

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

| | |
|------------------------------------|------------------------|
| Maximum Intensity | 948.4 cd per klm. |
| (Luminaire orientation as tested.) | 0.0 degrees vertical |
| | 0.0 degrees horizontal |

| | | |
|-------------|----------------|-----------------|
| Beam Spread | At 10% of Imax | 113.6V x 113.8H |
| | At 50% of Imax | 49.7V x 49.8H |
| | At 90% of Imax | 16.2V x 17.7H |

| | | |
|-----------|----------------|------------------------|
| Beam Flux | Total | 1000.2 lumens per klm. |
| | To 10% of Imax | 939.5 lumens per klm. |
| | To 50% of Imax | 389.8 lumens per klm. |
| | To 90% of Imax | 62.9 lumens per klm. |

| | |
|--------------|---------|
| Upward LOR | 0.0 % |
| Downward LOR | 100.0 % |

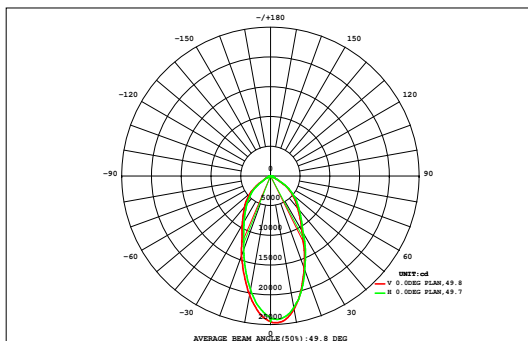
| | |
|---|---------|
| Luminaire Efficiency (Light Output Ratio) | 100.0 % |
|---|---------|

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 07/05/2021

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: KYH-225WATT-60°

LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|--|------------------|------------------|
| Test:U:230.36V I:0.9951A P:226.30W PF:0.9872 Freq:0Hz Lamp Flux:26028.1x1 lm | | |
| NAME: KYH-Maxi | TYPE:OUTDOOR | WEIGHT:6.6kg |
| SPEC.:225 WATT | DIM.: 322X530X50 | SERIAL No.: |
| MFR.: LITPA AYDINLATMA | SUR.: | Shielding Angle: |



| DATA OF LAMP | | Eff:115.02lm/W | |
|-------------------|----------|------------------|----------|
| MODEL | KYH-Maxi | Imax (cd) | 24685 |
| NOMINAL POWER (W) | 225 | AVAILABILITY (%) | 93.8 |
| RATED VOLTAGE (V) | 230.0 | Avai. FLUX (lm) | 24423 |
| NOMINAL FLUX (lm) | 26028.1 | LOR (%) | 100.0 |
| LAMPS INSIDE | 1 | TOTAL FLUX (lm) | 26028 |
| TEST VOLTAGE (V) | 230 | θ @50% (H,V) | 50,50DEG |

| VERTICAL (DEG) | AREA FLUX DIAGRAM | | | | | | | | | | | | | | | | UNIT:lm | | Φ t | Φ a |
|------------------|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------|------|-------|-------|
| | 0.00 | 0.02 | 0.06 | 0.14 | 0.27 | 0.42 | 0.56 | 0.65 | 0.64 | 0.62 | 0.58 | 0.47 | 0.33 | 0.22 | 0.13 | 0.06 | 0.03 | 0.01 | 5.19 | 0.00 |
| 90 | 0.01 | 0.10 | 0.47 | 1.28 | 2.43 | 3.88 | 5.23 | 5.90 | 5.98 | 5.91 | 5.64 | 4.82 | 3.40 | 2.07 | 1.11 | 0.43 | 0.10 | 0.01 | 48.8 | 0.00 |
| 80 | 0.02 | 0.31 | 1.55 | 3.78 | 6.79 | 10.2 | 13.6 | 16.2 | 17.5 | 17.2 | 15.6 | 13.0 | 9.72 | 6.37 | 3.48 | 1.42 | 0.30 | 0.02 | 137 | 0.00 |
| 70 | 0.03 | 0.66 | 2.95 | 6.86 | 12.9 | 26.1 | 47.4 | 66.0 | 74.9 | 71.9 | 57.9 | 38.8 | 21.2 | 11.9 | 6.53 | 2.76 | 0.62 | 0.03 | 449 | 178 |
| 60 | 0.05 | 1.06 | 4.37 | 10.7 | 32.9 | 75.6 | 113 | 142 | 154 | 151 | 134 | 103 | 62.2 | 25.1 | 9.90 | 4.16 | 0.99 | 0.05 | 1023 | 902 |
| 50 | 0.07 | 1.43 | 5.72 | 20.1 | 67.7 | 121 | 166 | 209 | 229 | 224 | 197 | 155 | 111 | 55.5 | 16.1 | 5.47 | 1.34 | 0.08 | 1584 | 1508 |
| 40 | 0.10 | 1.75 | 7.07 | 35.4 | 95.0 | 154 | 224 | 296 | 333 | 320 | 270 | 201 | 143 | 84.6 | 27.8 | 6.68 | 1.64 | 0.10 | 2200 | 2143 |
| 30 | 0.11 | 1.98 | 8.66 | 49.0 | 114 | 189 | 296 | 423 | 501 | 469 | 369 | 255 | 171 | 105 | 40.2 | 7.90 | 1.85 | 0.11 | 3002 | 2954 |
| 20 | 0.12 | 2.10 | 9.97 | 57.3 | 125 | 212 | 353 | 544 | 673 | 618 | 463 | 301 | 193 | 117 | 48.6 | 8.90 | 1.97 | 0.12 | 3729 | 3686 |
| 10 | 0.12 | 2.11 | 10.1 | 58.0 | 126 | 213 | 354 | 555 | 702 | 673 | 501 | 319 | 201 | 121 | 50.3 | 9.07 | 1.98 | 0.12 | 3896 | 3853 |
| 0 | 0.11 | 2.00 | 8.86 | 51.3 | 117 | 196 | 315 | 472 | 589 | 562 | 429 | 287 | 187 | 113 | 44.4 | 8.32 | 1.90 | 0.12 | 3382 | 3337 |
| -10 | 0.10 | 1.78 | 7.28 | 38.9 | 102 | 168 | 252 | 349 | 412 | 399 | 324 | 233 | 161 | 95.6 | 32.2 | 7.08 | 1.71 | 0.10 | 2585 | 2533 |
| -20 | 0.08 | 1.48 | 5.93 | 23.0 | 76.9 | 132 | 185 | 240 | 272 | 268 | 231 | 177 | 126 | 67.0 | 19.0 | 5.81 | 1.43 | 0.08 | 1832 | 1765 |
| -30 | 0.05 | 1.11 | 4.65 | 12.2 | 41.3 | 92.1 | 134 | 170 | 188 | 187 | 165 | 127 | 80.9 | 33.1 | 11.3 | 4.49 | 1.07 | 0.06 | 1253 | 1153 |
| -40 | 0.03 | 0.70 | 3.23 | 7.88 | 15.7 | 36.2 | 66.5 | 93.5 | 108 | 106 | 86.0 | 56.8 | 29.5 | 14.1 | 7.47 | 3.06 | 0.68 | 0.04 | 635 | 412 |
| -50 | 0.02 | 0.34 | 1.77 | 4.57 | 8.30 | 12.8 | 18.0 | 23.8 | 27.8 | 27.0 | 22.0 | 16.5 | 11.9 | 7.65 | 4.17 | 1.64 | 0.33 | 0.02 | 189 | 0.00 |
| -60 | 0.01 | 0.11 | 0.58 | 1.65 | 3.22 | 5.21 | 7.25 | 8.56 | 8.92 | 8.77 | 8.09 | 6.65 | 4.64 | 2.77 | 1.42 | 0.51 | 0.11 | 0.01 | 68.5 | 0.00 |
| -70 | 0.00 | 0.03 | 0.08 | 0.20 | 0.41 | 0.69 | 1.01 | 1.25 | 1.33 | 1.27 | 1.09 | 0.81 | 0.53 | 0.30 | 0.15 | 0.07 | 0.02 | 0.00 | 9.24 | 0.00 |
| -80 | 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 | 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 | 0.00 |
| HORIZONTAL (DEG) | | | | | | | | | | | | | | | | | | | | |
| Φ t | 1.05 | 19.0 | 83.3 | 382 | 948 | 1648 | 2551 | 3615 | 4297 | 4109 | 3279 | 2295 | 1516 | 862 | 324 | 77.8 | 18.1 | 1.08 | 26028 | --- |
| Φ a | 0.00 | 0.00 | 0.00 | 222 | 835 | 1542 | 2448 | 3515 | 4199 | 4010 | 3175 | 2186 | 1403 | 737 | 150 | 0.00 | 0.00 | 0.00 | --- | 24423 |

one-half-peak spread: U:25.1,D:22.1 , L:24.8,R:25.5

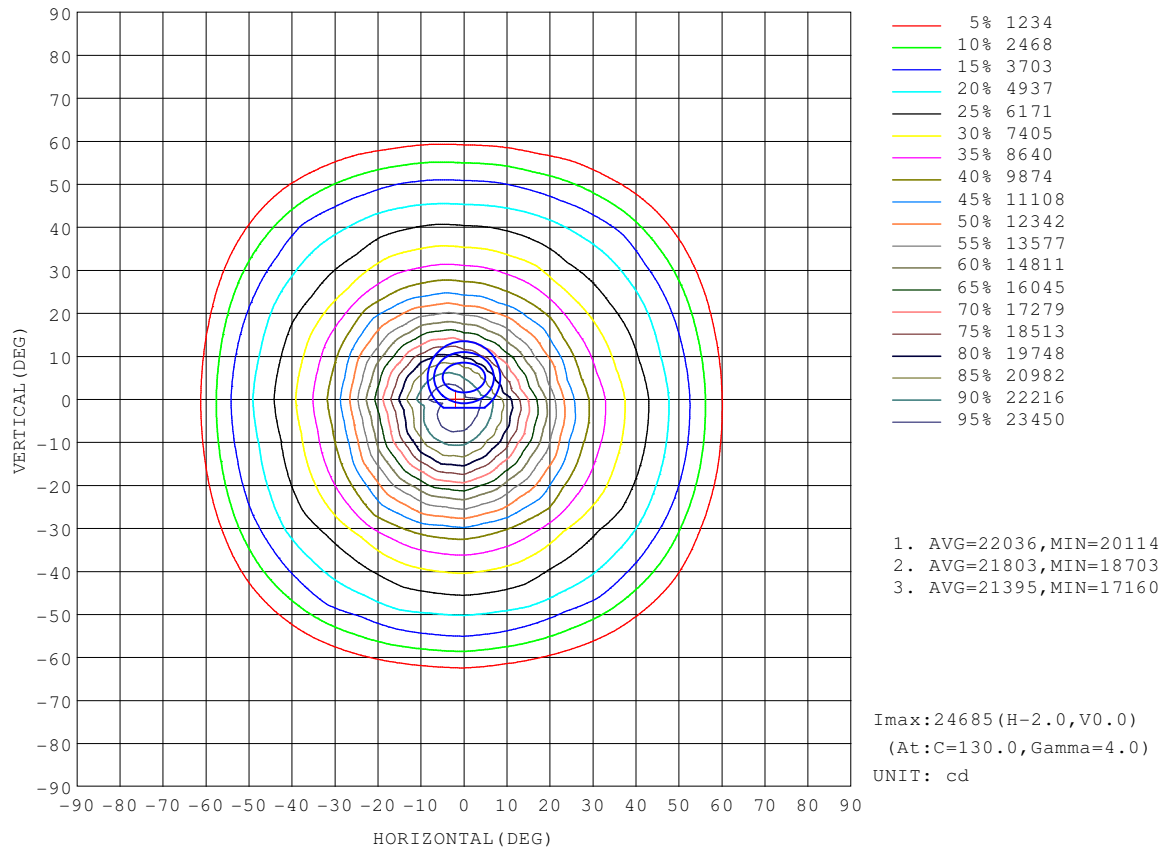
NEMA Beam Type: Type 6

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 07/05/2021

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: KYH-225WATT-60°

ISOCANDELA DIAGRAM

| | | |
|--|------------------|------------------|
| Test:U:230.36V I:0.9951A P:226.30W PF:0.9872 Freq:0Hz Lamp Flux:26028.1x1 lm | | |
| NAME: KYH-Maxi | TYPE:OUTDOOR | WEIGHT:6.6kg |
| SPEC.:225 WATT | DIM.: 322X530X50 | SERIAL No.: |
| MFR.: LITPA AYDINLATMA | SUR.: | Shielding Angle: |

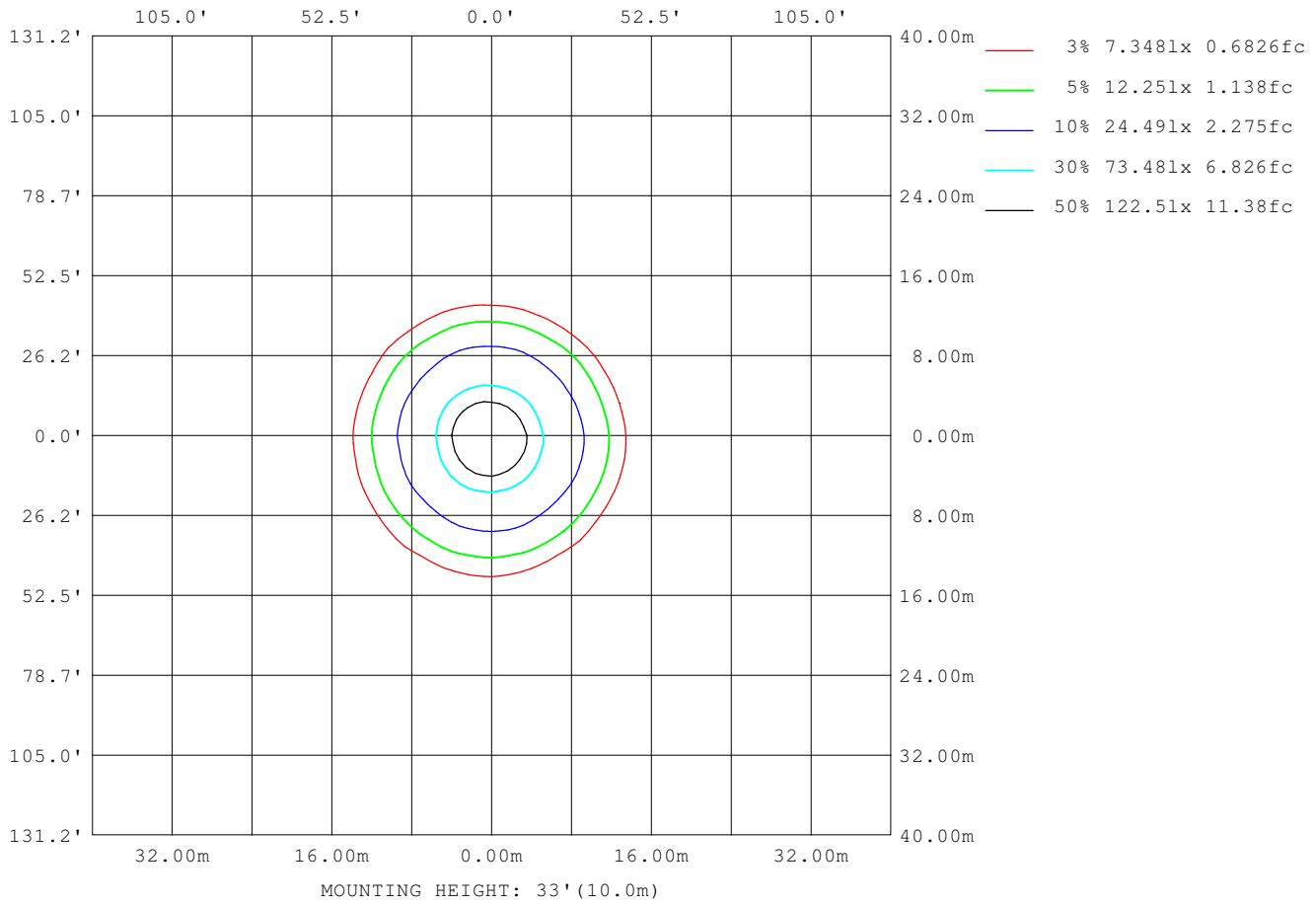


C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 20DEG
 Operators: LITPA
 Test Date: 07/05/2021

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
 Humidity: 65.0%
 Test Distance: 7.200m [K=1.0000]
 Remarks: KYH-225WATT-60°

ISOLUX DIAGRAM

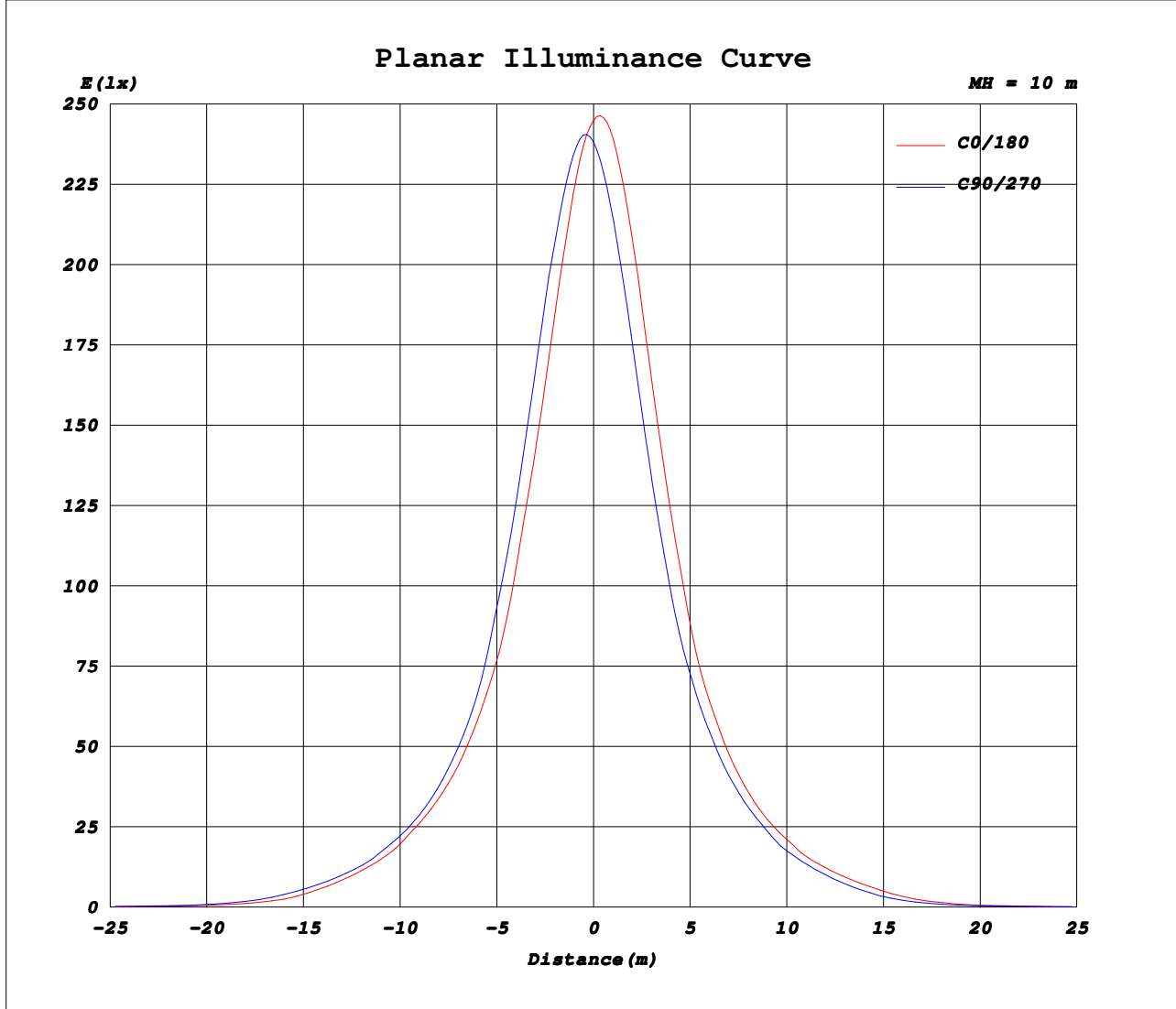
| | | |
|--|------------------|------------------|
| Test:U:230.36V I:0.9951A P:226.30W PF:0.9872 Freq:0Hz Lamp Flux:26028.1x1 lm | | |
| NAME: KYH-Maxi | TYPE:OUTDOOR | WEIGHT:6.6kg |
| SPEC.:225 WATT | DIM.: 322X530X50 | SERIAL No.: |
| MFR.: LITPA AYDINLATMA | SUR.: | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 07/05/2021

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: KYH-225WATT-60°

Planar Illuminance Curve

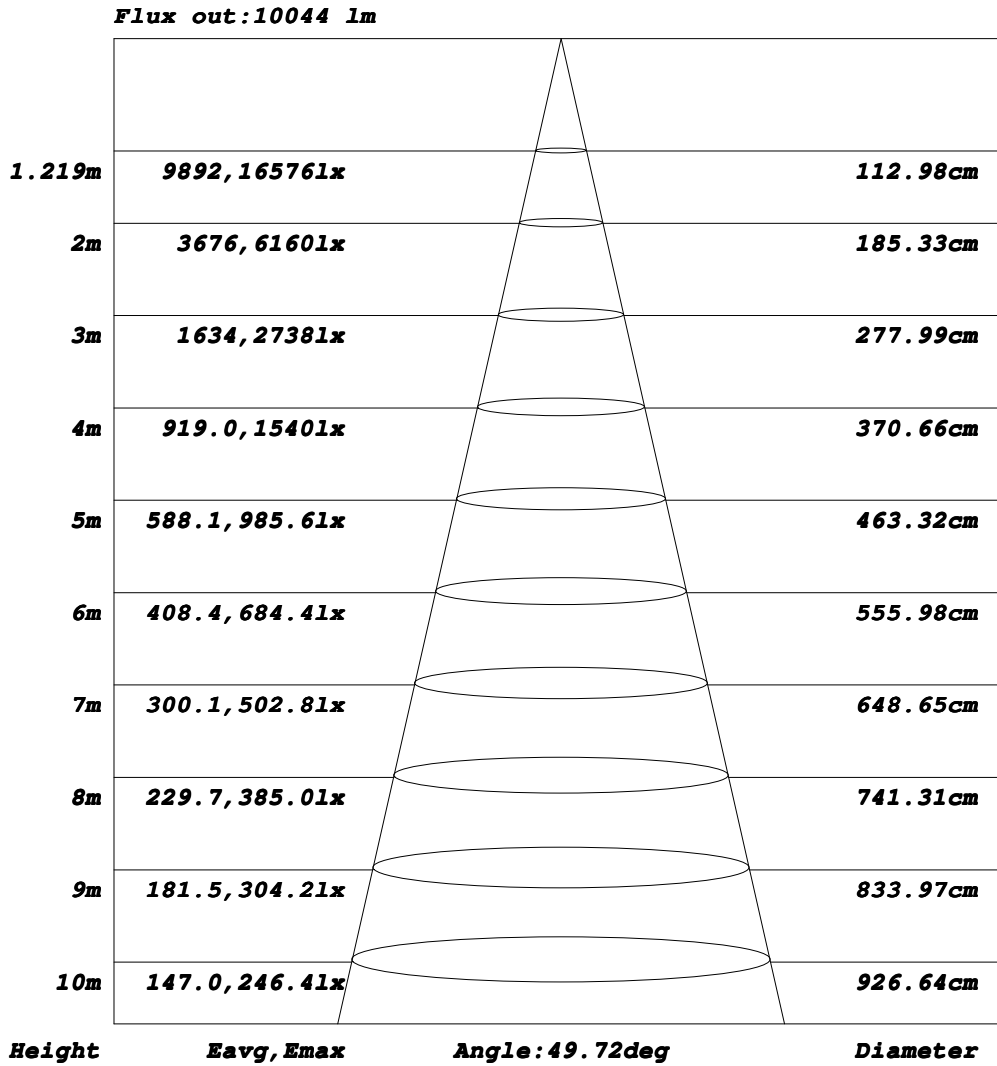


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 07/05/2021

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: KYH-225WATT-60°

AAI Figure

| | | |
|--|------------------|------------------|
| Test:U:230.36V I:0.9951A P:226.30W PF:0.9872 Freq:0Hz Lamp Flux:26028.1x1 lm | | |
| NAME: KYH-Maxi | TYPE:OUTDOOR | WEIGHT:6.6kg |
| SPEC.:225 WATT | DIM.: 322X530X50 | SERIAL No.: |
| MFR.: LITPA AYDINLATMA | SUR.: | Shielding Angle: |



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

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 07/05/2021

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: KYH-225WATT-60°

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|------------------|------------------|
| Test:U:230.36V I:0.9951A P:226.30W PF:0.9872 Freq:0Hz Lamp Flux:26028.1x1 lm | | |
| NAME: KYH-Maxi | TYPE:OUTDOOR | WEIGHT:6.6kg |
| SPEC.:225 WATT | DIM.: 322X530X50 | SERIAL No.: |
| MFR.: LITPA AYDINLATMA | SUR.: | Shielding Angle: |

Table--1

UNIT: μA10cd

| H (DEG) V (DEG) | -90 | -85 | -80 | -75 | -70 | -65 | -60 | -55 | -50 | -45 | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| -90 | 0.10 | 0.13 | 0.16 | 0.16 | 0.17 | 0.17 | 0.18 | 0.19 | 0.20 | 0.20 | 0.20 | 0.20 | 0.21 | 0.21 | 0.20 | 0.20 | 0.20 | 0.19 | 0.18 |
| -85 | 0.10 | 0.16 | 0.23 | 0.29 | 0.36 | 0.48 | 0.67 | 0.82 | 1.00 | 1.26 | 1.53 | 1.75 | 2.02 | 2.34 | 2.65 | 2.74 | 2.76 | 2.79 | 2.78 |
| -80 | 0.10 | 0.20 | 0.33 | 0.59 | 0.99 | 1.55 | 2.34 | 3.40 | 4.57 | 5.89 | 7.34 | 8.82 | 10.4 | 11.8 | 13.2 | 13.6 | 13.6 | 13.9 | 14.0 |
| -75 | 0.10 | 0.24 | 0.56 | 1.20 | 2.10 | 3.98 | 6.39 | 9.03 | 11.6 | 14.3 | 17.2 | 20.4 | 23.3 | 25.9 | 27.9 | 28.6 | 28.5 | 29.1 | 29.3 |
| -70 | 0.10 | 0.28 | 0.94 | 2.05 | 4.52 | 8.15 | 12.5 | 16.8 | 21.2 | 25.8 | 30.5 | 34.9 | 38.9 | 42.5 | 45.4 | 46.7 | 47.2 | 47.0 | 46.1 |
| -65 | 0.10 | 0.35 | 1.39 | 3.51 | 7.80 | 13.2 | 19.5 | 25.9 | 32.0 | 38.2 | 44.7 | 50.8 | 56.1 | 61.0 | 65.9 | 70.1 | 73.8 | 76.8 | 78.0 |
| -60 | 0.10 | 0.49 | 1.90 | 5.49 | 11.5 | 18.7 | 27.0 | 35.3 | 43.2 | 51.5 | 60.5 | 70.9 | 86.7 | 107 | 134 | 158 | 177 | 189 | 194 |
| -55 | 0.10 | 0.62 | 2.59 | 7.76 | 15.4 | 24.5 | 34.3 | 44.8 | 55.1 | 66.6 | 88.6 | 131 | 187 | 242 | 289 | 326 | 351 | 367 | 374 |
| -50 | 0.10 | 0.78 | 3.47 | 10.2 | 19.5 | 30.0 | 41.5 | 54.3 | 68.9 | 103 | 172 | 258 | 333 | 377 | 425 | 463 | 483 | 494 | 500 |
| -45 | 0.10 | 0.95 | 4.44 | 12.6 | 23.3 | 35.1 | 48.7 | 64.1 | 98.6 | 186 | 286 | 376 | 444 | 490 | 535 | 583 | 608 | 623 | 630 |
| -40 | 0.10 | 1.10 | 5.55 | 15.0 | 26.7 | 39.9 | 55.7 | 80.2 | 163 | 283 | 380 | 464 | 524 | 577 | 634 | 689 | 724 | 744 | 754 |
| -35 | 0.10 | 1.25 | 6.61 | 17.3 | 29.7 | 44.5 | 62.8 | 111 | 242 | 359 | 455 | 530 | 595 | 662 | 745 | 815 | 866 | 894 | 905 |
| -30 | 0.10 | 1.40 | 7.66 | 19.4 | 32.5 | 48.8 | 72.7 | 158 | 312 | 420 | 529 | 600 | 681 | 776 | 891 | 977 | 1050 | 1078 | 1101 |
| -25 | 0.10 | 1.53 | 8.57 | 21.1 | 34.7 | 53.1 | 88.3 | 213 | 366 | 474 | 581 | 671 | 777 | 909 | 1070 | 1187 | 1303 | 1358 | 1391 |
| -20 | 0.10 | 1.63 | 9.40 | 22.6 | 36.8 | 57.4 | 106 | 263 | 404 | 512 | 620 | 729 | 864 | 1026 | 1217 | 1403 | 1550 | 1657 | 1690 |
| -15 | 0.10 | 1.72 | 10.1 | 23.8 | 38.7 | 61.3 | 126 | 298 | 431 | 543 | 652 | 779 | 936 | 1142 | 1373 | 1609 | 1827 | 1980 | 2004 |
| -10 | 0.10 | 1.77 | 10.5 | 24.7 | 40.1 | 64.1 | 144 | 323 | 452 | 565 | 674 | 817 | 987 | 1211 | 1501 | 1798 | 2066 | 2225 | 2249 |
| -5 | 0.10 | 1.81 | 10.8 | 25.2 | 40.8 | 65.9 | 155 | 339 | 467 | 587 | 699 | 847 | 1023 | 1273 | 1571 | 1886 | 2187 | 2367 | 2396 |
| 0 | 0.10 | 1.81 | 10.9 | 25.4 | 41.0 | 66.6 | 159 | 346 | 475 | 600 | 716 | 870 | 1056 | 1338 | 1653 | 1987 | 2274 | 2447 | 2449 |
| 5 | 0.10 | 1.80 | 10.8 | 25.1 | 40.8 | 65.5 | 152 | 335 | 464 | 587 | 700 | 845 | 1020 | 1270 | 1566 | 1872 | 2125 | 2268 | 2213 |
| 10 | 0.10 | 1.76 | 10.5 | 24.5 | 40.0 | 63.3 | 139 | 314 | 445 | 564 | 673 | 806 | 970 | 1197 | 1432 | 1669 | 1886 | 2001 | 1947 |
| 15 | 0.10 | 1.69 | 9.98 | 23.5 | 38.6 | 60.2 | 120 | 284 | 418 | 532 | 638 | 756 | 894 | 1064 | 1266 | 1444 | 1592 | 1661 | 1631 |
| 20 | 0.10 | 1.61 | 9.31 | 22.2 | 36.7 | 56.4 | 102 | 242 | 381 | 491 | 591 | 685 | 799 | 941 | 1093 | 1210 | 1313 | 1356 | 1329 |
| 25 | 0.10 | 1.50 | 8.46 | 20.6 | 34.4 | 52.3 | 81.9 | 191 | 334 | 440 | 535 | 610 | 702 | 804 | 913 | 1003 | 1062 | 1095 | 1072 |
| 30 | 0.10 | 1.36 | 7.54 | 18.8 | 31.8 | 47.9 | 68.8 | 141 | 276 | 383 | 478 | 548 | 618 | 693 | 780 | 847 | 883 | 906 | 897 |
| 35 | 0.10 | 1.21 | 6.49 | 16.7 | 28.8 | 43.2 | 59.9 | 99.0 | 204 | 316 | 413 | 487 | 541 | 594 | 664 | 712 | 741 | 757 | 748 |
| 40 | 0.10 | 1.05 | 5.43 | 14.4 | 25.5 | 38.2 | 52.7 | 71.3 | 132 | 232 | 336 | 413 | 467 | 513 | 565 | 599 | 621 | 632 | 624 |
| 45 | 0.10 | 0.90 | 4.33 | 12.1 | 21.9 | 33.1 | 45.1 | 57.7 | 80.2 | 143 | 226 | 308 | 365 | 413 | 449 | 481 | 497 | 503 | 498 |
| 50 | 0.10 | 0.73 | 3.34 | 9.77 | 18.3 | 27.9 | 37.8 | 48.0 | 59.6 | 81.1 | 127 | 188 | 248 | 299 | 339 | 371 | 389 | 396 | 392 |
| 55 | 0.10 | 0.57 | 2.46 | 7.37 | 14.4 | 22.4 | 30.5 | 38.8 | 47.5 | 57.1 | 69.3 | 93.7 | 126 | 167 | 197 | 224 | 243 | 250 | 244 |
| 60 | 0.10 | 0.45 | 1.75 | 5.16 | 10.6 | 16.9 | 23.3 | 30.0 | 36.6 | 43.5 | 50.0 | 56.3 | 64.1 | 73.9 | 83.5 | 95.4 | 104 | 107 | 104 |
| 65 | 0.10 | 0.31 | 1.24 | 3.24 | 7.04 | 11.6 | 16.5 | 21.2 | 26.4 | 31.3 | 36.0 | 40.6 | 45.0 | 48.2 | 50.5 | 52.2 | 53.8 | 53.3 | 51.5 |
| 70 | 0.10 | 0.25 | 0.81 | 1.84 | 4.02 | 6.91 | 10.2 | 13.4 | 16.6 | 19.9 | 23.6 | 27.1 | 30.2 | 32.3 | 33.5 | 33.9 | 33.5 | 32.9 | 31.8 |
| 75 | 0.10 | 0.21 | 0.46 | 1.04 | 1.85 | 3.28 | 4.98 | 6.93 | 8.88 | 10.8 | 12.8 | 15.1 | 17.3 | 18.6 | 19.3 | 19.8 | 19.7 | 19.5 | 19.0 |
| 80 | 0.10 | 0.17 | 0.25 | 0.48 | 0.84 | 1.22 | 1.66 | 2.48 | 3.36 | 4.11 | 4.90 | 5.74 | 6.67 | 7.31 | 7.82 | 7.99 | 7.94 | 7.71 | 7.33 |
| 85 | 0.10 | 0.13 | 0.17 | 0.22 | 0.27 | 0.34 | 0.44 | 0.55 | 0.70 | 0.81 | 0.89 | 1.02 | 1.16 | 1.20 | 1.22 | 1.27 | 1.31 | 1.25 | 1.17 |
| 90 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 |

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: LITPA
Test Date: 07/05/2021

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity: 65.0%
Test Distance: 7.200m [K=1.0000]
Remarks: KYH-225WATT-60°

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
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| Test:U:230.36V I:0.9951A P:226.30W PF:0.9872 Freq:0Hz Lamp Flux:26028.1x1 lm | | |
| NAME: KYH-Maxi | TYPE:OUTDOOR | WEIGHT:6.6kg |
| SPEC.:225 WATT | DIM.: 322X530X50 | SERIAL No.: |
| MFR.: LITPA AYDINLATMA | SUR.: | Shielding Angle: |

Table--2

UNIT: μA10cd

| H (DEG) V (DEG) | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| -90 | 0.17 | 0.16 | 0.13 | 0.11 | 0.10 | 0.10 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.10 | |
| -85 | 2.63 | 2.44 | 2.26 | 2.05 | 1.77 | 1.49 | 1.28 | 1.10 | 0.91 | 0.72 | 0.60 | 0.50 | 0.37 | 0.28 | 0.23 | 0.18 | 0.14 | 0.10 | |
| -80 | 13.3 | 12.6 | 12.2 | 11.5 | 10.1 | 8.64 | 7.22 | 5.93 | 4.68 | 3.58 | 2.71 | 1.93 | 1.33 | 0.88 | 0.55 | 0.31 | 0.18 | 0.10 | |
| -75 | 28.6 | 27.7 | 27.1 | 25.9 | 23.7 | 21.0 | 17.9 | 14.9 | 12.3 | 9.82 | 7.67 | 5.47 | 3.53 | 1.98 | 1.17 | 0.58 | 0.24 | 0.10 | |
| -70 | 46.4 | 46.1 | 44.9 | 43.1 | 39.9 | 36.3 | 32.1 | 27.7 | 23.0 | 18.6 | 14.9 | 11.1 | 7.34 | 4.23 | 2.07 | 0.98 | 0.30 | 0.10 | |
| -65 | 75.1 | 71.1 | 66.6 | 62.3 | 57.5 | 52.6 | 47.4 | 41.4 | 35.1 | 29.2 | 23.5 | 17.9 | 12.2 | 7.31 | 3.54 | 1.47 | 0.38 | 0.10 | |
| -60 | 182 | 163 | 139 | 113 | 92.4 | 75.3 | 64.7 | 56.4 | 48.2 | 40.3 | 32.9 | 25.0 | 17.6 | 10.9 | 5.45 | 2.04 | 0.54 | 0.10 | |
| -55 | 359 | 333 | 296 | 252 | 201 | 150 | 105 | 77.1 | 62.2 | 52.2 | 42.4 | 32.5 | 23.1 | 14.7 | 7.63 | 2.79 | 0.68 | 0.10 | |
| -50 | 489 | 471 | 442 | 395 | 340 | 281 | 203 | 132 | 86.0 | 64.8 | 52.0 | 39.9 | 28.7 | 18.5 | 9.96 | 3.67 | 0.85 | 0.10 | |
| -45 | 620 | 601 | 571 | 520 | 469 | 413 | 329 | 231 | 142 | 85.3 | 61.6 | 47.2 | 34.0 | 22.2 | 12.3 | 4.61 | 1.02 | 0.10 | |
| -40 | 738 | 711 | 669 | 607 | 558 | 503 | 434 | 333 | 228 | 127 | 73.7 | 54.4 | 38.9 | 25.6 | 14.6 | 5.65 | 1.18 | 0.10 | |
| -35 | 882 | 842 | 784 | 712 | 639 | 576 | 509 | 421 | 314 | 189 | 95.2 | 61.2 | 43.7 | 28.7 | 16.7 | 6.63 | 1.34 | 0.10 | |
| -30 | 1051 | 997 | 917 | 826 | 728 | 647 | 580 | 496 | 385 | 258 | 125 | 69.3 | 48.3 | 31.5 | 18.5 | 7.58 | 1.51 | 0.10 | |
| -25 | 1317 | 1228 | 1102 | 989 | 842 | 736 | 650 | 559 | 445 | 321 | 166 | 80.2 | 53.0 | 33.6 | 20.1 | 8.39 | 1.66 | 0.10 | |
| -20 | 1589 | 1443 | 1289 | 1111 | 941 | 814 | 703 | 606 | 488 | 370 | 210 | 93.4 | 57.0 | 35.5 | 21.5 | 9.15 | 1.78 | 0.10 | |
| -15 | 1878 | 1677 | 1459 | 1245 | 1032 | 873 | 745 | 640 | 520 | 405 | 249 | 107 | 60.1 | 37.1 | 22.5 | 9.73 | 1.87 | 0.10 | |
| -10 | 2106 | 1882 | 1619 | 1356 | 1086 | 921 | 780 | 665 | 543 | 428 | 274 | 118 | 62.3 | 38.2 | 23.3 | 10.1 | 1.94 | 0.10 | |
| -5 | 2255 | 2017 | 1707 | 1430 | 1150 | 954 | 801 | 679 | 558 | 439 | 288 | 124 | 63.7 | 38.5 | 23.7 | 10.4 | 1.97 | 0.10 | |
| 0 | 2301 | 2034 | 1721 | 1431 | 1141 | 955 | 803 | 682 | 558 | 442 | 290 | 125 | 64.0 | 38.3 | 23.7 | 10.4 | 1.99 | 0.10 | |
| 5 | 2068 | 1835 | 1580 | 1322 | 1066 | 903 | 768 | 658 | 541 | 427 | 278 | 120 | 62.8 | 38.3 | 23.5 | 10.3 | 1.97 | 0.10 | |
| 10 | 1838 | 1642 | 1423 | 1217 | 1008 | 852 | 728 | 626 | 511 | 403 | 255 | 110 | 60.6 | 37.6 | 22.9 | 9.99 | 1.92 | 0.10 | |
| 15 | 1548 | 1417 | 1257 | 1089 | 912 | 788 | 683 | 592 | 482 | 372 | 222 | 98.3 | 57.7 | 36.4 | 21.9 | 9.52 | 1.85 | 0.10 | |
| 20 | 1285 | 1194 | 1073 | 956 | 819 | 716 | 628 | 549 | 441 | 331 | 182 | 84.1 | 54.3 | 34.6 | 20.6 | 8.88 | 1.76 | 0.10 | |
| 25 | 1052 | 989 | 916 | 820 | 721 | 645 | 569 | 496 | 394 | 278 | 141 | 73.2 | 50.5 | 32.4 | 19.2 | 8.10 | 1.63 | 0.10 | |
| 30 | 880 | 837 | 786 | 708 | 636 | 577 | 513 | 433 | 334 | 214 | 107 | 64.2 | 46.1 | 29.8 | 17.6 | 7.26 | 1.49 | 0.10 | |
| 35 | 737 | 708 | 670 | 617 | 559 | 509 | 450 | 364 | 257 | 149 | 81.5 | 57.2 | 41.4 | 26.9 | 15.7 | 6.30 | 1.32 | 0.10 | |
| 40 | 618 | 599 | 569 | 524 | 480 | 431 | 366 | 273 | 172 | 99.7 | 65.4 | 50.8 | 36.5 | 23.9 | 13.5 | 5.33 | 1.16 | 0.10 | |
| 45 | 495 | 481 | 456 | 417 | 376 | 319 | 250 | 167 | 105 | 70.3 | 55.1 | 43.4 | 31.4 | 20.5 | 11.3 | 4.33 | 1.00 | 0.10 | |
| 50 | 386 | 368 | 336 | 299 | 254 | 197 | 137 | 96.5 | 70.2 | 56.5 | 46.0 | 36.1 | 26.3 | 17.1 | 9.11 | 3.44 | 0.84 | 0.10 | |
| 55 | 237 | 219 | 191 | 160 | 131 | 99.0 | 76.2 | 63.0 | 54.5 | 45.5 | 36.9 | 28.7 | 21.0 | 13.4 | 6.95 | 2.62 | 0.68 | 0.10 | |
| 60 | 102 | 95.1 | 83.7 | 74.2 | 67.1 | 60.1 | 53.7 | 47.8 | 41.5 | 34.9 | 28.2 | 21.7 | 15.7 | 9.80 | 4.94 | 1.92 | 0.54 | 0.10 | |
| 65 | 52.9 | 53.1 | 51.3 | 49.2 | 46.6 | 43.2 | 38.8 | 34.1 | 29.5 | 24.5 | 19.4 | 15.1 | 10.6 | 6.54 | 3.23 | 1.38 | 0.40 | 0.10 | |
| 70 | 33.0 | 33.5 | 33.3 | 32.4 | 30.8 | 28.4 | 25.1 | 21.2 | 17.6 | 14.7 | 12.0 | 9.07 | 6.26 | 3.78 | 1.93 | 0.93 | 0.32 | 0.10 | |
| 75 | 19.1 | 19.0 | 18.8 | 18.1 | 17.1 | 15.4 | 12.9 | 10.7 | 9.10 | 7.50 | 5.97 | 4.31 | 2.98 | 1.84 | 1.11 | 0.59 | 0.27 | 0.10 | |
| 80 | 7.50 | 7.51 | 7.25 | 6.85 | 6.19 | 5.48 | 4.66 | 3.90 | 3.31 | 2.74 | 2.09 | 1.51 | 1.16 | 0.85 | 0.56 | 0.36 | 0.22 | 0.10 | |
| 85 | 1.19 | 1.19 | 1.12 | 1.02 | 0.98 | 0.92 | 0.81 | 0.71 | 0.66 | 0.59 | 0.49 | 0.43 | 0.36 | 0.33 | 0.30 | 0.27 | 0.18 | 0.10 | |
| 90 | 0.13 | 0.13 | 0.13 | 0.13 | 0.14 | 0.14 | 0.15 | 0.15 | 0.15 | 0.16 | 0.16 | 0.16 | 0.17 | 0.17 | 0.17 | 0.18 | 0.14 | 0.10 | |

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:LITPA
Test Date:07/05/2021

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:7.200m [K=1.0000]
Remarks: KYH-225WATT-60°