

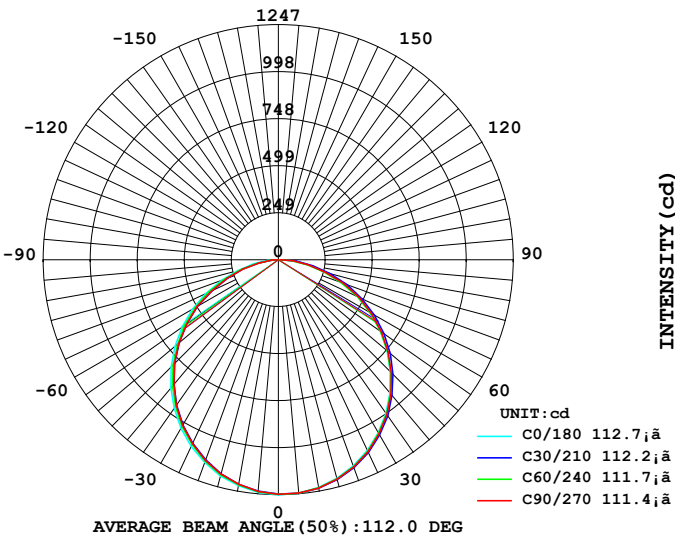
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

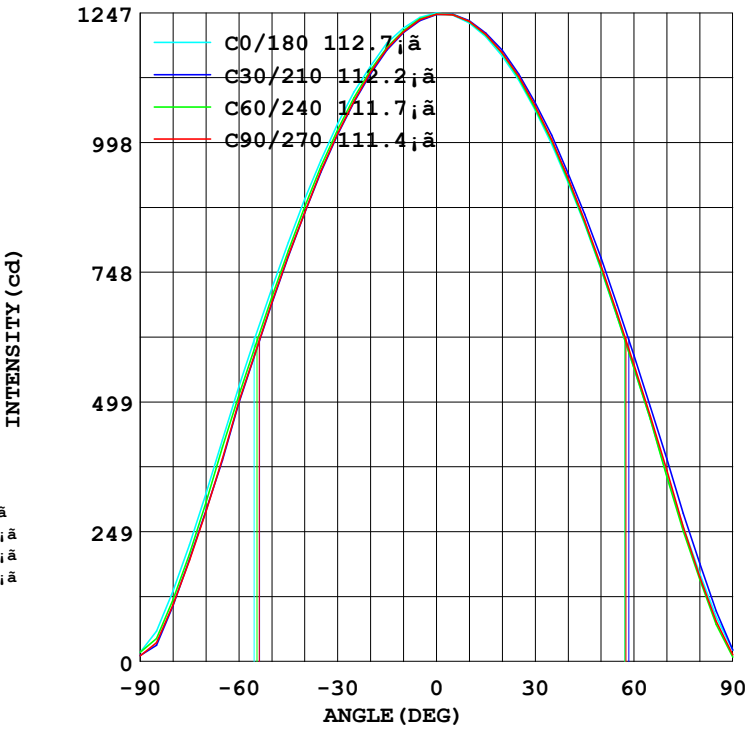
|                                                                      |                       |             |
|----------------------------------------------------------------------|-----------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                       |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                       |             |
| NAME: TRESTLE                                                        | TYPE: 4000K CRI-90    | WEIGHT:     |
| SPECIFICATION: FULHAM-800 MA                                         | DIMENSION: L-3X600 MM | SERIAL No.: |

|                   |         |                     |        |                   |       |
|-------------------|---------|---------------------|--------|-------------------|-------|
| DATA OF LAMP      |         | Imax (cd)           | 1247   | S/MH (C0/180)     | 1.24  |
| MODEL             | TRESTLE | EFFICIENCY (%)      | 100.0  | S/MH (C90/270)    | 1.22  |
| NOMINAL POWER (W) | 35      | TOTAL FLUX (lm)     | 3530.3 | Voltage (V)       | 219.8 |
| RATED VOLTAGE (V) | 220     | EFFICIENCY (lm/W)   | 101.1  | Current (A)       | 0.165 |
| NOMINAL FLUX (lm) | 3530.3  | $\eta$ up (%)       | 0.0    | Power (W)         | 34.91 |
| LAMPS QUANTITY    | 1       | $\eta$ down (%)     | 100.0  | Power Factor (PF) | 0.991 |
| TEST VOLTAGE (V)  | 219.8   | Effictive Flux (lm) | 3466.8 | EEI               | 0.137 |

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800  
Temperature: 25.3 DEG  
Operators:  
Test Date: 06-24-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)  
Humidity: 65.0%  
Test Distance: 10.300 m  
Remarks: 4000K

Color Temperature Data List

Report number:

|                                                                      |                       |             |
|----------------------------------------------------------------------|-----------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                       |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                       |             |
| NAME: TRESTLE                                                        | TYPE: 4000K CRI-90    | WEIGHT:     |
| SPECIFICATION: FULHAM-800 MA                                         | DIMENSION: L-3X600 MM | SERIAL No.: |

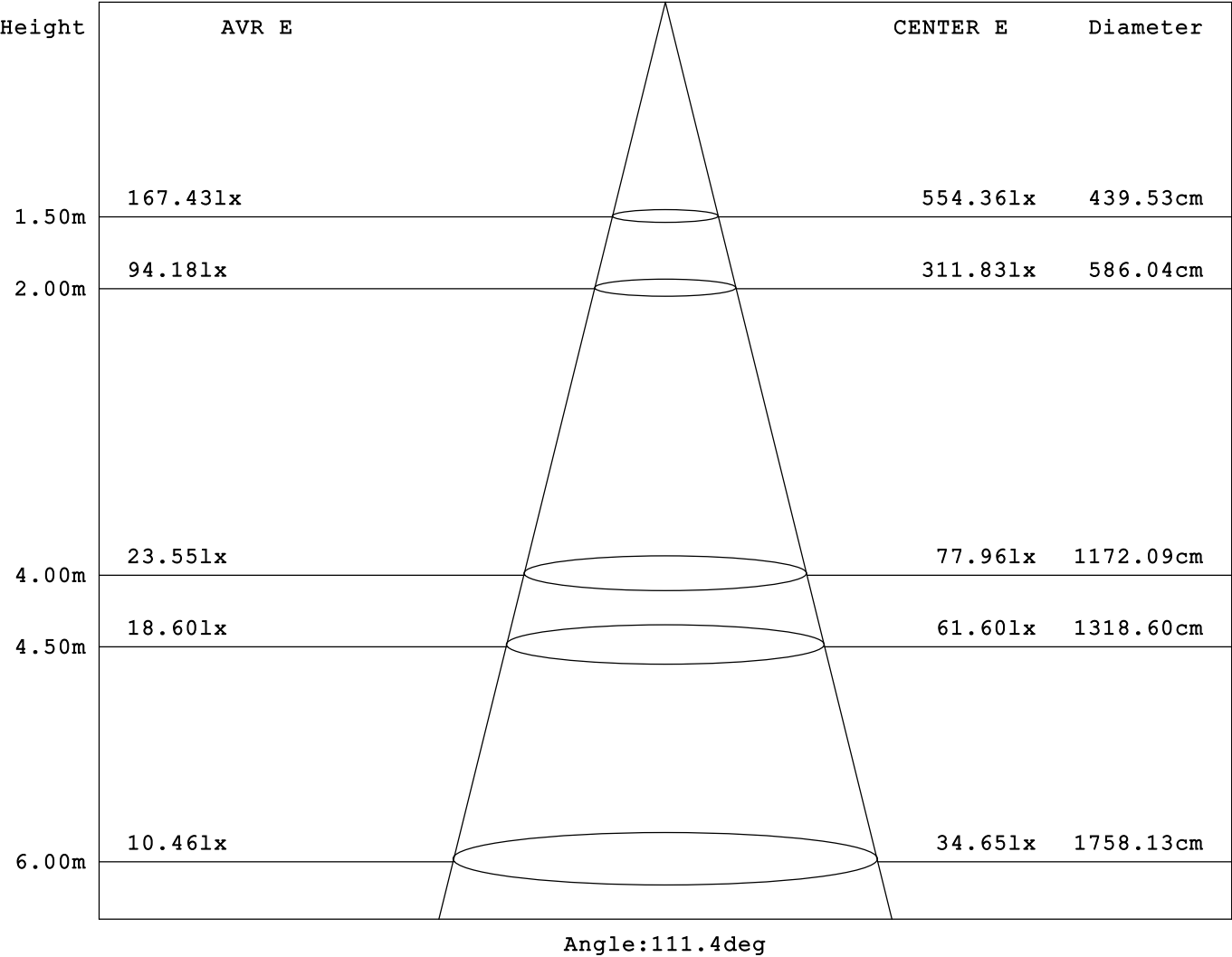
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:06-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:10.300 m  
Remarks: 4000K

AVERAGE AND CENTER E Figure

Report number:

|                                                                      |                       |             |
|----------------------------------------------------------------------|-----------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                       |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                       |             |
| NAME: TRESTLE                                                        | TYPE: 4000K CRI-90    | WEIGHT:     |
| SPECIFICATION: FULHAM-800 MA                                         | DIMENSION: L-3X600 MM | SERIAL No.: |



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:06-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:10.300 m  
Remarks: 4000K

ZONAL FLUX DIAGRAM

Report number:

|                                                                      |                       |             |
|----------------------------------------------------------------------|-----------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                       |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                       |             |
| NAME: TRESTLE                                                        | TYPE: 4000K CRI-90    | WEIGHT:     |
| SPECIFICATION: FULHAM-800 MA                                         | DIMENSION: L-3X600 MM | SERIAL No.: |

| γ     | C0                    | C45   | C90   | C135  | C180  | C225  | C270  | C315  | γ       | Zone    | total |
|-------|-----------------------|-------|-------|-------|-------|-------|-------|-------|---------|---------|-------|
| 10.0  | 1218                  | 1211  | 1211  | 1219  | 1228  | 1231  | 1231  | 1223  | 0- 10   | 117.7   | 117.7 |
| 20.0  | 1145                  | 1134  | 1133  | 1148  | 1165  | 1172  | 1171  | 1157  | 10- 20  | 336.5   | 454.2 |
| 30.0  | 1034                  | 1018  | 1015  | 1037  | 1060  | 1069  | 1069  | 1049  | 20- 30  | 508.2   | 962.5 |
| 40.0  | 888.6                 | 868.3 | 863.1 | 893.8 | 921.3 | 932.1 | 929.8 | 906.3 | 30- 40  | 610.4   | 1573  |
| 50.0  | 716.6                 | 693.7 | 689.2 | 723.0 | 754.0 | 766.2 | 761.4 | 735.6 | 40- 50  | 630.9   | 2204  |
| 60.0  | 527.3                 | 503.4 | 498.6 | 535.2 | 564.5 | 576.0 | 570.4 | 542.0 | 50- 60  | 569.0   | 2773  |
| 70.0  | 321.2                 | 296.5 | 287.2 | 328.4 | 357.3 | 372.0 | 366.7 | 328.3 | 60- 70  | 433.1   | 3206  |
| 80.0  | 134.5                 | 111.8 | 108.1 | 140.9 | 168.3 | 172.3 | 162.2 | 139.4 | 70- 80  | 248.3   | 3455  |
| 90.0  | 17.61                 | 14.21 | 10.92 | 14.16 | 21.11 | 15.33 | 12.62 | 8.328 | 80- 90  | 75.72   | 3530  |
| 100.0 |                       |       |       |       |       |       |       |       | 90-100  |         |       |
| 110.0 |                       |       |       |       |       |       |       |       | 100-110 |         |       |
| 120.0 |                       |       |       |       |       |       |       |       | 110-120 |         |       |
| 130.0 |                       |       |       |       |       |       |       |       | 120-130 |         |       |
| 140.0 |                       |       |       |       |       |       |       |       | 130-140 |         |       |
| 150.0 |                       |       |       |       |       |       |       |       | 140-150 |         |       |
| 160.0 |                       |       |       |       |       |       |       |       | 150-160 |         |       |
| 170.0 |                       |       |       |       |       |       |       |       | 160-170 |         |       |
| 180.0 |                       |       |       |       |       |       |       |       | 170-180 |         |       |
| DEG   | LUMINOUS INTENSITY:cd |       |       |       |       |       |       |       |         | UNIT:lm |       |

Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:06-24-2025

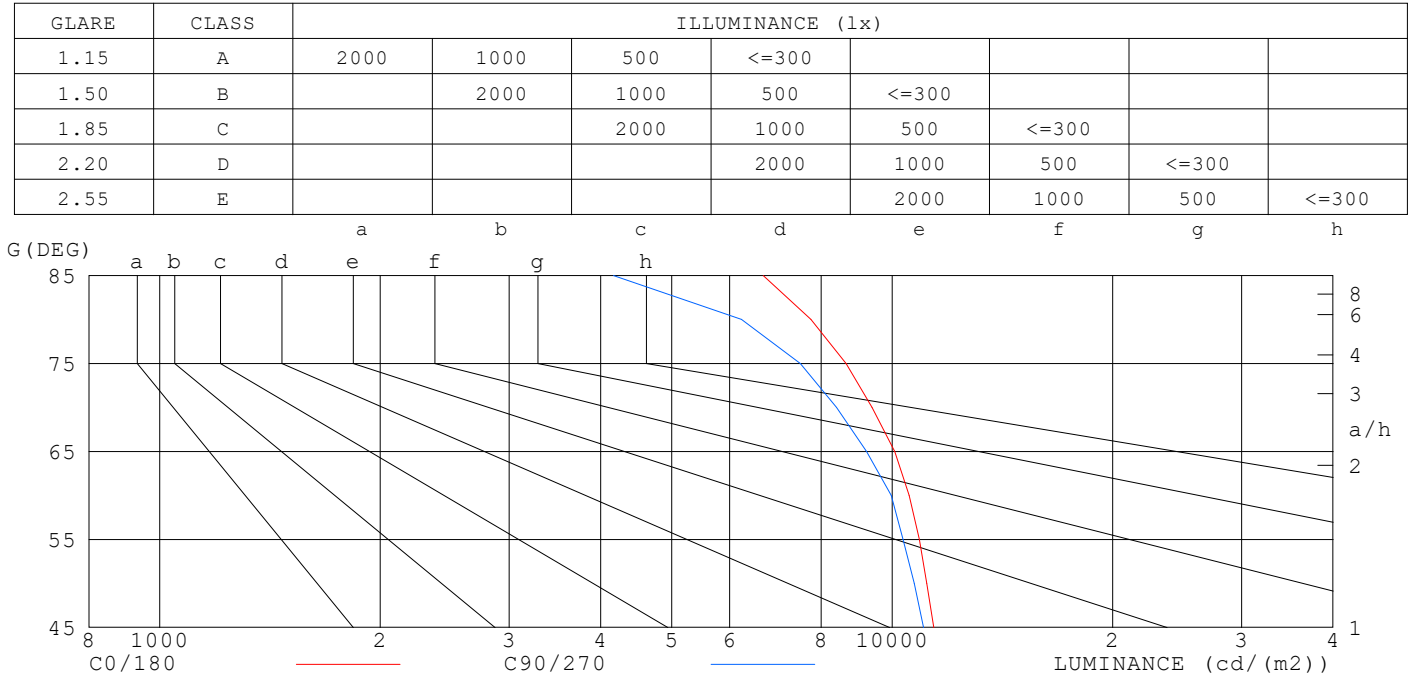
Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:10.300 m  
Remarks: 4000K

LUMINANCE LIMITATION CURVES

Report number:

|                                                                      |                       |             |
|----------------------------------------------------------------------|-----------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                       |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                       |             |
| NAME: TRESTLE                                                        | TYPE: 4000K CRI-90    | WEIGHT:     |
| SPECIFICATION: FULHAM-800 MA                                         | DIMENSION: L-3X600 MM | SERIAL No.: |

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

| G (DEG) | C0/180 | C90/270 |
|---------|--------|---------|
| 85      | 6671   | 4163    |
| 80      | 7747   | 6226    |
| 75      | 8657   | 7493    |
| 70      | 9392   | 8400    |
| 65      | 10086  | 9225    |
| 60      | 10547  | 9972    |
| 55      | 10891  | 10356   |
| 50      | 11149  | 10723   |
| 45      | 11397  | 11039   |

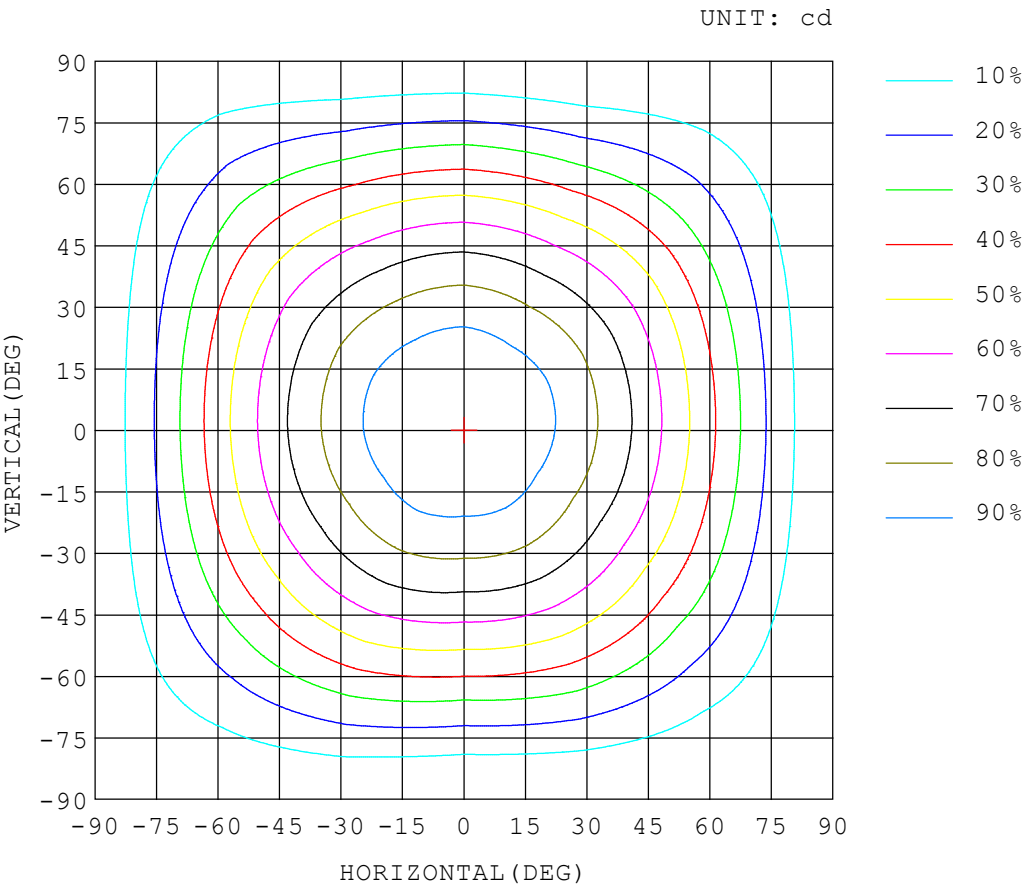
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:06-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:10.300 m  
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

|                                                                      |                       |             |
|----------------------------------------------------------------------|-----------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                       |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                       |             |
| NAME: TRESTLE                                                        | TYPE: 4000K CRI-90    | WEIGHT:     |
| SPECIFICATION: FULHAM-800 MA                                         | DIMENSION: L-3X600 MM | SERIAL No.: |



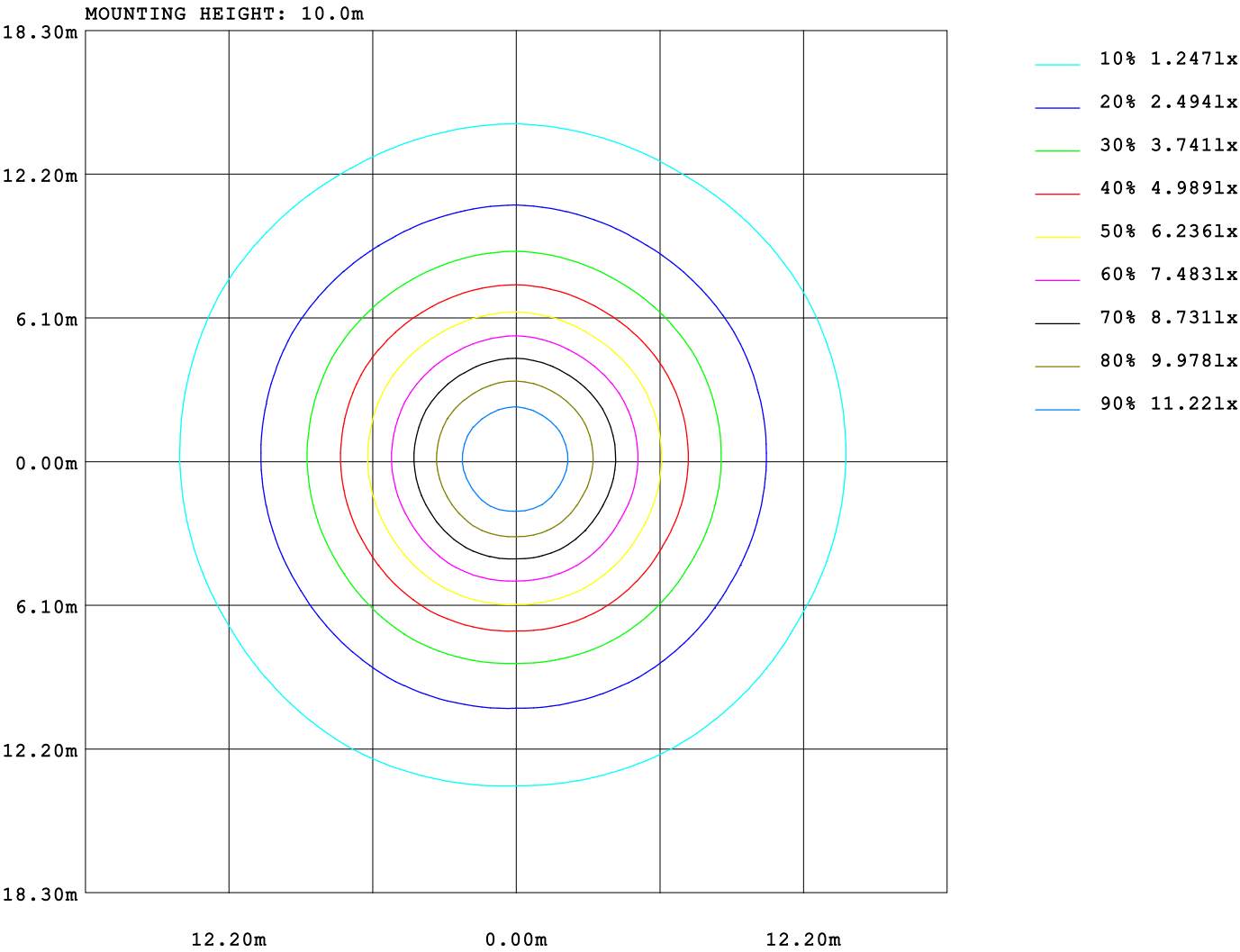
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:06-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:10.300 m  
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

|                                                                      |                       |             |
|----------------------------------------------------------------------|-----------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                       |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                       |             |
| NAME: TRESTLE                                                        | TYPE: 4000K CRI-90    | WEIGHT:     |
| SPECIFICATION: FULHAM-800 MA                                         | DIMENSION: L-3X600 MM | SERIAL No.: |



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:06-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:10.300 m  
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

|                                                                      |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |             |  |  |  |  |  |
|----------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|-----------------------|--|--|--|--|-------------|--|--|--|--|--|
| MANUFACTURER: DIVINITY LIGHTS                                        |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |             |  |  |  |  |  |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |             |  |  |  |  |  |
| NAME: TRESTLE                                                        |  |  |  |  |  |  |  |  |  | TYPE: 4000K CRI-90    |  |  |  |  | WEIGHT:     |  |  |  |  |  |
| SPECIFICATION: FULHAM-800 MA                                         |  |  |  |  |  |  |  |  |  | DIMENSION: L-3X600 MM |  |  |  |  | SERIAL No.: |  |  |  |  |  |

| VERTICAL (DEG) | AREA FLUX DIAGRAM |      |      |      |      |      |      |      |                  |      |      |      |      |      |      |      |      |      | UNIT:lm |      | Φ t  | Φ a |    |    |    |    |
|----------------|-------------------|------|------|------|------|------|------|------|------------------|------|------|------|------|------|------|------|------|------|---------|------|------|-----|----|----|----|----|
|                | 90                | 0.08 | 0.32 | 0.68 | 1.07 | 1.40 | 1.65 | 1.93 | 2.25             | 2.45 | 2.36 | 1.99 | 1.54 | 1.19 | 0.94 | 0.68 | 0.42 | 0.21 | 0.06    | 21.2 | 3.41 |     |    |    |    |    |
|                | 80                | 0.12 | 0.61 | 1.53 | 2.75 | 3.97 | 5.12 | 6.23 | 7.24             | 7.83 | 7.69 | 6.84 | 5.60 | 4.40 | 3.25 | 2.10 | 1.07 | 0.40 | 0.08    | 66.9 | 61.3 |     |    |    |    |    |
|                | 70                | 0.16 | 0.92 | 2.46 | 4.60 | 6.90 | 9.21 | 11.3 | 13.1             | 14.1 | 13.9 | 12.6 | 10.6 | 8.36 | 6.03 | 3.88 | 1.95 | 0.66 | 0.11    | 121  | 120  |     |    |    |    |    |
|                | 60                | 0.19 | 1.23 | 3.36 | 6.47 | 9.89 | 13.2 | 16.2 | 18.7             | 20.0 | 19.9 | 18.2 | 15.5 | 12.4 | 9.01 | 5.57 | 2.84 | 0.96 | 0.13    | 174  | 173  |     |    |    |    |    |
|                | 50                | 0.23 | 1.52 | 4.20 | 8.14 | 12.5 | 16.9 | 20.7 | 23.7             | 25.4 | 25.3 | 23.3 | 20.0 | 16.1 | 11.7 | 7.34 | 3.63 | 1.23 | 0.16    | 223  | 222  |     |    |    |    |    |
|                | 40                | 0.26 | 1.76 | 4.93 | 9.51 | 14.8 | 20.0 | 24.6 | 28.1             | 30.1 | 29.9 | 27.6 | 23.9 | 19.2 | 14.0 | 8.79 | 4.36 | 1.47 | 0.19    | 264  | 264  |     |    |    |    |    |
|                | 30                | 0.28 | 1.95 | 5.49 | 10.5 | 16.5 | 22.5 | 27.7 | 31.6             | 33.7 | 33.6 | 31.1 | 27.0 | 21.7 | 15.7 | 9.87 | 4.95 | 1.66 | 0.21    | 296  | 296  |     |    |    |    |    |
|                |                   | 0.30 | 2.07 | 5.87 | 11.2 | 17.5 | 24.0 | 29.8 | 34.0             | 36.2 | 36.0 | 33.5 | 29.1 | 23.3 | 16.8 | 10.5 | 5.35 | 1.79 | 0.22    | 318  | 318  |     |    |    |    |    |
|                |                   | 0.30 | 2.13 | 6.03 | 11.5 | 18.0 | 24.7 | 30.7 | 35.1             | 37.4 | 37.2 | 34.7 | 30.0 | 23.9 | 17.3 | 10.9 | 5.53 | 1.85 | 0.23    | 328  | 328  |     |    |    |    |    |
|                |                   | 0.30 | 2.11 | 5.98 | 11.4 | 17.8 | 24.4 | 30.3 | 34.8             | 37.1 | 37.0 | 34.3 | 29.7 | 23.7 | 17.1 | 10.8 | 5.47 | 1.83 | 0.23    | 325  | 325  |     |    |    |    |    |
|                |                   | 0.29 | 2.02 | 5.70 | 10.9 | 17.0 | 23.3 | 28.9 | 33.3             | 35.5 | 35.4 | 32.8 | 28.3 | 22.5 | 16.3 | 10.2 | 5.19 | 1.74 | 0.22    | 310  | 310  |     |    |    |    |    |
|                | -30               | 0.27 | 1.86 | 5.22 | 10.0 | 15.6 | 21.4 | 26.7 | 30.7             | 32.6 | 32.4 | 30.3 | 26.0 | 20.6 | 14.8 | 9.37 | 4.70 | 1.58 | 0.20    | 285  | 284  |     |    |    |    |    |
|                | -40               | 0.24 | 1.64 | 4.56 | 8.83 | 13.7 | 18.9 | 23.6 | 27.0             | 28.5 | 28.4 | 26.6 | 23.0 | 18.1 | 12.9 | 8.09 | 4.05 | 1.37 | 0.17    | 250  | 250  |     |    |    |    |    |
|                | -50               | 0.21 | 1.38 | 3.77 | 7.29 | 11.5 | 15.8 | 19.7 | 22.4             | 23.6 | 23.5 | 22.0 | 19.1 | 15.1 | 10.6 | 6.51 | 3.28 | 1.11 | 0.15    | 208  | 207  |     |    |    |    |    |
|                | -60               | 0.18 | 1.08 | 2.91 | 5.54 | 8.88 | 12.3 | 15.3 | 17.3             | 18.1 | 17.9 | 16.8 | 14.7 | 11.5 | 8.04 | 4.84 | 2.43 | 0.83 | 0.12    | 159  | 158  |     |    |    |    |    |
|                | -70               | 0.14 | 0.78 | 2.00 | 3.79 | 6.00 | 8.36 | 10.4 | 11.6             | 12.0 | 11.8 | 11.2 | 9.81 | 7.65 | 5.29 | 3.15 | 1.55 | 0.54 | 0.10    | 106  | 104  |     |    |    |    |    |
|                | -80               | 0.11 | 0.49 | 1.12 | 2.07 | 3.28 | 4.52 | 5.51 | 6.01             | 6.08 | 5.96 | 5.66 | 4.97 | 3.89 | 2.65 | 1.51 | 0.74 | 0.31 | 0.08    | 54.9 | 45.6 |     |    |    |    |    |
|                | -90               | 0.07 | 0.24 | 0.45 | 0.71 | 1.06 | 1.43 | 1.66 | 1.67             | 1.55 | 1.48 | 1.45 | 1.34 | 1.07 | 0.73 | 0.44 | 0.28 | 0.17 | 0.05    | 15.8 | 0.00 |     |    |    |    |    |
|                | -90               | -80  | -70  | -60  | -50  | -40  | -30  | -20  | HORIZONTAL (DEG) |      |      |      |      |      |      |      |      |      | 20      | 30   | 40   | 50  | 60 | 70 | 80 | 90 |
| Φ t            | 3.71              | 24.1 | 66.3 | 127  | 197  | 268  | 332  | 379  | 403              | 400  | 372  | 321  | 255  | 184  | 115  | 57.8 | 19.7 | 2.68 | 3530    |      |      |     |    |    |    |    |
| Φ a            | 1.04              | 20.7 | 63.2 | 124  | 194  | 265  | 329  | 376  | 399              | 397  | 368  | 318  | 252  | 180  | 111  | 54.3 | 15.7 | 0.11 |         | 3467 |      |     |    |    |    |    |

Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:06-24-2025

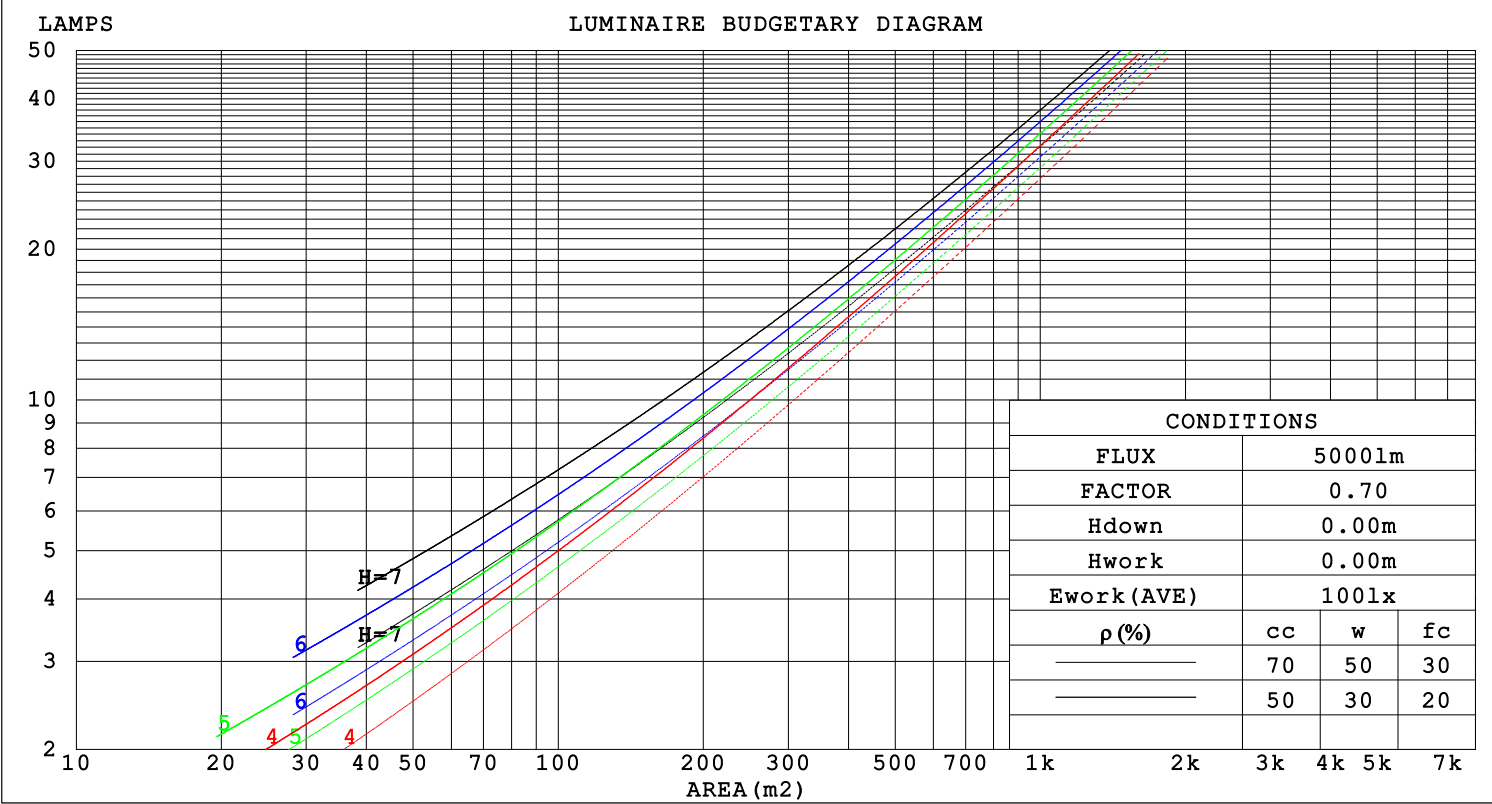
Test Set: 5.0deg/s    C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:10.300 m  
Remarks: 4000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

|                                                                      |  |  |  |  |  |  |  |                       |  |  |  |             |  |  |  |
|----------------------------------------------------------------------|--|--|--|--|--|--|--|-----------------------|--|--|--|-------------|--|--|--|
| MANUFACTURER: DIVINITY LIGHTS                                        |  |  |  |  |  |  |  |                       |  |  |  |             |  |  |  |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |  |  |  |  |  |  |  |                       |  |  |  |             |  |  |  |
| NAME: TRESTLE                                                        |  |  |  |  |  |  |  | TYPE: 4000K CRI-90    |  |  |  | WEIGHT:     |  |  |  |
| SPECIFICATION: FULHAM-800 MA                                         |  |  |  |  |  |  |  | DIMENSION: L-3X600 MM |  |  |  | SERIAL No.: |  |  |  |

|                 |                                                                            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------|----------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| pcc             | 80%                                                                        |      |      | 70%  |      |      | 50%  |      |      | 30%  |      |      | 10%  |      |      | 0    |
| pw              | 50%                                                                        | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0    |
| pf <sub>c</sub> | 20%                                                                        |      |      | 20%  |      |      | 20%  |      |      | 20%  |      |      | 20%  |      |      | 0    |
| RCR             | RCR:Room Cavity Ratio                      Coefficients of Utilization(CU) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 0.0             | 1.19                                                                       | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.11 | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | 1.00 |
| 1.0             | 1.04                                                                       | .99  | .95  | 1.01 | .98  | .94  | .97  | .94  | .91  | .93  | .91  | .88  | .90  | .88  | .86  | .83  |
| 2.0             | .90                                                                        | .83  | .78  | .88  | .82  | .77  | .85  | .79  | .75  | .82  | .77  | .73  | .79  | .75  | .72  | .69  |
| 3.0             | .79                                                                        | .71  | .64  | .78  | .70  | .64  | .75  | .68  | .63  | .72  | .66  | .62  | .69  | .65  | .61  | .58  |
| 4.0             | .70                                                                        | .61  | .55  | .69  | .61  | .54  | .66  | .59  | .53  | .64  | .58  | .53  | .62  | .56  | .52  | .50  |
| 5.0             | .63                                                                        | .54  | .47  | .62  | .53  | .47  | .59  | .52  | .46  | .57  | .51  | .46  | .56  | .50  | .45  | .43  |
| 6.0             | .56                                                                        | .47  | .41  | .55  | .47  | .41  | .54  | .46  | .40  | .52  | .45  | .40  | .50  | .44  | .40  | .38  |
| 7.0             | .51                                                                        | .42  | .36  | .50  | .42  | .36  | .49  | .41  | .36  | .47  | .41  | .35  | .46  | .40  | .35  | .33  |
| 8.0             | .47                                                                        | .38  | .32  | .46  | .38  | .32  | .45  | .37  | .32  | .43  | .37  | .32  | .42  | .36  | .31  | .30  |
| 9.0             | .43                                                                        | .35  | .29  | .42  | .34  | .29  | .41  | .34  | .29  | .40  | .33  | .29  | .39  | .33  | .28  | .27  |
| 10.0            | .39                                                                        | .32  | .26  | .39  | .31  | .26  | .38  | .31  | .26  | .37  | .31  | .26  | .36  | .30  | .26  | .24  |



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:06-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:10.300 m  
Remarks: 4000K

## WEC AND CCEC

Report number:

|                                                                      |  |  |  |  |  |  |                       |  |  |  |  |             |  |  |
|----------------------------------------------------------------------|--|--|--|--|--|--|-----------------------|--|--|--|--|-------------|--|--|
| MANUFACTURER: DIVINITY LIGHTS                                        |  |  |  |  |  |  |                       |  |  |  |  |             |  |  |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |  |  |  |  |  |  |                       |  |  |  |  |             |  |  |
| NAME: TRESTLE                                                        |  |  |  |  |  |  | TYPE: 4000K CRI-90    |  |  |  |  | WEIGHT:     |  |  |
| SPECIFICATION: FULHAM-800 MA                                         |  |  |  |  |  |  | DIMENSION: L-3X600 MM |  |  |  |  | SERIAL No.: |  |  |

| pcc  | 80%                   |      |      | 70%  |      |      | 50%                             |      |      | 30%  |      |      | 10%  |      |      | 0 |
|------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|
| pw   | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                             | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| pfc  | 20%                   |      |      | 20%  |      |      | 20%                             |      |      | 20%  |      |      | 20%  |      |      | 0 |
| RCR  | RCR:Room Cavity Ratio |      |      |      |      |      | Wall Exitance Coefficients(WEC) |      |      |      |      |      |      |      |      |   |
| 0.0  |                       |      |      |      |      |      |                                 |      |      |      |      |      |      |      |      |   |
| 1.0  | .312                  | .178 | .056 | .305 | .174 | .055 | .292                            | .168 | .054 | .280 | .161 | .052 | .269 | .156 | .050 |   |
| 2.0  | .293                  | .161 | .049 | .287 | .158 | .049 | .275                            | .153 | .047 | .264 | .148 | .046 | .254 | .144 | .045 |   |
| 3.0  | .271                  | .144 | .043 | .265 | .142 | .043 | .255                            | .138 | .042 | .245 | .134 | .041 | .236 | .131 | .040 |   |
| 4.0  | .250                  | .130 | .038 | .245 | .128 | .038 | .236                            | .125 | .037 | .227 | .122 | .037 | .219 | .119 | .036 |   |
| 5.0  | .231                  | .118 | .034 | .226 | .116 | .034 | .218                            | .114 | .033 | .211 | .111 | .033 | .204 | .109 | .033 |   |
| 6.0  | .214                  | .107 | .031 | .210 | .106 | .031 | .203                            | .104 | .030 | .196 | .102 | .030 | .190 | .100 | .030 |   |
| 7.0  | .199                  | .098 | .028 | .196 | .097 | .028 | .189                            | .096 | .028 | .183 | .094 | .027 | .177 | .092 | .027 |   |
| 8.0  | .186                  | .091 | .026 | .183 | .090 | .025 | .177                            | .088 | .025 | .172 | .087 | .025 | .166 | .085 | .025 |   |
| 9.0  | .174                  | .084 | .024 | .171 | .084 | .023 | .166                            | .082 | .023 | .161 | .081 | .023 | .157 | .080 | .023 |   |
| 10.0 | .164                  | .078 | .022 | .161 | .078 | .022 | .157                            | .077 | .022 | .152 | .076 | .021 | .148 | .074 | .021 |   |

| pcc  | 80%                   |      |      | 70%  |      |      | 50%                                        |      |      | 30%  |      |      | 10%  |      |      | 0 |
|------|-----------------------|------|------|------|------|------|--------------------------------------------|------|------|------|------|------|------|------|------|---|
| pw   | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                                        | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| pfc  | 20%                   |      |      | 20%  |      |      | 20%                                        |      |      | 20%  |      |      | 20%  |      |      | 0 |
| RCR  | RCR:Room Cavity Ratio |      |      |      |      |      | Ceiling Cavity Exitance Coefficients(CCEC) |      |      |      |      |      |      |      |      |   |
| 0.0  | .190                  | .190 | .190 | .163 | .163 | .163 | .111                                       | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 |   |
| 1.0  | .180                  | .156 | .134 | .154 | .134 | .115 | .106                                       | .092 | .080 | .061 | .053 | .046 | .019 | .017 | .015 |   |
| 2.0  | .172                  | .132 | .098 | .148 | .114 | .085 | .101                                       | .079 | .059 | .058 | .046 | .035 | .019 | .015 | .011 |   |
| 3.0  | .165                  | .114 | .074 | .141 | .099 | .064 | .097                                       | .069 | .045 | .056 | .040 | .027 | .018 | .013 | .009 |   |
| 4.0  | .157                  | .101 | .058 | .135 | .087 | .051 | .093                                       | .061 | .036 | .054 | .036 | .021 | .017 | .012 | .007 |   |
| 5.0  | .150                  | .091 | .047 | .128 | .078 | .041 | .088                                       | .055 | .029 | .051 | .032 | .017 | .017 | .010 | .006 |   |
| 6.0  | .142                  | .082 | .039 | .122 | .071 | .034 | .084                                       | .050 | .024 | .049 | .029 | .014 | .016 | .010 | .005 |   |
| 7.0  | .135                  | .075 | .033 | .117 | .065 | .029 | .081                                       | .046 | .020 | .047 | .027 | .012 | .015 | .009 | .004 |   |
| 8.0  | .129                  | .070 | .029 | .111 | .060 | .025 | .077                                       | .042 | .018 | .045 | .025 | .011 | .014 | .008 | .003 |   |
| 9.0  | .123                  | .065 | .025 | .106 | .056 | .022 | .073                                       | .039 | .016 | .043 | .023 | .009 | .014 | .008 | .003 |   |
| 10.0 | .117                  | .060 | .022 | .101 | .052 | .020 | .070                                       | .037 | .014 | .041 | .022 | .008 | .013 | .007 | .003 |   |

Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:06-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:10.300 m  
Remarks: 4000K

Uncorrected UGR Table

Report number:

|                                                                      |        |                  |      |      |                       |      |                |             |      |      |      |
|----------------------------------------------------------------------|--------|------------------|------|------|-----------------------|------|----------------|-------------|------|------|------|
| MANUFACTURER: DIVINITY LIGHTS                                        |        |                  |      |      |                       |      |                |             |      |      |      |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |        |                  |      |      |                       |      |                |             |      |      |      |
| NAME: TRESTLE                                                        |        |                  |      |      | TYPE: 4000K CRI-90    |      |                | WEIGHT:     |      |      |      |
| SPECIFICATION: FULHAM-800 MA                                         |        |                  |      |      | DIMENSION: L-3X600 MM |      |                | SERIAL No.: |      |      |      |
| ceiling/cavity                                                       | 0.7    | 0.7              | 0.5  | 0.5  | 0.3                   | 0.7  | 0.7            | 0.5         | 0.5  | 0.3  |      |
| walls                                                                | 0.5    | 0.3              | 0.5  | 0.3  | 0.3                   | 0.5  | 0.3            | 0.5         | 0.3  | 0.3  |      |
| working plane                                                        | 0.2    | 0.2              | 0.2  | 0.2  | 0.2                   | 0.2  | 0.2            | 0.2         | 0.2  | 0.2  |      |
| Room dimensions                                                      |        | Viewed crosswise |      |      |                       |      | Viewed endwise |             |      |      |      |
| x = 2H                                                               | y = 2H | 20.9             | 22.4 | 21.1 | 22.6                  | 22.8 | 20.8           | 22.4        | 21.1 | 22.6 | 22.8 |
|                                                                      | 3H     | 22.3             | 23.7 | 22.6 | 23.9                  | 24.2 | 22.1           | 23.6        | 22.4 | 23.8 | 24.0 |
|                                                                      | 4H     | 22.9             | 24.2 | 23.2 | 24.5                  | 24.7 | 22.6           | 24.0        | 22.9 | 24.2 | 24.5 |
|                                                                      | 6H     | 23.2             | 24.5 | 23.6 | 24.8                  | 25.0 | 22.9           | 24.2        | 23.2 | 24.4 | 24.7 |
|                                                                      | 8H     | 23.3             | 24.5 | 23.6 | 24.8                  | 25.1 | 22.9           | 24.1        | 23.3 | 24.4 | 24.7 |
|                                                                      | 12H    | 23.3             | 24.5 | 23.7 | 24.8                  | 25.1 | 22.9           | 24.1        | 23.3 | 24.4 | 24.7 |
| 4H                                                                   | 2H     | 21.4             | 22.8 | 21.7 | 23.0                  | 23.3 | 21.4           | 22.7        | 21.7 | 23.0 | 23.2 |
|                                                                      | 3H     | 23.0             | 24.2 | 23.3 | 24.5                  | 24.8 | 22.9           | 24.1        | 23.3 | 24.4 | 24.7 |
|                                                                      | 4H     | 23.6             | 24.7 | 24.0 | 25.0                  | 25.4 | 23.5           | 24.6        | 23.9 | 24.9 | 25.2 |
|                                                                      | 6H     | 24.1             | 25.1 | 24.5 | 25.4                  | 25.8 | 23.9           | 24.8        | 24.3 | 25.2 | 25.6 |
|                                                                      | 8H     | 24.2             | 25.1 | 24.6 | 25.4                  | 25.8 | 23.9           | 24.8        | 24.3 | 25.2 | 25.6 |
|                                                                      | 12H    | 24.3             | 25.1 | 24.7 | 25.5                  | 25.9 | 23.9           | 24.8        | 24.4 | 25.1 | 25.5 |
| 8H                                                                   | 4H     | 23.8             | 24.7 | 24.2 | 25.1                  | 25.5 | 23.7           | 24.6        | 24.1 | 25.0 | 25.4 |
|                                                                      | 6H     | 24.4             | 25.1 | 24.8 | 25.5                  | 25.9 | 24.2           | 24.9        | 24.6 | 25.3 | 25.8 |
|                                                                      | 8H     | 24.5             | 25.1 | 24.9 | 25.6                  | 26.0 | 24.3           | 24.9        | 24.7 | 25.3 | 25.8 |
|                                                                      | 12H    | 24.6             | 25.2 | 25.1 | 25.6                  | 26.1 | 24.3           | 24.9        | 24.8 | 25.3 | 25.8 |
| 12H                                                                  | 4H     | 23.8             | 24.6 | 24.3 | 25.0                  | 25.4 | 23.7           | 24.5        | 24.1 | 24.9 | 25.3 |
|                                                                      | 6H     | 24.4             | 25.0 | 24.8 | 25.4                  | 25.9 | 24.2           | 24.8        | 24.6 | 25.3 | 25.7 |
|                                                                      | 8H     | 24.5             | 25.1 | 25.0 | 25.5                  | 26.0 | 24.3           | 24.9        | 24.8 | 25.3 | 25.8 |
| Variations with the observer position at spacings:                   |        |                  |      |      |                       |      |                |             |      |      |      |
| S = 1.0H                                                             |        | + 0.1 / - 0.2    |      |      |                       |      | + 0.1 / - 0.2  |             |      |      |      |
| 1.5H                                                                 |        | + 0.1 / - 0.3    |      |      |                       |      | + 0.2 / - 0.4  |             |      |      |      |
| 2.0H                                                                 |        | + 0.3 / - 0.4    |      |      |                       |      | + 0.2 / - 0.5  |             |      |      |      |

CIE Pub.117 Corrected 3530 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.4)

Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:06-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:10.300 m  
Remarks: 4000K

## UTILIZATION FACTORS TABLE

Report number:

|                                                                       |                       |             |
|-----------------------------------------------------------------------|-----------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                         |                       |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019 |                       |             |
| NAME: TRESTLE                                                         | TYPE: 4000K CRI-90    | WEIGHT:     |
| SPECIFICATION: FULHAM-800 MA                                          | DIMENSION: L-3X600 MM | SERIAL No.: |

| REFLECTANCE                      |                                                      |     |           |     |     |     |     |               |     |        |
|----------------------------------|------------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling                          | 0.8                                                  | 0.8 | 0.8       | 0.7 | 0.7 | 0.7 | 0.5 | 0.5           | 0.5 | 0      |
| Walls                            | 0.7                                                  | 0.5 | 0.3       | 0.7 | 0.5 | 0.3 | 0.7 | 0.5           | 0.3 | 0      |
| Working plane                    | 0.2                                                  | 0.2 | 0.2       | 0.2 | 0.2 | 0.2 | 0.2 | 0.2           | 0.2 | 0      |
| ROOM INDEX                       | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 57                                                   | 46  | 39        | 57  | 46  | 39  | 56  | 45            | 39  | 32     |
| 0.80                             | 68                                                   | 56  | 48        | 66  | 55  | 48  | 65  | 55            | 48  | 41     |
| 1.00                             | 76                                                   | 65  | 57        | 75  | 64  | 57  | 72  | 66            | 57  | 49     |
| 1.25                             | 83                                                   | 72  | 65        | 82  | 72  | 65  | 79  | 70            | 64  | 57     |
| 1.50                             | 88                                                   | 78  | 71        | 86  | 77  | 71  | 83  | 75            | 69  | 62     |
| 2.00                             | 95                                                   | 86  | 80        | 93  | 85  | 79  | 89  | 83            | 77  | 70     |
| 2.50                             | 99                                                   | 91  | 85        | 97  | 90  | 84  | 93  | 87            | 82  | 74     |
| 3.00                             | 102                                                  | 95  | 90        | 100 | 94  | 89  | 96  | 91            | 86  | 78     |
| 4.00                             | 106                                                  | 100 | 96        | 104 | 99  | 94  | 99  | 95            | 92  | 83     |
| 5.00                             | 109                                                  | 104 | 100       | 106 | 102 | 98  | 102 | 98            | 95  | 86     |
| ROOM INDEX                       | UF (total)                                           |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |                                                      |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

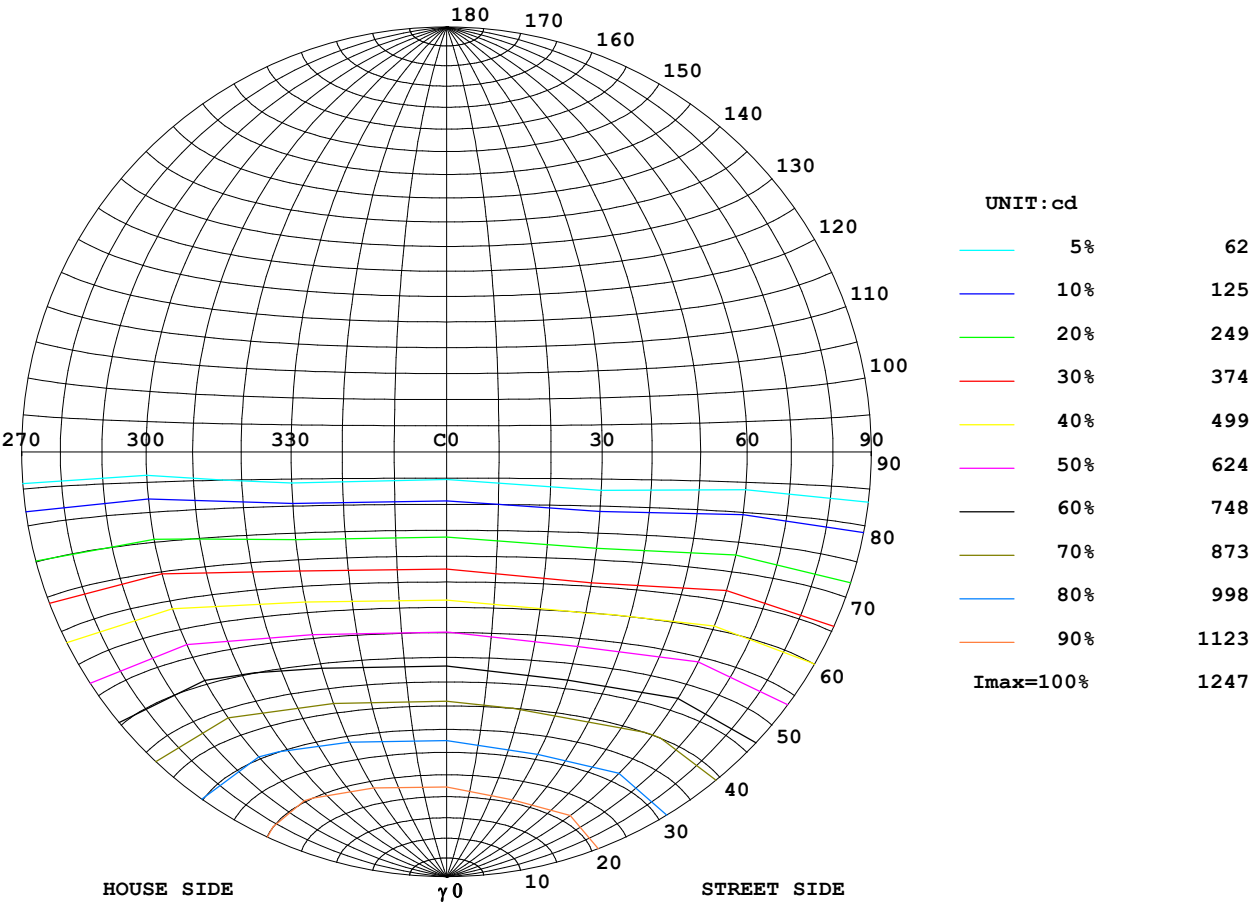
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 06-24-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)  
 Humidity: 65.0%  
 Test Distance: 10.300 m  
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

|                                                                      |                       |             |
|----------------------------------------------------------------------|-----------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                       |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                       |             |
| NAME: TRESTLE                                                        | TYPE: 4000K CRI-90    | WEIGHT:     |
| SPECIFICATION: FULHAM-800 MA                                         | DIMENSION: L-3X600 MM | SERIAL No.: |



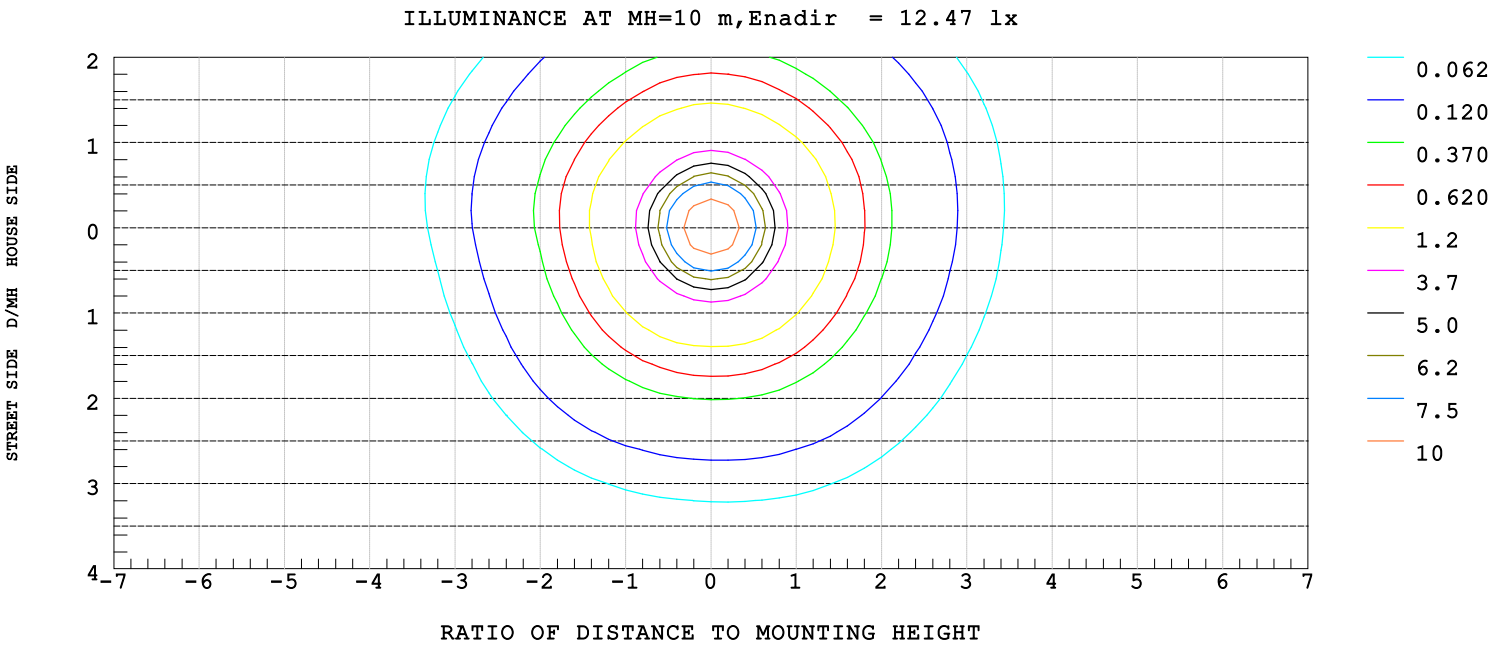
Test System:HOP00 HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:06-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:10.300 m  
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

|                                                                      |                       |             |
|----------------------------------------------------------------------|-----------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                       |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                       |             |
| NAME: TRESTLE                                                        | TYPE: 4000K CRI-90    | WEIGHT:     |
| SPECIFICATION: FULHAM-800 MA                                         | DIMENSION: L-3X600 MM | SERIAL No.: |



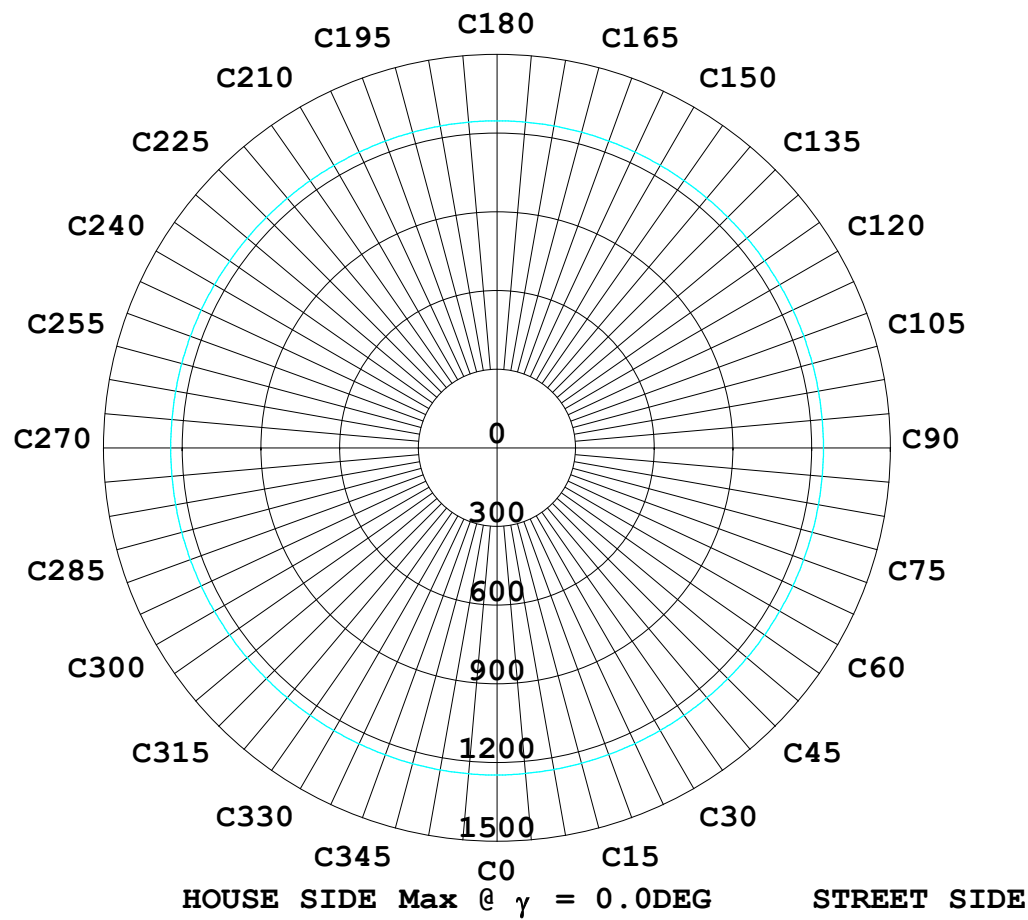
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:06-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:10.300 m  
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

|                                                                      |                       |             |
|----------------------------------------------------------------------|-----------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                       |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                       |             |
| NAME: TRESTLE                                                        | TYPE: 4000K CRI-90    | WEIGHT:     |
| SPECIFICATION: FULHAM-800 MA                                         | DIMENSION: L-3X600 MM | SERIAL No.: |



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:06-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:10.300 m  
Remarks: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

|                                                                      |                       |             |
|----------------------------------------------------------------------|-----------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                       |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                       |             |
| NAME: TRESTLE                                                        | TYPE: 4000K CRI-90    | WEIGHT:     |
| SPECIFICATION: FULHAM-800 MA                                         | DIMENSION: L-3X600 MM | SERIAL No.: |

UNIT: cd

| C (DEG)<br>γ (DEG) | 0    | 30   | 60   | 90   | 120  | 150  | 180  | 210  | 240  | 270  | 300  | 330  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.0                | 1247 | 1244 | 1245 | 1244 | 1245 | 1244 | 1247 | 1244 | 1245 | 1244 | 1245 | 1244 |
| 5.0                | 1239 | 1232 | 1236 | 1234 | 1238 | 1238 | 1243 | 1244 | 1244 | 1243 | 1239 | 1240 |
| 10.0               | 1218 | 1210 | 1213 | 1211 | 1218 | 1219 | 1228 | 1232 | 1230 | 1231 | 1224 | 1223 |
| 15.0               | 1189 | 1176 | 1181 | 1178 | 1189 | 1190 | 1201 | 1208 | 1204 | 1206 | 1196 | 1195 |
| 20.0               | 1145 | 1130 | 1138 | 1133 | 1147 | 1149 | 1165 | 1175 | 1169 | 1171 | 1158 | 1157 |
| 25.0               | 1095 | 1075 | 1084 | 1077 | 1098 | 1098 | 1118 | 1130 | 1122 | 1125 | 1107 | 1108 |
| 30.0               | 1034 | 1013 | 1022 | 1015 | 1037 | 1037 | 1060 | 1074 | 1064 | 1069 | 1048 | 1049 |
| 35.0               | 964  | 941  | 952  | 944  | 967  | 969  | 995  | 1012 | 1000 | 1003 | 981  | 983  |
| 40.0               | 889  | 863  | 874  | 863  | 894  | 894  | 921  | 939  | 925  | 930  | 905  | 908  |
| 45.0               | 806  | 779  | 790  | 781  | 811  | 812  | 841  | 860  | 844  | 848  | 821  | 826  |
| 50.0               | 717  | 688  | 700  | 689  | 722  | 724  | 754  | 776  | 756  | 761  | 732  | 739  |
| 55.0               | 625  | 593  | 607  | 594  | 632  | 631  | 662  | 684  | 663  | 668  | 637  | 646  |
| 60.0               | 527  | 496  | 511  | 499  | 535  | 536  | 565  | 588  | 564  | 570  | 538  | 546  |
| 65.0               | 426  | 387  | 412  | 390  | 436  | 437  | 467  | 490  | 466  | 472  | 438  | 448  |
| 70.0               | 321  | 289  | 304  | 287  | 328  | 329  | 357  | 389  | 355  | 367  | 327  | 330  |
| 75.0               | 224  | 196  | 207  | 194  | 231  | 235  | 259  | 284  | 251  | 259  | 224  | 242  |
| 80.0               | 135  | 106  | 118  | 108  | 140  | 142  | 168  | 188  | 157  | 162  | 132  | 147  |
| 85.0               | 58.1 | 31.1 | 43.9 | 36.2 | 62.0 | 60.8 | 85.9 | 96.7 | 71.2 | 77.0 | 50.1 | 60.5 |
| 90.0               | 17.6 | 11.1 | 17.2 | 10.9 | 17.5 | 10.8 | 21.1 | 22.0 | 8.59 | 12.6 | 4.88 | 11.7 |

Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:06-24-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:10.300 m  
Remarks: 4000K