

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

|                                                         |                                                                     |
|---------------------------------------------------------|---------------------------------------------------------------------|
| Maximum Intensity<br>(Luminaire orientation as tested.) | 358.5 cd per klm.<br>0.0 degrees vertical<br>0.0 degrees horizontal |
|---------------------------------------------------------|---------------------------------------------------------------------|

|             |                |                 |
|-------------|----------------|-----------------|
| Beam Spread | At 10% of Imax | 154.1V x 164.6H |
|             | At 50% of Imax | 111.4V x 106.5H |
|             | At 90% of Imax | 55.8V x 45.7H   |

|           |                |                       |
|-----------|----------------|-----------------------|
| Beam Flux | Total          | 997.8 lumens per klm. |
|           | To 10% of Imax | 983.0 lumens per klm. |
|           | To 50% of Imax | 729.7 lumens per klm. |
|           | To 90% of Imax | 200.2 lumens per klm. |

|              |        |
|--------------|--------|
| Upward LOR   | 0.0 %  |
| Downward LOR | 99.8 % |

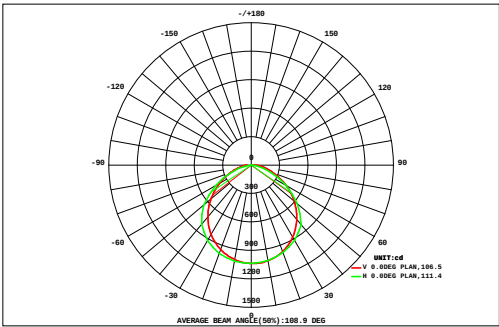
|                                          |         |
|------------------------------------------|---------|
| Luminaire Efficiency(Light Output Ratio) | 100.0 % |
|------------------------------------------|---------|

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:28.0DEG  
Operators:QC1  
Test Date:2024-12-27

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.0.354  
Humidity:83%  
Test Distance:8.300m [K=1.0000]  
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

|                                                                               |       |                       |
|-------------------------------------------------------------------------------|-------|-----------------------|
| Test:U:220.9V I:0.2170A P:29.28W PF:1.000 Freq:50.00Hz Lamp Flux:2896.09x1 lm |       |                       |
| NAME: 8.02.003.0448 LLS-COVE1-W40-L12-DIM                                     | TYPE: | WEIGHT:               |
| SPEC.:                                                                        | DIM.: | SERIAL No.:2024120095 |
| MFR.: TPK OPTOELECTRONIC TECH CO., LTD                                        | SUR.: | Shielding Angle:      |



| DATA OF LAMP             |          | Eff:98.90lm/W   |             |
|--------------------------|----------|-----------------|-------------|
| MODELS-COVE1-W40-L12-DIM | Imax(cd) | 1038            |             |
| NOMINAL POWER(W)         | 29       | AVAILABILITY(%) | 98.7        |
| RATED VOLTAGE(V)         | 220      | Avai. FLUX(lm)  | 2860        |
| NOMINAL FLUX(lm)         | 2896.09  | LOR(%)          | 100.0       |
| LAMPS INSIDE             | 1        | TOTAL FLUX(lm)  | 2896        |
| TEST VOLTAGE(V)          | 220      | θ @50%(H,V)     | 106, 111DEG |

| AREA FLUX DIAGRAM |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | UNIT:lm | Φ t  | Φ a  |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------|------|------|
| 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 |
| 80                | 0.20 | 0.76 | 1.55 | 2.53 | 3.32 | 3.86 | 4.10 | 4.11 | 4.06 | 4.07 | 4.14 | 4.08 | 3.75 | 3.15 | 2.31 | 1.39 | 0.67 | 0.18    | 48.2 | 41.2 |
| 70                | 0.19 | 0.80 | 1.87 | 3.38 | 5.10 | 6.78 | 8.15 | 9.12 | 9.60 | 9.55 | 8.99 | 7.95 | 6.51 | 4.79 | 3.09 | 1.68 | 0.71 | 0.17    | 88.4 | 87.0 |
| 60                | 0.21 | 0.98 | 2.47 | 4.67 | 7.48 | 10.5 | 13.3 | 15.3 | 16.4 | 16.3 | 15.1 | 12.9 | 10.0 | 6.96 | 4.25 | 2.20 | 0.87 | 0.18    | 140  | 139  |
| 50                | 0.23 | 1.15 | 3.05 | 5.97 | 9.71 | 13.9 | 17.9 | 20.9 | 22.4 | 22.3 | 20.5 | 17.2 | 13.2 | 9.04 | 5.41 | 2.73 | 1.03 | 0.20    | 187  | 186  |
| 40                | 0.24 | 1.32 | 3.56 | 7.12 | 11.6 | 16.5 | 21.1 | 24.6 | 26.4 | 26.2 | 24.0 | 20.4 | 15.7 | 10.9 | 6.52 | 3.21 | 1.17 | 0.22    | 221  | 220  |
| 30                | 0.26 | 1.45 | 3.99 | 8.01 | 13.1 | 18.5 | 23.4 | 27.1 | 29.0 | 28.8 | 26.6 | 22.7 | 17.7 | 12.3 | 7.39 | 3.59 | 1.29 | 0.23    | 245  | 245  |
| 20                | 0.27 | 1.53 | 4.27 | 8.61 | 14.0 | 19.7 | 24.9 | 28.7 | 30.6 | 30.4 | 28.2 | 24.1 | 18.9 | 13.2 | 7.96 | 3.87 | 1.36 | 0.23    | 261  | 261  |
| 10                | 0.27 | 1.57 | 4.41 | 8.88 | 14.4 | 20.3 | 25.5 | 29.4 | 31.3 | 31.1 | 28.9 | 24.8 | 19.5 | 13.7 | 8.28 | 4.01 | 1.40 | 0.24    | 268  | 268  |
| 0                 | 0.25 | 1.58 | 4.45 | 8.94 | 14.5 | 20.3 | 25.5 | 29.3 | 31.2 | 31.0 | 28.7 | 24.6 | 19.3 | 13.6 | 8.17 | 3.95 | 1.38 | 0.23    | 267  | 267  |
| -10               | 0.19 | 1.53 | 4.38 | 8.73 | 14.1 | 19.7 | 24.7 | 28.5 | 30.4 | 30.1 | 27.8 | 23.7 | 18.5 | 12.9 | 7.70 | 3.70 | 1.27 | 0.18    | 258  | 258  |
| -20               | 0.14 | 1.21 | 3.94 | 8.02 | 13.0 | 18.3 | 23.2 | 26.9 | 28.8 | 28.5 | 26.2 | 22.3 | 17.3 | 11.9 | 7.09 | 3.42 | 1.11 | 0.14    | 242  | 241  |
| -30               | 0.14 | 0.88 | 3.21 | 7.02 | 11.5 | 16.3 | 20.9 | 24.5 | 26.4 | 26.1 | 23.9 | 20.1 | 15.4 | 10.5 | 6.23 | 2.96 | 0.89 | 0.15    | 217  | 216  |
| -40               | 0.16 | 0.75 | 2.39 | 5.78 | 9.64 | 13.9 | 17.9 | 20.9 | 22.4 | 22.1 | 20.2 | 16.9 | 12.8 | 8.68 | 5.12 | 2.33 | 0.79 | 0.14    | 183  | 182  |
| -50               | 0.18 | 0.68 | 1.83 | 4.28 | 7.52 | 10.7 | 13.5 | 15.3 | 16.1 | 15.8 | 14.5 | 12.4 | 9.70 | 6.66 | 3.93 | 1.78 | 0.71 | 0.13    | 136  | 134  |
| -60               | 0.16 | 0.61 | 1.34 | 2.96 | 5.30 | 7.11 | 8.40 | 9.24 | 9.57 | 9.31 | 8.59 | 7.47 | 6.07 | 4.51 | 2.75 | 1.35 | 0.56 | 0.12    | 85.4 | 82.7 |
| -70               | 0.15 | 0.50 | 0.95 | 1.88 | 3.13 | 3.79 | 4.11 | 4.13 | 3.98 | 3.78 | 3.60 | 3.38 | 3.01 | 2.47 | 1.64 | 0.93 | 0.41 | 0.11    | 42.0 | 32.1 |
| -80               | 0.07 | 0.21 | 0.35 | 0.61 | 0.87 | 0.90 | 0.77 | 0.54 | 0.36 | 0.30 | 0.35 | 0.48 | 0.59 | 0.61 | 0.43 | 0.30 | 0.16 | 0.05    | 7.91 | 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 |
| Φ t               | 3.29 | 17.5 | 48.0 | 97.4 | 158  | 221  | 277  | 319  | 339  | 336  | 310  | 266  | 208  | 146  | 88.2 | 43.4 | 15.8 | 2.88    | 2896 | ---  |
| Φ a               | 0.78 | 13.5 | 45.8 | 96.0 | 157  | 220  | 276  | 317  | 337  | 334  | 308  | 264  | 206  | 144  | 86.6 | 40.9 | 11.7 | 0.30    | ---  | 2860 |

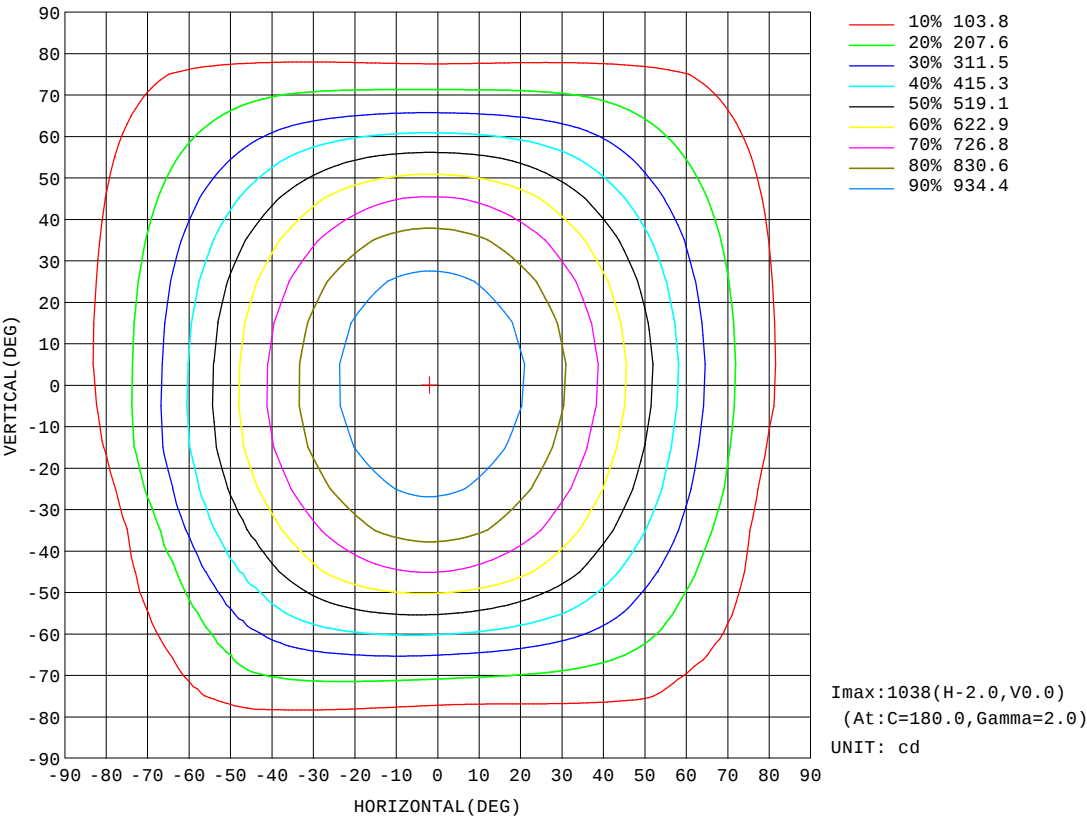
one-half-peak spread: U:55.6,D:56.3 , L:52.6,R:54.5 NEMA Beam Type: Type 7

H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:28.0DEG  
Operators:QC1  
Test Date:2024-12-27

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.354  
Humidity:83%  
Test Distance:8.300m [K=1.0000]  
Remarks:

ISOCANDELA DIAGRAM

|                                                                               |       |                       |
|-------------------------------------------------------------------------------|-------|-----------------------|
| Test:U:220.9V I:0.2170A P:29.28W PF:1.000 Freq:50.00Hz Lamp Flux:2896.09x1 lm |       |                       |
| NAME: 8.02.003.0448 LLS-COVE1-W40-L12-DIM                                     | TYPE: | WEIGHT:               |
| SPEC.:                                                                        | DIM.: | SERIAL No.:2024120095 |
| MFR.: TPK OPTOELECTRONIC TECH CO., LTD                                        | SUR.: | Shielding Angle:      |

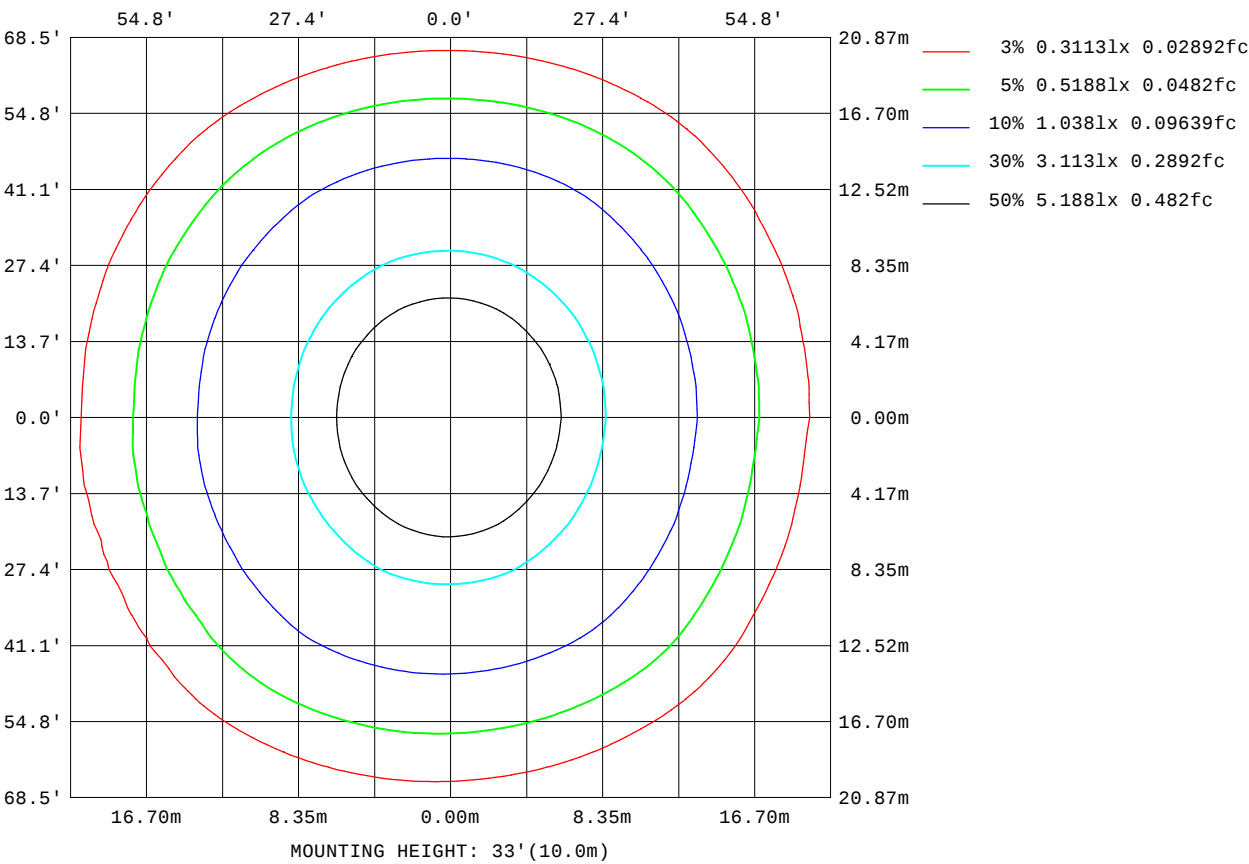


H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:28.0DEG  
Operators:QC1  
Test Date:2024-12-27

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.0.354  
Humidity:83%  
Test Distance:8.300m [K=1.0000]  
Remarks:

ISOLUX DIAGRAM

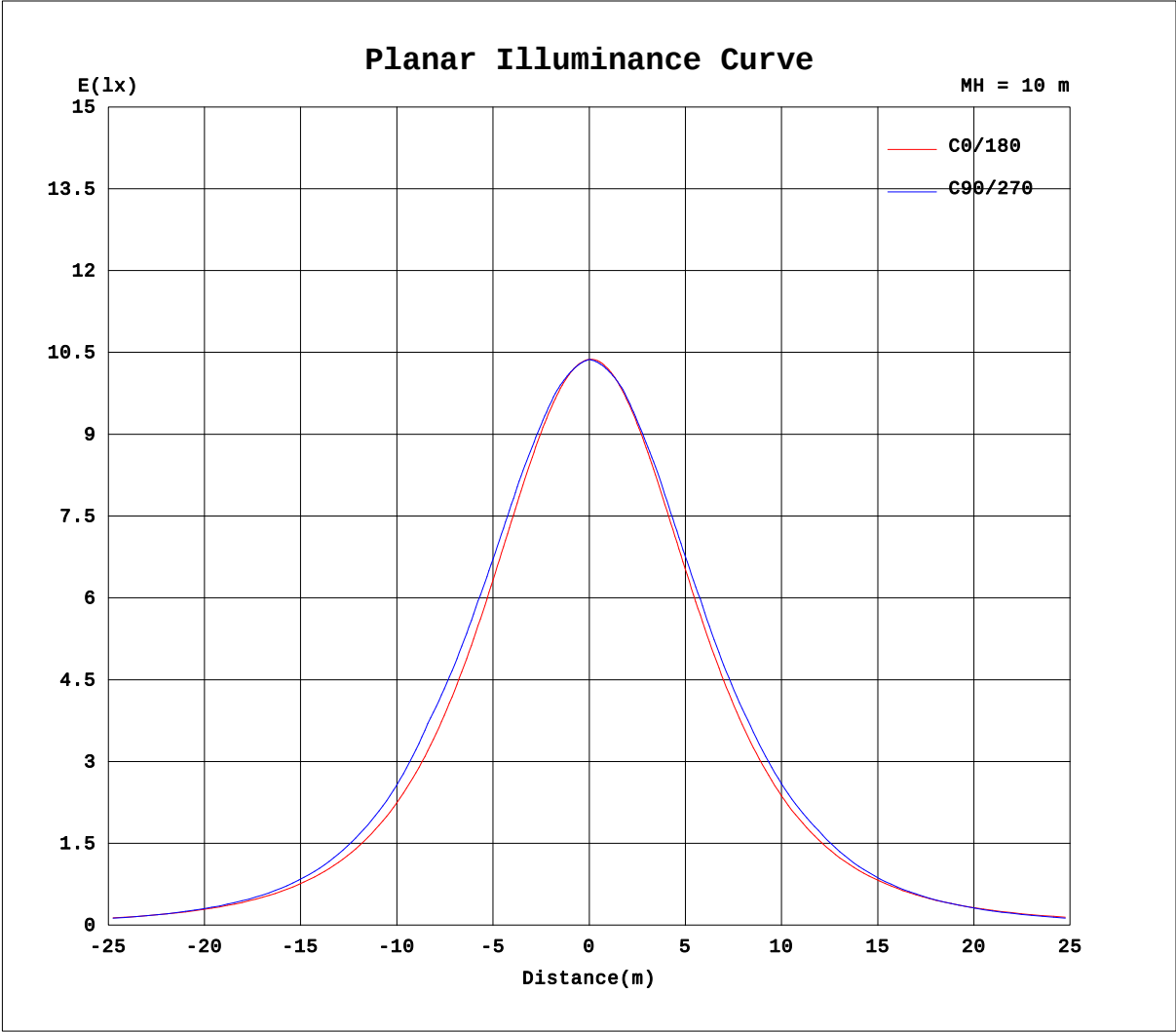
|                                                                               |       |                       |
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| SPEC.:                                                                        | DIM.: | SERIAL No.:2024120095 |
| MFR.: TPK OPTOELECTRONIC TECH CO., LTD                                        | SUR.: | Shielding Angle:      |



H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:28.0DEG  
Operators:QC1  
Test Date:2024-12-27

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.0.354  
Humidity:83%  
Test Distance:8.300m [K=1.0000]  
Remarks:

Planar Illuminance Curve

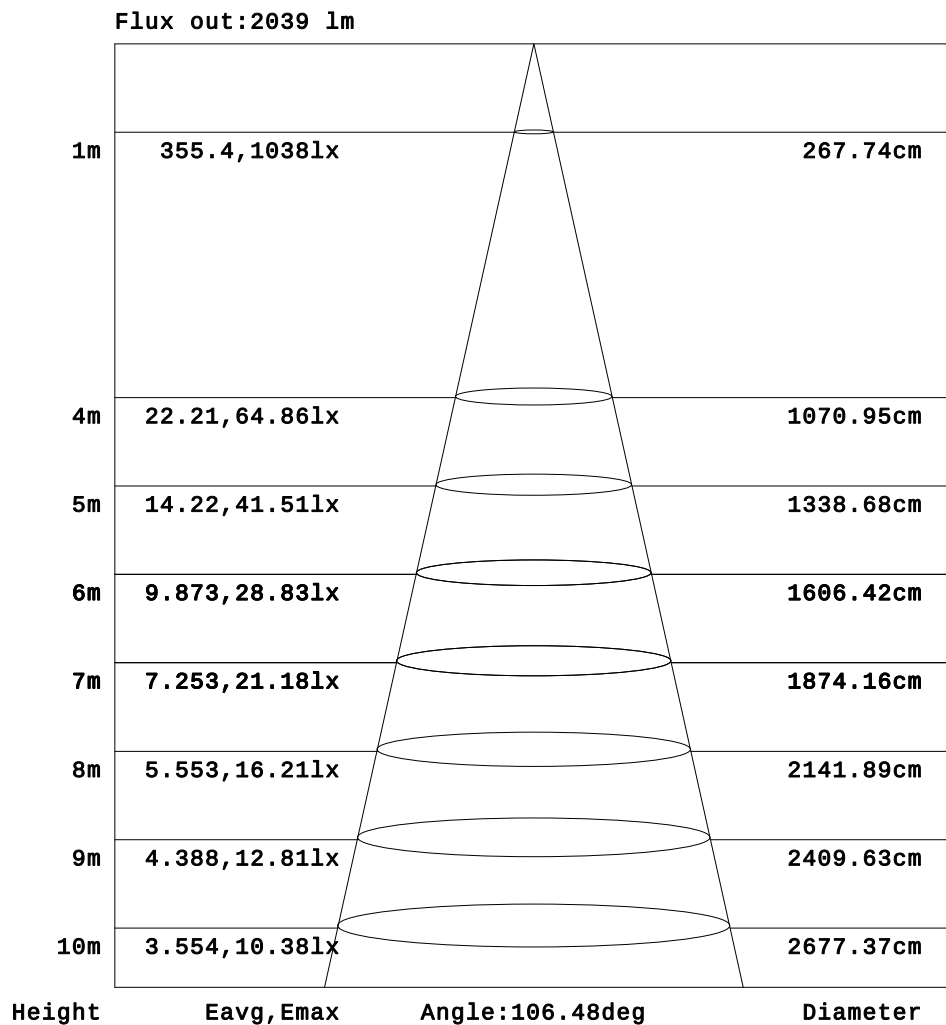


H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:28.0DEG  
Operators:QC1  
Test Date:2024-12-27

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
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Humidity:83%  
Test Distance:8.300m [K=1.0000]  
Remarks:

## AAI Figure

|                                                                               |       |                       |
|-------------------------------------------------------------------------------|-------|-----------------------|
| Test:U:220.9V I:0.2170A P:29.28W PF:1.000 Freq:50.00Hz Lamp Flux:2896.09x1 lm |       |                       |
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| SPEC.:                                                                        | DIM.: | SERIAL No.:2024120095 |
| MFR.: TPK OPTOELECTRONIC TECH CO., LTD                                        | 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: 1.0DEG  
Test Speed: HIGH  
Temperature:28.0DEG  
Operators:QC1  
Test Date:2024-12-27

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.0.354  
Humidity:83%  
Test Distance:8.300m [K=1.0000]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                               |       |                       |
|-------------------------------------------------------------------------------|-------|-----------------------|
| Test:U:220.9V I:0.2170A P:29.28W PF:1.000 Freq:50.00Hz Lamp Flux:2896.09x1 lm |       |                       |
| NAME: 8.02.003.0448 LLS-COVE1-W40-L12-DIM                                     | TYPE: | WEIGHT:               |
| SPEC.:                                                                        | DIM.: | SERIAL No.:2024120095 |
| MFR.: TPK OPTOELECTRONIC TECH CO., LTD                                        | SUR.: | Shielding Angle:      |

| Table--1    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | UNIT: cd |      |
|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------|------|
| H(°) \ V(°) | -90  | -85  | -80  | -75  | -70  | -65  | -60  | -55  | -50  | -45  | -40  | -35  | -30  | -25  | -20  | -15  | -10  | -5       | 0    |
| -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 |
| -85         | 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         | 48.7 | 51.2 | 53.1 | 56.5 | 57.2 | 59.9 | 69.4 | 81.9 | 95.6 | 104  | 105  | 100  | 95.1 | 88.6 | 81.0 | 73.3 | 66.0 | 60.1     | 56.2 |
| -75         | 49.1 | 53.4 | 58.7 | 63.0 | 66.7 | 71.5 | 88.2 | 109  | 130  | 150  | 155  | 157  | 157  | 155  | 151  | 146  | 142  | 137      | 134  |
| -70         | 49.5 | 55.5 | 64.3 | 69.5 | 76.2 | 83.0 | 107  | 135  | 164  | 195  | 206  | 213  | 218  | 220  | 221  | 220  | 218  | 215      | 211  |
| -65         | 48.8 | 57.7 | 68.3 | 75.1 | 84.7 | 102  | 132  | 168  | 208  | 248  | 269  | 286  | 298  | 306  | 313  | 316  | 318  | 317      | 314  |
| -60         | 48.0 | 59.8 | 72.3 | 80.6 | 93.3 | 120  | 158  | 201  | 252  | 300  | 332  | 358  | 377  | 392  | 405  | 413  | 419  | 420      | 417  |
| -55         | 47.8 | 61.2 | 72.9 | 83.6 | 103  | 139  | 187  | 241  | 301  | 350  | 390  | 427  | 459  | 484  | 503  | 516  | 525  | 528      | 526  |
| -50         | 47.6 | 62.7 | 73.5 | 86.6 | 112  | 158  | 216  | 280  | 351  | 400  | 449  | 496  | 541  | 576  | 601  | 620  | 631  | 637      | 635  |
| -45         | 45.6 | 57.6 | 72.6 | 89.2 | 128  | 182  | 250  | 327  | 392  | 447  | 500  | 552  | 602  | 644  | 677  | 703  | 720  | 729      | 729  |
| -40         | 43.7 | 52.6 | 71.8 | 91.7 | 145  | 206  | 285  | 374  | 434  | 494  | 552  | 609  | 663  | 711  | 753  | 786  | 808  | 821      | 823  |
| -35         | 35.5 | 49.8 | 70.8 | 102  | 166  | 244  | 322  | 402  | 467  | 531  | 593  | 653  | 708  | 757  | 800  | 832  | 854  | 868      | 870  |
| -30         | 27.4 | 46.9 | 69.8 | 113  | 187  | 283  | 359  | 430  | 501  | 569  | 635  | 697  | 754  | 804  | 846  | 878  | 901  | 915      | 916  |
| -25         | 23.7 | 45.9 | 76.1 | 136  | 219  | 299  | 380  | 455  | 529  | 600  | 668  | 732  | 790  | 840  | 881  | 913  | 936  | 948      | 949  |
| -20         | 20.0 | 45.0 | 82.4 | 159  | 251  | 315  | 401  | 479  | 557  | 632  | 702  | 767  | 825  | 875  | 916  | 948  | 970  | 982      | 982  |
| -15         | 13.7 | 49.5 | 110  | 179  | 259  | 329  | 413  | 493  | 573  | 650  | 721  | 786  | 845  | 895  | 936  | 968  | 990  | 1001     | 1002 |
| -10         | 7.35 | 54.0 | 137  | 198  | 267  | 342  | 424  | 508  | 590  | 668  | 740  | 806  | 865  | 915  | 956  | 989  | 1010 | 1021     | 1021 |
| -5          | 8.95 | 70.3 | 136  | 195  | 263  | 340  | 424  | 508  | 591  | 670  | 744  | 811  | 870  | 921  | 963  | 995  | 1017 | 1029     | 1029 |
| 0           | 10.6 | 86.5 | 134  | 192  | 259  | 338  | 423  | 508  | 592  | 673  | 747  | 816  | 876  | 928  | 970  | 1002 | 1024 | 1036     | 1038 |
| 5           | 26.5 | 87.3 | 134  | 191  | 258  | 336  | 419  | 504  | 587  | 667  | 741  | 810  | 870  | 922  | 965  | 997  | 1019 | 1031     | 1033 |
| 10          | 42.5 | 88.0 | 133  | 190  | 257  | 333  | 415  | 499  | 582  | 661  | 736  | 804  | 865  | 917  | 960  | 992  | 1014 | 1026     | 1028 |
| 15          | 44.1 | 86.9 | 131  | 186  | 251  | 325  | 406  | 488  | 568  | 646  | 719  | 787  | 847  | 899  | 942  | 974  | 996  | 1008     | 1010 |
| 20          | 45.7 | 85.9 | 129  | 182  | 245  | 316  | 397  | 476  | 555  | 631  | 703  | 770  | 829  | 881  | 924  | 955  | 977  | 989      | 991  |
| 25          | 45.5 | 84.0 | 125  | 176  | 236  | 303  | 378  | 454  | 530  | 603  | 673  | 738  | 796  | 846  | 889  | 920  | 942  | 955      | 956  |
| 30          | 45.3 | 82.1 | 121  | 170  | 226  | 291  | 360  | 432  | 505  | 575  | 643  | 705  | 762  | 812  | 854  | 886  | 907  | 920      | 921  |
| 35          | 45.7 | 80.1 | 116  | 161  | 213  | 272  | 335  | 403  | 471  | 537  | 600  | 659  | 714  | 762  | 802  | 833  | 855  | 866      | 867  |
| 40          | 46.1 | 78.1 | 111  | 151  | 199  | 254  | 311  | 374  | 437  | 498  | 557  | 614  | 666  | 712  | 751  | 781  | 802  | 813      | 814  |
| 45          | 46.1 | 75.6 | 105  | 141  | 184  | 233  | 284  | 339  | 394  | 449  | 502  | 553  | 601  | 644  | 678  | 705  | 723  | 733      | 734  |
| 50          | 46.1 | 73.1 | 99.4 | 131  | 170  | 212  | 257  | 304  | 352  | 400  | 447  | 493  | 536  | 575  | 606  | 629  | 645  | 654      | 655  |
| 55          | 45.8 | 70.5 | 93.4 | 121  | 153  | 190  | 228  | 266  | 306  | 347  | 385  | 422  | 454  | 483  | 506  | 524  | 535  | 542      | 543  |
| 60          | 45.6 | 68.0 | 87.4 | 110  | 136  | 167  | 198  | 229  | 261  | 293  | 323  | 351  | 372  | 390  | 406  | 418  | 426  | 431      | 431  |
| 65          | 45.4 | 64.5 | 81.2 | 99.6 | 121  | 145  | 170  | 194  | 217  | 239  | 259  | 277  | 290  | 301  | 310  | 317  | 322  | 324      | 324  |
| 70          | 45.3 | 61.0 | 74.9 | 89.0 | 105  | 122  | 142  | 159  | 174  | 185  | 195  | 202  | 208  | 212  | 215  | 216  | 217  | 217      | 217  |
| 75          | 45.6 | 57.9 | 68.9 | 79.5 | 90.8 | 103  | 117  | 128  | 136  | 141  | 145  | 146  | 147  | 146  | 144  | 142  | 140  | 138      | 138  |
| 80          | 46.0 | 54.7 | 62.9 | 69.9 | 77.1 | 84.5 | 92.5 | 97.7 | 98.1 | 97.1 | 94.5 | 90.5 | 85.3 | 79.4 | 73.1 | 67.1 | 62.3 | 59.5     | 58.8 |
| 85          | 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 |

H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:28.0DEG  
Operators:QC1  
Test Date:2024-12-27

V(β) Range:-80 - 80DEG  
V(β) Interval: 5.0DEG  
Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.0.354  
Humidity:83%  
Test Distance:8.300m [K=1.0000]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                               |       |                       |
|-------------------------------------------------------------------------------|-------|-----------------------|
| Test:U:220.9V I:0.2170A P:29.28W PF:1.000 Freq:50.00Hz Lamp Flux:2896.09x1 lm |       |                       |
| NAME: 8.02.003.0448 LLS-COVE1-W40-L12-DIM                                     | TYPE: | WEIGHT:               |
| SPEC.:                                                                        | DIM.: | SERIAL No.:2024120095 |
| MFR.: TPK OPTOELECTRONIC TECH CO., LTD                                        | SUR.: | Shielding 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       |  |
| -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     |  |
| -85         | 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         | 54.5 | 55.0 | 57.6 | 61.4 | 65.8 | 70.0 | 73.5 | 76.1 | 77.2 | 74.7 | 62.2 | 56.9 | 55.5 | 49.0 | 43.4 | 39.4 | 36.1 | 32.3     |  |
| -75         | 131  | 129  | 128  | 128  | 128  | 127  | 125  | 122  | 118  | 111  | 92.9 | 79.8 | 71.9 | 62.9 | 50.4 | 43.4 | 37.6 | 31.7     |  |
| -70         | 207  | 203  | 199  | 195  | 190  | 184  | 177  | 168  | 158  | 147  | 124  | 103  | 88.3 | 76.8 | 57.4 | 47.3 | 39.1 | 31.1     |  |
| -65         | 309  | 302  | 294  | 284  | 273  | 260  | 245  | 228  | 209  | 187  | 157  | 125  | 105  | 87.4 | 68.9 | 50.0 | 41.2 | 31.1     |  |
| -60         | 411  | 401  | 389  | 374  | 355  | 335  | 312  | 288  | 260  | 227  | 191  | 146  | 121  | 98.0 | 80.4 | 52.8 | 43.3 | 31.1     |  |
| -55         | 518  | 507  | 490  | 470  | 445  | 418  | 385  | 347  | 308  | 266  | 225  | 176  | 135  | 109  | 87.4 | 61.6 | 43.6 | 31.2     |  |
| -50         | 626  | 612  | 592  | 566  | 535  | 500  | 457  | 407  | 357  | 305  | 258  | 205  | 149  | 120  | 94.4 | 70.4 | 44.0 | 31.3     |  |
| -45         | 720  | 703  | 678  | 646  | 607  | 562  | 512  | 457  | 401  | 344  | 291  | 236  | 174  | 127  | 98.0 | 72.3 | 44.5 | 30.3     |  |
| -40         | 813  | 794  | 764  | 725  | 678  | 624  | 566  | 507  | 445  | 383  | 323  | 266  | 200  | 134  | 101  | 74.2 | 45.1 | 29.2     |  |
| -35         | 860  | 841  | 812  | 773  | 726  | 672  | 612  | 549  | 484  | 418  | 352  | 288  | 223  | 157  | 107  | 74.5 | 47.7 | 26.2     |  |
| -30         | 907  | 888  | 859  | 822  | 775  | 720  | 658  | 592  | 523  | 452  | 381  | 310  | 247  | 181  | 112  | 74.9 | 50.4 | 23.3     |  |
| -25         | 939  | 920  | 891  | 853  | 807  | 752  | 690  | 622  | 550  | 476  | 402  | 328  | 260  | 195  | 131  | 78.3 | 45.9 | 22.5     |  |
| -20         | 972  | 952  | 923  | 885  | 838  | 784  | 721  | 651  | 576  | 500  | 422  | 346  | 274  | 209  | 150  | 81.7 | 41.5 | 21.7     |  |
| -15         | 992  | 972  | 944  | 906  | 859  | 804  | 741  | 671  | 595  | 517  | 437  | 358  | 282  | 215  | 155  | 96.2 | 49.9 | 14.1     |  |
| -10         | 1012 | 992  | 964  | 927  | 880  | 825  | 761  | 690  | 614  | 534  | 451  | 370  | 290  | 221  | 161  | 111  | 58.3 | 6.60     |  |
| -5          | 1020 | 1002 | 974  | 937  | 891  | 835  | 772  | 701  | 625  | 545  | 461  | 379  | 298  | 227  | 166  | 114  | 67.1 | 23.9     |  |
| 0           | 1029 | 1011 | 984  | 947  | 901  | 846  | 783  | 712  | 636  | 555  | 471  | 387  | 307  | 234  | 171  | 117  | 76.0 | 41.2     |  |
| 5           | 1025 | 1006 | 980  | 943  | 897  | 842  | 779  | 708  | 632  | 552  | 468  | 385  | 304  | 232  | 170  | 117  | 76.0 | 42.7     |  |
| 10          | 1020 | 1002 | 975  | 938  | 892  | 837  | 774  | 704  | 628  | 548  | 465  | 382  | 301  | 230  | 169  | 117  | 76.1 | 44.2     |  |
| 15          | 1001 | 983  | 956  | 919  | 872  | 818  | 755  | 686  | 610  | 532  | 451  | 371  | 294  | 225  | 165  | 115  | 75.2 | 44.2     |  |
| 20          | 983  | 964  | 936  | 899  | 852  | 798  | 736  | 667  | 593  | 516  | 437  | 359  | 286  | 220  | 162  | 113  | 74.3 | 44.2     |  |
| 25          | 948  | 929  | 901  | 864  | 819  | 766  | 705  | 639  | 567  | 493  | 418  | 343  | 273  | 211  | 156  | 110  | 73.5 | 44.5     |  |
| 30          | 913  | 894  | 866  | 830  | 785  | 734  | 675  | 610  | 542  | 470  | 398  | 327  | 261  | 202  | 151  | 108  | 72.7 | 44.8     |  |
| 35          | 859  | 841  | 814  | 779  | 736  | 685  | 628  | 567  | 502  | 436  | 369  | 305  | 245  | 191  | 143  | 103  | 70.6 | 44.9     |  |
| 40          | 806  | 787  | 761  | 728  | 686  | 636  | 582  | 524  | 463  | 402  | 340  | 282  | 229  | 179  | 134  | 98.1 | 68.5 | 45.0     |  |
| 45          | 728  | 712  | 689  | 659  | 621  | 575  | 525  | 472  | 418  | 361  | 307  | 256  | 209  | 165  | 126  | 93.4 | 66.8 | 44.9     |  |
| 50          | 650  | 637  | 618  | 591  | 555  | 513  | 468  | 421  | 373  | 321  | 274  | 230  | 189  | 151  | 117  | 88.7 | 65.2 | 44.9     |  |
| 55          | 539  | 529  | 514  | 494  | 467  | 436  | 402  | 364  | 323  | 281  | 242  | 204  | 168  | 136  | 107  | 83.0 | 62.6 | 44.8     |  |
| 60          | 428  | 421  | 411  | 397  | 379  | 359  | 336  | 306  | 273  | 241  | 209  | 179  | 148  | 121  | 97.6 | 77.3 | 60.1 | 44.7     |  |
| 65          | 322  | 319  | 313  | 304  | 294  | 281  | 266  | 246  | 224  | 201  | 177  | 153  | 129  | 107  | 88.5 | 72.0 | 57.9 | 44.6     |  |
| 70          | 217  | 216  | 214  | 212  | 208  | 203  | 195  | 186  | 175  | 161  | 145  | 128  | 110  | 93.7 | 79.4 | 66.8 | 55.7 | 44.6     |  |
| 75          | 139  | 140  | 142  | 143  | 144  | 144  | 142  | 139  | 134  | 127  | 117  | 105  | 92.7 | 81.0 | 70.6 | 61.3 | 53.0 | 44.1     |  |
| 80          | 60.4 | 64.1 | 69.1 | 74.6 | 80.1 | 84.9 | 88.6 | 91.1 | 92.2 | 92.0 | 89.4 | 82.4 | 75.1 | 68.3 | 61.7 | 55.8 | 50.4 | 43.5     |  |
| 85          | 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     |  |

H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:28.0DEG  
Operators:QC1  
Test Date:2024-12-27

V(B) Range:-80 - 80DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE G0-2000B\_V1 SYSTEM V2.0.354  
Humidity:83%  
Test Distance:8.300m [K=1.0000]  
Remarks: