 Test Date:2018-12-26

V(B) Range:-180 - 180DEG
 V(B) Interval: 0.5DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.290
 Humidity:65.0%
 Test Distance:11.510m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|----------------|--|--|--|--|-------------------|--|--|--|--|
| Test:U:0V I:0A P:0W PF:1.000 Lamp Flux:633.25x1 lm | | | | | | | | | | | | | | | | | | |
| NAME: L1433/A-WT-12-All-Dome | | | | | | | | | TYPE:PROJECTOR | | | | | WEIGHT: | | | | |
| SPEC.: | | | | | | | | | DIM.: | | | | | SERIAL No.:1 | | | | |
| MFR.: | | | | | | | | | SUR.: | | | | | PROTECTION ANGLE: | | | | |

Table--2

UNIT: cd

| H(°) \ V(°) | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | |
|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| -180 | 2.15 | 2.14 | 2.09 | 2.07 | 2.04 | 2.00 | 1.95 | 1.95 | 2.56 | 4.64 | 6.05 | 2.78 | 14.5 | 20.6 | 26.1 | 31.8 | 37.9 | 44.5 | |
| -170 | 2.14 | 2.09 | 2.12 | 2.11 | 2.09 | 2.03 | 1.99 | 1.96 | 2.55 | 4.14 | 4.68 | 3.37 | 13.2 | 20.7 | 26.3 | 32.0 | 38.0 | 44.5 | |
| -160 | 2.09 | 2.08 | 2.04 | 2.00 | 1.99 | 1.98 | 1.96 | 2.01 | 2.69 | 3.70 | 3.00 | 4.46 | 13.6 | 21.6 | 27.0 | 32.5 | 38.3 | 44.5 | |
| -150 | 1.99 | 2.01 | 2.00 | 1.95 | 1.93 | 1.93 | 1.99 | 2.43 | 2.90 | 2.92 | 2.75 | 6.10 | 16.4 | 23.4 | 28.2 | 33.3 | 38.8 | 44.5 | |
| -140 | 1.93 | 1.93 | 1.93 | 1.96 | 2.15 | 2.44 | 2.89 | 3.66 | 3.78 | 2.93 | 3.04 | 11.9 | 21.0 | 25.6 | 29.9 | 34.5 | 39.4 | 44.5 | |
| -130 | 2.10 | 2.29 | 2.33 | 2.25 | 2.77 | 3.83 | 4.02 | 3.55 | 3.48 | 4.34 | 11.7 | 20.6 | 24.8 | 28.3 | 32.0 | 36.0 | 40.2 | 44.5 | |
| -120 | 4.66 | 4.48 | 4.64 | 5.47 | 6.99 | 7.17 | 5.52 | 4.09 | 9.40 | 17.2 | 22.5 | 26.0 | 28.7 | 31.6 | 34.6 | 37.8 | 41.1 | 44.5 | |
| -110 | 19.0 | 19.3 | 19.8 | 20.4 | 20.4 | 20.8 | 22.1 | 24.0 | 25.9 | 27.6 | 29.3 | 31.2 | 33.3 | 35.4 | 37.5 | 39.8 | 42.1 | 44.5 | |
| -100 | 29.9 | 30.1 | 30.4 | 30.8 | 31.2 | 31.8 | 32.4 | 33.2 | 34.0 | 34.9 | 36.0 | 37.1 | 38.3 | 39.5 | 40.7 | 41.9 | 43.2 | 44.5 | |
| -90 | 42.1 | 42.2 | 42.3 | 42.3 | 42.4 | 42.5 | 42.6 | 42.7 | 42.8 | 43.0 | 43.3 | 43.5 | 43.7 | 43.9 | 44.1 | 44.2 | 44.4 | 44.5 | |
| -80 | 53.7 | 53.6 | 53.4 | 53.2 | 52.9 | 52.6 | 52.1 | 51.6 | 51.1 | 50.6 | 50.0 | 49.4 | 48.7 | 48.0 | 47.1 | 46.3 | 45.4 | 44.5 | |
| -70 | 66.6 | 66.7 | 66.4 | 65.7 | 64.4 | 63.2 | 62.2 | 60.5 | 59.0 | 57.8 | 56.5 | 55.1 | 53.5 | 51.9 | 50.1 | 48.3 | 46.4 | 44.5 | |
| -60 | 82.5 | 82.3 | 81.6 | 79.0 | 77.5 | 75.8 | 74.2 | 71.5 | 69.4 | 66.3 | 63.5 | 60.6 | 58.0 | 55.5 | 52.9 | 50.1 | 47.4 | 44.5 | |
| -50 | 97.5 | 96.9 | 96.2 | 94.9 | 92.7 | 89.2 | 84.9 | 81.4 | 78.0 | 75.4 | 71.6 | 67.7 | 62.7 | 58.8 | 55.4 | 51.8 | 48.2 | 44.5 | |
| -40 | 112 | 112 | 110 | 107 | 104 | 101 | 97.3 | 93.6 | 88.1 | 82.6 | 78.0 | 73.3 | 68.2 | 62.3 | 57.5 | 53.3 | 49.0 | 44.5 | |
| -30 | 123 | 122 | 122 | 121 | 116 | 111 | 107 | 102 | 96.3 | 91.6 | 84.0 | 78.2 | 71.8 | 65.4 | 59.3 | 54.5 | 49.6 | 44.5 | |
| -20 | 132 | 132 | 130 | 127 | 123 | 122 | 116 | 111 | 103 | 96.1 | 88.6 | 81.9 | 75.1 | 67.9 | 60.7 | 55.4 | 50.0 | 44.5 | |
| -10 | 139 | 137 | 135 | 131 | 131 | 125 | 122 | 115 | 107 | 99.8 | 92.4 | 84.6 | 77.3 | 69.3 | 62.1 | 55.9 | 50.3 | 44.5 | |
| 0 | 143 | 138 | 138 | 136 | 132 | 128 | 122 | 115 | 109 | 101 | 94.4 | 86.3 | 77.8 | 69.9 | 62.6 | 56.2 | 50.4 | 44.5 | |
| 10 | 138 | 138 | 134 | 131 | 129 | 125 | 121 | 114 | 107 | 99.9 | 92.3 | 84.6 | 77.1 | 69.3 | 62.1 | 55.9 | 50.3 | 44.5 | |
| 20 | 134 | 132 | 131 | 128 | 126 | 121 | 116 | 108 | 103 | 96.3 | 88.9 | 82.0 | 74.8 | 67.8 | 60.8 | 55.3 | 50.0 | 44.5 | |
| 30 | 127 | 125 | 124 | 121 | 119 | 115 | 108 | 103 | 96.5 | 91.5 | 84.1 | 77.8 | 71.7 | 65.8 | 59.2 | 54.4 | 49.5 | 44.5 | |
| 40 | 117 | 114 | 113 | 110 | 108 | 103 | 99.3 | 95.2 | 89.6 | 83.4 | 77.9 | 72.8 | 67.6 | 62.2 | 57.4 | 53.2 | 48.9 | 44.5 | |
| 50 | 101 | 99.7 | 98.1 | 96.5 | 94.8 | 91.6 | 88.8 | 83.3 | 79.8 | 75.5 | 71.7 | 67.4 | 62.7 | 58.5 | 55.2 | 51.7 | 48.2 | 44.5 | |
| 60 | 85.0 | 84.5 | 83.6 | 82.8 | 80.1 | 78.0 | 75.6 | 73.9 | 70.7 | 67.7 | 64.4 | 61.1 | 57.7 | 55.3 | 52.7 | 50.0 | 47.3 | 44.5 | |
| 70 | 68.8 | 68.8 | 68.4 | 67.8 | 66.9 | 65.7 | 64.1 | 62.6 | 60.9 | 58.5 | 56.9 | 55.2 | 53.3 | 51.6 | 49.9 | 48.2 | 46.4 | 44.5 | |
| 80 | 55.6 | 55.5 | 55.3 | 55.0 | 54.6 | 54.1 | 53.6 | 53.0 | 52.3 | 51.5 | 50.6 | 49.6 | 48.6 | 47.8 | 47.0 | 46.2 | 45.4 | 44.5 | |
| 90 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.4 | 44.2 | 44.1 | 43.9 | 43.8 | 43.8 | 44.0 | 44.2 | 44.3 | 44.5 | |
| 100 | 32.2 | 32.3 | 32.5 | 32.8 | 33.2 | 33.7 | 34.3 | 34.9 | 35.6 | 36.3 | 37.0 | 37.8 | 38.6 | 39.6 | 40.7 | 41.9 | 43.2 | 44.5 | |
| 110 | 20.7 | 21.1 | 21.7 | 22.3 | 22.2 | 22.5 | 23.5 | 25.5 | 27.5 | 28.9 | 30.3 | 31.9 | 33.5 | 35.5 | 37.6 | 39.8 | 42.1 | 44.5 | |
| 120 | 2.22 | 2.61 | 3.49 | 5.34 | 7.27 | 7.88 | 6.05 | 4.42 | 10.0 | 17.8 | 23.1 | 26.5 | 29.0 | 31.8 | 34.7 | 37.8 | 41.1 | 44.5 | |
| 130 | 2.43 | 2.94 | 3.15 | 2.90 | 2.73 | 2.76 | 4.67 | 4.47 | 4.10 | 4.58 | 12.1 | 21.0 | 25.1 | 28.5 | 32.2 | 36.1 | 40.2 | 44.5 | |
| 140 | 1.92 | 1.98 | 2.10 | 2.17 | 2.22 | 2.32 | 2.97 | 3.17 | 3.67 | 3.53 | 3.60 | 12.2 | 21.4 | 25.7 | 30.0 | 34.6 | 39.4 | 44.5 | |
| 150 | 1.97 | 1.94 | 1.94 | 1.94 | 1.93 | 1.88 | 1.84 | 2.21 | 2.57 | 2.99 | 3.18 | 6.53 | 16.6 | 23.5 | 28.3 | 33.4 | 38.8 | 44.5 | |
| 160 | 2.00 | 1.97 | 1.99 | 1.98 | 1.93 | 1.86 | 1.82 | 1.81 | 2.50 | 3.38 | 3.23 | 4.67 | 13.7 | 21.8 | 27.0 | 32.5 | 38.3 | 44.5 | |
| 170 | 2.05 | 2.10 | 2.02 | 1.96 | 1.93 | 1.91 | 1.86 | 1.88 | 2.39 | 4.01 | 4.67 | 3.49 | 13.3 | 20.7 | 26.3 | 32.0 | 38.0 | 44.5 | |
| 180 | 2.15 | 2.14 | 2.09 | 2.07 | 2.04 | 2.00 | 1.95 | 1.95 | 2.56 | 4.64 | 6.05 | 2.78 | 14.5 | 20.6 | 26.1 | 31.8 | 37.9 | 44.5 | |

H(β) Range:-90 - 90DEG

H(β) Interval: 0.5DEG

Test Speed: HIGH

Temperature:30DEG

Operators:Matthew

Test Date:2018-12-26

V(B) Range:-180 - 180DEG

V(B) Interval: 0.5DEG

Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.290

Humidity:65.0%

Test Distance:11.510m [K=1.0000]

Remarks: