

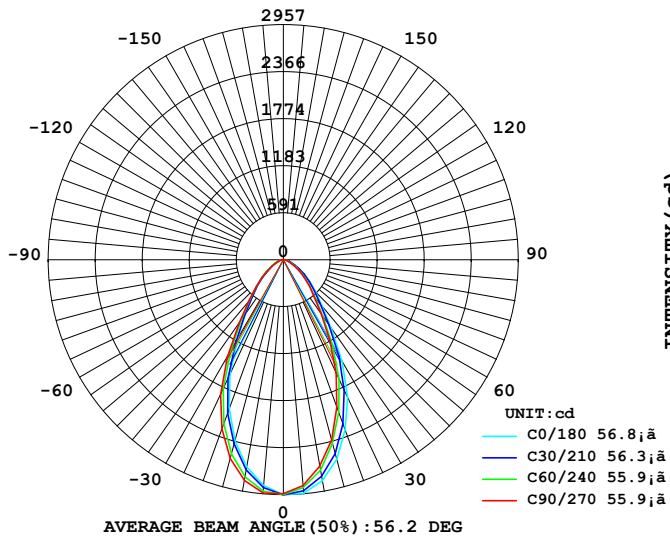
## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

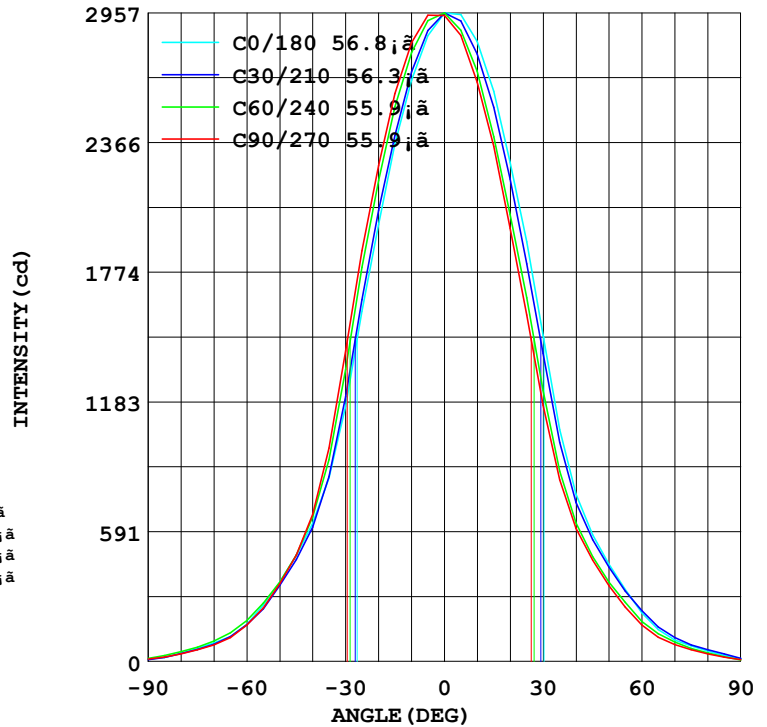
|                                                                                  |                           |             |
|----------------------------------------------------------------------------------|---------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                                    |                           |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019. |                           |             |
| NAME: XENIA SH145 DUO LENS                                                       | TYPE: 3000K CRI 90        | WEIGHT:     |
| SPECIFICATION:                                                                   | DIMENSION: 1200*145*27 MM | SERIAL No.: |

|                   |                 |                     |        |                   |       |
|-------------------|-----------------|---------------------|--------|-------------------|-------|
| DATA OF LAMP      |                 | Imax (cd)           | 2968   | S/MH (C0/180)     | 0.80  |
| MODEL             | XENIA SH145 DUO | EFFICIENCY (%)      | 100.0  | S/MH (C90/270)    | 0.89  |
| NOMINAL POWER (W) | 35              | TOTAL FLUX (lm)     | 3209.8 | Voltage (V)       | 219.8 |
| RATED VOLTAGE (V) | 220             | EFFICIENCY (lm/W)   | 92.4   | Current (A)       | 0.170 |
| NOMINAL FLUX (lm) | 3209.9          | $\eta$ up (%)       | 0.0    | Power (W)         | 34.72 |
| LAMPS QUANTITY    | 1               | $\eta$ down (%)     | 100.0  | Power Factor (PF) | 0.980 |
| TEST VOLTAGE (V)  | 219.8           | Effective Flux (lm) | 2846.1 | EEI               | 0.166 |

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 12-30-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)  
 Humidity: 65.0%  
 Test Distance: 8.000 m  
 Remarks: 3000K

Color Temperature Data List

Report number:

|                                                                                 |                           |             |
|---------------------------------------------------------------------------------|---------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                                   |                           |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,Rajasthan 301019. |                           |             |
| NAME: XENIA SH145 DUO LENS                                                      | TYPE: 3000K CRI 90        | WEIGHT:     |
| SPECIFICATION:                                                                  | DIMENSION: 1200*145*27 MM | SERIAL No.: |

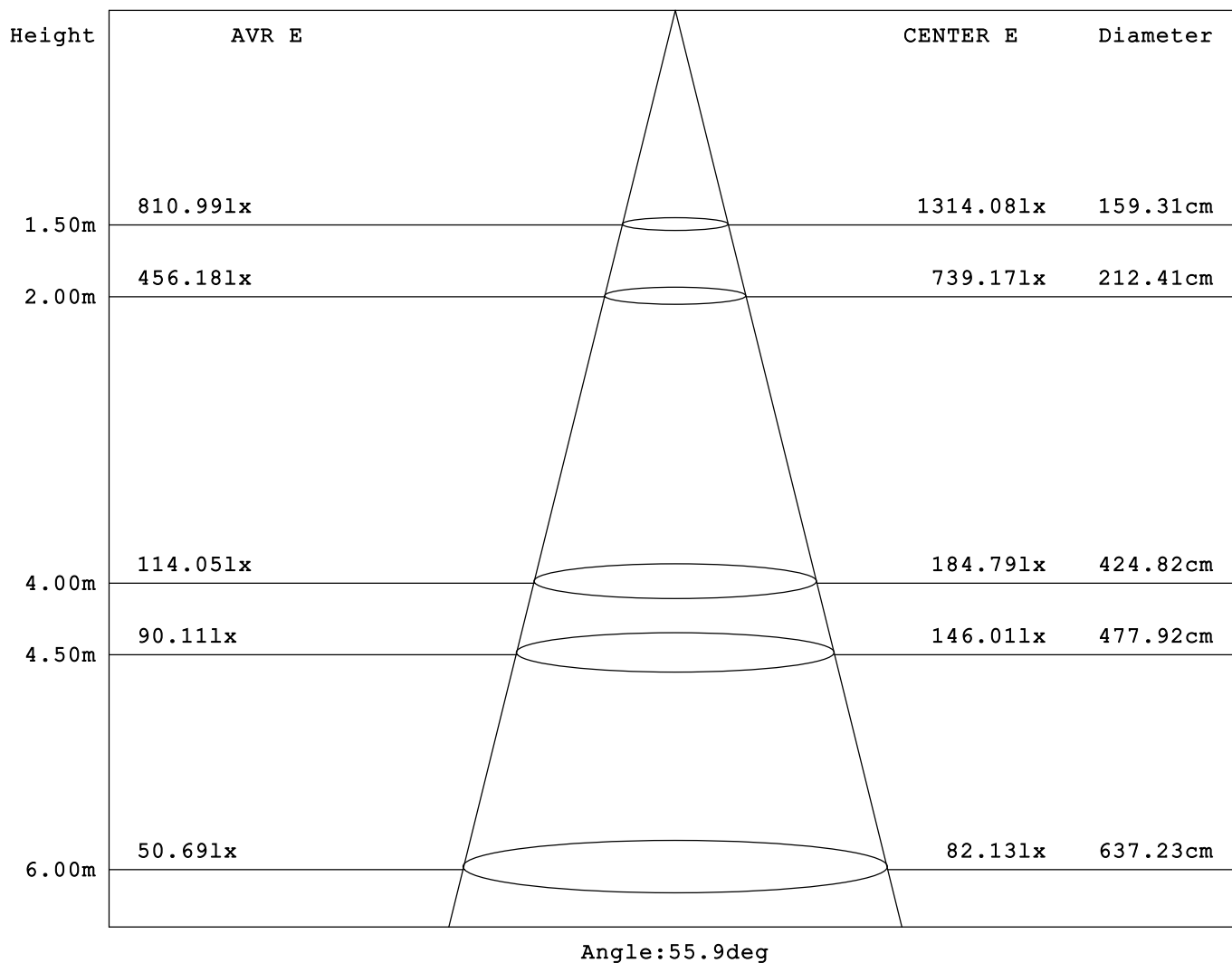
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date: 12-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:8.000 m  
Remarks: 3000K

## AVERAGE AND CENTER E Figure

Report number:

|                                                                                  |                           |             |
|----------------------------------------------------------------------------------|---------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                                    |                           |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019. |                           |             |
| NAME: XENIA SH145 DUO LENS                                                       | TYPE: 3000K CRI 90        | WEIGHT:     |
| SPECIFICATION:                                                                   | DIMENSION: 1200*145*27 MM | SERIAL No.: |



Test System: HOPOO HPG1800  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 12-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity: 65.0%  
 Test Distance: 8.000 m  
 Remarks: 3000K

ZONAL FLUX DIAGRAM

Report number:

|                                                                                 |                           |             |
|---------------------------------------------------------------------------------|---------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                                   |                           |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,Rajasthan 301019. |                           |             |
| NAME: XENIA SH145 DUO LENS                                                      | TYPE: 3000K CRI 90        | WEIGHT:     |
| SPECIFICATION:                                                                  | DIMENSION: 1200*145*27 MM | SERIAL No.: |

| γ     | C0                    | C45   | C90   | C135  | C180  | C225  | C270  | C315  | γ       | Zone    | total |
|-------|-----------------------|-------|-------|-------|-------|-------|-------|-------|---------|---------|-------|
| 10.0  | 2651                  | 2732  | 2821  | 2854  | 2826  | 2730  | 2641  | 2617  | 0- 10   | 271.5   | 271.5 |
| 20.0  | 1993                  | 2124  | 2261  | 2327  | 2274  | 2119  | 1974  | 1937  | 10- 20  | 687.4   | 958.9 |
| 30.0  | 1164                  | 1269  | 1416  | 1520  | 1487  | 1319  | 1168  | 1128  | 20- 30  | 790.8   | 1750  |
| 40.0  | 630.1                 | 634.9 | 670.3 | 750.2 | 762.4 | 678.1 | 605.7 | 596.9 | 30- 40  | 593.5   | 2343  |
| 50.0  | 360.9                 | 353.4 | 354.2 | 413.9 | 443.3 | 395.4 | 345.4 | 341.4 | 40- 50  | 393.1   | 2736  |
| 60.0  | 168.7                 | 176.1 | 166.2 | 215.6 | 221.1 | 206.9 | 166.2 | 169.0 | 50- 60  | 247.5   | 2984  |
| 70.0  | 83.64                 | 85.15 | 74.81 | 103.7 | 97.53 | 98.01 | 77.05 | 80.28 | 60- 70  | 131.7   | 3116  |
| 80.0  | 36.73                 | 40.32 | 34.81 | 50.43 | 47.61 | 45.66 | 34.88 | 34.97 | 70- 80  | 67.20   | 3183  |
| 90.0  | 10.62                 | 11.10 | 10.94 | 15.42 | 11.96 | 10.43 | 7.680 | 5.056 | 80- 90  | 26.93   | 3210  |
| 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: 12-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:8.000 m  
Remarks: 3000K

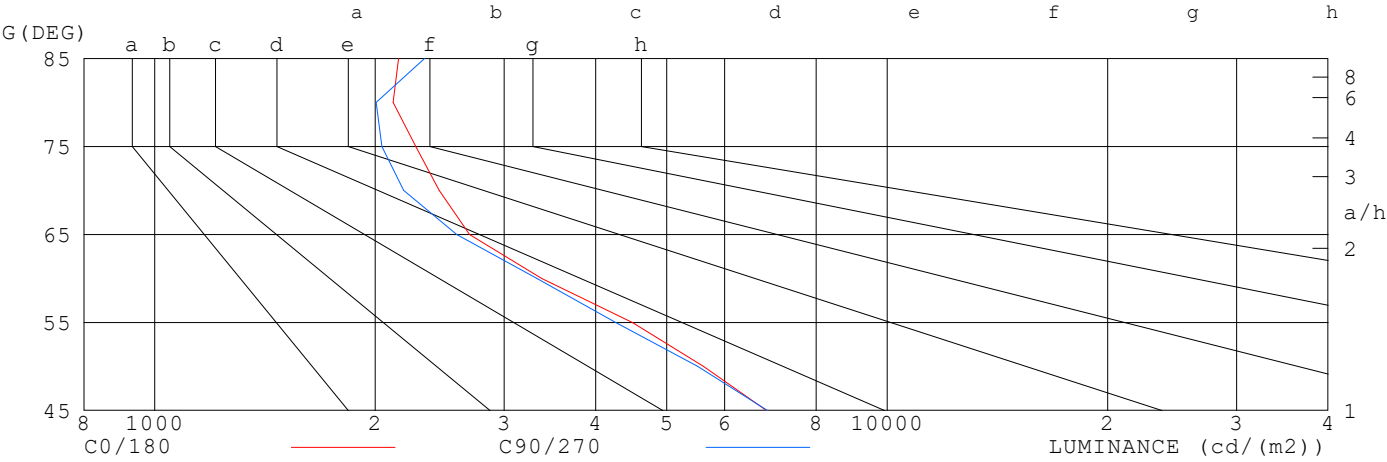
LUMINANCE LIMITATION CURVES

Report number:

|                                                                                 |                           |             |
|---------------------------------------------------------------------------------|---------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                                   |                           |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,Rajasthan 301019. |                           |             |
| NAME: XENIA SH145 DUO LENS                                                      | TYPE: 3000K CRI 90        | WEIGHT:     |
| SPECIFICATION:                                                                  | DIMENSION: 1200*145*27 MM | SERIAL No.: |

LUMINANCE LIMITATION CURVES

| GLARE | CLASS | ILLUMINANCE (lx) |      |      |       |       |       |       |       |
|-------|-------|------------------|------|------|-------|-------|-------|-------|-------|
|       |       | 2000             | 1000 | 500  | <=300 |       |       |       |       |
| 1.15  | A     |                  |      |      |       |       |       |       |       |
| 1.50  | B     |                  | 2000 | 1000 | 500   | <=300 |       |       |       |
| 1.85  | C     |                  |      | 2000 | 1000  | 500   | <=300 |       |       |
| 2.20  | D     |                  |      |      | 2000  | 1000  | 500   | <=300 |       |
| 2.55  | E     |                  |      |      |       | 2000  | 1000  | 500   | <=300 |



LUMINANCE cd/m2

| G (DEG) | C0/180 | C90/270 |
|---------|--------|---------|
| 85      | 2152   | 2335    |
| 80      | 2116   | 2005    |
| 75      | 2272   | 2043    |
| 70      | 2446   | 2187    |
| 65      | 2691   | 2584    |
| 60      | 3374   | 3324    |
| 55      | 4489   | 4260    |
| 50      | 5616   | 5511    |
| 45      | 6848   | 6867    |

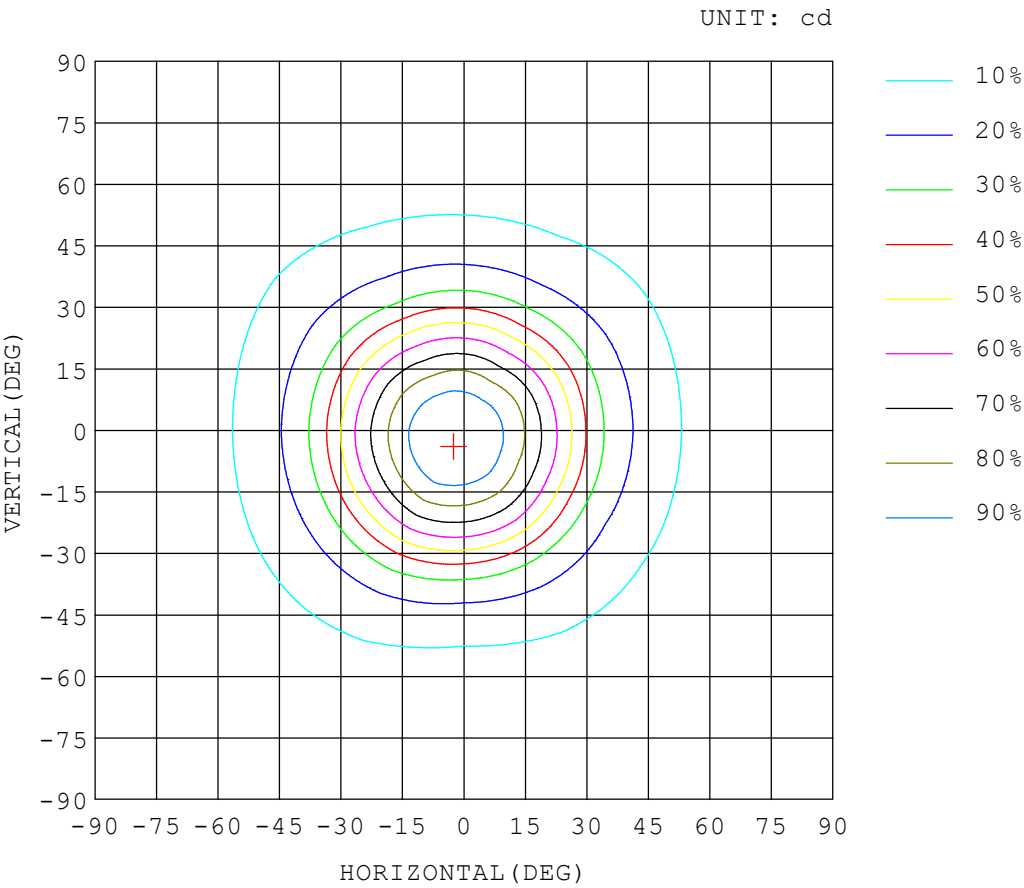
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date: 12-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:8.000 m  
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

|                                                                                 |                           |             |
|---------------------------------------------------------------------------------|---------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                                   |                           |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,Rajasthan 301019. |                           |             |
| NAME: XENIA SH145 DUO LENS                                                      | TYPE: 3000K CRI 90        | WEIGHT:     |
| SPECIFICATION:                                                                  | DIMENSION: 1200*145*27 MM | SERIAL No.: |



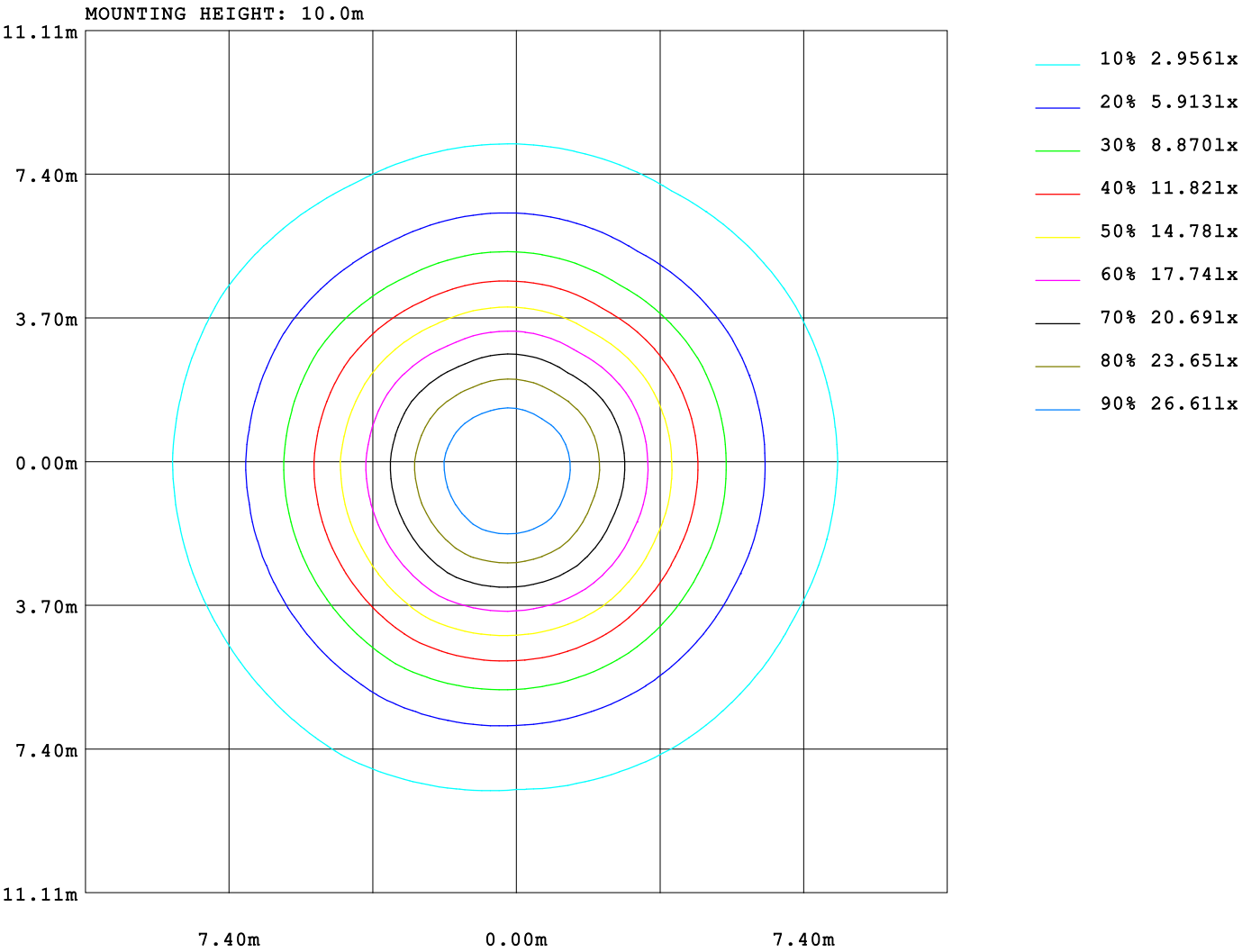
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date: 12-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:8.000 m  
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

|                                                                                 |                           |             |
|---------------------------------------------------------------------------------|---------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                                   |                           |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,Rajasthan 301019. |                           |             |
| NAME: XENIA SH145 DUO LENS                                                      | TYPE: 3000K CRI 90        | WEIGHT:     |
| SPECIFICATION:                                                                  | DIMENSION: 1200*145*27 MM | SERIAL No.: |



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date: 12-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:8.000 m  
Remarks: 3000K

## AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS

Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019.

NAME: XENIA SH145 DUO LENS

TYPE: 3000K CRI 90

WEIGHT:

SPECIFICATION:

DIMENSION: 1200\*145\*27 MM

SERIAL No.:

| VERTICAL (DEG)                                                                               | AREA FLUX DIAGRAM |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | UNIT:lm |      | Φ t | Φ a |
|----------------------------------------------------------------------------------------------|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------|------|-----|-----|
|                                                                                              | 90                | 80   | 70   | 60   | 50   | 40   | 30   | 20   | 10   | 0    | 10   | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90      |      |     |     |
| 90<br>80<br>70<br>60<br>50<br>40<br>30<br>0<br>-30<br>-40<br>-50<br>-60<br>-70<br>-80<br>-90 | 0.04              | 0.14 | 0.28 | 0.41 | 0.48 | 0.52 | 0.55 | 0.60 | 0.62 | 0.59 | 0.51 | 0.41 | 0.34 | 0.29 | 0.23 | 0.16 | 0.09 | 0.03 | 6.28    | 0.00 |     |     |
|                                                                                              | 0.05              | 0.21 | 0.49 | 0.79 | 1.05 | 1.27 | 1.47 | 1.63 | 1.68 | 1.63 | 1.48 | 1.24 | 1.02 | 0.81 | 0.57 | 0.32 | 0.13 | 0.03 | 15.9    | 0.00 |     |     |
|                                                                                              | 0.06              | 0.28 | 0.69 | 1.23 | 1.81 | 2.42 | 2.95 | 3.39 | 3.56 | 3.46 | 3.12 | 2.57 | 2.01 | 1.47 | 0.97 | 0.52 | 0.20 | 0.04 | 30.7    | 0.00 |     |     |
|                                                                                              | 0.07              | 0.36 | 0.91 | 1.81 | 3.01 | 4.39 | 5.77 | 7.01 | 7.63 | 7.41 | 6.41 | 4.98 | 3.65 | 2.43 | 1.44 | 0.73 | 0.26 | 0.04 | 58.3    | 6.17 |     |     |
|                                                                                              | 0.07              | 0.42 | 1.15 | 2.59 | 4.87 | 7.57 | 10.2 | 12.6 | 14.0 | 13.7 | 11.7 | 9.04 | 6.34 | 3.87 | 2.04 | 0.94 | 0.33 | 0.05 | 102     | 74.5 |     |     |
|                                                                                              | 0.08              | 0.48 | 1.41 | 3.53 | 7.12 | 11.5 | 16.5 | 21.8 | 25.6 | 24.8 | 20.0 | 14.7 | 9.95 | 5.80 | 2.75 | 1.14 | 0.39 | 0.06 | 168     | 152  |     |     |
|                                                                                              | 0.09              | 0.53 | 1.67 | 4.48 | 9.34 | 16.3 | 27.1 | 39.4 | 47.0 | 45.4 | 35.3 | 23.2 | 14.0 | 7.78 | 3.52 | 1.34 | 0.44 | 0.06 | 277     | 266  |     |     |
|                                                                                              | 0.09              | 0.57 | 1.88 | 5.28 | 11.2 | 21.8 | 40.9 | 59.3 | 69.4 | 67.2 | 53.9 | 34.4 | 18.1 | 9.43 | 4.18 | 1.49 | 0.47 | 0.07 | 400     | 390  |     |     |
|                                                                                              | 0.09              | 0.58 | 1.99 | 5.74 | 12.4 | 26.2 | 50.2 | 72.6 | 84.8 | 82.2 | 66.3 | 42.2 | 21.1 | 10.4 | 4.56 | 1.56 | 0.49 | 0.07 | 484     | 475  |     |     |
|                                                                                              | 0.09              | 0.58 | 1.98 | 5.72 | 12.5 | 26.6 | 51.2 | 74.4 | 87.4 | 84.8 | 67.6 | 43.0 | 21.2 | 10.3 | 4.52 | 1.55 | 0.48 | 0.07 | 495     | 485  |     |     |
|                                                                                              | 0.09              | 0.56 | 1.85 | 5.20 | 11.2 | 22.6 | 43.8 | 65.2 | 77.1 | 74.7 | 59.0 | 36.1 | 18.2 | 9.30 | 4.08 | 1.46 | 0.46 | 0.07 | 431     | 421  |     |     |
|                                                                                              | 0.08              | 0.52 | 1.62 | 4.35 | 9.22 | 16.9 | 30.5 | 47.1 | 55.8 | 53.7 | 41.6 | 25.2 | 13.9 | 7.54 | 3.37 | 1.29 | 0.43 | 0.06 | 314     | 302  |     |     |
|                                                                                              | 0.08              | 0.47 | 1.36 | 3.35 | 6.92 | 11.9 | 18.6 | 26.2 | 30.4 | 29.2 | 23.2 | 16.0 | 10.0 | 5.50 | 2.59 | 1.09 | 0.38 | 0.06 | 188     | 172  |     |     |
|                                                                                              | 0.07              | 0.41 | 1.10 | 2.44 | 4.73 | 7.89 | 11.3 | 14.0 | 15.2 | 14.8 | 12.9 | 9.95 | 6.59 | 3.75 | 1.89 | 0.88 | 0.32 | 0.05 | 109     | 84.9 |     |     |
|                                                                                              | 0.06              | 0.34 | 0.86 | 1.71 | 3.02 | 4.76 | 6.57 | 7.62 | 7.86 | 7.63 | 6.99 | 5.71 | 3.96 | 2.42 | 1.32 | 0.68 | 0.25 | 0.04 | 61.8    | 10.5 |     |     |
|                                                                                              | 0.06              | 0.27 | 0.65 | 1.17 | 1.88 | 2.73 | 3.47 | 3.75 | 3.66 | 3.55 | 3.44 | 3.05 | 2.30 | 1.53 | 0.91 | 0.49 | 0.19 | 0.04 | 33.1    | 0.00 |     |     |
| 0.05                                                                                         | 0.20              | 0.45 | 0.77 | 1.14 | 1.54 | 1.83 | 1.86 | 1.74 | 1.69 | 1.70 | 1.60 | 1.29 | 0.91 | 0.56 | 0.30 | 0.13 | 0.03 | 17.8 | 0.00    |      |     |     |
| 0.04                                                                                         | 0.13              | 0.26 | 0.42 | 0.59 | 0.76 | 0.84 | 0.80 | 0.72 | 0.69 | 0.71 | 0.70 | 0.59 | 0.42 | 0.26 | 0.16 | 0.09 | 0.03 | 8.21 | 0.00    |      |     |     |
|                                                                                              |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |     |     |
| Φ t                                                                                          | 1.24              | 7.09 | 20.6 | 51.0 | 103  | 188  | 324  | 460  | 535  | 518  | 416  | 275  | 155  | 84.1 | 39.8 | 16.1 | 5.52 | 0.90 | 3210    |      |     |     |
| Φ a                                                                                          | 0.00              | 0.00 | 0.00 | 16.8 | 76.9 | 164  | 301  | 437  | 513  | 495  | 394  | 251  | 130  | 56.1 | 5.14 | 0.00 | 0.00 | 0.00 |         | 2846 |     |     |

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date: 12-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:8.000 m  
 Remarks: 3000K

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: DIVINITY LIGHTS

Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019.

NAME: XENIA SH145 DUO LENS

TYPE: 3000K CRI 90

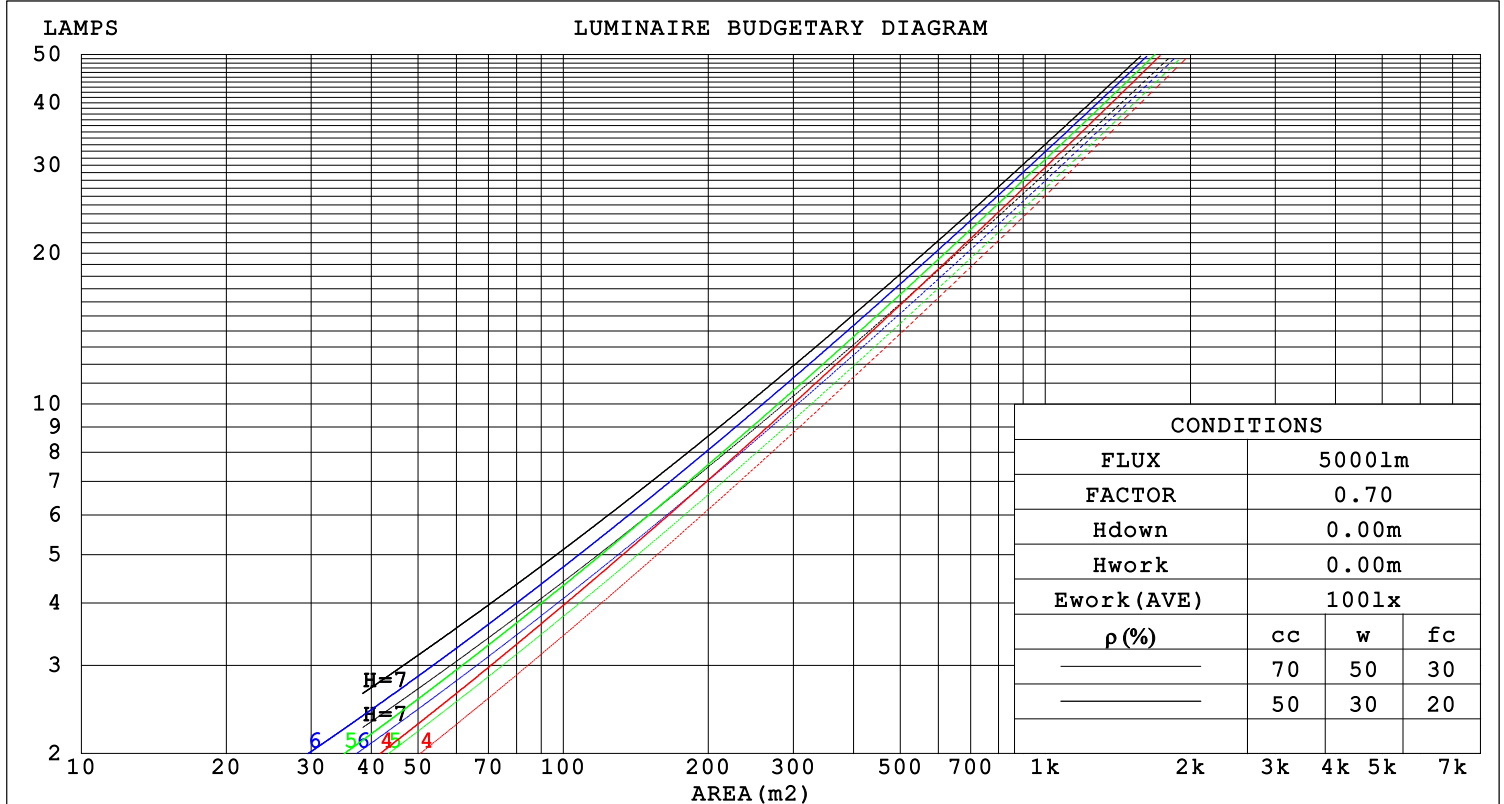
WEIGHT:

SPECIFICATION:

DIMENSION: 1200\*145\*27 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 |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 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  | 1.08                  | 1.05 | 1.02 | 1.06 | 1.03 | 1.01 | 1.02 | .00  | .98  | .98  | .96  | .95  | .95  | .93  | .92  | .90                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2.0  | .99                   | .94  | .89  | .97  | .92  | .88  | .93  | .90  | .86  | .90  | .87  | .84  | .87  | .85  | .83  | .81                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3.0  | .90                   | .84  | .79  | .89  | .83  | .78  | .86  | .81  | .77  | .83  | .79  | .76  | .81  | .78  | .75  | .73                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4.0  | .83                   | .76  | .71  | .81  | .75  | .70  | .79  | .74  | .70  | .77  | .72  | .69  | .75  | .71  | .68  | .66                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5.0  | .76                   | .69  | .64  | .75  | .69  | .64  | .73  | .68  | .63  | .72  | .67  | .63  | .70  | .66  | .62  | .60                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6.0  | .71                   | .64  | .59  | .70  | .63  | .58  | .68  | .62  | .58  | .67  | .61  | .57  | .65  | .61  | .57  | .55                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7.0  | .66                   | .59  | .54  | .65  | .58  | .54  | .64  | .58  | .53  | .62  | .57  | .53  | .61  | .56  | .53  | .51                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8.0  | .61                   | .54  | .50  | .61  | .54  | .50  | .60  | .54  | .49  | .58  | .53  | .49  | .57  | .53  | .49  | .47                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9.0  | .57                   | .51  | .46  | .57  | .50  | .46  | .56  | .50  | .46  | .55  | .50  | .46  | .54  | .49  | .46  | .44                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10.0 | .54                   | .47  | .43  | .54  | .47  | .43  | .53  | .47  | .43  | .52  | .46  | .43  | .51  | .46  | .43  | .41                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 12-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity: 65.0%  
 Test Distance: 8.000 m  
 Remarks: 3000K

WEC AND CCEC

Report number:

|                                                                                 |  |  |  |  |  |  |                           |  |  |  |             |  |  |  |
|---------------------------------------------------------------------------------|--|--|--|--|--|--|---------------------------|--|--|--|-------------|--|--|--|
| MANUFACTURER: DIVINITY LIGHTS                                                   |  |  |  |  |  |  |                           |  |  |  |             |  |  |  |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,Rajasthan 301019. |  |  |  |  |  |  |                           |  |  |  |             |  |  |  |
| NAME: XENIA SH145 DUO LENS                                                      |  |  |  |  |  |  | TYPE: 3000K CRI 90        |  |  |  | WEIGHT:     |  |  |  |
| SPECIFICATION:                                                                  |  |  |  |  |  |  | DIMENSION: 1200*145*27 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  | .225                  | .128 | .041 | .218 | .124 | .040 | .205                            | .118 | .038 | .193 | .112 | .036 | .183 | .106 | .034 |   |
| 2.0  | .214                  | .117 | .036 | .208 | .115 | .035 | .197                            | .110 | .034 | .187 | .105 | .033 | .177 | .100 | .032 |   |
| 3.0  | .201                  | .107 | .032 | .196 | .105 | .032 | .187                            | .101 | .031 | .178 | .097 | .030 | .170 | .094 | .029 |   |
| 4.0  | .189                  | .098 | .029 | .185 | .097 | .029 | .177                            | .094 | .028 | .169 | .091 | .027 | .162 | .088 | .027 |   |
| 5.0  | .178                  | .091 | .026 | .174 | .089 | .026 | .167                            | .087 | .026 | .160 | .084 | .025 | .154 | .082 | .025 |   |
| 6.0  | .168                  | .084 | .024 | .164 | .083 | .024 | .158                            | .081 | .024 | .152 | .079 | .023 | .146 | .077 | .023 |   |
| 7.0  | .159                  | .078 | .022 | .156 | .078 | .022 | .150                            | .076 | .022 | .144 | .074 | .022 | .139 | .072 | .021 |   |
| 8.0  | .150                  | .073 | .021 | .147 | .073 | .021 | .142                            | .071 | .020 | .138 | .070 | .020 | .133 | .068 | .020 |   |
| 9.0  | .142                  | .069 | .019 | .140 | .068 | .019 | .135                            | .067 | .019 | .131 | .066 | .019 | .127 | .065 | .019 |   |
| 10.0 | .135                  | .065 | .018 | .133 | .064 | .018 | .129                            | .063 | .018 | .125 | .062 | .018 | .121 | .061 | .018 |   |

| 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  | .174                  | .157 | .141 | .149 | .135 | .121 | .102                                       | .093 | .084 | .059 | .054 | .049 | .019 | .017 | .016 |   |
| 2.0  | .162                  | .132 | .107 | .139 | .114 | .093 | .095                                       | .079 | .065 | .055 | .046 | .038 | .018 | .015 | .012 |   |
| 3.0  | .151                  | .114 | .084 | .130 | .098 | .073 | .089                                       | .068 | .051 | .051 | .040 | .030 | .017 | .013 | .010 |   |
| 4.0  | .142                  | .100 | .067 | .122 | .086 | .058 | .084                                       | .060 | .041 | .048 | .035 | .024 | .016 | .011 | .008 |   |
| 5.0  | .134                  | .089 | .055 | .115 | .077 | .048 | .079                                       | .053 | .034 | .046 | .031 | .020 | .015 | .010 | .007 |   |
| 6.0  | .127                  | .080 | .046 | .109 | .069 | .040 | .075                                       | .048 | .028 | .044 | .028 | .017 | .014 | .009 | .006 |   |
| 7.0  | .120                  | .072 | .039 | .103 | .063 | .034 | .071                                       | .044 | .024 | .042 | .026 | .014 | .013 | .008 | .005 |   |
| 8.0  | .114                  | .066 | .033 | .098 | .057 | .029 | .068                                       | .040 | .021 | .040 | .024 | .012 | .013 | .008 | .004 |   |
| 9.0  | .109                  | .061 | .029 | .094 | .053 | .025 | .065                                       | .037 | .018 | .038 | .022 | .011 | .012 | .007 | .004 |   |
| 10.0 | .104                  | .057 | .025 | .090 | .049 | .022 | .062                                       | .035 | .016 | .036 | .021 | .009 | .012 | .007 | .003 |   |

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date: 12-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:8.000 m  
 Remarks: 3000K

Uncorrected UGR Table

Report number:

|                                                                                 |        |                  |      |      |                           |      |                |             |      |      |      |
|---------------------------------------------------------------------------------|--------|------------------|------|------|---------------------------|------|----------------|-------------|------|------|------|
| MANUFACTURER: DIVINITY LIGHTS                                                   |        |                  |      |      |                           |      |                |             |      |      |      |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,Rajasthan 301019. |        |                  |      |      |                           |      |                |             |      |      |      |
| NAME: XENIA SH145 DUO LENS                                                      |        |                  |      |      | TYPE: 3000K CRI 90        |      |                | WEIGHT:     |      |      |      |
| SPECIFICATION:                                                                  |        |                  |      |      | DIMENSION: 1200*145*27 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 | 15.6             | 16.8 | 15.9 | 16.9                      | 17.1 | 15.9           | 17.1        | 16.2 | 17.3 | 17.5 |
|                                                                                 | 3H     | 16.1             | 17.2 | 16.4 | 17.4                      | 17.6 | 16.4           | 17.4        | 16.6 | 17.6 | 17.8 |
|                                                                                 | 4H     | 16.3             | 17.3 | 16.6 | 17.6                      | 17.8 | 16.6           | 17.6        | 16.8 | 17.8 | 18.0 |
|                                                                                 | 6H     | 16.5             | 17.5 | 16.8 | 17.7                      | 18.0 | 16.7           | 17.7        | 17.0 | 17.9 | 18.2 |
|                                                                                 | 8H     | 16.5             | 17.5 | 16.9 | 17.7                      | 18.0 | 16.8           | 17.7        | 17.1 | 17.9 | 18.2 |
|                                                                                 | 12H    | 16.6             | 17.5 | 16.9 | 17.7                      | 18.0 | 16.8           | 17.7        | 17.2 | 18.0 | 18.3 |
| 4H                                                                              | 2H     | 15.8             | 16.8 | 16.1 | 17.0                      | 17.3 | 16.1           | 17.1        | 16.4 | 17.3 | 17.6 |
|                                                                                 | 3H     | 16.4             | 17.3 | 16.8 | 17.6                      | 17.9 | 16.7           | 17.6        | 17.1 | 17.9 | 18.2 |
|                                                                                 | 4H     | 16.8             | 17.6 | 17.1 | 17.9                      | 18.2 | 17.0           | 17.8        | 17.4 | 18.1 | 18.5 |
|                                                                                 | 6H     | 17.1             | 17.8 | 17.4 | 18.1                      | 18.5 | 17.3           | 18.0        | 17.7 | 18.4 | 18.7 |
|                                                                                 | 8H     | 17.1             | 17.8 | 17.5 | 18.1                      | 18.5 | 17.4           | 18.1        | 17.8 | 18.5 | 18.8 |
|                                                                                 | 12H    | 17.2             | 17.8 | 17.6 | 18.2                      | 18.6 | 17.6           | 18.2        | 18.0 | 18.5 | 18.9 |
| 8H                                                                              | 4H     | 16.9             | 17.5 | 17.3 | 17.9                      | 18.3 | 17.1           | 17.8        | 17.5 | 18.2 | 18.5 |
|                                                                                 | 6H     | 17.3             | 17.8 | 17.7 | 18.2                      | 18.6 | 17.6           | 18.1        | 18.0 | 18.5 | 18.9 |
|                                                                                 | 8H     | 17.4             | 17.9 | 17.9 | 18.3                      | 18.7 | 17.8           | 18.3        | 18.3 | 18.7 | 19.1 |
|                                                                                 | 12H    | 17.5             | 18.0 | 18.0 | 18.4                      | 18.9 | 18.0           | 18.4        | 18.5 | 18.9 | 19.3 |
| 12H                                                                             | 4H     | 16.9             | 17.5 | 17.3 | 17.9                      | 18.3 | 17.1           | 17.7        | 17.5 | 18.1 | 18.5 |
|                                                                                 | 6H     | 17.3             | 17.8 | 17.8 | 18.2                      | 18.7 | 17.6           | 18.1        | 18.1 | 18.5 | 19.0 |
|                                                                                 | 8H     | 17.5             | 17.9 | 17.9 | 18.3                      | 18.8 | 17.9           | 18.3        | 18.3 | 18.7 | 19.2 |
| Variations with the observer position at spacings:                              |        |                  |      |      |                           |      |                |             |      |      |      |
| S = 1.0H                                                                        |        | + 0.6 / - 0.8    |      |      |                           |      | + 0.6 / - 0.8  |             |      |      |      |
| 1.5H                                                                            |        | + 0.5 / - 0.7    |      |      |                           |      | + 0.6 / - 0.6  |             |      |      |      |
| 2.0H                                                                            |        | + 1.5 / - 1.3    |      |      |                           |      | + 1.3 / - 1.4  |             |      |      |      |

CIE Pub.117 Corrected 3210 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.1)

Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date: 12-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:8.000 m  
Remarks: 3000K

## UTILIZATION FACTORS TABLE

Report number:

|                                                                                  |                           |             |
|----------------------------------------------------------------------------------|---------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                                    |                           |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, Rajasthan 301019. |                           |             |
| NAME: XENIA SH145 DUO LENS                                                       | TYPE: 3000K CRI 90        | WEIGHT:     |
| SPECIFICATION:                                                                   | DIMENSION: 1200*145*27 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 75                                                   | 66  | 61        | 74  | 66  | 61  | 73  | 65            | 61  | 56     |
| 0.80                             | 83                                                   | 75  | 70        | 83  | 75  | 70  | 81  | 74            | 69  | 64     |
| 1.00                             | 90                                                   | 82  | 77        | 89  | 82  | 77  | 87  | 82            | 76  | 71     |
| 1.25                             | 95                                                   | 88  | 83        | 94  | 87  | 83  | 92  | 86            | 82  | 77     |
| 1.50                             | 99                                                   | 92  | 88        | 98  | 91  | 87  | 95  | 90            | 86  | 80     |
| 2.00                             | 103                                                  | 98  | 93        | 102 | 97  | 92  | 99  | 94            | 91  | 85     |
| 2.50                             | 106                                                  | 101 | 96        | 104 | 99  | 96  | 101 | 97            | 94  | 87     |
| 3.00                             | 108                                                  | 103 | 100       | 106 | 102 | 99  | 103 | 99            | 96  | 89     |
| 4.00                             | 111                                                  | 107 | 104       | 109 | 105 | 102 | 105 | 102           | 100 | 92     |
| 5.00                             | 112                                                  | 109 | 106       | 110 | 107 | 105 | 106 | 104           | 102 | 94     |
| ROOM INDEX                       | UF (total)                                           |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |                                                      |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

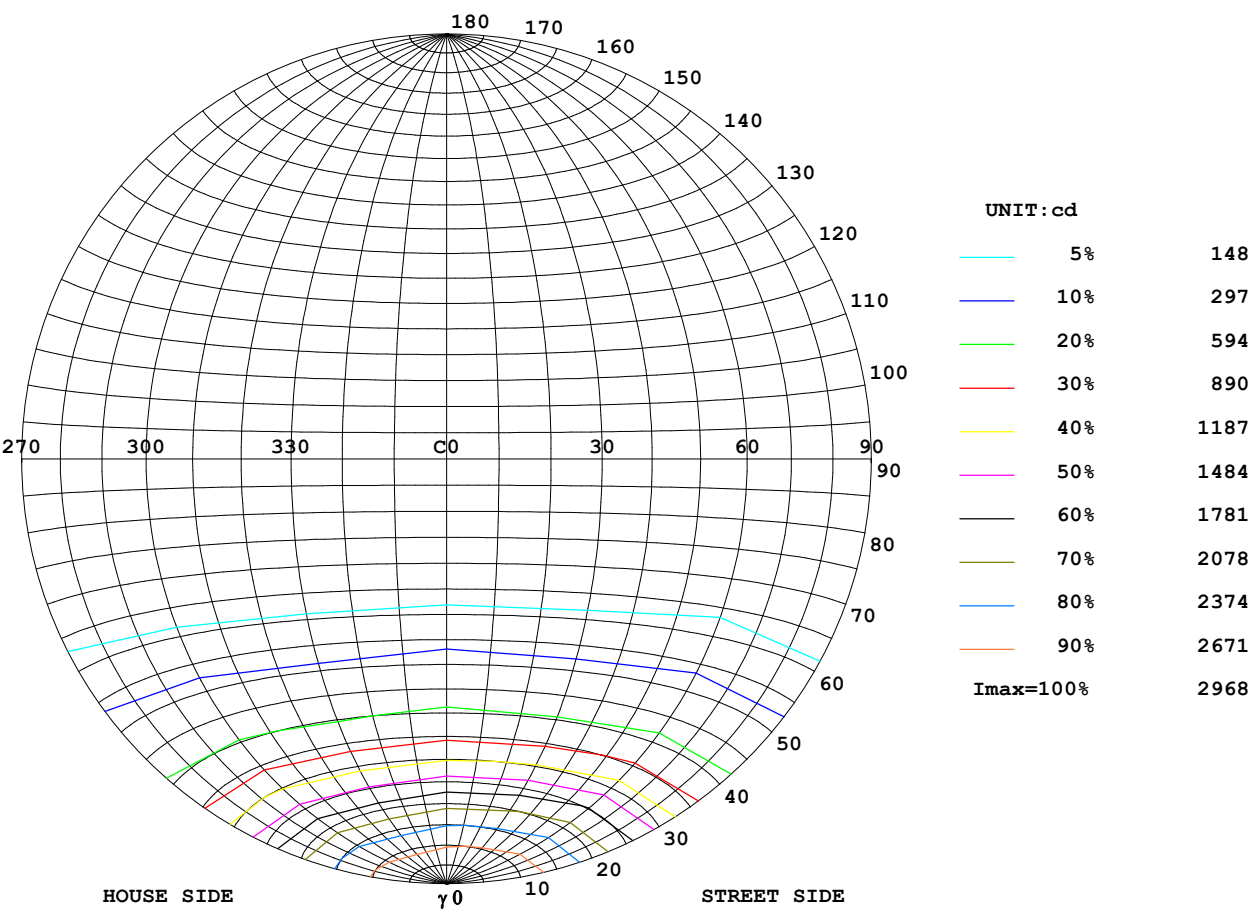
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 12-30-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)  
 Humidity: 65.0%  
 Test Distance: 8.000 m  
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

|                                                                                 |                           |             |
|---------------------------------------------------------------------------------|---------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                                   |                           |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,Rajasthan 301019. |                           |             |
| NAME: XENIA SH145 DUO LENS                                                      | TYPE: 3000K CRI 90        | WEIGHT:     |
| SPECIFICATION:                                                                  | DIMENSION: 1200*145*27 MM | SERIAL No.: |



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date: 12-30-2025

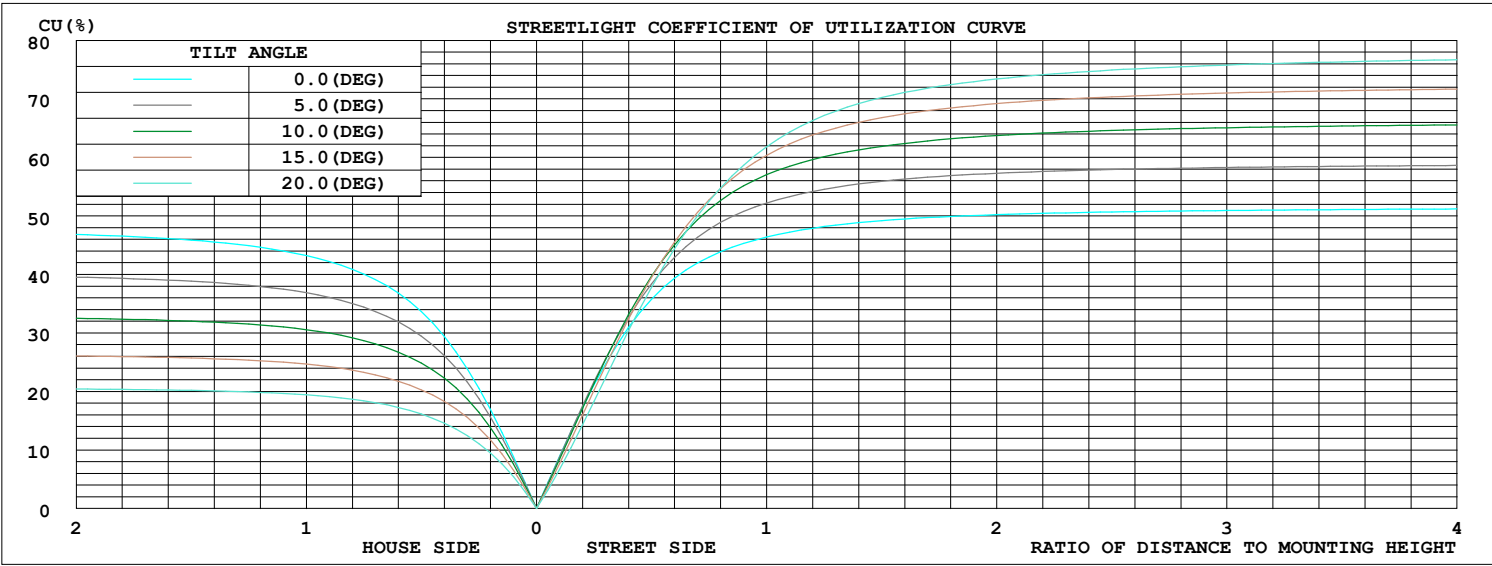
Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:8.000 m  
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

|                                                                                 |                           |             |
|---------------------------------------------------------------------------------|---------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                                   |                           |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,Rajasthan 301019. |                           |             |
| NAME: XENIA SH145 DUO LENS                                                      | TYPE: 3000K CRI 90        | WEIGHT:     |
| SPECIFICATION:                                                                  | DIMENSION: 1200*145*27 MM | SERIAL No.: |

ILLUMINANCE AT MH=10 m,Enadir = 29.57 lx



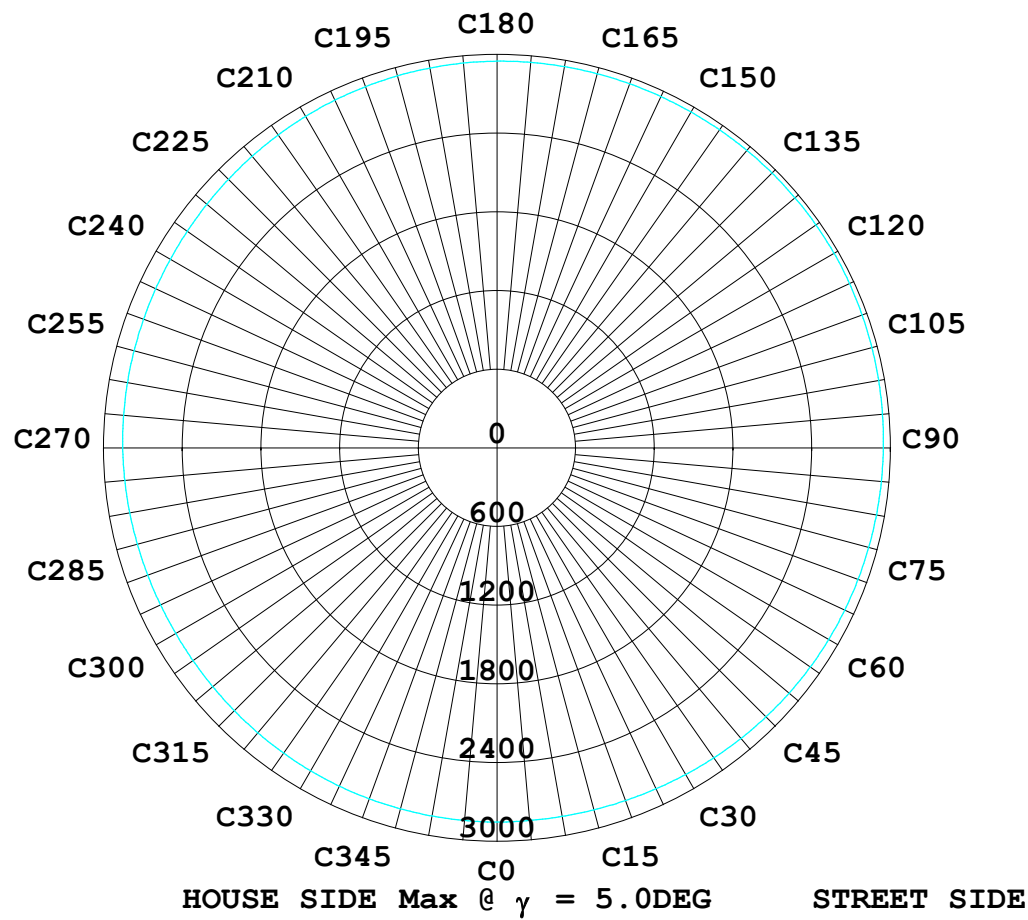
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date: 12-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:8.000 m  
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

|                                                                                 |                           |             |
|---------------------------------------------------------------------------------|---------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                                   |                           |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,Rajasthan 301019. |                           |             |
| NAME: XENIA SH145 DUO LENS                                                      | TYPE: 3000K CRI 90        | WEIGHT:     |
| SPECIFICATION:                                                                  | DIMENSION: 1200*145*27 MM | SERIAL No.: |



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date: 12-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:8.000 m  
Remarks: 3000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

|                                                                                 |                           |             |
|---------------------------------------------------------------------------------|---------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                                   |                           |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,Rajasthan 301019. |                           |             |
| NAME: XENIA SH145 DUO LENS                                                      | TYPE: 3000K CRI 90        | WEIGHT:     |
| SPECIFICATION:                                                                  | DIMENSION: 1200*145*27 MM | SERIAL No.: |

UNIT: cd

| C (DEG)<br>γ (DEG) | 0    | 30   | 60   | 90   | 120  | 150  | 180  | 210  | 240  | 270  | 300  | 330  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.0                | 2957 | 2957 | 2956 | 2945 | 2954 | 2959 | 2957 | 2957 | 2956 | 2945 | 2954 | 2959 |
| 5.0                | 2853 | 2876 | 2921 | 2945 | 2968 | 2958 | 2949 | 2920 | 2877 | 2855 | 2829 | 2844 |
| 10.0               | 2651 | 2688 | 2776 | 2821 | 2865 | 2842 | 2826 | 2769 | 2691 | 2641 | 2607 | 2627 |
| 15.0               | 2360 | 2397 | 2529 | 2589 | 2653 | 2627 | 2599 | 2527 | 2392 | 2348 | 2276 | 2338 |
| 20.0               | 1993 | 2056 | 2192 | 2261 | 2349 | 2304 | 2274 | 2199 | 2038 | 1974 | 1907 | 1967 |
| 25.0               | 1596 | 1649 | 1796 | 1872 | 1973 | 1926 | 1914 | 1813 | 1658 | 1579 | 1513 | 1564 |
| 30.0               | 1164 | 1207 | 1332 | 1416 | 1532 | 1508 | 1487 | 1404 | 1234 | 1168 | 1098 | 1157 |
| 35.0               | 837  | 843  | 920  | 973  | 1073 | 1063 | 1057 | 999  | 867  | 828  | 778  | 831  |
| 40.0               | 630  | 612  | 658  | 670  | 753  | 747  | 762  | 725  | 632  | 606  | 576  | 618  |
| 45.0               | 484  | 465  | 486  | 486  | 547  | 557  | 577  | 556  | 477  | 461  | 435  | 478  |
| 50.0               | 361  | 346  | 361  | 354  | 407  | 421  | 443  | 430  | 361  | 345  | 324  | 359  |
| 55.0               | 257  | 239  | 266  | 244  | 302  | 309  | 328  | 320  | 270  | 248  | 228  | 259  |
| 60.0               | 169  | 167  | 185  | 166  | 217  | 214  | 221  | 232  | 182  | 166  | 159  | 179  |
| 65.0               | 114  | 113  | 130  | 109  | 150  | 147  | 145  | 158  | 126  | 111  | 109  | 124  |
| 70.0               | 83.6 | 77.5 | 92.8 | 74.8 | 107  | 101  | 97.5 | 108  | 87.9 | 77.0 | 74.7 | 85.8 |
| 75.0               | 58.8 | 54.2 | 65.3 | 52.8 | 75.5 | 70.0 | 70.4 | 75.7 | 59.3 | 53.9 | 49.4 | 60.1 |
| 80.0               | 36.7 | 36.3 | 44.2 | 34.8 | 52.3 | 48.5 | 47.6 | 52.7 | 38.5 | 34.8 | 30.3 | 39.6 |
| 85.0               | 18.7 | 17.5 | 26.9 | 20.3 | 33.4 | 30.9 | 27.0 | 33.8 | 20.9 | 19.1 | 13.8 | 19.3 |
| 90.0               | 10.6 | 8.12 | 14.0 | 10.9 | 17.4 | 13.4 | 11.9 | 13.7 | 7.10 | 7.68 | 3.90 | 6.20 |

Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date: 12-30-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:8.000 m  
Remarks: 3000K