

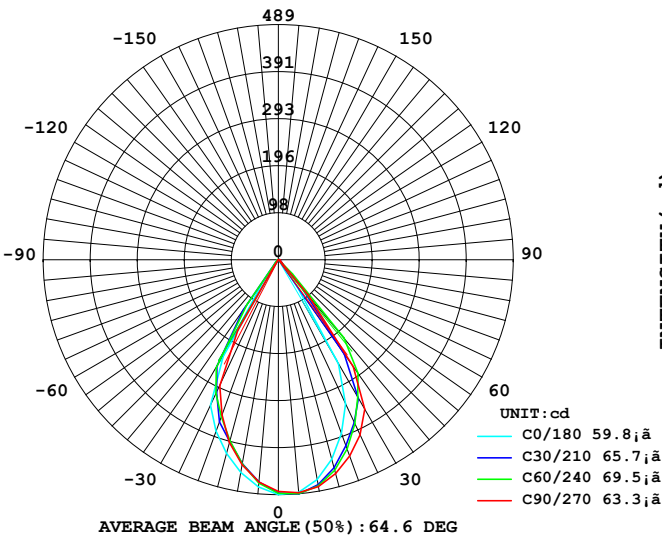
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

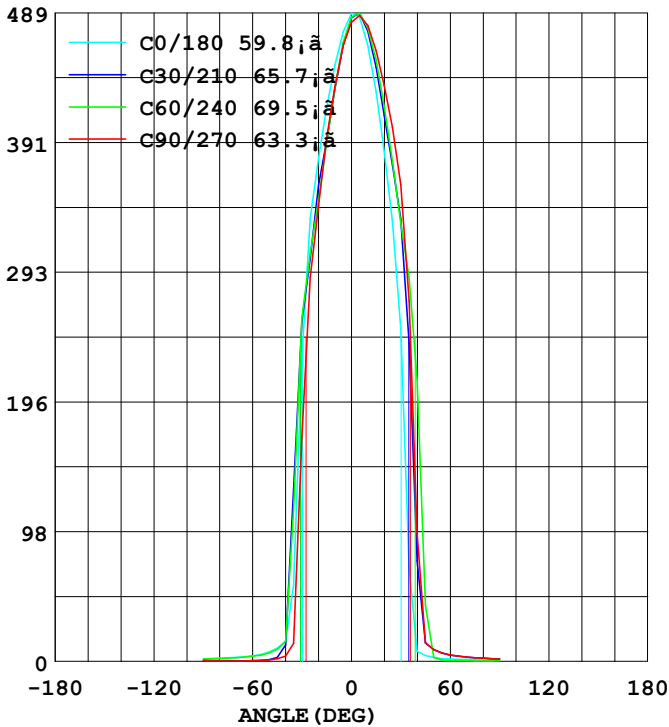
|                                                                         |                               |             |
|-------------------------------------------------------------------------|-------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                           |                               |             |
| Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019 |                               |             |
| NAME: ARYA 4                                                            | TYPE: 3000K CRI-90            | WEIGHT:     |
| SPECIFICATION: OSRAM -250 MA                                            | DIMENSION: L-50 W--50 H-43 MM | SERIAL No.: |

|                   |        |                     |        |                   |       |
|-------------------|--------|---------------------|--------|-------------------|-------|
| DATA OF LAMP      |        | Imax (cd)           | 489.0  | S/MH (C0/180)     | 0.85  |
| MODEL             | ARYA 4 | EFFICIENCY (%)      | 100.0  | S/MH (C90/270)    | 0.80  |
| NOMINAL POWER (W) | 7      | TOTAL FLUX (lm)     | 447.01 | Voltage (V)       | 219.6 |
| RATED VOLTAGE (V) | 220    | EFFICIENCY (lm/W)   | 63.0   | Current (A)       | 0.030 |
| NOMINAL FLUX (lm) | 447.0  | $\eta$ up (%)       | 0.0    | Power (W)         | 7.100 |
| LAMPS QUANTITY    | 1      | $\eta$ down (%)     | 100.0  | Power Factor (PF) | 0.994 |
| TEST VOLTAGE (V)  | 219.7  | Effective Flux (lm) | 428.0  | EEI               | 0.181 |

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:08-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:9.500 m  
Remarks: 3000K

Color Temperature Data List

Report number:

|                                                                         |                               |             |
|-------------------------------------------------------------------------|-------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                           |                               |             |
| Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019 |                               |             |
| NAME: ARYA 4                                                            | TYPE: 3000K CRI-90            | WEIGHT:     |
| SPECIFICATION: OSRAM -250 MA                                            | DIMENSION: L-50 W--50 H-43 MM | SERIAL No.: |

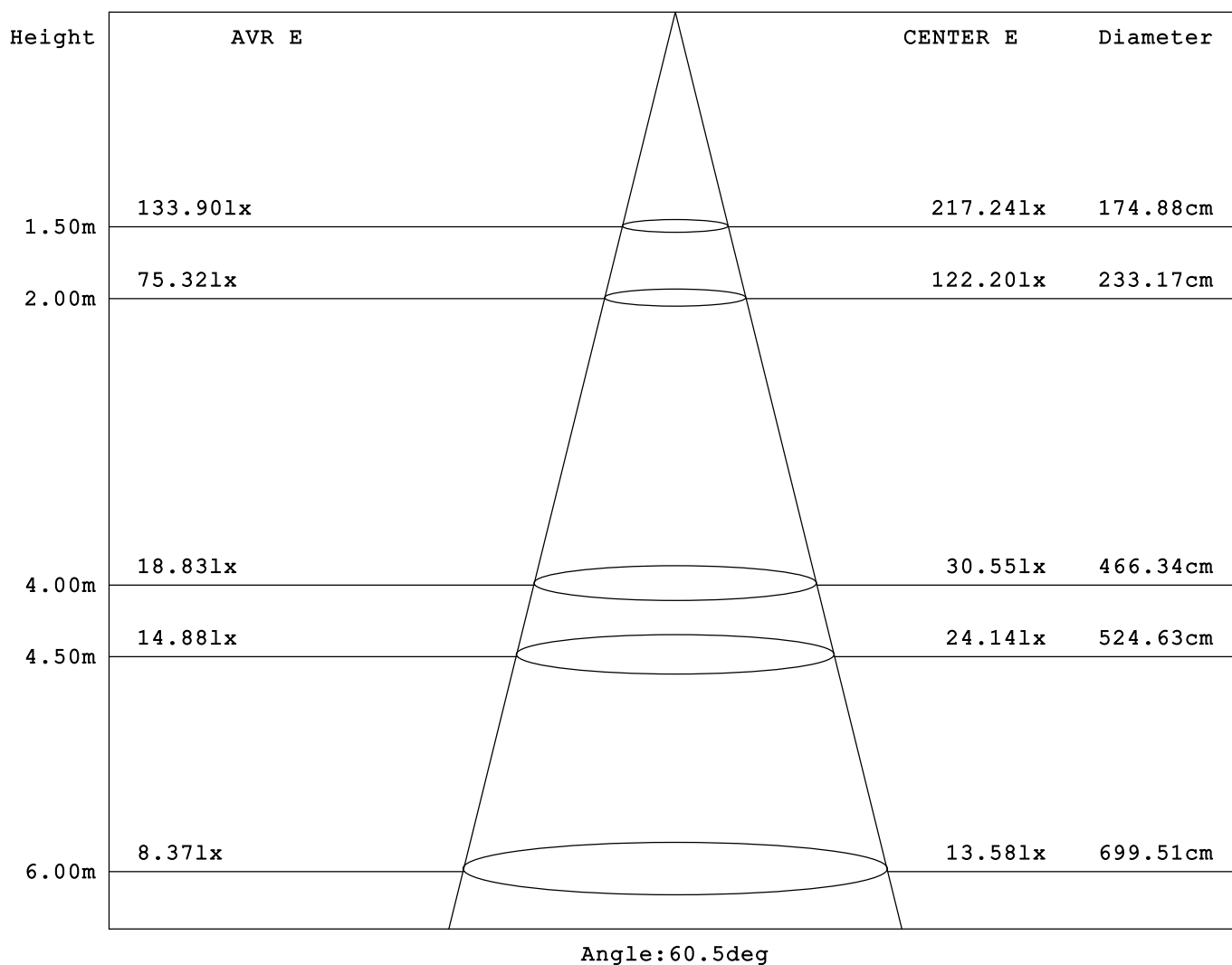
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:08-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:9.500 m  
Remarks: 3000K

## AVERAGE AND CENTER E Figure

Report number:

|                                                                         |                               |             |
|-------------------------------------------------------------------------|-------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                           |                               |             |
| Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019 |                               |             |
| NAME: ARYA 4                                                            | TYPE: 3000K CRI-90            | WEIGHT:     |
| SPECIFICATION: OSRAM -250 MA                                            | DIMENSION: L-50 W--50 H-43 MM | SERIAL No.: |



Test System: HOPOO HPG1800  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 08-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity: 65.0%  
 Test Distance: 9.500 m  
 Remarks: 3000K

## ZONAL FLUX DIAGRAM

Report number:

|                                                                         |                               |             |
|-------------------------------------------------------------------------|-------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                           |                               |             |
| Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019 |                               |             |
| NAME: ARYA 4                                                            | TYPE: 3000K CRI-90            | WEIGHT:     |
| SPECIFICATION: OSRAM -250 MA                                            | DIMENSION: L-50 W--50 H-43 MM | SERIAL No.: |

| γ     | C0                    | C45   | C90   | C135  | C180  | C225  | C270  | C315  | γ       | Zone    | total |
|-------|-----------------------|-------|-------|-------|-------|-------|-------|-------|---------|---------|-------|
| 10.0  | 449.3                 | 431.8 | 433.2 | 446.5 | 464.2 | 476.4 | 479.4 | 461.8 | 0- 10   | 44.84   | 44.84 |
| 20.0  | 379.5                 | 353.5 | 343.7 | 362.8 | 384.9 | 415.3 | 434.4 | 401.9 | 10- 20  | 118.4   | 163.3 |
| 30.0  | 228.8                 | 257.9 | 169.8 | 270.2 | 250.8 | 331.9 | 359.4 | 320.1 | 20- 30  | 154.5   | 317.9 |
| 40.0  | 15.16                 | 13.94 | 4.061 | 15.25 | 7.671 | 144.3 | 96.29 | 128.6 | 30- 40  | 102.9   | 420.9 |
| 50.0  | 7.039                 | 3.880 | 1.083 | 4.106 | 2.978 | 5.956 | 8.844 | 5.595 | 40- 50  | 17.50   | 438.4 |
| 60.0  | 4.151                 | 2.256 | 0.542 | 2.301 | 1.714 | 2.752 | 4.873 | 2.481 | 50- 60  | 3.172   | 441.5 |
| 70.0  | 3.068                 | 1.624 | 0.451 | 1.669 | 1.624 | 1.895 | 3.249 | 1.669 | 60- 70  | 2.151   | 443.7 |
| 80.0  | 2.346                 | 1.398 | 0.451 | 1.353 | 1.624 | 1.444 | 2.436 | 1.308 | 70- 80  | 1.743   | 445.4 |
| 90.0  | 1.895                 | 1.353 | 0.812 | 1.353 | 2.166 | 1.263 | 1.805 | 1.173 | 80- 90  | 1.546   | 447.0 |
| 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:08-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:9.500 m  
Remarks: 3000K

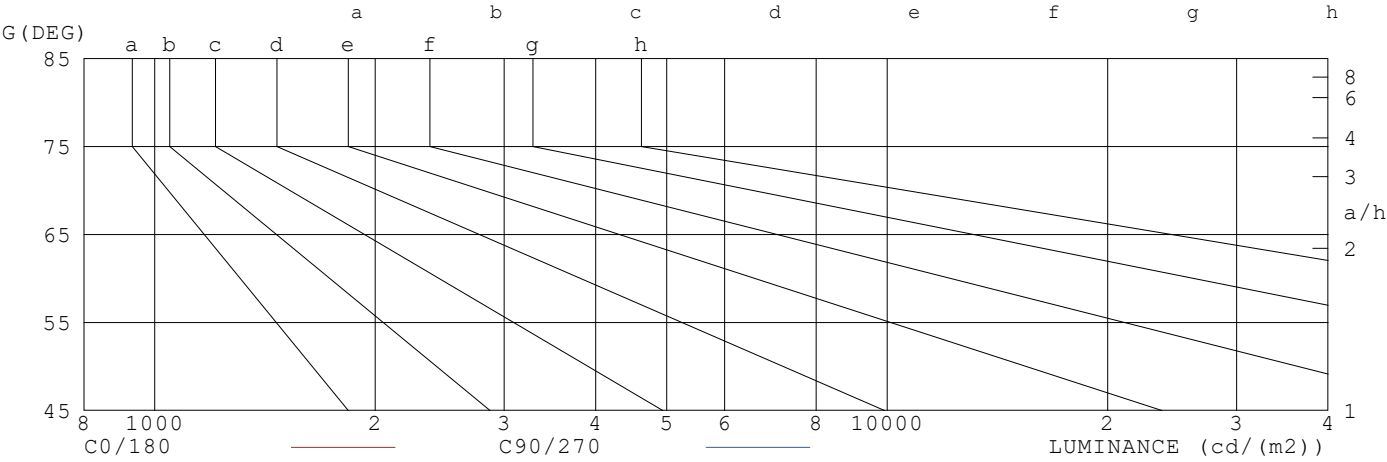
LUMINANCE LIMITATION CURVES

Report number:

|                                                                         |                               |             |
|-------------------------------------------------------------------------|-------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                           |                               |             |
| Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019 |                               |             |
| NAME: ARYA 4                                                            | TYPE: 3000K CRI-90            | WEIGHT:     |
| SPECIFICATION: OSRAM -250 MA                                            | DIMENSION: L-50 W--50 H-43 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      | 249    | 52      |
| 80      | 135    | 26      |
| 75      | 105    | 17      |
| 70      | 90     | 13      |
| 65      | 83     | 11      |
| 60      | 83     | 11      |
| 55      | 90     | 13      |
| 50      | 110    | 17      |
| 45      | 143    | 29      |

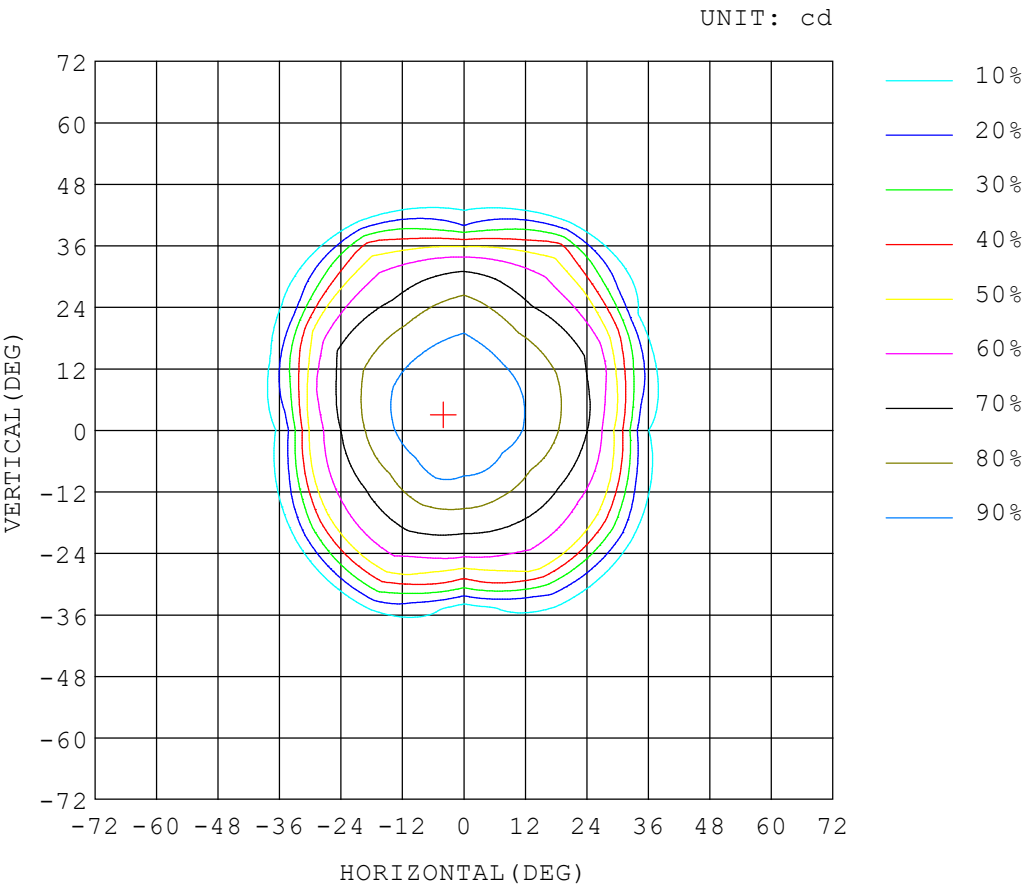
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:08-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:9.500 m  
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

|                                                                         |                               |             |
|-------------------------------------------------------------------------|-------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                           |                               |             |
| Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019 |                               |             |
| NAME: ARYA 4                                                            | TYPE: 3000K CRI-90            | WEIGHT:     |
| SPECIFICATION: OSRAM -250 MA                                            | DIMENSION: L-50 W--50 H-43 MM | SERIAL No.: |



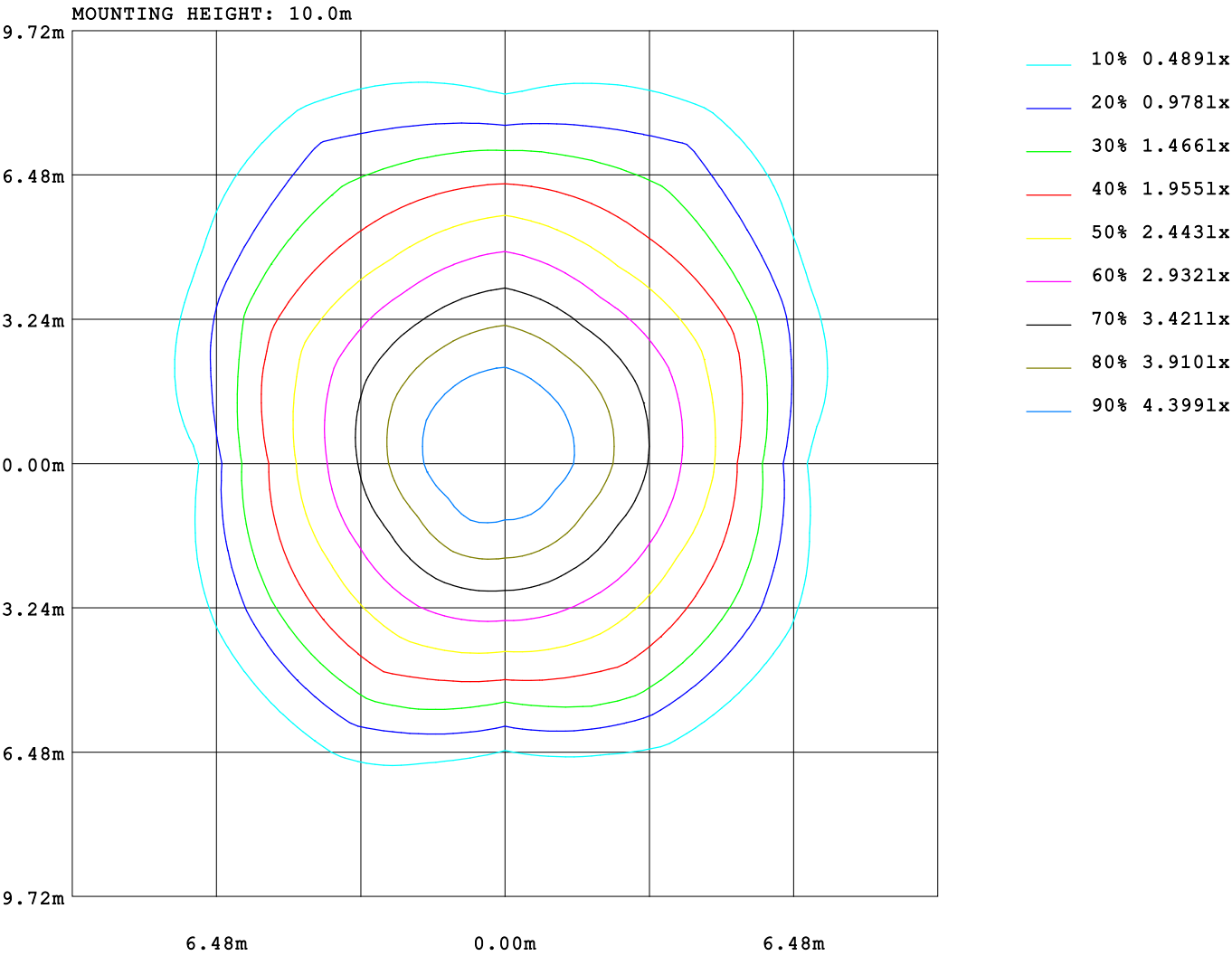
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:08-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:9.500 m  
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

|                                                                         |                               |             |
|-------------------------------------------------------------------------|-------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                           |                               |             |
| Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019 |                               |             |
| NAME: ARYA 4                                                            | TYPE: 3000K CRI-90            | WEIGHT:     |
| SPECIFICATION: OSRAM -250 MA                                            | DIMENSION: L-50 W--50 H-43 MM | SERIAL No.: |



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:08-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:9.500 m  
Remarks: 3000K

## AREA LUMINOUS FLUX

Report number:

MANUFACTURER: DIVINITY LIGHTS

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

NAME: ARYA 4

TYPE: 3000K CRI-90

WEIGHT:

SPECIFICATION: OSRAM -250 MA

DIMENSION: L-50 W--50 H-43 MM

SERIAL No.:

| 72             | AREA FLUX DIAGRAM |      |      |      |      |      |      |      |                  |      |      |      |      |      |      |      | UNIT:lm |      |      |      | Φ t | Φ a |
|----------------|-------------------|------|------|------|------|------|------|------|------------------|------|------|------|------|------|------|------|---------|------|------|------|-----|-----|
|                | 0.02              | 0.02 | 0.03 | 0.03 | 0.02 | 0.01 | 0.02 | 0.04 | 0.06             | 0.06 | 0.04 | 0.02 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02    | 0.02 | 0.48 | 0.00 |     |     |
| 64             | 0.02              | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.03 | 0.06 | 0.08             | 0.08 | 0.05 | 0.03 | 0.01 | 0.02 | 0.03 | 0.03 | 0.02    | 0.02 | 0.62 | 0.00 |     |     |
| 56             | 0.02              | 0.03 | 0.04 | 0.04 | 0.04 | 0.03 | 0.04 | 0.09 | 0.14             | 0.14 | 0.09 | 0.04 | 0.03 | 0.04 | 0.04 | 0.04 | 0.03    | 0.02 | 0.93 | 0.00 |     |     |
| 48             | 0.02              | 0.03 | 0.05 | 0.06 | 0.07 | 0.13 | 0.46 | 0.87 | 0.90             | 0.89 | 0.84 | 0.42 | 0.12 | 0.06 | 0.06 | 0.05 | 0.03    | 0.02 | 5.08 | 2.67 |     |     |
| 40             | 0.02              | 0.03 | 0.05 | 0.09 | 0.18 | 0.99 | 3.12 | 4.20 | 4.47             | 4.44 | 4.12 | 3.00 | 0.91 | 0.16 | 0.08 | 0.05 | 0.03    | 0.02 | 26.0 | 24.7 |     |     |
| 32             | 0.02              | 0.03 | 0.05 | 0.11 | 0.53 | 2.77 | 5.18 | 6.32 | 7.06             | 7.00 | 6.16 | 4.94 | 2.46 | 0.43 | 0.11 | 0.06 | 0.04    | 0.02 | 43.3 | 42.3 |     |     |
| 24             | 0.02              | 0.03 | 0.05 | 0.14 | 1.15 | 4.37 | 6.36 | 7.46 | 8.23             | 8.13 | 7.22 | 6.13 | 3.96 | 0.89 | 0.15 | 0.07 | 0.04    | 0.02 | 54.4 | 53.4 |     |     |
| VERTICAL (DEG) | 0.01              | 0.02 | 0.05 | 0.17 | 1.60 | 5.01 | 7.03 | 8.29 | 9.03             | 8.89 | 8.02 | 6.82 | 4.73 | 1.35 | 0.19 | 0.08 | 0.04    | 0.02 | 61.4 | 60.5 |     |     |
|                | 0.01              | 0.02 | 0.04 | 0.13 | 1.42 | 4.98 | 7.12 | 8.63 | 9.40             | 9.21 | 8.34 | 6.98 | 4.77 | 1.25 | 0.18 | 0.08 | 0.04    | 0.02 | 62.6 | 61.8 |     |     |
|                | 0.01              | 0.02 | 0.03 | 0.07 | 1.17 | 4.70 | 6.79 | 8.22 | 9.06             | 8.89 | 7.96 | 6.69 | 4.50 | 1.07 | 0.15 | 0.07 | 0.04    | 0.02 | 59.5 | 58.7 |     |     |
|                | 0.01              | 0.01 | 0.02 | 0.06 | 0.93 | 4.12 | 6.11 | 7.39 | 8.11             | 7.94 | 7.16 | 5.94 | 3.91 | 0.88 | 0.11 | 0.05 | 0.03    | 0.02 | 52.8 | 52.2 |     |     |
|                | 0.01              | 0.01 | 0.02 | 0.04 | 0.39 | 2.84 | 5.21 | 6.33 | 6.71             | 6.61 | 6.10 | 4.98 | 2.66 | 0.40 | 0.06 | 0.04 | 0.03    | 0.02 | 42.4 | 41.8 |     |     |
| -24            | 0.01              | 0.01 | 0.01 | 0.02 | 0.09 | 0.94 | 3.16 | 4.45 | 4.43             | 4.35 | 4.16 | 2.74 | 0.83 | 0.09 | 0.03 | 0.02 | 0.02    | 0.02 | 25.4 | 24.6 |     |     |
| -32            | 0.01              | 0.01 | 0.01 | 0.02 | 0.06 | 0.15 | 0.61 | 1.13 | 0.89             | 0.79 | 0.89 | 0.48 | 0.14 | 0.05 | 0.02 | 0.01 | 0.02    | 0.01 | 5.29 | 3.23 |     |     |
| -40            | 0.01              | 0.01 | 0.01 | 0.02 | 0.05 | 0.09 | 0.14 | 0.13 | 0.08             | 0.08 | 0.12 | 0.13 | 0.09 | 0.04 | 0.02 | 0.01 | 0.01    | 0.01 | 1.05 | 0.00 |     |     |
| -48            | 0.01              | 0.01 | 0.01 | 0.02 | 0.04 | 0.07 | 0.08 | 0.06 | 0.04             | 0.03 | 0.06 | 0.08 | 0.07 | 0.04 | 0.02 | 0.01 | 0.01    | 0.01 | 0.66 | 0.00 |     |     |
| -56            | 0.01              | 0.01 | 0.01 | 0.02 | 0.04 | 0.06 | 0.06 | 0.04 | 0.02             | 0.02 | 0.04 | 0.05 | 0.06 | 0.04 | 0.02 | 0.01 | 0.01    | 0.01 | 0.51 | 0.00 |     |     |
| -64            | 0.01              | 0.01 | 0.01 | 0.02 | 0.03 | 0.05 | 0.04 | 0.03 | 0.02             | 0.02 | 0.03 | 0.04 | 0.04 | 0.03 | 0.02 | 0.01 | 0.01    | 0.01 | 0.42 | 0.00 |     |     |
| -72            |                   |      |      |      |      |      |      |      |                  |      |      |      |      |      |      |      |         |      |      |      |     |     |
|                | -72               | -64  | -56  | -48  | -40  | -32  | -24  | -16  | HORIZONTAL (DEG) |      |      |      | 16   | 24   | 32   | 40   | 48      | 56   | 64   | 72   |     |     |
| Φ t            | 0.21              | 0.32 | 0.52 | 1.10 | 7.84 | 31.3 | 51.5 | 63.7 | 68.7             | 67.6 | 61.4 | 49.5 | 29.3 | 6.88 | 1.31 | 0.71 | 0.46    | 0.31 | 447  |      |     |     |
| Φ a            | 0.00              | 0.00 | 0.00 | 0.00 | 5.99 | 30.2 | 50.5 | 62.8 | 67.7             | 66.6 | 60.4 | 48.6 | 28.2 | 4.84 | 0.00 | 0.00 | 0.00    | 0.00 |      | 428  |     |     |

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:08-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:9.500 m  
 Remarks: 3000K

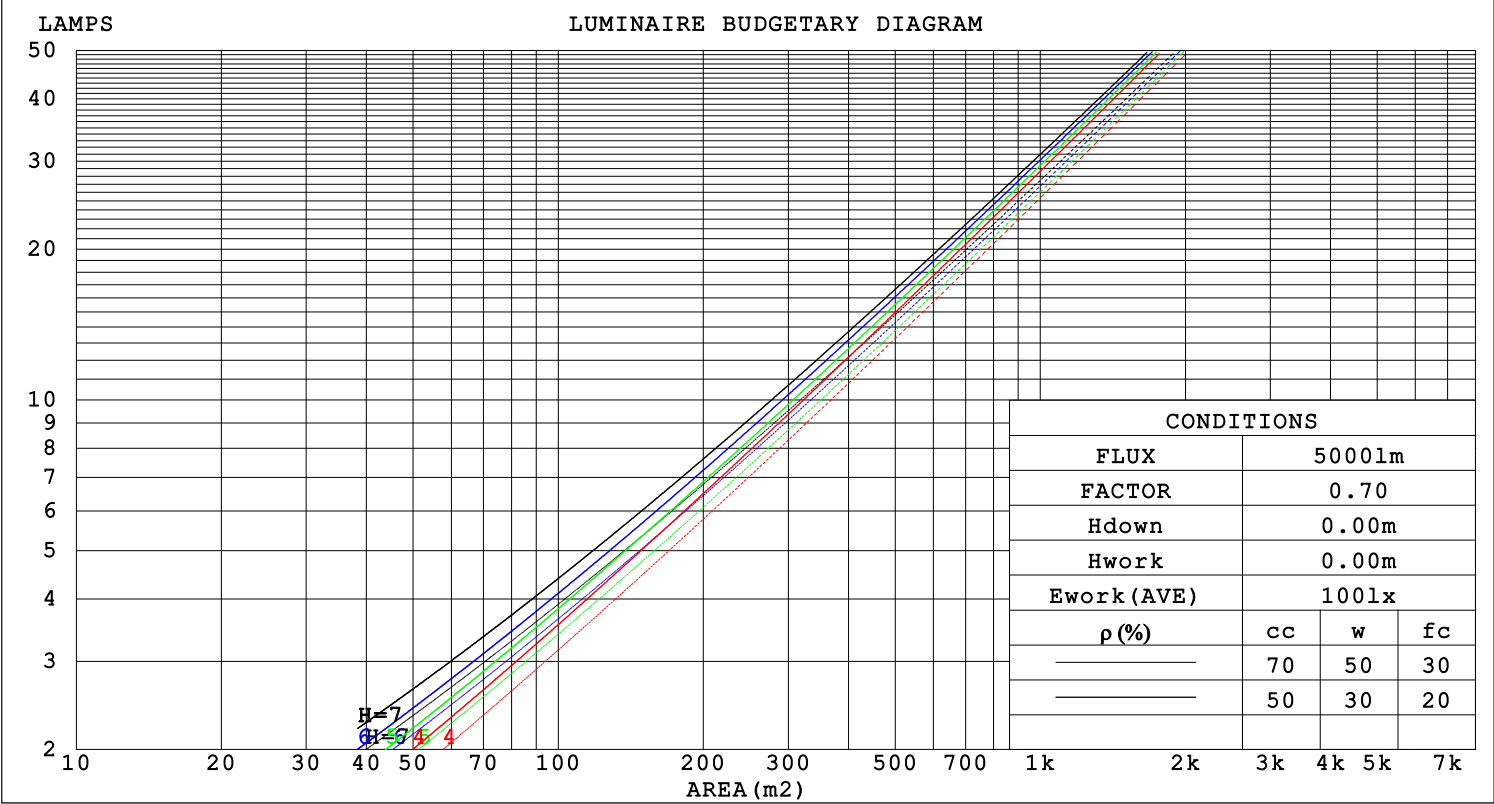


CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

|                                                                         |  |  |  |  |  |  |  |                               |  |  |  |             |  |  |  |
|-------------------------------------------------------------------------|--|--|--|--|--|--|--|-------------------------------|--|--|--|-------------|--|--|--|
| MANUFACTURER: DIVINITY LIGHTS                                           |  |  |  |  |  |  |  |                               |  |  |  |             |  |  |  |
| Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019 |  |  |  |  |  |  |  |                               |  |  |  |             |  |  |  |
| NAME: ARYA 4                                                            |  |  |  |  |  |  |  | TYPE: 3000K CRI-90            |  |  |  | WEIGHT:     |  |  |  |
| SPECIFICATION: OSRAM -250 MA                                            |  |  |  |  |  |  |  | DIMENSION: L-50 W--50 H-43 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             | 1.11                                                                       | 1.08 | 1.06 | 1.08 | 1.06 | 1.04 | 1.04 | 1.02 | 1.01 | 1.01 | .99  | .98  | .97  | .96  | .95  | .93  |
| 2.0             | 1.03                                                                       | .99  | .95  | 1.01 | .97  | .94  | .98  | .95  | .92  | .95  | .92  | .90  | .92  | .90  | .88  | .87  |
| 3.0             | .96                                                                        | .91  | .87  | .94  | .90  | .86  | .92  | .88  | .85  | .89  | .86  | .83  | .87  | .84  | .82  | .81  |
| 4.0             | .89                                                                        | .84  | .80  | .88  | .83  | .79  | .86  | .82  | .78  | .84  | .80  | .77  | .82  | .79  | .76  | .75  |
| 5.0             | .84                                                                        | .78  | .74  | .83  | .77  | .73  | .81  | .76  | .73  | .79  | .75  | .72  | .78  | .74  | .71  | .70  |
| 6.0             | .79                                                                        | .73  | .68  | .78  | .72  | .68  | .76  | .71  | .68  | .75  | .70  | .67  | .74  | .70  | .67  | .65  |
| 7.0             | .74                                                                        | .68  | .64  | .73  | .67  | .63  | .72  | .67  | .63  | .71  | .66  | .63  | .70  | .65  | .62  | .61  |
| 8.0             | .70                                                                        | .64  | .59  | .69  | .63  | .59  | .68  | .63  | .59  | .67  | .62  | .59  | .66  | .62  | .59  | .57  |
| 9.0             | .66                                                                        | .60  | .56  | .65  | .59  | .56  | .64  | .59  | .55  | .63  | .59  | .55  | .62  | .58  | .55  | .54  |
| 10.0            | .62                                                                        | .56  | .52  | .62  | .56  | .52  | .61  | .56  | .52  | .60  | .55  | .52  | .59  | .55  | .52  | .50  |



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:08-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:9.500 m  
Remarks: 3000K

## WEC AND CCEC

Report number:

|                                                                         |  |  |  |  |  |  |  |                               |  |  |  |             |  |  |  |
|-------------------------------------------------------------------------|--|--|--|--|--|--|--|-------------------------------|--|--|--|-------------|--|--|--|
| MANUFACTURER: DIVINITY LIGHTS                                           |  |  |  |  |  |  |  |                               |  |  |  |             |  |  |  |
| Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019 |  |  |  |  |  |  |  |                               |  |  |  |             |  |  |  |
| NAME: ARYA 4                                                            |  |  |  |  |  |  |  | TYPE: 3000K CRI-90            |  |  |  | WEIGHT:     |  |  |  |
| SPECIFICATION: OSRAM -250 MA                                            |  |  |  |  |  |  |  | DIMENSION: L-50 W--50 H-43 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  | .183                  | .104 | .033 | .176 | .100 | .032 | .163 | .094 | .030 | .152 | .087 | .028 | .141 | .082 | .026 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2.0  | .173                  | .095 | .029 | .168 | .092 | .028 | .157 | .087 | .027 | .147 | .083 | .026 | .138 | .078 | .025 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3.0  | .165                  | .088 | .026 | .160 | .086 | .026 | .151 | .082 | .025 | .142 | .078 | .024 | .135 | .075 | .023 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4.0  | .157                  | .081 | .024 | .152 | .080 | .024 | .145 | .077 | .023 | .137 | .074 | .022 | .131 | .071 | .022 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5.0  | .149                  | .076 | .022 | .146 | .075 | .022 | .139 | .072 | .021 | .132 | .070 | .021 | .126 | .068 | .020 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6.0  | .142                  | .071 | .020 | .139 | .070 | .020 | .133 | .068 | .020 | .128 | .066 | .019 | .122 | .064 | .019 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7.0  | .136                  | .067 | .019 | .133 | .066 | .019 | .128 | .065 | .019 | .123 | .063 | .018 | .118 | .061 | .018 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8.0  | .130                  | .064 | .018 | .128 | .063 | .018 | .123 | .062 | .018 | .119 | .060 | .017 | .114 | .059 | .017 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9.0  | .125                  | .060 | .017 | .123 | .060 | .017 | .118 | .059 | .017 | .114 | .057 | .016 | .111 | .056 | .016 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10.0 | .120                  | .058 | .016 | .118 | .057 | .016 | .114 | .056 | .016 | .110 | .055 | .016 | .107 | .054 | .015 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

| 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  | .172                  | .157 | .144 | .147 | .135 | .124 | .100                                       | .093 | .086 | .058 | .054 | .050 | .019 | .017 | .016 |   |
| 2.0  | .156                  | .132 | .112 | .134 | .114 | .097 | .092                                       | .079 | .068 | .053 | .046 | .040 | .017 | .015 | .013 |   |
| 3.0  | .144                  | .114 | .089 | .124 | .098 | .077 | .085                                       | .068 | .054 | .049 | .040 | .032 | .016 | .013 | .010 |   |
| 4.0  | .134                  | .099 | .072 | .115 | .085 | .063 | .079                                       | .060 | .044 | .046 | .035 | .026 | .015 | .011 | .009 |   |
| 5.0  | .125                  | .087 | .059 | .108 | .076 | .052 | .074                                       | .053 | .036 | .043 | .031 | .022 | .014 | .010 | .007 |   |
| 6.0  | .118                  | .078 | .049 | .102 | .068 | .043 | .070                                       | .047 | .030 | .041 | .028 | .018 | .013 | .009 | .006 |   |
| 7.0  | .112                  | .071 | .042 | .096 | .061 | .036 | .066                                       | .043 | .026 | .039 | .025 | .015 | .012 | .008 | .005 |   |
| 8.0  | .106                  | .064 | .036 | .091 | .056 | .031 | .063                                       | .039 | .022 | .037 | .023 | .013 | .012 | .008 | .004 |   |
| 9.0  | .101                  | .059 | .031 | .087 | .051 | .027 | .060                                       | .036 | .019 | .035 | .021 | .011 | .011 | .007 | .004 |   |
| 10.0 | .097                  | .055 | .027 | .083 | .048 | .024 | .058                                       | .034 | .017 | .034 | .020 | .010 | .011 | .007 | .003 |   |

Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:08-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:9.500 m  
Remarks: 3000K

Uncorrected UGR Table

Report number:

|                                                                         |        |                  |     |     |                               |     |                |             |      |      |      |
|-------------------------------------------------------------------------|--------|------------------|-----|-----|-------------------------------|-----|----------------|-------------|------|------|------|
| MANUFACTURER: DIVINITY LIGHTS                                           |        |                  |     |     |                               |     |                |             |      |      |      |
| Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019 |        |                  |     |     |                               |     |                |             |      |      |      |
| NAME: ARYA 4                                                            |        |                  |     |     | TYPE: 3000K CRI-90            |     |                | WEIGHT:     |      |      |      |
| SPECIFICATION: OSRAM -250 MA                                            |        |                  |     |     | DIMENSION: L-50 W--50 H-43 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 | 0.4              | 1.3 | 0.6 | 1.5                           | 1.7 | -2.4           | -1.5        | -2.2 | -1.3 | -1.1 |
|                                                                         | 3H     | 0.5              | 1.3 | 0.7 | 1.5                           | 1.7 | -2.4           | -1.5        | -2.1 | -1.3 | -1.1 |
|                                                                         | 4H     | 0.7              | 1.5 | 0.9 | 1.7                           | 1.9 | -2.3           | -1.5        | -2.0 | -1.3 | -1.0 |
|                                                                         | 6H     | 1.0              | 1.8 | 1.3 | 2.0                           | 2.3 | -2.2           | -1.4        | -1.9 | -1.2 | -1.0 |
|                                                                         | 8H     | 1.4              | 2.1 | 1.7 | 2.4                           | 2.6 | -2.2           | -1.5        | -1.9 | -1.2 | -1.0 |
|                                                                         | 12H    | 1.8              | 2.5 | 2.1 | 2.8                           | 3.1 | -2.1           | -1.4        | -1.8 | -1.1 | -0.9 |
| 4H                                                                      | 2H     | 0.2              | 1.0 | 0.4 | 1.2                           | 1.4 | -2.5           | -1.7        | -2.3 | -1.5 | -1.2 |
|                                                                         | 3H     | 0.3              | 1.0 | 0.6 | 1.3                           | 1.5 | -2.1           | -1.4        | -1.8 | -1.1 | -0.8 |
|                                                                         | 4H     | 0.5              | 1.2 | 0.8 | 1.5                           | 1.8 | -1.7           | -1.1        | -1.4 | -0.8 | -0.5 |
|                                                                         | 6H     | 1.0              | 1.6 | 1.4 | 1.9                           | 2.3 | -1.4           | -0.8        | -1.0 | -0.4 | -0.1 |
|                                                                         | 8H     | 1.5              | 2.0 | 1.9 | 2.4                           | 2.7 | -1.2           | -0.7        | -0.8 | -0.3 | 0.0  |
|                                                                         | 12H    | 2.2              | 2.7 | 2.6 | 3.0                           | 3.4 | -1.0           | -0.5        | -0.6 | -0.1 | 0.3  |
| 8H                                                                      | 4H     | 0.5              | 1.0 | 0.9 | 1.4                           | 1.8 | -1.5           | -1.0        | -1.1 | -0.7 | -0.3 |
|                                                                         | 6H     | 1.0              | 1.5 | 1.5 | 1.9                           | 2.3 | -0.6           | -0.2        | -0.2 | 0.2  | 0.6  |
|                                                                         | 8H     | 1.6              | 2.0 | 2.0 | 2.4                           | 2.8 | -0.2           | 0.2         | 0.3  | 0.7  | 1.1  |
|                                                                         | 12H    | 2.5              | 2.8 | 2.9 | 3.2                           | 3.7 | 0.4            | 0.8         | 0.9  | 1.2  | 1.7  |
| 12H                                                                     | 4H     | 0.5              | 1.0 | 0.9 | 1.4                           | 1.8 | -1.6           | -1.1        | -1.1 | -0.7 | -0.3 |
|                                                                         | 6H     | 1.1              | 1.5 | 1.6 | 1.9                           | 2.4 | -0.5           | -0.2        | -0.1 | 0.3  | 0.7  |
|                                                                         | 8H     | 1.7              | 2.0 | 2.1 | 2.4                           | 2.9 | 0.2            | 0.5         | 0.6  | 0.9  | 1.4  |
| Variations with the observer position at spacings:                      |        |                  |     |     |                               |     |                |             |      |      |      |
| S = 1.0H                                                                |        | + 0.7 / - 0.5    |     |     |                               |     | + 0.4 / - 0.3  |             |      |      |      |
| 1.5H                                                                    |        | + 1.3 / - 0.8    |     |     |                               |     | + 0.7 / - 0.6  |             |      |      |      |
| 2.0H                                                                    |        | + 1.7 / - 0.7    |     |     |                               |     | + 0.8 / - 0.8  |             |      |      |      |

CIE Pub.117 Corrected 447.0 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.8)

Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:08-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:9.500 m  
Remarks: 3000K

## UTILIZATION FACTORS TABLE

Report number:

|                                                                         |                               |             |
|-------------------------------------------------------------------------|-------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                           |                               |             |
| Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019 |                               |             |
| NAME: ARYA 4                                                            | TYPE: 3000K CRI-90            | WEIGHT:     |
| SPECIFICATION: OSRAM -250 MA                                            | DIMENSION: L-50 W--50 H-43 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 88                                                   | 82  | 78        | 87  | 82  | 78  | 87  | 81            | 78  | 74     |
| 0.80                             | 95                                                   | 90  | 86        | 95  | 89  | 86  | 93  | 89            | 85  | 82     |
| 1.00                             | 100                                                  | 94  | 90        | 99  | 94  | 90  | 97  | 93            | 90  | 86     |
| 1.25                             | 103                                                  | 98  | 95        | 102 | 98  | 95  | 100 | 97            | 94  | 90     |
| 1.50                             | 106                                                  | 101 | 98        | 105 | 101 | 98  | 103 | 99            | 97  | 92     |
| 2.00                             | 109                                                  | 105 | 101       | 107 | 103 | 101 | 105 | 102           | 99  | 94     |
| 2.50                             | 110                                                  | 107 | 104       | 109 | 105 | 103 | 106 | 103           | 101 | 95     |
| 3.00                             | 112                                                  | 108 | 106       | 110 | 107 | 105 | 107 | 104           | 102 | 96     |
| 4.00                             | 114                                                  | 111 | 109       | 112 | 109 | 107 | 108 | 106           | 105 | 98     |
| 5.00                             | 115                                                  | 113 | 111       | 113 | 111 | 109 | 109 | 108           | 106 | 99     |
| ROOM INDEX                       | UF (total)                                           |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |                                                      |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

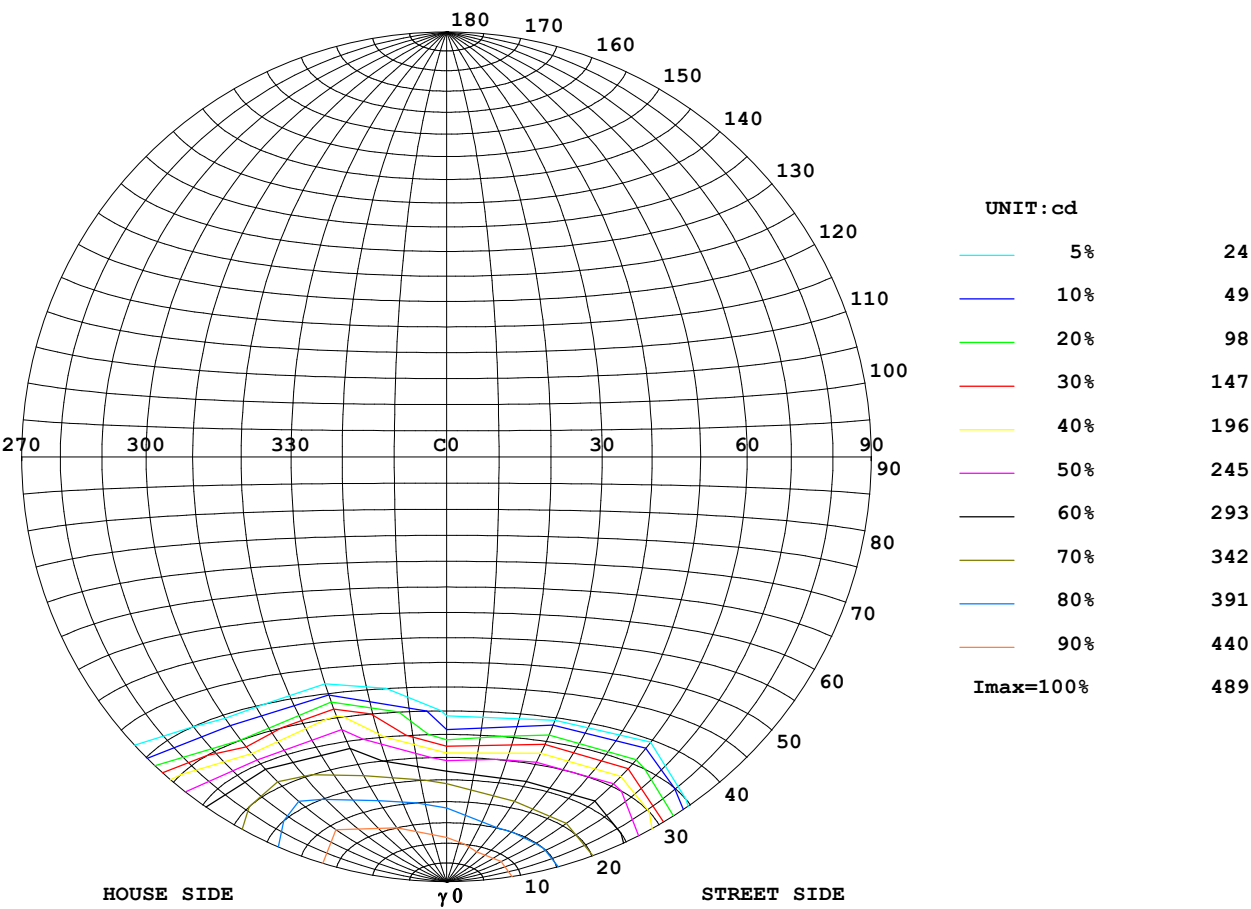
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 08-29-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)  
 Humidity: 65.0%  
 Test Distance: 9.500 m  
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

|                                                                         |                               |             |
|-------------------------------------------------------------------------|-------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                           |                               |             |
| Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019 |                               |             |
| NAME: ARYA 4                                                            | TYPE: 3000K CRI-90            | WEIGHT:     |
| SPECIFICATION: OSRAM -250 MA                                            | DIMENSION: L-50 W--50 H-43 MM | SERIAL No.: |



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:08-29-2025

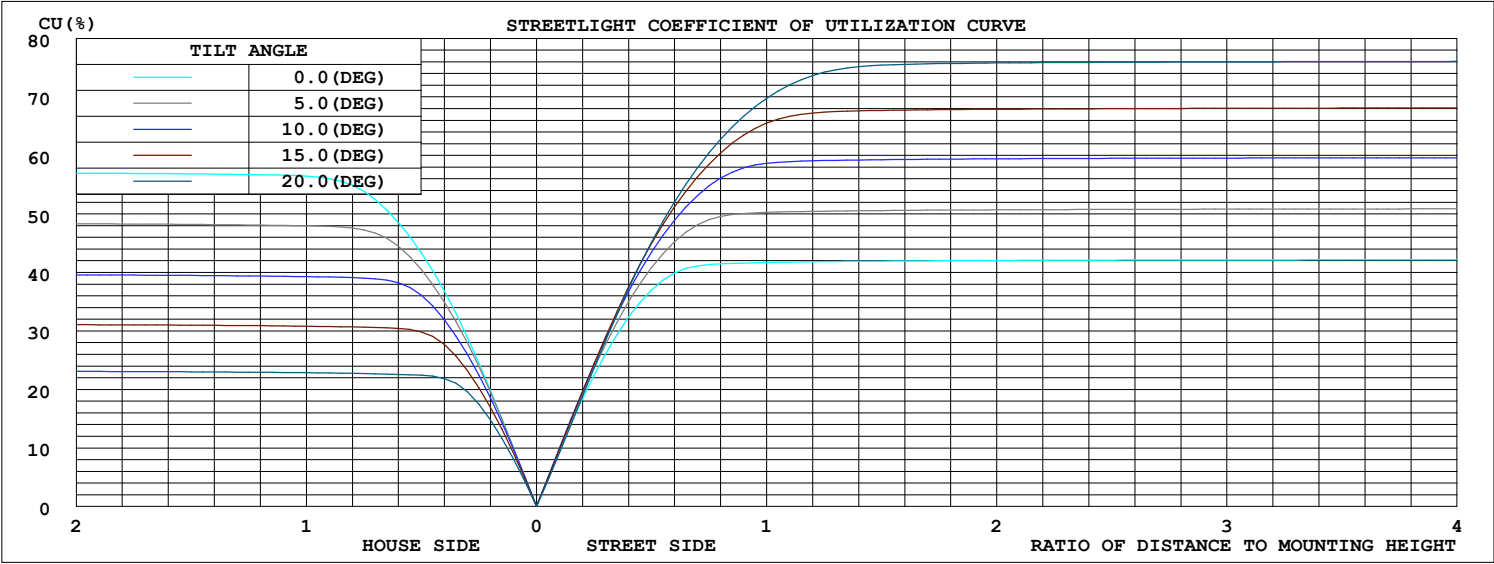
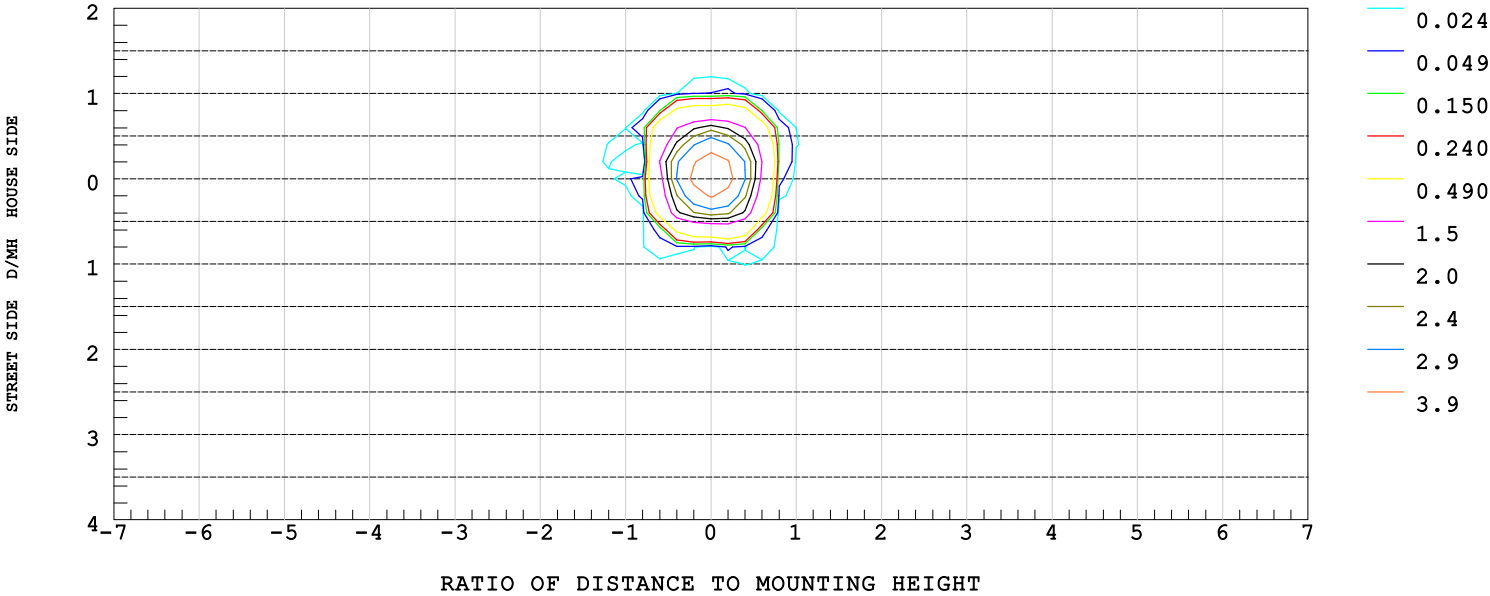
Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:9.500 m  
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

|                                                                         |                               |             |
|-------------------------------------------------------------------------|-------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                           |                               |             |
| Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019 |                               |             |
| NAME: ARYA 4                                                            | TYPE: 3000K CRI-90            | WEIGHT:     |
| SPECIFICATION: OSRAM -250 MA                                            | DIMENSION: L-50 W--50 H-43 MM | SERIAL No.: |

ILLUMINANCE AT MH=10 m,Enadir = 4.89 lx



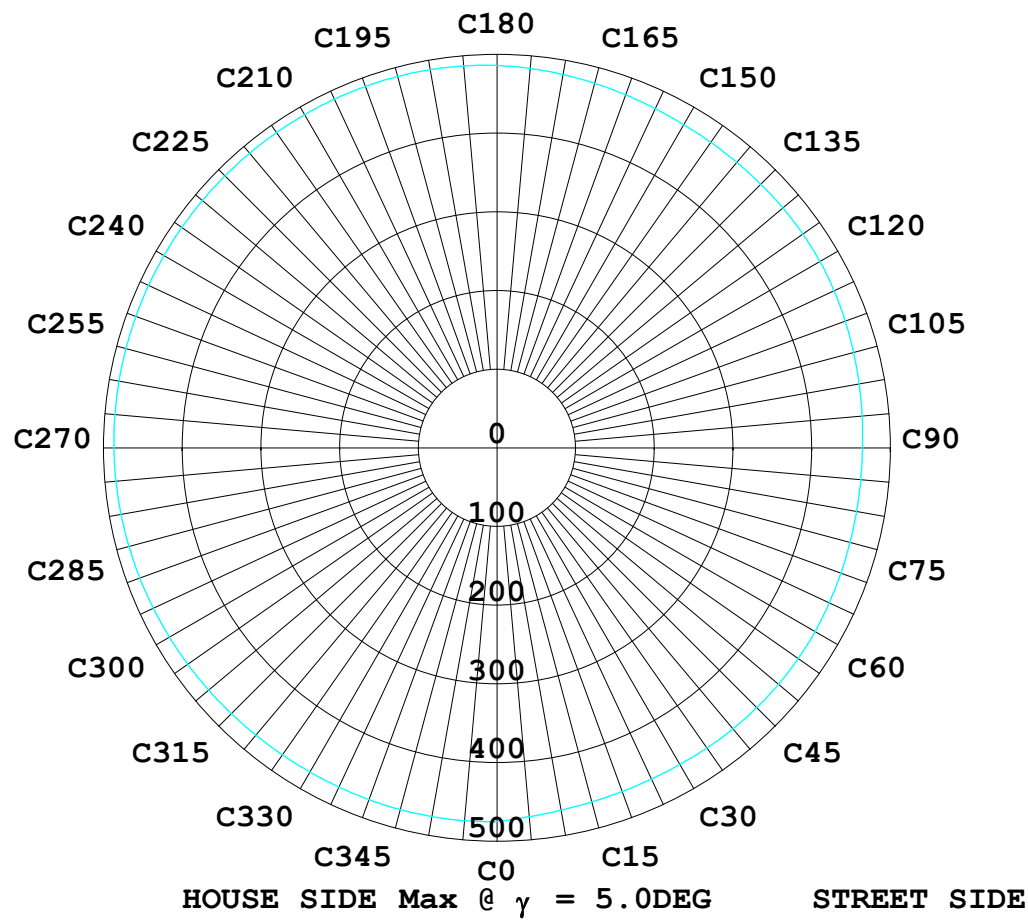
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:08-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:9.500 m  
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

|                                                                         |                               |             |
|-------------------------------------------------------------------------|-------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                           |                               |             |
| Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019 |                               |             |
| NAME: ARYA 4                                                            | TYPE: 3000K CRI-90            | WEIGHT:     |
| SPECIFICATION: OSRAM -250 MA                                            | DIMENSION: L-50 W--50 H-43 MM | SERIAL No.: |



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:08-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:9.500 m  
Remarks: 3000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

|                                                                         |                               |             |
|-------------------------------------------------------------------------|-------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                           |                               |             |
| Address: : Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019 |                               |             |
| NAME: ARYA 4                                                            | TYPE: 3000K CRI-90            | WEIGHT:     |
| SPECIFICATION: OSRAM -250 MA                                            | DIMENSION: L-50 W--50 H-43 MM | SERIAL No.: |

UNIT: cd

| C (DEG)<br>γ (DEG) | 0    | 30   | 60   | 90   | 120  | 150  | 180  | 210  | 240  | 270  | 300  | 330  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.0                | 489  | 485  | 486  | 482  | 484  | 482  | 489  | 485  | 486  | 482  | 484  | 482  |
| 5.0                | 475  | 465  | 467  | 464  | 474  | 474  | 486  | 489  | 489  | 487  | 481  | 476  |
| 10.0               | 449  | 431  | 432  | 433  | 446  | 447  | 464  | 475  | 478  | 479  | 466  | 457  |
| 15.0               | 417  | 392  | 390  | 394  | 406  | 405  | 429  | 448  | 454  | 460  | 440  | 431  |
| 20.0               | 380  | 359  | 348  | 344  | 362  | 364  | 385  | 412  | 419  | 434  | 405  | 399  |
| 25.0               | 334  | 304  | 308  | 290  | 320  | 316  | 331  | 374  | 377  | 403  | 364  | 362  |
| 30.0               | 229  | 257  | 259  | 170  | 273  | 268  | 251  | 333  | 330  | 359  | 319  | 321  |
| 35.0               | 57.7 | 130  | 115  | 13.6 | 153  | 138  | 70.2 | 240  | 289  | 272  | 282  | 208  |
| 40.0               | 15.1 | 12.4 | 15.4 | 4.06 | 19.4 | 11.0 | 7.67 | 75.9 | 213  | 96.2 | 207  | 50.0 |
| 45.0               | 10.1 | 3.06 | 9.11 | 2.07 | 9.74 | 3.06 | 4.51 | 13.9 | 42.2 | 14.1 | 38.5 | 12.9 |
| 50.0               | 7.03 | 1.44 | 6.31 | 1.08 | 6.76 | 1.44 | 2.97 | 8.93 | 2.97 | 8.84 | 2.79 | 8.39 |
| 55.0               | 5.14 | 0.81 | 4.78 | 0.72 | 5.05 | 0.81 | 1.98 | 6.49 | 1.17 | 6.31 | 1.17 | 5.86 |
| 60.0               | 4.15 | 0.63 | 3.88 | 0.54 | 4.06 | 0.54 | 1.71 | 4.78 | 0.72 | 4.87 | 0.54 | 4.42 |
| 65.0               | 3.51 | 0.45 | 3.33 | 0.45 | 3.42 | 0.45 | 1.53 | 3.88 | 0.54 | 3.97 | 0.45 | 3.61 |
| 70.0               | 3.06 | 0.45 | 2.79 | 0.45 | 2.88 | 0.45 | 1.62 | 3.24 | 0.54 | 3.24 | 0.36 | 2.97 |
| 75.0               | 2.70 | 0.54 | 2.43 | 0.45 | 2.52 | 0.45 | 1.44 | 2.88 | 0.45 | 2.79 | 0.36 | 2.52 |
| 80.0               | 2.34 | 0.54 | 2.25 | 0.45 | 2.25 | 0.45 | 1.62 | 2.43 | 0.45 | 2.43 | 0.36 | 2.25 |
| 85.0               | 2.16 | 0.63 | 1.98 | 0.45 | 1.98 | 0.54 | 1.62 | 2.16 | 0.45 | 2.16 | 0.45 | 1.98 |
| 90.0               | 1.89 | 0.81 | 1.89 | 0.81 | 1.89 | 0.81 | 2.16 | 1.89 | 0.63 | 1.80 | 0.63 | 1.71 |

Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:08-29-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:9.500 m  
Remarks: 3000K