

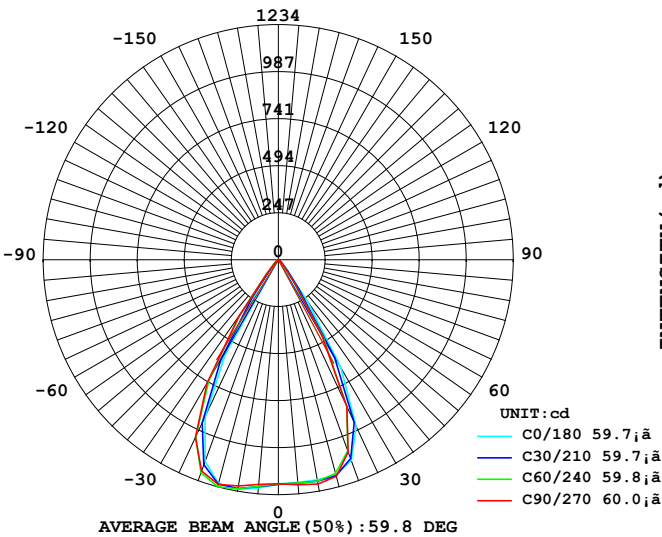
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

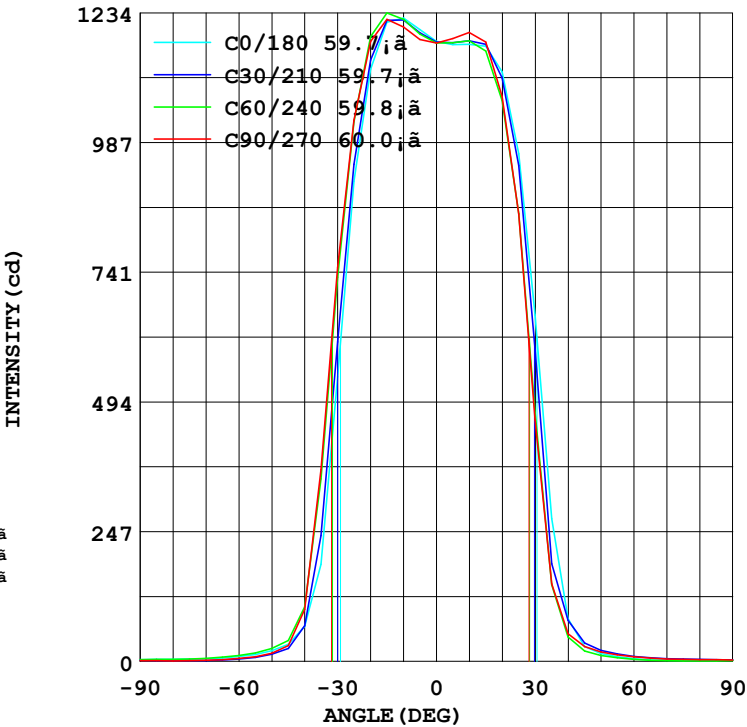
|                                                                      |                                   |             |
|----------------------------------------------------------------------|-----------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                                   |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                                   |             |
| NAME: STARRY SKY 40                                                  | TYPE: 3000K CRI-90                | WEIGHT:     |
| SPECIFICATION: OSRAM 350 MA                                          | DIMENSION: D-51 CUTOUT-45 H-56 MM | SERIAL No.: |

|                   |               |                     |        |                   |       |
|-------------------|---------------|---------------------|--------|-------------------|-------|
| DATA OF LAMP      |               | Imax (cd)           | 1234   | S/MH (C0/180)     | 0.85  |
| MODEL             | STARRY SKY 40 | EFFICIENCY (%)      | 100.0  | S/MH (C90/270)    | 0.93  |
| NOMINAL POWER (W) | 12            | TOTAL FLUX (lm)     | 1086.2 | Voltage (V)       | 219.6 |
| RATED VOLTAGE (V) | 220           | EFFICIENCY (lm/W)   | 93.2   | Current (A)       | 0.053 |
| NOMINAL FLUX (lm) | 1086.3        | $\eta$ up (%)       | 0.0    | Power (W)         | 11.65 |
| LAMPS QUANTITY    | 1             | $\eta$ down (%)     | 100.0  | Power Factor (PF) | 0.996 |
| TEST VOLTAGE (V)  | 219.6         | Effictive Flux (lm) | 1025.2 | EEI               | 0.149 |

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:07-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:8.500 m  
Remarks: 3000K

Color Temperature Data List

Report number:

|                                                                      |                                   |             |
|----------------------------------------------------------------------|-----------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                                   |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                                   |             |
| NAME: STARRY SKY 40                                                  | TYPE: 3000K CRI-90                | WEIGHT:     |
| SPECIFICATION: OSRAM 350 MA                                          | DIMENSION: D-51 CUTOUT-45 H-56 MM | SERIAL No.: |

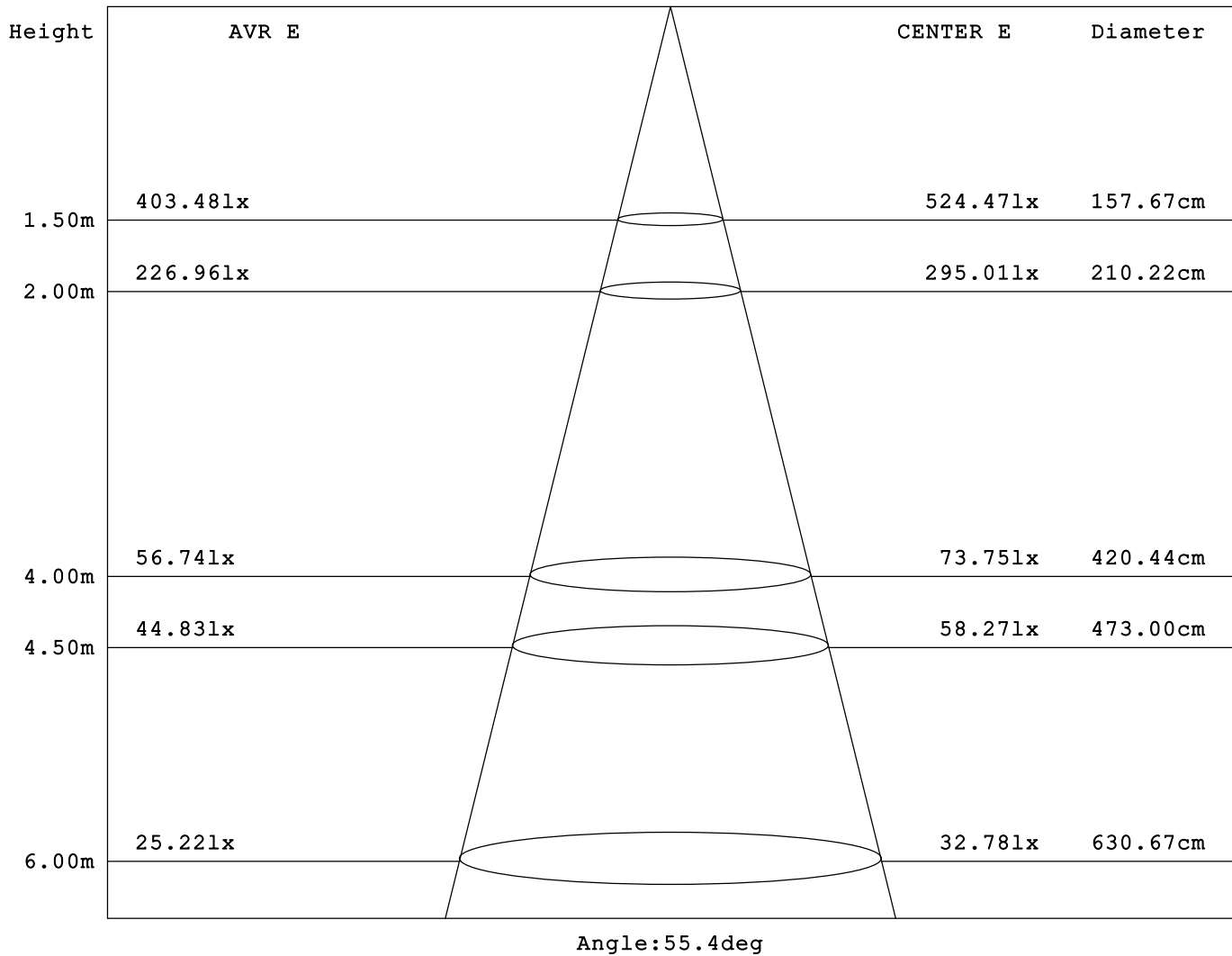
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:07-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:8.500 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: STARRY SKY 40                                                  | TYPE: 3000K CRI-90                | WEIGHT:     |
| SPECIFICATION: OSRAM 350 MA                                          | DIMENSION: D-51 CUTOUT-45 H-56 MM | SERIAL No.: |



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:07-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:8.500 m  
 Remarks: 3000K

## ZONAL FLUX DIAGRAM

Report number:

|                                                                      |                                   |             |
|----------------------------------------------------------------------|-----------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                                   |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                                   |             |
| NAME: STARRY SKY 40                                                  | TYPE: 3000K CRI-90                | WEIGHT:     |
| SPECIFICATION: OSRAM 350 MA                                          | DIMENSION: D-51 CUTOUT-45 H-56 MM | SERIAL No.: |

| $\gamma$ | C0                    | C45   | C90   | C135  | C180  | C225  | C270  | C315  | $\gamma$ | Zone    | total |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|---------|-------|
| 10.0     | 1224                  | 1221  | 1207  | 1185  | 1174  | 1181  | 1197  | 1204  | 0- 10    | 113.4   | 113.4 |
| 20.0     | 1127                  | 1167  | 1180  | 1163  | 1122  | 1089  | 1075  | 1079  | 10- 20   | 333.1   | 446.6 |
| 30.0     | 541.3                 | 669.5 | 750.0 | 738.6 | 659.2 | 533.8 | 459.2 | 460.8 | 20- 30   | 411.4   | 858.1 |
| 40.0     | 66.61                 | 85.86 | 98.76 | 103.3 | 81.13 | 62.31 | 52.67 | 47.97 | 30- 40   | 177.9   | 1036  |
| 50.0     | 20.15                 | 19.07 | 15.82 | 20.01 | 14.88 | 16.07 | 17.91 | 14.41 | 40- 50   | 28.85   | 1065  |
| 60.0     | 9.248                 | 8.019 | 5.635 | 8.417 | 5.274 | 6.863 | 8.886 | 6.466 | 50- 60   | 10.41   | 1075  |
| 70.0     | 5.129                 | 3.793 | 2.023 | 3.937 | 2.312 | 3.287 | 4.768 | 2.998 | 60- 70   | 5.157   | 1081  |
| 80.0     | 4.046                 | 2.637 | 1.083 | 2.564 | 2.095 | 2.348 | 3.540 | 2.203 | 70- 80   | 3.079   | 1084  |
| 90.0     | 3.612                 | 2.709 | 1.734 | 2.492 | 3.034 | 2.095 | 2.817 | 2.059 | 80- 90   | 2.685   | 1086  |
| 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:07-26-2025

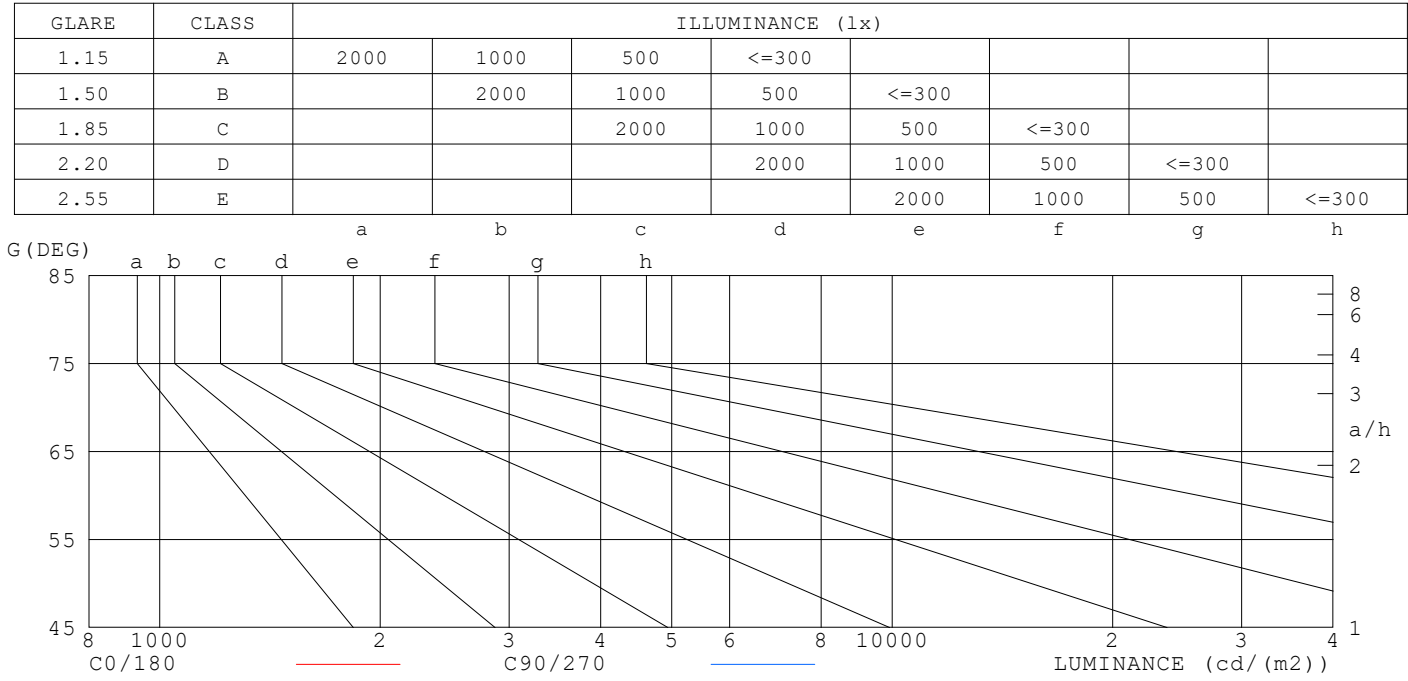
Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:8.500 m  
Remarks: 3000K

LUMINANCE LIMITATION CURVES

Report number:

|                                                                      |                                   |             |
|----------------------------------------------------------------------|-----------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                                   |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                                   |             |
| NAME: STARRY SKY 40                                                  | TYPE: 3000K CRI-90                | WEIGHT:     |
| SPECIFICATION: OSRAM 350 MA                                          | DIMENSION: D-51 CUTOUT-45 H-56 MM | SERIAL No.: |

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

| G (DEG) | C0/180 | C90/270 |
|---------|--------|---------|
| 85      | 439    | 149     |
| 80      | 233    | 62      |
| 75      | 173    | 47      |
| 70      | 150    | 59      |
| 65      | 156    | 82      |
| 60      | 185    | 113     |
| 55      | 233    | 157     |
| 50      | 314    | 246     |
| 45      | 457    | 422     |

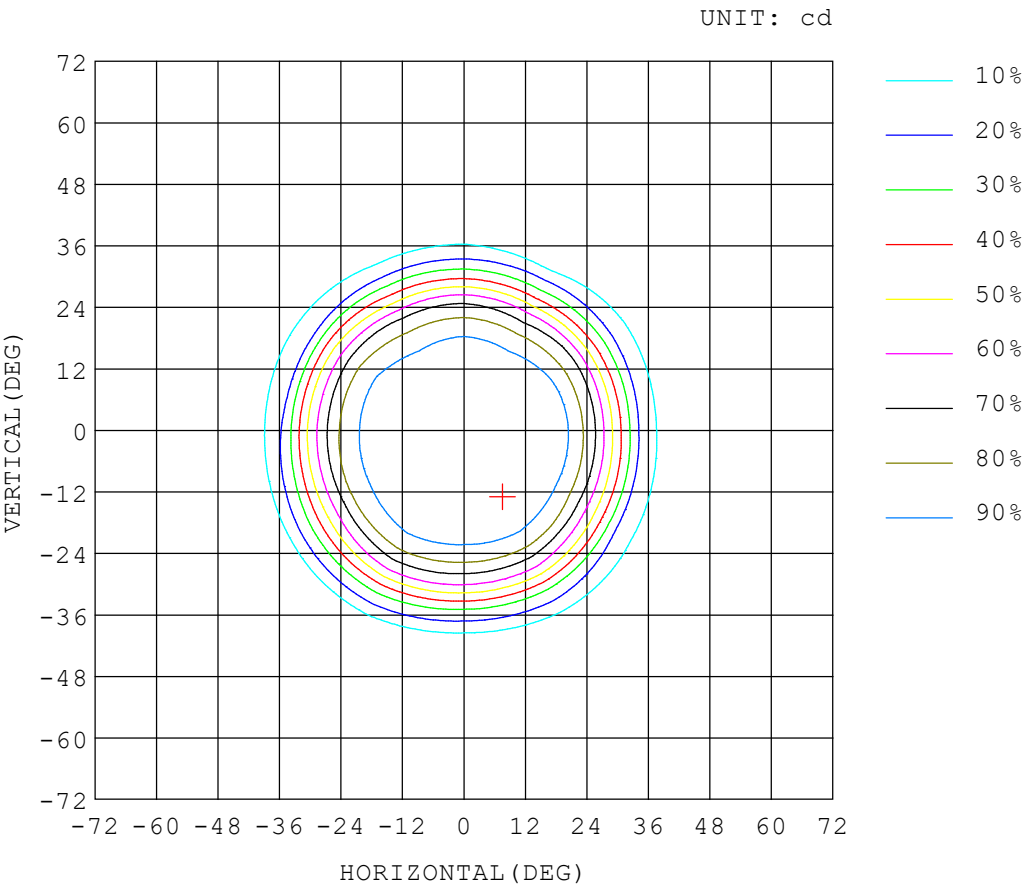
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:07-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:8.500 m  
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

|                                                                      |                                   |             |
|----------------------------------------------------------------------|-----------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                                   |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                                   |             |
| NAME: STARRY SKY 40                                                  | TYPE: 3000K CRI-90                | WEIGHT:     |
| SPECIFICATION: OSRAM 350 MA                                          | DIMENSION: D-51 CUTOUT-45 H-56 MM | SERIAL No.: |



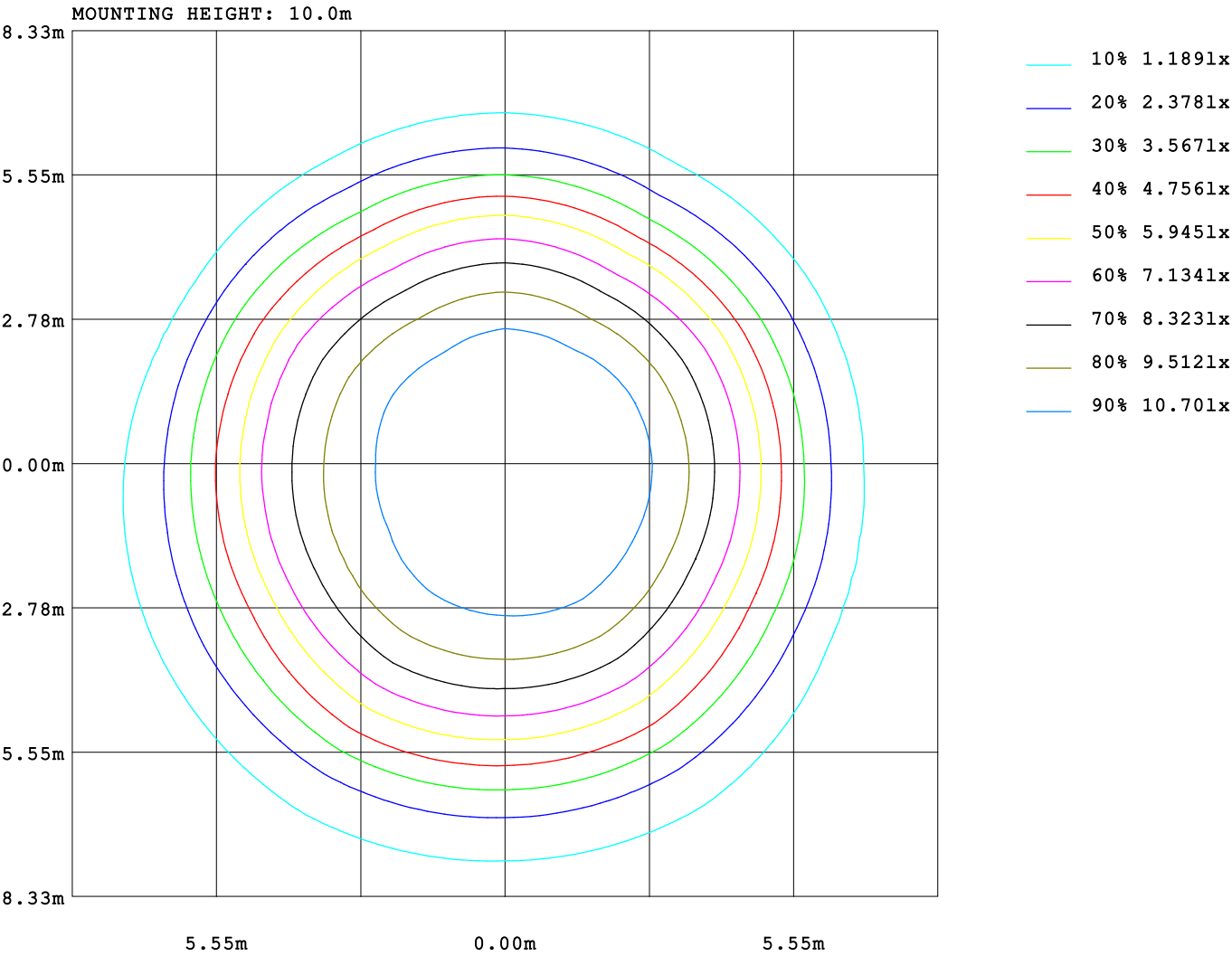
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:07-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:8.500 m  
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

|                                                                      |                                   |             |
|----------------------------------------------------------------------|-----------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                                   |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                                   |             |
| NAME: STARRY SKY 40                                                  | TYPE: 3000K CRI-90                | WEIGHT:     |
| SPECIFICATION: OSRAM 350 MA                                          | DIMENSION: D-51 CUTOUT-45 H-56 MM | SERIAL No.: |



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:07-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:8.500 m  
Remarks: 3000K

## AREA LUMINOUS FLUX

Report number:

|                                                                      |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |             |  |  |  |  |
|----------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|-----------------------------------|--|--|--|--|-------------|--|--|--|--|
| MANUFACTURER: DIVINITY LIGHTS                                        |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |             |  |  |  |  |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |             |  |  |  |  |
| NAME: STARRY SKY 40                                                  |  |  |  |  |  |  |  |  |  | TYPE: 3000K CRI-90                |  |  |  |  | WEIGHT:     |  |  |  |  |
| SPECIFICATION: OSRAM 350 MA                                          |  |  |  |  |  |  |  |  |  | DIMENSION: D-51 CUTOUT-45 H-56 MM |  |  |  |  | SERIAL No.: |  |  |  |  |

| 72                                                                                                                       | AREA FLUX DIAGRAM |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | UNIT:lm |      | Φ t | Φ a |
|--------------------------------------------------------------------------------------------------------------------------|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------|------|-----|-----|
|                                                                                                                          | 0.02              | 0.04 | 0.04 | 0.04 | 0.03 | 0.03 | 0.05 | 0.07 | 0.10 | 0.10 | 0.07 | 0.04 | 0.02 | 0.03 | 0.04 | 0.04 | 0.04 | 0.03 | 0.81    | 0.00 |     |     |
| 64                                                                                                                       | 0.02              | 0.04 | 0.05 | 0.06 | 0.06 | 0.05 | 0.08 | 0.12 | 0.16 | 0.16 | 0.12 | 0.08 | 0.05 | 0.05 | 0.05 | 0.05 | 0.04 | 0.03 | 1.28    | 0.00 |     |     |
| 56                                                                                                                       | 0.02              | 0.04 | 0.07 | 0.09 | 0.10 | 0.11 | 0.15 | 0.22 | 0.29 | 0.28 | 0.22 | 0.14 | 0.10 | 0.10 | 0.08 | 0.06 | 0.04 | 0.03 | 2.16    | 0.00 |     |     |
| 48                                                                                                                       | 0.02              | 0.05 | 0.09 | 0.13 | 0.18 | 0.23 | 0.31 | 0.49 | 0.63 | 0.61 | 0.45 | 0.28 | 0.21 | 0.17 | 0.13 | 0.09 | 0.05 | 0.03 | 4.16    | 0.00 |     |     |
| 40                                                                                                                       | 0.03              | 0.05 | 0.11 | 0.20 | 0.33 | 0.56 | 1.02 | 1.89 | 2.78 | 2.69 | 1.68 | 0.83 | 0.46 | 0.29 | 0.19 | 0.11 | 0.06 | 0.03 | 13.3    | 5.23 |     |     |
| 32                                                                                                                       | 0.03              | 0.06 | 0.13 | 0.28 | 0.65 | 1.67 | 4.58 | 8.73 | 11.5 | 11.3 | 8.03 | 3.97 | 1.40 | 0.54 | 0.27 | 0.14 | 0.07 | 0.04 | 53.4    | 48.4 |     |     |
| 24                                                                                                                       | 0.02              | 0.06 | 0.15 | 0.38 | 1.32 | 5.02 | 12.4 | 17.5 | 20.0 | 19.9 | 16.9 | 11.2 | 4.35 | 1.07 | 0.36 | 0.17 | 0.08 | 0.04 | 111     | 108  |     |     |
| VERTICAL (DEG)                                                                                                           | 0.02              | 0.06 | 0.16 | 0.51 | 2.44 | 9.93 | 18.0 | 21.5 | 22.7 | 22.9 | 21.6 | 17.3 | 8.57 | 1.93 | 0.48 | 0.19 | 0.09 | 0.04 | 149     | 146  |     |     |
|                                                                                                                          | 0.02              | 0.06 | 0.16 | 0.60 | 3.70 | 12.8 | 19.8 | 22.3 | 22.9 | 23.1 | 22.9 | 19.7 | 11.3 | 2.78 | 0.57 | 0.21 | 0.09 | 0.04 | 164     | 161  |     |     |
|                                                                                                                          | 0.02              | 0.05 | 0.15 | 0.60 | 4.02 | 13.1 | 20.1 | 22.3 | 22.9 | 23.3 | 23.1 | 20.0 | 11.7 | 2.94 | 0.57 | 0.20 | 0.09 | 0.04 | 166     | 163  |     |     |
|                                                                                                                          | 0.02              | 0.05 | 0.14 | 0.48 | 3.15 | 11.2 | 18.9 | 22.4 | 23.4 | 23.7 | 22.7 | 18.4 | 9.69 | 2.25 | 0.46 | 0.17 | 0.08 | 0.04 | 158     | 155  |     |     |
|                                                                                                                          | 0.02              | 0.04 | 0.12 | 0.32 | 1.67 | 7.52 | 15.3 | 20.6 | 22.3 | 22.3 | 20.2 | 14.3 | 5.93 | 1.25 | 0.32 | 0.14 | 0.07 | 0.03 | 133     | 130  |     |     |
| -24                                                                                                                      | 0.02              | 0.04 | 0.09 | 0.21 | 0.66 | 3.12 | 8.66 | 13.9 | 16.3 | 16.1 | 13.2 | 7.52 | 2.44 | 0.56 | 0.20 | 0.10 | 0.05 | 0.03 | 83.4    | 80.3 |     |     |
| -32                                                                                                                      | 0.01              | 0.03 | 0.07 | 0.14 | 0.34 | 0.88 | 2.48 | 4.69 | 6.14 | 5.96 | 4.27 | 2.14 | 0.78 | 0.31 | 0.13 | 0.07 | 0.04 | 0.02 | 28.5    | 22.5 |     |     |
| -40                                                                                                                      | 0.01              | 0.02 | 0.05 | 0.10 | 0.21 | 0.39 | 0.63 | 0.87 | 0.99 | 0.96 | 0.82 | 0.59 | 0.37 | 0.20 | 0.10 | 0.04 | 0.03 | 0.02 | 6.40    | 0.00 |     |     |
| -48                                                                                                                      | 0.01              | 0.02 | 0.03 | 0.08 | 0.14 | 0.23 | 0.29 | 0.30 | 0.29 | 0.28 | 0.30 | 0.29 | 0.23 | 0.14 | 0.07 | 0.03 | 0.02 | 0.02 | 2.77    | 0.00 |     |     |
| -56                                                                                                                      | 0.01              | 0.01 | 0.03 | 0.05 | 0.10 | 0.15 | 0.16 | 0.15 | 0.13 | 0.13 | 0.15 | 0.16 | 0.15 | 0.09 | 0.05 | 0.02 | 0.02 | 0.02 | 1.59    | 0.00 |     |     |
| -64                                                                                                                      | 0.01              | 0.01 | 0.02 | 0.04 | 0.07 | 0.10 | 0.10 | 0.08 | 0.06 | 0.06 | 0.08 | 0.09 | 0.10 | 0.07 | 0.04 | 0.02 | 0.01 | 0.02 | 0.99    | 0.00 |     |     |
| -72                                                                                                                      |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |     |     |
| -72    -64    -56    -48    -40    -32    -24    -16    HORIZONTAL (DEG)    16    24    32    40    48    56    64    72 |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |     |     |
| Φ t                                                                                                                      | 0.35              | 0.73 | 1.64 | 4.32 | 19.2 | 67.2 | 123  | 158  | 174  | 174  | 157  | 117  | 57.9 | 14.8 | 4.10 | 1.86 | 0.97 | 0.55 | 1086    |      |     |     |
| Φ a                                                                                                                      | 0.00              | 0.00 | 0.00 | 0.00 | 13.2 | 62.8 | 119  | 155  | 170  | 171  | 154  | 113  | 53.5 | 8.37 | 0.00 | 0.00 | 0.00 | 0.00 |         | 1025 |     |     |

Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:07-26-2025

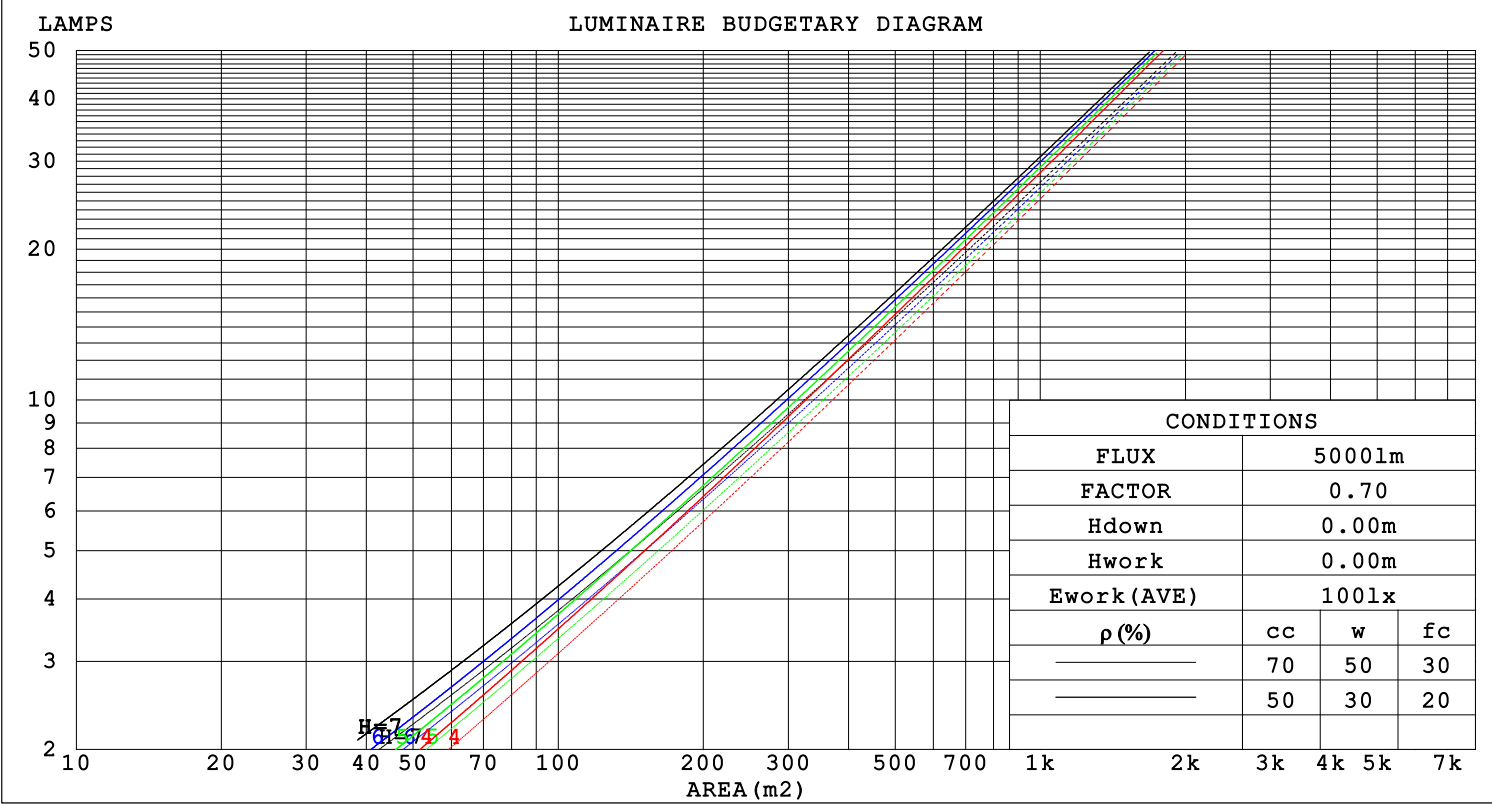
Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:8.500 m  
Remarks: 3000K

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

|                                                                      |  |  |  |  |  |  |  |                                   |  |  |  |             |  |  |  |
|----------------------------------------------------------------------|--|--|--|--|--|--|--|-----------------------------------|--|--|--|-------------|--|--|--|
| MANUFACTURER: DIVINITY LIGHTS                                        |  |  |  |  |  |  |  |                                   |  |  |  |             |  |  |  |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |  |  |  |  |  |  |  |                                   |  |  |  |             |  |  |  |
| NAME: STARRY SKY 40                                                  |  |  |  |  |  |  |  | TYPE: 3000K CRI-90                |  |  |  | WEIGHT:     |  |  |  |
| SPECIFICATION: OSRAM 350 MA                                          |  |  |  |  |  |  |  | DIMENSION: D-51 CUTOUT-45 H-56 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 | 1.09 | 1.07 | 1.05 | 1.05 | 1.03 | 1.01 | 1.01 | .00  | .98  | .98  | .96  | .95  | .94  |
| 2.0             | 1.03                                                                       | .00  | .96  | 1.02 | .98  | .95  | .99  | .96  | .93  | .96  | .93  | .91  | .93  | .91  | .89  | .88  |
| 3.0             | .97                                                                        | .92  | .88  | .95  | .91  | .87  | .93  | .89  | .86  | .90  | .87  | .85  | .88  | .86  | .83  | .82  |
| 4.0             | .91                                                                        | .85  | .81  | .90  | .85  | .81  | .88  | .83  | .80  | .86  | .82  | .79  | .84  | .81  | .78  | .77  |
| 5.0             | .85                                                                        | .80  | .76  | .84  | .79  | .75  | .83  | .78  | .75  | .81  | .77  | .74  | .79  | .76  | .73  | .72  |
| 6.0             | .80                                                                        | .75  | .70  | .80  | .74  | .70  | .78  | .73  | .70  | .77  | .73  | .69  | .75  | .72  | .69  | .67  |
| 7.0             | .76                                                                        | .70  | .66  | .75  | .70  | .66  | .74  | .69  | .65  | .73  | .68  | .65  | .72  | .68  | .65  | .63  |
| 8.0             | .72                                                                        | .66  | .62  | .71  | .66  | .62  | .70  | .65  | .62  | .69  | .65  | .61  | .68  | .64  | .61  | .60  |
| 9.0             | .68                                                                        | .62  | .58  | .67  | .62  | .58  | .66  | .61  | .58  | .66  | .61  | .58  | .65  | .61  | .58  | .56  |
| 10.0            | .64                                                                        | .59  | .55  | .64  | .59  | .55  | .63  | .58  | .55  | .62  | .58  | .55  | .62  | .57  | .54  | .53  |



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:07-26-2025

Test Set: 5.0deg/s    C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:8.500 m  
Remarks: 3000K

## WEC AND CCEC

Report number:

|                                                                      |  |  |  |  |  |  |  |                                   |  |  |  |             |  |  |
|----------------------------------------------------------------------|--|--|--|--|--|--|--|-----------------------------------|--|--|--|-------------|--|--|
| MANUFACTURER: DIVINITY LIGHTS                                        |  |  |  |  |  |  |  |                                   |  |  |  |             |  |  |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |  |  |  |  |  |  |  |                                   |  |  |  |             |  |  |
| NAME: STARRY SKY 40                                                  |  |  |  |  |  |  |  | TYPE: 3000K CRI-90                |  |  |  | WEIGHT:     |  |  |
| SPECIFICATION: OSRAM 350 MA                                          |  |  |  |  |  |  |  | DIMENSION: D-51 CUTOUT-45 H-56 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  | .176                  | .100 | .032 | .169 | .097 | .031 | .157                            | .090 | .029 | .145 | .084 | .027 | .134 | .078 | .025 |   |
| 2.0  | .167                  | .091 | .028 | .161 | .089 | .027 | .151                            | .084 | .026 | .141 | .079 | .025 | .132 | .075 | .024 |   |
| 3.0  | .158                  | .084 | .025 | .153 | .082 | .025 | .144                            | .078 | .024 | .136 | .075 | .023 | .128 | .071 | .022 |   |
| 4.0  | .150                  | .078 | .023 | .146 | .077 | .023 | .138                            | .073 | .022 | .131 | .070 | .021 | .125 | .068 | .021 |   |
| 5.0  | .143                  | .073 | .021 | .140 | .072 | .021 | .133                            | .069 | .020 | .127 | .067 | .020 | .121 | .065 | .019 |   |
| 6.0  | .137                  | .069 | .020 | .134 | .067 | .019 | .128                            | .065 | .019 | .122 | .063 | .019 | .117 | .062 | .018 |   |
| 7.0  | .131                  | .065 | .018 | .128 | .064 | .018 | .123                            | .062 | .018 | .118 | .060 | .018 | .113 | .059 | .017 |   |
| 8.0  | .125                  | .061 | .017 | .123 | .060 | .017 | .118                            | .059 | .017 | .114 | .058 | .017 | .110 | .056 | .016 |   |
| 9.0  | .120                  | .058 | .016 | .118 | .057 | .016 | .114                            | .056 | .016 | .110 | .055 | .016 | .106 | .054 | .016 |   |
| 10.0 | .115                  | .055 | .015 | .113 | .055 | .015 | .110                            | .054 | .015 | .106 | .053 | .015 | .103 | .052 | .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  | .171                  | .157 | .145 | .146 | .135 | .125 | .100                                       | .093 | .086 | .058 | .054 | .050 | .018 | .017 | .016 |   |
| 2.0  | .156                  | .133 | .113 | .133 | .114 | .098 | .091                                       | .079 | .068 | .053 | .046 | .040 | .017 | .015 | .013 |   |
| 3.0  | .143                  | .114 | .090 | .123 | .098 | .078 | .084                                       | .068 | .055 | .049 | .040 | .032 | .016 | .013 | .011 |   |
| 4.0  | .132                  | .099 | .073 | .114 | .085 | .063 | .078                                       | .059 | .045 | .045 | .035 | .026 | .015 | .011 | .009 |   |
| 5.0  | .124                  | .087 | .060 | .106 | .075 | .052 | .073                                       | .053 | .037 | .042 | .031 | .022 | .014 | .010 | .007 |   |
| 6.0  | .116                  | .078 | .050 | .100 | .067 | .044 | .069                                       | .047 | .031 | .040 | .028 | .018 | .013 | .009 | .006 |   |
| 7.0  | .110                  | .070 | .043 | .094 | .061 | .037 | .065                                       | .043 | .026 | .038 | .025 | .016 | .012 | .008 | .005 |   |
| 8.0  | .104                  | .064 | .036 | .090 | .055 | .032 | .062                                       | .039 | .023 | .036 | .023 | .013 | .012 | .008 | .004 |   |
| 9.0  | .099                  | .059 | .032 | .085 | .051 | .028 | .059                                       | .036 | .020 | .034 | .021 | .012 | .011 | .007 | .004 |   |
| 10.0 | .094                  | .054 | .028 | .081 | .047 | .024 | .056                                       | .033 | .017 | .033 | .020 | .010 | .011 | .006 | .003 |   |

Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:07-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:8.500 m  
Remarks: 3000K

Uncorrected UGR Table

Report number:

|                                                                      |               |                  |     |     |                                   |               |                |             |     |     |  |
|----------------------------------------------------------------------|---------------|------------------|-----|-----|-----------------------------------|---------------|----------------|-------------|-----|-----|--|
| MANUFACTURER: DIVINITY LIGHTS                                        |               |                  |     |     |                                   |               |                |             |     |     |  |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |               |                  |     |     |                                   |               |                |             |     |     |  |
| NAME: STARRY SKY 40                                                  |               |                  |     |     | TYPE: 3000K CRI-90                |               |                | WEIGHT:     |     |     |  |
| SPECIFICATION: OSRAM 350 MA                                          |               |                  |     |     | DIMENSION: D-51 CUTOUT-45 H-56 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                                                        | 3.8           | 4.7              | 4.0 | 4.9 | 5.1                               | 7.3           | 8.2            | 7.5         | 8.4 | 8.6 |  |
|                                                                      | 3H            | 3.8              | 4.6 | 4.0 | 4.8                               | 5.0           | 7.2            | 8.0         | 7.4 | 8.2 |  |
|                                                                      | 4H            | 3.8              | 4.6 | 4.1 | 4.9                               | 5.1           | 7.1            | 7.9         | 7.4 | 8.1 |  |
|                                                                      | 6H            | 4.0              | 4.7 | 4.3 | 5.0                               | 5.2           | 7.0            | 7.8         | 7.3 | 8.0 |  |
|                                                                      | 8H            | 4.1              | 4.9 | 4.4 | 5.1                               | 5.4           | 7.0            | 7.7         | 7.3 | 8.0 |  |
|                                                                      | 12H           | 4.4              | 5.1 | 4.7 | 5.4                               | 5.6           | 7.0            | 7.7         | 7.3 | 7.9 |  |
| 4H                                                                   | 2H            | 3.7              | 4.5 | 3.9 | 4.7                               | 4.9           | 7.1            | 7.9         | 7.4 | 8.1 |  |
|                                                                      | 3H            | 3.6              | 4.3 | 4.0 | 4.6                               | 4.9           | 7.0            | 7.7         | 7.3 | 7.9 |  |
|                                                                      | 4H            | 3.7              | 4.3 | 4.0 | 4.6                               | 4.9           | 6.9            | 7.6         | 7.3 | 7.9 |  |
|                                                                      | 6H            | 3.9              | 4.5 | 4.3 | 4.8                               | 5.1           | 6.9            | 7.5         | 7.3 | 7.8 |  |
|                                                                      | 8H            | 4.2              | 4.7 | 4.6 | 5.0                               | 5.4           | 6.9            | 7.4         | 7.3 | 7.8 |  |
|                                                                      | 12H           | 4.6              | 5.1 | 5.0 | 5.4                               | 5.8           | 6.9            | 7.4         | 7.3 | 7.8 |  |
| 8H                                                                   | 4H            | 3.6              | 4.2 | 4.0 | 4.5                               | 4.9           | 6.8            | 7.3         | 7.2 | 7.7 |  |
|                                                                      | 6H            | 3.9              | 4.3 | 4.3 | 4.7                               | 5.1           | 6.9            | 7.3         | 7.3 | 7.7 |  |
|                                                                      | 8H            | 4.2              | 4.6 | 4.6 | 5.0                               | 5.4           | 6.9            | 7.3         | 7.4 | 7.7 |  |
|                                                                      | 12H           | 4.8              | 5.1 | 5.2 | 5.5                               | 6.0           | 7.1            | 7.4         | 7.5 | 7.8 |  |
| 12H                                                                  | 4H            | 3.6              | 4.1 | 4.0 | 4.5                               | 4.9           | 6.8            | 7.3         | 7.2 | 7.6 |  |
|                                                                      | 6H            | 3.9              | 4.3 | 4.4 | 4.7                               | 5.1           | 6.9            | 7.2         | 7.3 | 7.6 |  |
|                                                                      | 8H            | 4.2              | 4.6 | 4.7 | 5.0                               | 5.5           | 7.0            | 7.3         | 7.4 | 7.7 |  |
| Variations with the observer position at spacings:                   |               |                  |     |     |                                   |               |                |             |     |     |  |
| S = 1.0H                                                             | + 1.7 / - 2.0 |                  |     |     |                                   | + 2.4 / - 3.4 |                |             |     |     |  |
| 1.5H                                                                 | + 3.2 / - 2.4 |                  |     |     |                                   | + 4.4 / - 3.5 |                |             |     |     |  |
| 2.0H                                                                 | + 2.7 / - 1.3 |                  |     |     |                                   | + 1.6 / - 1.6 |                |             |     |     |  |

CIE Pub.117 Corrected 1086 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.3)

Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:07-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:8.500 m  
Remarks: 3000K

## UTILIZATION FACTORS TABLE

Report number:

|                                                                       |                                   |             |
|-----------------------------------------------------------------------|-----------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                         |                                   |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019 |                                   |             |
| NAME: STARRY SKY 40                                                   | TYPE: 3000K CRI-90                | WEIGHT:     |
| SPECIFICATION: OSRAM 350 MA                                           | DIMENSION: D-51 CUTOUT-45 H-56 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 89                                                   | 83  | 79        | 88  | 82  | 79  | 87  | 82            | 79  | 75     |
| 0.80                             | 96                                                   | 90  | 87        | 95  | 90  | 87  | 94  | 89            | 86  | 83     |
| 1.00                             | 100                                                  | 95  | 91        | 99  | 94  | 91  | 98  | 94            | 90  | 87     |
| 1.25                             | 104                                                  | 99  | 96        | 103 | 98  | 95  | 101 | 97            | 94  | 90     |
| 1.50                             | 106                                                  | 102 | 99        | 105 | 101 | 98  | 103 | 100           | 97  | 93     |
| 2.00                             | 109                                                  | 105 | 102       | 108 | 104 | 101 | 105 | 102           | 100 | 94     |
| 2.50                             | 111                                                  | 107 | 104       | 109 | 106 | 103 | 106 | 103           | 101 | 95     |
| 3.00                             | 112                                                  | 109 | 106       | 110 | 107 | 105 | 107 | 105           | 103 | 96     |
| 4.00                             | 114                                                  | 111 | 109       | 112 | 110 | 108 | 108 | 107           | 105 | 98     |
| 5.00                             | 115                                                  | 113 | 111       | 113 | 111 | 110 | 109 | 108           | 107 | 99     |
| ROOM INDEX                       | UF (total)                                           |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |                                                      |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

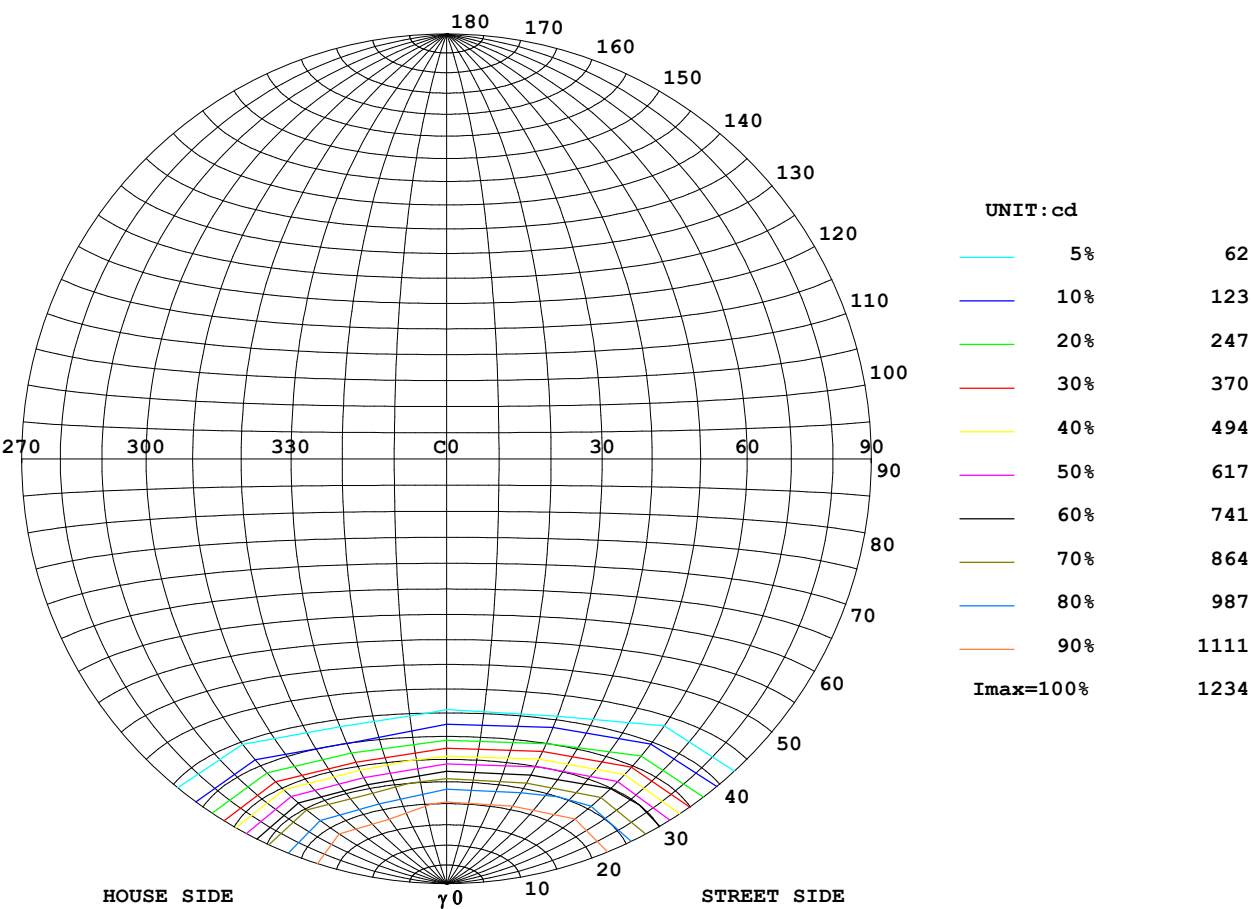
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 07-26-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)  
 Humidity: 65.0%  
 Test Distance: 8.500 m  
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

|                                                                      |                                   |             |
|----------------------------------------------------------------------|-----------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                                   |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                                   |             |
| NAME: STARRY SKY 40                                                  | TYPE: 3000K CRI-90                | WEIGHT:     |
| SPECIFICATION: OSRAM 350 MA                                          | DIMENSION: D-51 CUTOUT-45 H-56 MM | SERIAL No.: |



Test System:HOP00 HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:07-26-2025

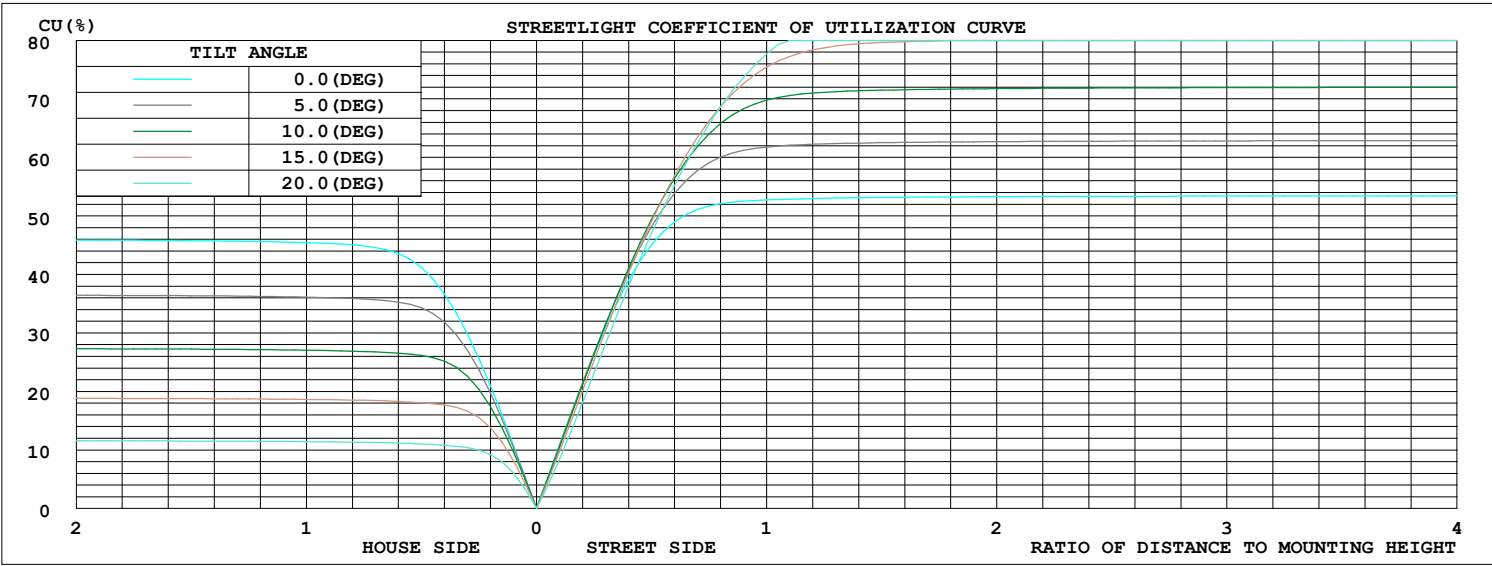
Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:8.500 m  
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

|                                                                      |                                   |             |
|----------------------------------------------------------------------|-----------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                                   |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                                   |             |
| NAME: STARRY SKY 40                                                  | TYPE: 3000K CRI-90                | WEIGHT:     |
| SPECIFICATION: OSRAM 350 MA                                          | DIMENSION: D-51 CUTOUT-45 H-56 MM | SERIAL No.: |

ILLUMINANCE AT MH=10 m,Enadir = 11.80 lx



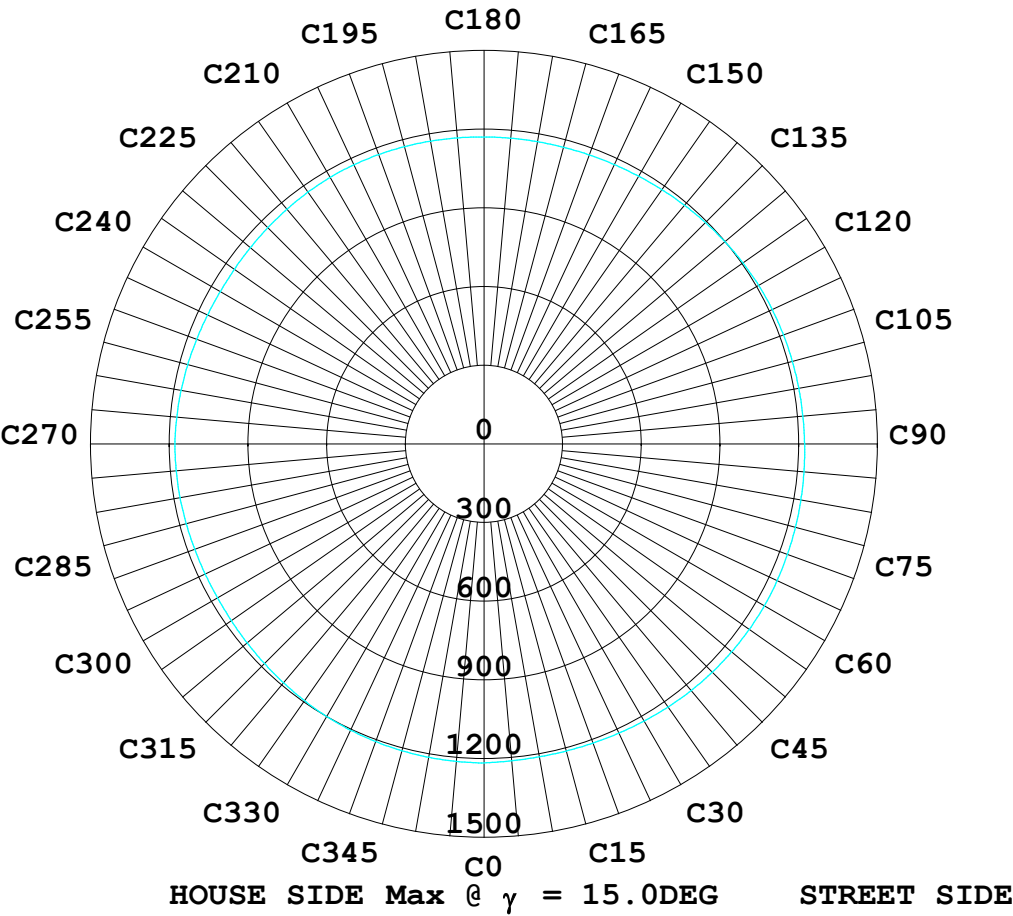
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:07-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:8.500 m  
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

|                                                                      |                                   |             |
|----------------------------------------------------------------------|-----------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                                   |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                                   |             |
| NAME: STARRY SKY 40                                                  | TYPE: 3000K CRI-90                | WEIGHT:     |
| SPECIFICATION: OSRAM 350 MA                                          | DIMENSION: D-51 CUTOUT-45 H-56 MM | SERIAL No.: |



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:07-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:8.500 m  
Remarks: 3000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

|                                                                      |                                   |             |
|----------------------------------------------------------------------|-----------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                                   |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                                   |             |
| NAME: STARRY SKY 40                                                  | TYPE: 3000K CRI-90                | WEIGHT:     |
| SPECIFICATION: OSRAM 350 MA                                          | DIMENSION: D-51 CUTOUT-45 H-56 MM | SERIAL No.: |

UNIT: cd

| C (DEG)<br>γ (DEG) | 0    | 30   | 60   | 90   | 120  | 150  | 180  | 210  | 240  | 270  | 300  | 330  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.0                | 1180 | 1179 | 1177 | 1177 | 1174 | 1174 | 1180 | 1179 | 1177 | 1177 | 1174 | 1174 |
| 5.0                | 1202 | 1196 | 1194 | 1184 | 1178 | 1171 | 1174 | 1177 | 1178 | 1185 | 1185 | 1192 |
| 10.0               | 1224 | 1221 | 1222 | 1207 | 1193 | 1176 | 1174 | 1181 | 1181 | 1197 | 1198 | 1211 |
| 15.0               | 1216 | 1220 | 1234 | 1222 | 1209 | 1179 | 1170 | 1174 | 1161 | 1179 | 1173 | 1200 |
| 20.0               | 1127 | 1145 | 1189 | 1180 | 1184 | 1143 | 1122 | 1110 | 1067 | 1075 | 1055 | 1102 |
| 25.0               | 914  | 946  | 1027 | 1030 | 1053 | 994  | 966  | 944  | 852  | 851  | 807  | 888  |
| 30.0               | 541  | 608  | 731  | 750  | 785  | 692  | 659  | 594  | 474  | 459  | 421  | 501  |
| 35.0               | 185  | 240  | 348  | 365  | 401  | 357  | 272  | 186  | 146  | 148  | 122  | 170  |
| 40.0               | 66.6 | 67.6 | 104  | 98.7 | 121  | 85.3 | 81.1 | 78.0 | 46.6 | 52.6 | 36.5 | 59.3 |
| 45.0               | 32.2 | 24.5 | 39.8 | 29.8 | 42.8 | 27.8 | 28.1 | 34.7 | 20.0 | 28.1 | 17.7 | 29.9 |
| 50.0               | 20.1 | 13.7 | 24.4 | 15.8 | 24.9 | 15.0 | 14.8 | 20.9 | 11.1 | 17.9 | 9.97 | 18.8 |
| 55.0               | 13.3 | 7.80 | 15.8 | 9.03 | 16.1 | 8.59 | 8.74 | 14.0 | 6.86 | 12.5 | 6.14 | 13.0 |
| 60.0               | 9.24 | 4.69 | 11.3 | 5.63 | 11.5 | 5.27 | 5.27 | 9.60 | 4.11 | 8.88 | 3.75 | 9.17 |
| 65.0               | 6.57 | 2.74 | 8.16 | 3.46 | 8.23 | 3.17 | 3.03 | 7.00 | 2.31 | 6.43 | 2.02 | 6.57 |
| 70.0               | 5.12 | 1.66 | 5.92 | 2.02 | 6.06 | 1.80 | 2.31 | 5.34 | 1.22 | 4.76 | 1.15 | 4.84 |
| 75.0               | 4.47 | 1.30 | 4.62 | 1.22 | 4.69 | 1.15 | 2.16 | 4.26 | 0.94 | 3.97 | 0.87 | 3.97 |
| 80.0               | 4.04 | 1.30 | 3.97 | 1.08 | 4.04 | 1.08 | 2.09 | 3.75 | 0.94 | 3.54 | 0.87 | 3.54 |
| 85.0               | 3.82 | 1.44 | 3.75 | 1.30 | 3.61 | 1.22 | 2.16 | 3.32 | 0.94 | 3.17 | 0.94 | 3.25 |
| 90.0               | 3.61 | 1.95 | 3.46 | 1.73 | 3.32 | 1.66 | 3.03 | 2.89 | 1.30 | 2.81 | 1.30 | 2.81 |

Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:07-26-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:8.500 m  
Remarks: 3000K