

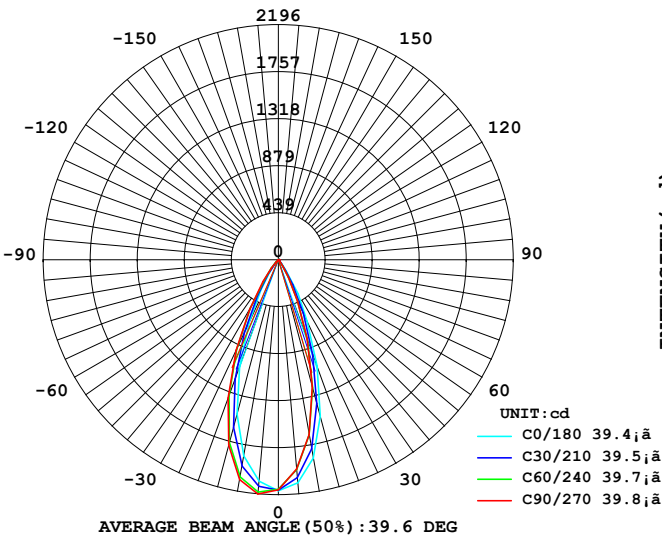
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

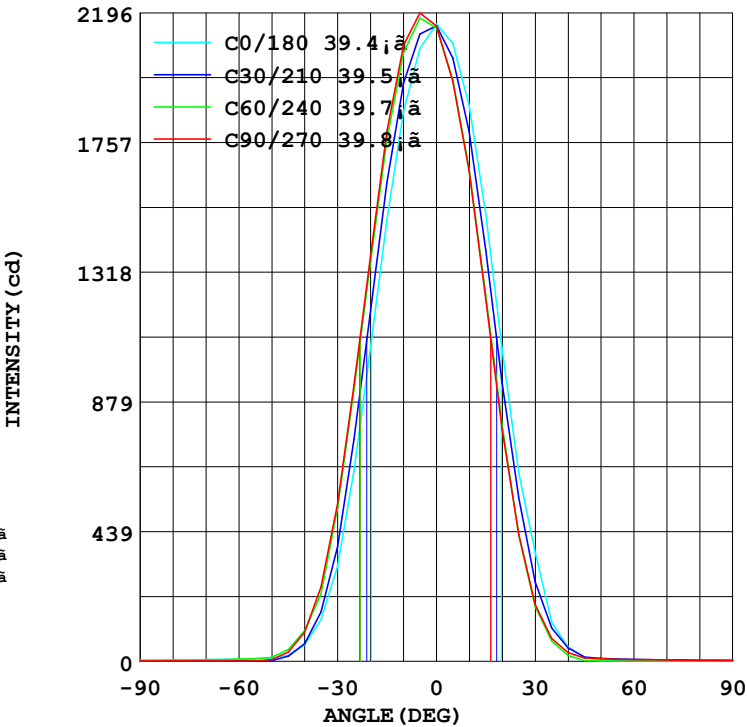
|                                                                      |                                   |             |
|----------------------------------------------------------------------|-----------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                                   |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                                   |             |
| NAME: FLEXION 75                                                     | TYPE: 4000K CRI-90                | WEIGHT:     |
| SPECIFICATION: OSRAM 250 MA                                          | DIMENSION: D-86 CUTOUT-75 H-78 MM | SERIAL No.: |

|                   |            |                    |        |                   |       |
|-------------------|------------|--------------------|--------|-------------------|-------|
| DATA OF LAMP      |            | Imax (cd)          | 2196   | S/MH (C0/180)     | 0.64  |
| MODEL             | FLEXION 75 | EFFICIENCY (%)     | 100.0  | S/MH (C90/270)    | 0.72  |
| NOMINAL POWER (W) | 12         | TOTAL FLUX (lm)    | 1054.1 | Voltage (V)       | 219.6 |
| RATED VOLTAGE (V) | 220        | EFFICIENCY (lm/W)  | 87.8   | Current (A)       | 0.059 |
| NOMINAL FLUX (lm) | 1054.1     | $\eta$ up (%)      | 0.0    | Power (W)         | 12.00 |
| LAMPS QUANTITY    | 1          | $\eta$ down (%)    | 100.0  | Power Factor (PF) | 0.965 |
| TEST VOLTAGE (V)  | 219.6      | Effictive Flux(lm) | 966.2  | EEI               | 0.161 |

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:9.000 m  
Remarks: 4000K

Color Temperature Data List

Report number:

|                                                                      |                                   |             |
|----------------------------------------------------------------------|-----------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                                   |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                                   |             |
| NAME: FLEXION 75                                                     | TYPE: 4000K CRI-90                | WEIGHT:     |
| SPECIFICATION: OSRAM 250 MA                                          | DIMENSION: D-86 CUTOUT-75 H-78 MM | SERIAL No.: |

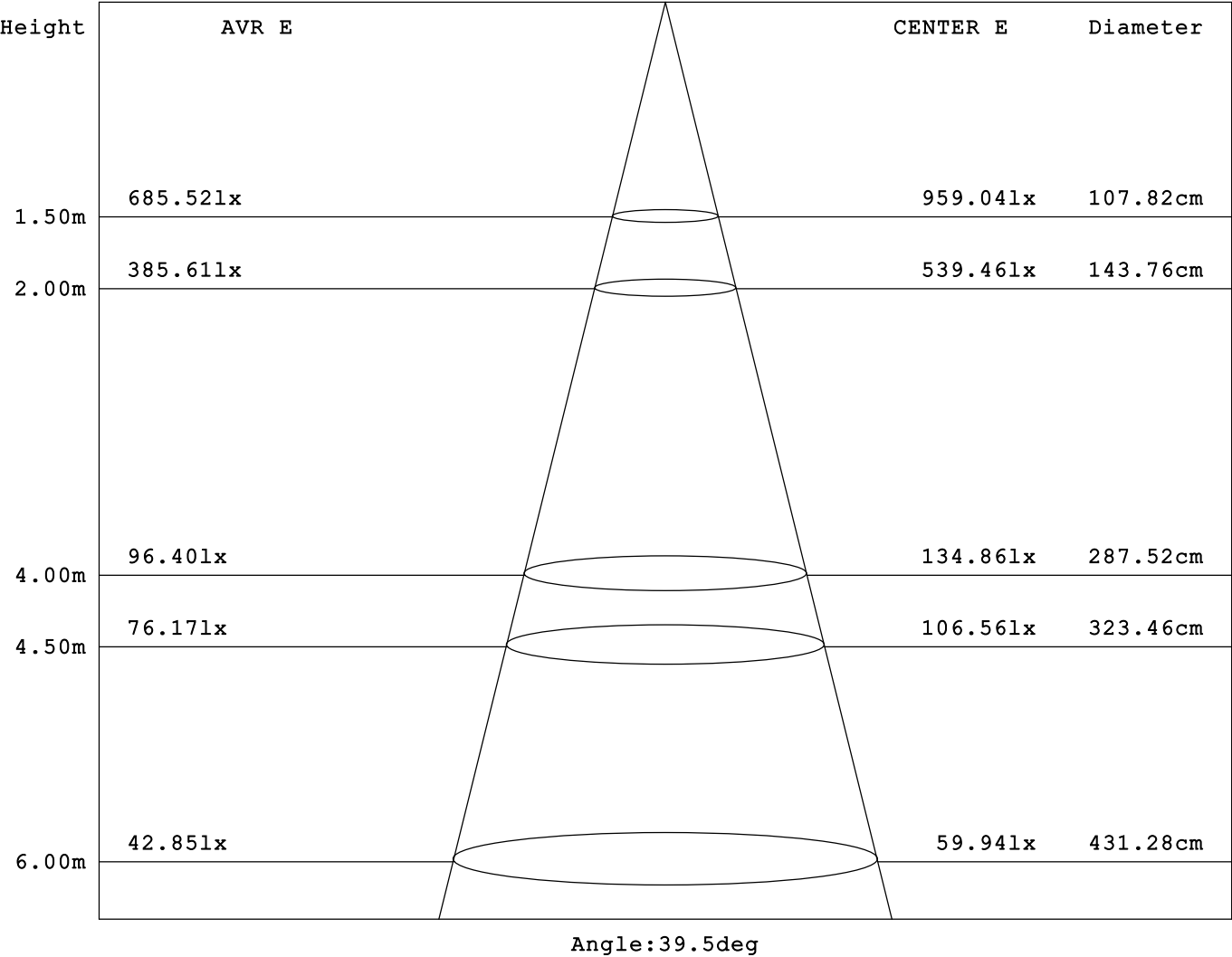
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:9.000 m  
Remarks: 4000K

AVERAGE AND CENTER E Figure

Report number:

|                                                                      |                                   |             |
|----------------------------------------------------------------------|-----------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                                   |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                                   |             |
| NAME: FLEXION 75                                                     | TYPE: 4000K CRI-90                | WEIGHT:     |
| SPECIFICATION: OSRAM 250 MA                                          | DIMENSION: D-86 CUTOUT-75 H-78 MM | SERIAL No.: |



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:9.000 m  
Remarks: 4000K

## ZONAL FLUX DIAGRAM

Report number:

|                                                                      |                                   |             |
|----------------------------------------------------------------------|-----------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                                   |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                                   |             |
| NAME: FLEXION 75                                                     | TYPE: 4000K CRI-90                | WEIGHT:     |
| SPECIFICATION: OSRAM 250 MA                                          | DIMENSION: D-86 CUTOUT-75 H-78 MM | SERIAL No.: |

| $\gamma$ | C0                    | C45   | C90   | C135  | C180  | C225  | C270  | C315  | $\gamma$ | Zone    | total |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|---------|-------|
| 10.0     | 1862                  | 2010  | 2086  | 2017  | 1883  | 1730  | 1661  | 1697  | 0- 10    | 191.4   | 191.4 |
| 20.0     | 1065                  | 1271  | 1375  | 1276  | 1058  | 871.7 | 786.4 | 848.5 | 10- 20   | 411.6   | 603.1 |
| 30.0     | 323.3                 | 454.6 | 534.1 | 468.9 | 371.4 | 228.5 | 193.4 | 200.2 | 20- 30   | 308.5   | 911.6 |
| 40.0     | 56.45                 | 82.45 | 99.06 | 89.74 | 48.35 | 33.12 | 29.40 | 30.13 | 30- 40   | 107.4   | 1019  |
| 50.0     | 10.85                 | 7.978 | 5.670 | 8.464 | 3.564 | 5.953 | 8.991 | 5.670 | 40- 50   | 19.81   | 1039  |
| 60.0     | 7.533                 | 4.698 | 1.539 | 4.698 | 3.078 | 4.252 | 6.399 | 4.050 | 50- 60   | 4.969   | 1044  |
| 70.0     | 5.589                 | 3.645 | 1.377 | 3.564 | 2.754 | 3.118 | 4.779 | 2.997 | 60- 70   | 3.884   | 1048  |
| 80.0     | 4.536                 | 2.956 | 1.296 | 2.875 | 2.835 | 2.592 | 3.807 | 2.511 | 70- 80   | 3.297   | 1051  |
| 90.0     | 4.050                 | 2.835 | 1.701 | 2.673 | 3.969 | 2.470 | 3.159 | 2.308 | 80- 90   | 3.021   | 1054  |
| 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:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:9.000 m  
Remarks: 4000K

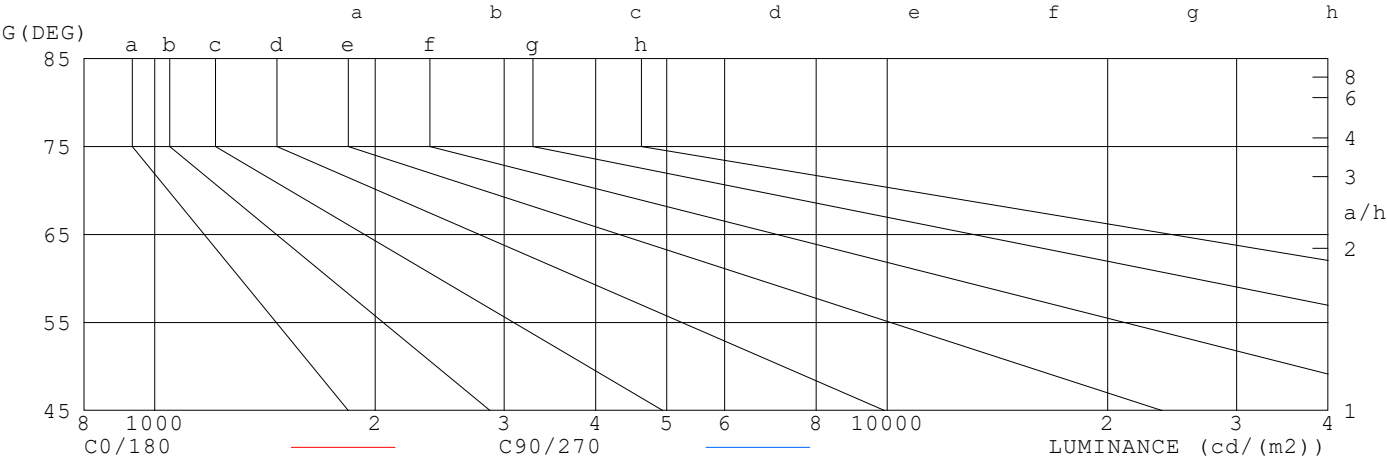
LUMINANCE LIMITATION CURVES

Report number:

|                                                                      |                                   |             |
|----------------------------------------------------------------------|-----------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                                   |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                                   |             |
| NAME: FLEXION 75                                                     | TYPE: 4000K CRI-90                | WEIGHT:     |
| SPECIFICATION: OSRAM 250 MA                                          | DIMENSION: D-86 CUTOUT-75 H-78 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      | 483    | 149     |
| 80      | 261    | 75      |
| 75      | 197    | 53      |
| 70      | 163    | 40      |
| 65      | 155    | 33      |
| 60      | 151    | 31      |
| 55      | 155    | 34      |
| 50      | 169    | 88      |
| 45      | 280    | 457     |

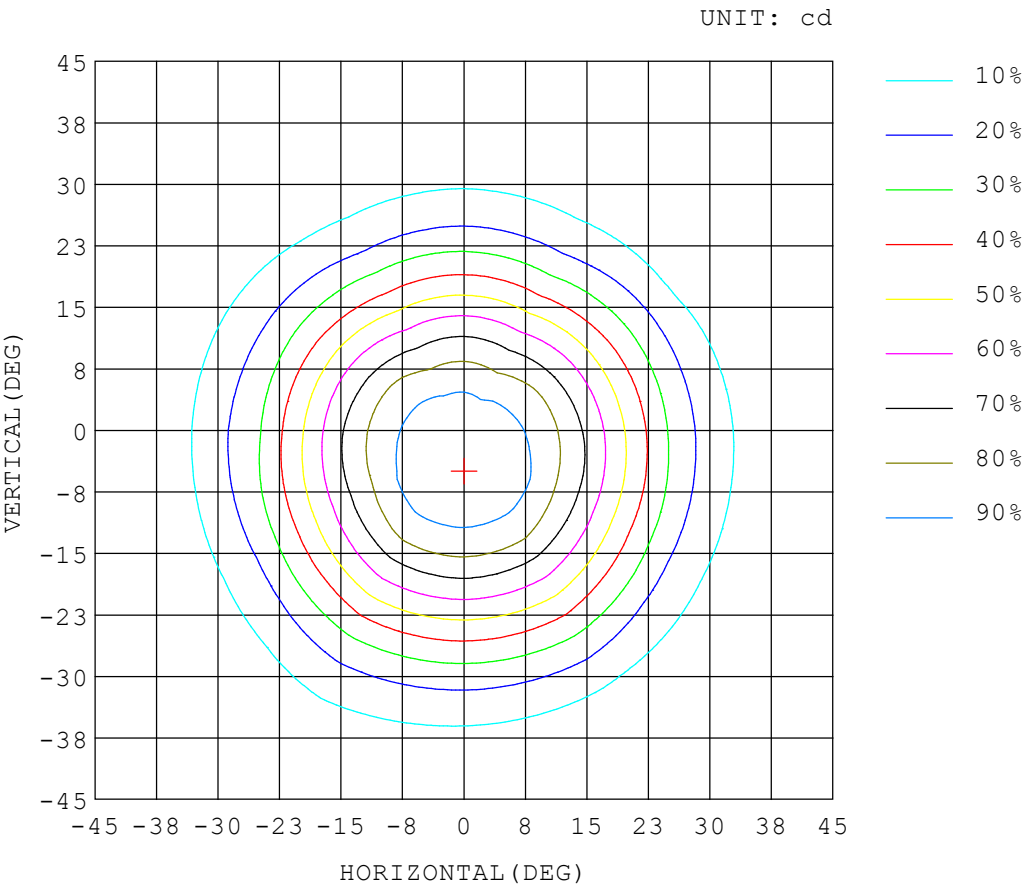
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:9.000 m  
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

|                                                                      |                                   |             |
|----------------------------------------------------------------------|-----------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                                   |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                                   |             |
| NAME: FLEXION 75                                                     | TYPE: 4000K CRI-90                | WEIGHT:     |
| SPECIFICATION: OSRAM 250 MA                                          | DIMENSION: D-86 CUTOUT-75 H-78 MM | SERIAL No.: |



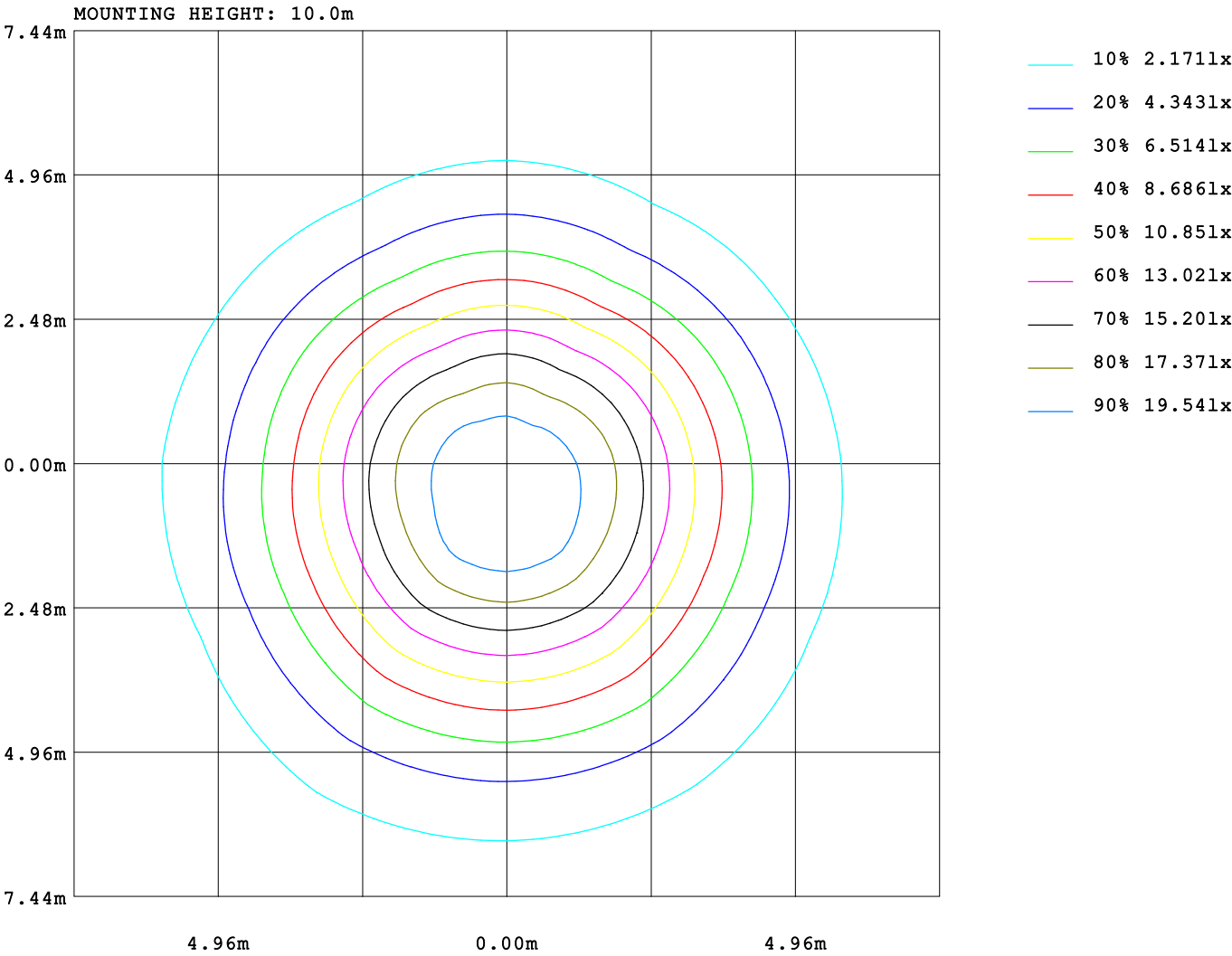
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:9.000 m  
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

|                                                                      |                                   |             |
|----------------------------------------------------------------------|-----------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                                   |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                                   |             |
| NAME: FLEXION 75                                                     | TYPE: 4000K CRI-90                | WEIGHT:     |
| SPECIFICATION: OSRAM 250 MA                                          | DIMENSION: D-86 CUTOUT-75 H-78 MM | SERIAL No.: |



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:9.000 m  
Remarks: 4000K

AREA LUMINOUS FLUX

Report number:

|                                                                      |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |             |  |  |  |  |  |
|----------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|-----------------------------------|--|--|--|--|-------------|--|--|--|--|--|
| MANUFACTURER: DIVINITY LIGHTS                                        |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |             |  |  |  |  |  |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |  |  |  |  |  |  |  |  |  |                                   |  |  |  |  |             |  |  |  |  |  |
| NAME: FLEXION 75                                                     |  |  |  |  |  |  |  |  |  | TYPE: 4000K CRI-90                |  |  |  |  | WEIGHT:     |  |  |  |  |  |
| SPECIFICATION: OSRAM 250 MA                                          |  |  |  |  |  |  |  |  |  | DIMENSION: D-86 CUTOUT-75 H-78 MM |  |  |  |  | SERIAL No.: |  |  |  |  |  |

| 45                                                                                                                       | AREA FLUX DIAGRAM |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | UNIT:lm |      | Φ t | Φ a |
|--------------------------------------------------------------------------------------------------------------------------|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------|------|-----|-----|
|                                                                                                                          | 0.04              | 0.04 | 0.03 | 0.03 | 0.02 | 0.04 | 0.08 | 0.11 | 0.14 | 0.14 | 0.11 | 0.07 | 0.04 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 1.04    | 0.00 |     |     |
| 40                                                                                                                       | 0.04              | 0.05 | 0.05 | 0.06 | 0.09 | 0.14 | 0.24 | 0.33 | 0.39 | 0.39 | 0.32 | 0.23 | 0.13 | 0.08 | 0.05 | 0.04 | 0.04 | 0.04 | 2.70    | 0.00 |     |     |
| 35                                                                                                                       | 0.05              | 0.06 | 0.09 | 0.17 | 0.28 | 0.42 | 0.64 | 0.86 | 1.00 | 0.99 | 0.83 | 0.60 | 0.38 | 0.26 | 0.15 | 0.08 | 0.06 | 0.05 | 6.99    | 0.00 |     |     |
| 30                                                                                                                       | 0.06              | 0.09 | 0.21 | 0.40 | 0.67 | 1.04 | 1.49 | 2.00 | 2.31 | 2.29 | 1.94 | 1.41 | 0.96 | 0.61 | 0.37 | 0.19 | 0.09 | 0.06 | 16.2    | 8.17 |     |     |
| 25                                                                                                                       | 0.07              | 0.17 | 0.40 | 0.77 | 1.38 | 2.20 | 3.06 | 3.98 | 4.54 | 4.49 | 3.86 | 2.91 | 2.04 | 1.22 | 0.70 | 0.37 | 0.16 | 0.07 | 32.4    | 27.3 |     |     |
| 20                                                                                                                       | 0.09              | 0.26 | 0.63 | 1.35 | 2.47 | 3.89 | 5.38 | 6.68 | 7.53 | 7.47 | 6.50 | 5.19 | 3.74 | 2.25 | 1.17 | 0.60 | 0.26 | 0.10 | 55.6    | 51.7 |     |     |
| 15                                                                                                                       | 0.12              | 0.37 | 0.93 | 2.06 | 3.74 | 5.89 | 8.04 | 9.70 | 10.7 | 10.7 | 9.51 | 7.86 | 5.76 | 3.60 | 1.82 | 0.88 | 0.38 | 0.14 | 82.3    | 79.1 |     |     |
| VERTICAL (DEG)                                                                                                           | 0.15              | 0.47 | 1.27 | 2.77 | 4.90 | 7.70 | 10.5 | 12.5 | 13.5 | 13.4 | 12.3 | 10.2 | 7.59 | 4.85 | 2.55 | 1.17 | 0.49 | 0.18 | 107     | 104  |     |     |
|                                                                                                                          | 0.17              | 0.53 | 1.54 | 3.26 | 5.73 | 8.97 | 12.1 | 14.4 | 15.5 | 15.3 | 14.2 | 11.9 | 8.90 | 5.74 | 3.10 | 1.41 | 0.57 | 0.21 | 124     | 121  |     |     |
|                                                                                                                          | 0.18              | 0.56 | 1.62 | 3.44 | 6.04 | 9.41 | 12.7 | 15.1 | 16.3 | 16.3 | 15.0 | 12.6 | 9.39 | 6.08 | 3.31 | 1.50 | 0.60 | 0.21 | 130     | 128  |     |     |
|                                                                                                                          | 0.17              | 0.54 | 1.48 | 3.25 | 5.78 | 8.99 | 12.2 | 14.8 | 16.1 | 16.0 | 14.7 | 12.2 | 9.01 | 5.78 | 3.12 | 1.41 | 0.56 | 0.19 | 127     | 124  |     |     |
| -15                                                                                                                      | 0.14              | 0.46 | 1.21 | 2.72 | 5.01 | 7.92 | 10.9 | 13.4 | 14.5 | 14.5 | 13.3 | 10.8 | 7.90 | 4.96 | 2.62 | 1.17 | 0.46 | 0.16 | 112     | 110  |     |     |
| -20                                                                                                                      | 0.11              | 0.34 | 0.91 | 2.04 | 3.91 | 6.37 | 8.94 | 10.9 | 11.8 | 11.8 | 10.8 | 8.87 | 6.30 | 3.84 | 1.97 | 0.87 | 0.33 | 0.11 | 90.4    | 87.4 |     |     |
| -25                                                                                                                      | 0.07              | 0.23 | 0.62 | 1.41 | 2.76 | 4.57 | 6.52 | 7.90 | 8.65 | 8.63 | 7.84 | 6.43 | 4.47 | 2.64 | 1.31 | 0.57 | 0.22 | 0.07 | 64.9    | 61.6 |     |     |
| -30                                                                                                                      | 0.03              | 0.14 | 0.39 | 0.90 | 1.73 | 2.91 | 4.09 | 4.98 | 5.50 | 5.48 | 4.91 | 3.95 | 2.72 | 1.55 | 0.81 | 0.36 | 0.12 | 0.04 | 40.6    | 36.5 |     |     |
| -35                                                                                                                      | 0.02              | 0.08 | 0.22 | 0.50 | 0.97 | 1.61 | 2.20 | 2.68 | 2.95 | 2.91 | 2.57 | 2.00 | 1.40 | 0.86 | 0.46 | 0.20 | 0.07 | 0.02 | 21.7    | 16.1 |     |     |
| -40                                                                                                                      | 0.02              | 0.04 | 0.11 | 0.25 | 0.49 | 0.76 | 1.01 | 1.22 | 1.32 | 1.30 | 1.15 | 0.94 | 0.70 | 0.45 | 0.23 | 0.10 | 0.04 | 0.02 | 10.1    | 0.92 |     |     |
| -45                                                                                                                      | 0.02              | 0.03 | 0.05 | 0.11 | 0.22 | 0.32 | 0.41 | 0.48 | 0.50 | 0.50 | 0.46 | 0.39 | 0.30 | 0.20 | 0.11 | 0.05 | 0.03 | 0.02 | 4.19    | 0.00 |     |     |
| -45    -40    -35    -30    -25    -20    -15    -10    HORIZONTAL (DEG)    10    15    20    25    30    35    40    45 |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |     |     |
| Φ t                                                                                                                      | 1.53              | 4.45 | 11.7 | 25.5 | 46.2 | 73.2 | 101  | 122  | 134  | 133  | 121  | 98.8 | 71.7 | 45.0 | 23.9 | 11.0 | 4.51 | 1.72 | 1054    |      |     |     |
| Φ a                                                                                                                      | 0.00              | 0.00 | 4.49 | 20.6 | 42.0 | 69.6 | 97.3 | 119  | 130  | 130  | 117  | 95.3 | 67.9 | 40.6 | 18.6 | 3.66 | 0.00 | 0.00 |         | 966  |     |     |

Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:9.000 m  
Remarks: 4000K

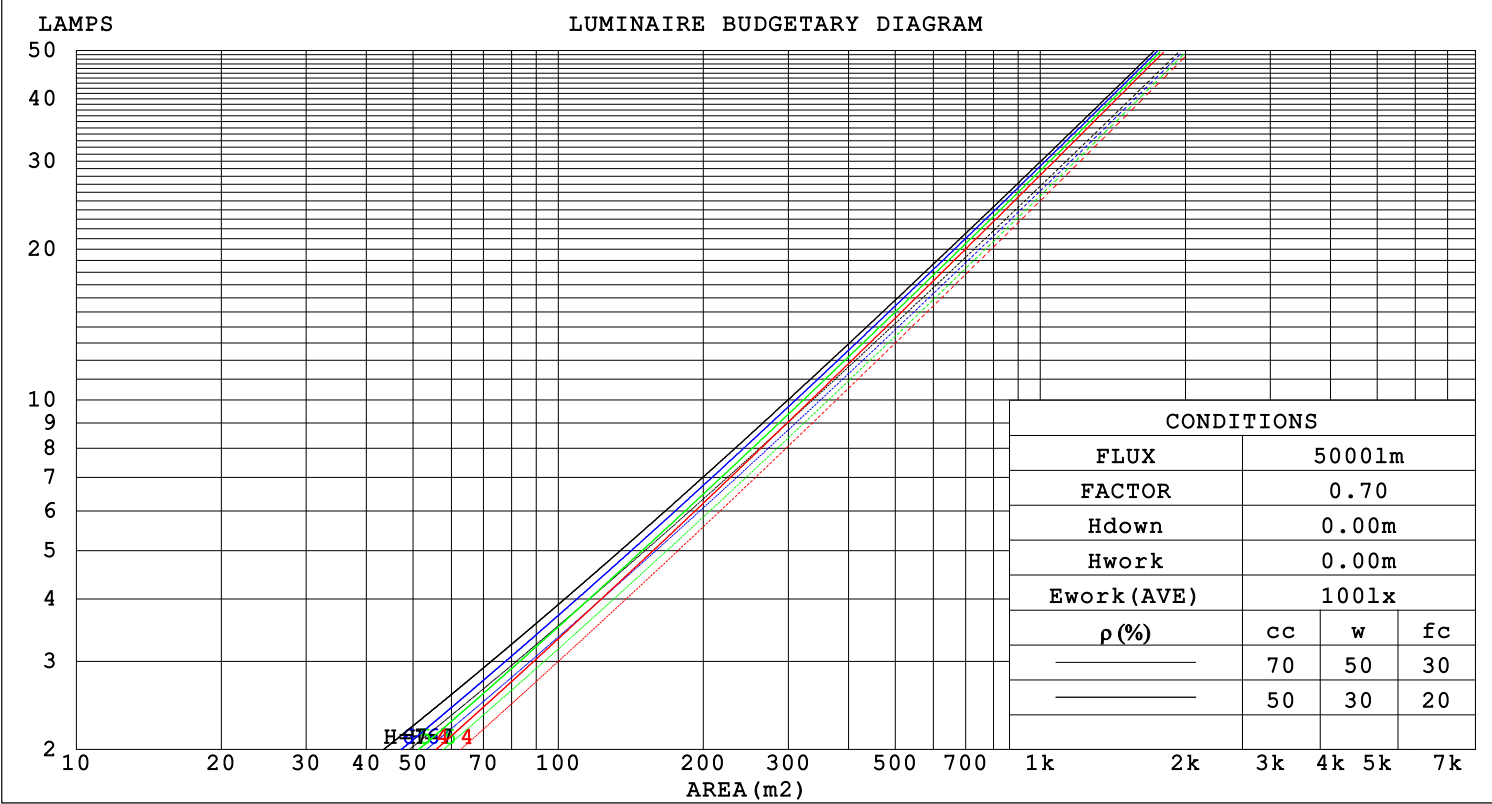


CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

|                                                                      |  |  |  |  |  |  |  |                                   |  |  |  |             |  |  |  |
|----------------------------------------------------------------------|--|--|--|--|--|--|--|-----------------------------------|--|--|--|-------------|--|--|--|
| MANUFACTURER: DIVINITY LIGHTS                                        |  |  |  |  |  |  |  |                                   |  |  |  |             |  |  |  |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |  |  |  |  |  |  |  |                                   |  |  |  |             |  |  |  |
| NAME: FLEXION 75                                                     |  |  |  |  |  |  |  | TYPE: 4000K CRI-90                |  |  |  | WEIGHT:     |  |  |  |
| SPECIFICATION: OSRAM 250 MA                                          |  |  |  |  |  |  |  | DIMENSION: D-86 CUTOUT-75 H-78 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             | 1.12                                                                       | 1.09 | 1.07 | 1.09 | 1.07 | 1.06 | 1.05 | 1.04 | 1.02 | 1.02 | 1.00 | .99  | .98  | .97  | .96  | .95  |
| 2.0             | 1.05                                                                       | 1.01 | .98  | 1.03 | 1.00 | .97  | 1.00 | .97  | .95  | .97  | .95  | .93  | .94  | .93  | .91  | .90  |
| 3.0             | .99                                                                        | .95  | .91  | .98  | .94  | .91  | .95  | .92  | .89  | .93  | .90  | .88  | .91  | .88  | .86  | .85  |
| 4.0             | .94                                                                        | .89  | .85  | .93  | .88  | .85  | .91  | .87  | .84  | .89  | .86  | .83  | .87  | .84  | .82  | .81  |
| 5.0             | .89                                                                        | .84  | .80  | .88  | .84  | .80  | .87  | .82  | .79  | .85  | .81  | .79  | .83  | .80  | .78  | .77  |
| 6.0             | .85                                                                        | .80  | .76  | .84  | .79  | .76  | .83  | .78  | .75  | .81  | .78  | .75  | .80  | .77  | .74  | .73  |
| 7.0             | .81                                                                        | .76  | .72  | .80  | .75  | .72  | .79  | .75  | .72  | .78  | .74  | .71  | .77  | .73  | .71  | .70  |
| 8.0             | .77                                                                        | .72  | .69  | .77  | .72  | .69  | .76  | .71  | .68  | .75  | .71  | .68  | .74  | .70  | .68  | .67  |
| 9.0             | .74                                                                        | .69  | .65  | .74  | .69  | .65  | .73  | .68  | .65  | .72  | .68  | .65  | .71  | .67  | .65  | .64  |
| 10.0            | .71                                                                        | .66  | .63  | .71  | .66  | .63  | .70  | .65  | .62  | .69  | .65  | .62  | .68  | .65  | .62  | .61  |



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:9.000 m  
Remarks: 4000K

WEC AND CCEC

Report number:

|                                                                      |  |  |  |  |  |  |  |                                   |  |  |  |             |  |  |
|----------------------------------------------------------------------|--|--|--|--|--|--|--|-----------------------------------|--|--|--|-------------|--|--|
| MANUFACTURER: DIVINITY LIGHTS                                        |  |  |  |  |  |  |  |                                   |  |  |  |             |  |  |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |  |  |  |  |  |  |  |                                   |  |  |  |             |  |  |
| NAME: FLEXION 75                                                     |  |  |  |  |  |  |  | TYPE: 4000K CRI-90                |  |  |  | WEIGHT:     |  |  |
| SPECIFICATION: OSRAM 250 MA                                          |  |  |  |  |  |  |  | DIMENSION: D-86 CUTOUT-75 H-78 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  | .163                  | .093 | .029 | .156 | .089 | .028 | .144                             | .082 | .026 | .132 | .076 | .024 | .121 | .070 | .023 |   |
| 2.0  | .152                  | .083 | .026 | .147 | .081 | .025 | .136                             | .076 | .024 | .127 | .071 | .022 | .118 | .067 | .021 |   |
| 3.0  | .143                  | .076 | .023 | .139 | .074 | .022 | .130                             | .070 | .021 | .122 | .067 | .020 | .114 | .063 | .020 |   |
| 4.0  | .135                  | .070 | .021 | .131 | .069 | .020 | .124                             | .066 | .020 | .117 | .063 | .019 | .110 | .060 | .018 |   |
| 5.0  | .128                  | .065 | .019 | .125 | .064 | .019 | .118                             | .062 | .018 | .112 | .059 | .018 | .107 | .057 | .017 |   |
| 6.0  | .122                  | .061 | .018 | .119 | .060 | .017 | .114                             | .058 | .017 | .108 | .056 | .017 | .103 | .054 | .016 |   |
| 7.0  | .117                  | .058 | .016 | .114 | .057 | .016 | .109                             | .055 | .016 | .104 | .053 | .016 | .100 | .052 | .015 |   |
| 8.0  | .112                  | .055 | .015 | .109 | .054 | .015 | .105                             | .052 | .015 | .101 | .051 | .015 | .097 | .050 | .014 |   |
| 9.0  | .107                  | .052 | .014 | .105 | .051 | .014 | .101                             | .050 | .014 | .097 | .049 | .014 | .094 | .048 | .014 |   |
| 10.0 | .103                  | .049 | .014 | .101 | .049 | .014 | .097                             | .048 | .013 | .094 | .047 | .013 | .091 | .046 | .013 |   |

| 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  | .170                  | .157 | .146 | .146 | .135 | .126 | .100                                       | .093 | .087 | .057 | .054 | .051 | .018 | .017 | .016 |   |
| 2.0  | .154                  | .133 | .115 | .132 | .114 | .099 | .090                                       | .079 | .069 | .052 | .046 | .041 | .017 | .015 | .013 |   |
| 3.0  | .140                  | .113 | .092 | .120 | .098 | .080 | .082                                       | .068 | .056 | .048 | .040 | .033 | .015 | .013 | .011 |   |
| 4.0  | .129                  | .098 | .075 | .111 | .085 | .065 | .076                                       | .059 | .046 | .044 | .035 | .027 | .014 | .011 | .009 |   |
| 5.0  | .119                  | .087 | .062 | .102 | .075 | .054 | .071                                       | .052 | .038 | .041 | .031 | .023 | .013 | .010 | .007 |   |
| 6.0  | .111                  | .077 | .052 | .096 | .067 | .046 | .066                                       | .047 | .032 | .038 | .027 | .019 | .012 | .009 | .006 |   |
| 7.0  | .104                  | .069 | .044 | .090 | .060 | .039 | .062                                       | .042 | .027 | .036 | .025 | .016 | .012 | .008 | .005 |   |
| 8.0  | .098                  | .063 | .038 | .085 | .054 | .033 | .059                                       | .038 | .024 | .034 | .023 | .014 | .011 | .007 | .005 |   |
| 9.0  | .093                  | .057 | .033 | .080 | .050 | .029 | .056                                       | .035 | .021 | .032 | .021 | .012 | .010 | .007 | .004 |   |
| 10.0 | .088                  | .053 | .029 | .076 | .046 | .025 | .053                                       | .032 | .018 | .031 | .019 | .011 | .010 | .006 | .004 |   |

Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:9.000 m  
Remarks: 4000K

Uncorrected UGR Table

Report number:

|                                                                      |        |                  |     |     |                                   |     |                |             |     |     |     |
|----------------------------------------------------------------------|--------|------------------|-----|-----|-----------------------------------|-----|----------------|-------------|-----|-----|-----|
| MANUFACTURER: DIVINITY LIGHTS                                        |        |                  |     |     |                                   |     |                |             |     |     |     |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |        |                  |     |     |                                   |     |                |             |     |     |     |
| NAME: FLEXION 75                                                     |        |                  |     |     | TYPE: 4000K CRI-90                |     |                | WEIGHT:     |     |     |     |
| SPECIFICATION: OSRAM 250 MA                                          |        |                  |     |     | DIMENSION: D-86 CUTOUT-75 H-78 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 | 1.8              | 2.6 | 2.0 | 2.8                               | 2.9 | 5.0            | 5.8         | 5.2 | 5.9 | 6.1 |
|                                                                      | 3H     | 1.9              | 2.7 | 2.2 | 2.9                               | 3.1 | 4.9            | 5.6         | 5.1 | 5.8 | 6.0 |
|                                                                      | 4H     | 2.1              | 2.8 | 2.4 | 3.1                               | 3.3 | 4.8            | 5.5         | 5.1 | 5.8 | 6.0 |
|                                                                      | 6H     | 2.5              | 3.2 | 2.8 | 3.4                               | 3.7 | 4.8            | 5.5         | 5.1 | 5.7 | 6.0 |
|                                                                      | 8H     | 2.9              | 3.5 | 3.2 | 3.8                               | 4.0 | 4.8            | 5.4         | 5.1 | 5.7 | 5.9 |
|                                                                      | 12H    | 3.4              | 4.0 | 3.7 | 4.2                               | 4.5 | 4.8            | 5.4         | 5.1 | 5.7 | 5.9 |
| 4H                                                                   | 2H     | 1.6              | 2.4 | 1.9 | 2.6                               | 2.8 | 4.8            | 5.5         | 5.0 | 5.7 | 5.9 |
|                                                                      | 3H     | 1.8              | 2.4 | 2.1 | 2.7                               | 2.9 | 4.7            | 5.4         | 5.1 | 5.6 | 5.9 |
|                                                                      | 4H     | 2.0              | 2.6 | 2.4 | 2.9                               | 3.2 | 4.8            | 5.3         | 5.1 | 5.6 | 5.9 |
|                                                                      | 6H     | 2.6              | 3.1 | 2.9 | 3.4                               | 3.7 | 4.8            | 5.3         | 5.2 | 5.7 | 6.0 |
|                                                                      | 8H     | 3.0              | 3.5 | 3.4 | 3.8                               | 4.2 | 4.9            | 5.3         | 5.3 | 5.7 | 6.1 |
|                                                                      | 12H    | 3.8              | 4.2 | 4.2 | 4.6                               | 5.0 | 5.0            | 5.4         | 5.4 | 5.7 | 6.1 |
| 8H                                                                   | 4H     | 2.1              | 2.5 | 2.5 | 2.9                               | 3.2 | 4.7            | 5.2         | 5.1 | 5.5 | 5.9 |
|                                                                      | 6H     | 2.6              | 3.0 | 3.1 | 3.4                               | 3.8 | 5.0            | 5.4         | 5.4 | 5.8 | 6.2 |
|                                                                      | 8H     | 3.2              | 3.5 | 3.6 | 3.9                               | 4.4 | 5.2            | 5.5         | 5.6 | 5.9 | 6.4 |
|                                                                      | 12H    | 4.1              | 4.4 | 4.6 | 4.8                               | 5.3 | 5.4            | 5.7         | 5.9 | 6.2 | 6.6 |
| 12H                                                                  | 4H     | 2.1              | 2.5 | 2.5 | 2.9                               | 3.3 | 4.7            | 5.1         | 5.1 | 5.5 | 5.9 |
|                                                                      | 6H     | 2.7              | 3.1 | 3.2 | 3.5                               | 3.9 | 5.0            | 5.3         | 5.4 | 5.7 | 6.2 |
|                                                                      | 8H     | 3.3              | 3.6 | 3.8 | 4.0                               | 4.5 | 5.3            | 5.6         | 5.7 | 6.0 | 6.5 |
| Variations with the observer position at spacings:                   |        |                  |     |     |                                   |     |                |             |     |     |     |
| S = 1.0H                                                             |        | + 1.5 / - 1.6    |     |     |                                   |     | + 2.3 / - 3.4  |             |     |     |     |
| 1.5H                                                                 |        | + 3.3 / - 1.8    |     |     |                                   |     | + 4.6 / - 3.7  |             |     |     |     |
| 2.0H                                                                 |        | + 1.6 / - 0.6    |     |     |                                   |     | + 2.8 / - 0.9  |             |     |     |     |

CIE Pub.117 Corrected 1054 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.2)

Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:9.000 m  
Remarks: 4000K

## UTILIZATION FACTORS TABLE

Report number:

|                                                                       |                                   |             |
|-----------------------------------------------------------------------|-----------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                         |                                   |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019 |                                   |             |
| NAME: FLEXION 75                                                      | TYPE: 4000K CRI-90                | WEIGHT:     |
| SPECIFICATION: OSRAM 250 MA                                           | DIMENSION: D-86 CUTOUT-75 H-78 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 90                                                   | 84  | 80        | 89  | 83  | 80  | 88  | 83            | 80  | 76     |
| 0.80                             | 97                                                   | 91  | 88        | 96  | 91  | 88  | 95  | 90            | 87  | 84     |
| 1.00                             | 101                                                  | 95  | 92        | 100 | 95  | 92  | 98  | 95            | 91  | 87     |
| 1.25                             | 104                                                  | 99  | 96        | 103 | 99  | 96  | 101 | 98            | 95  | 91     |
| 1.50                             | 107                                                  | 102 | 99        | 106 | 102 | 99  | 103 | 100           | 98  | 93     |
| 2.00                             | 109                                                  | 105 | 102       | 108 | 104 | 101 | 105 | 102           | 100 | 95     |
| 2.50                             | 111                                                  | 107 | 104       | 109 | 106 | 103 | 106 | 103           | 101 | 96     |
| 3.00                             | 112                                                  | 109 | 106       | 110 | 107 | 105 | 107 | 105           | 103 | 97     |
| 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 |     |        |

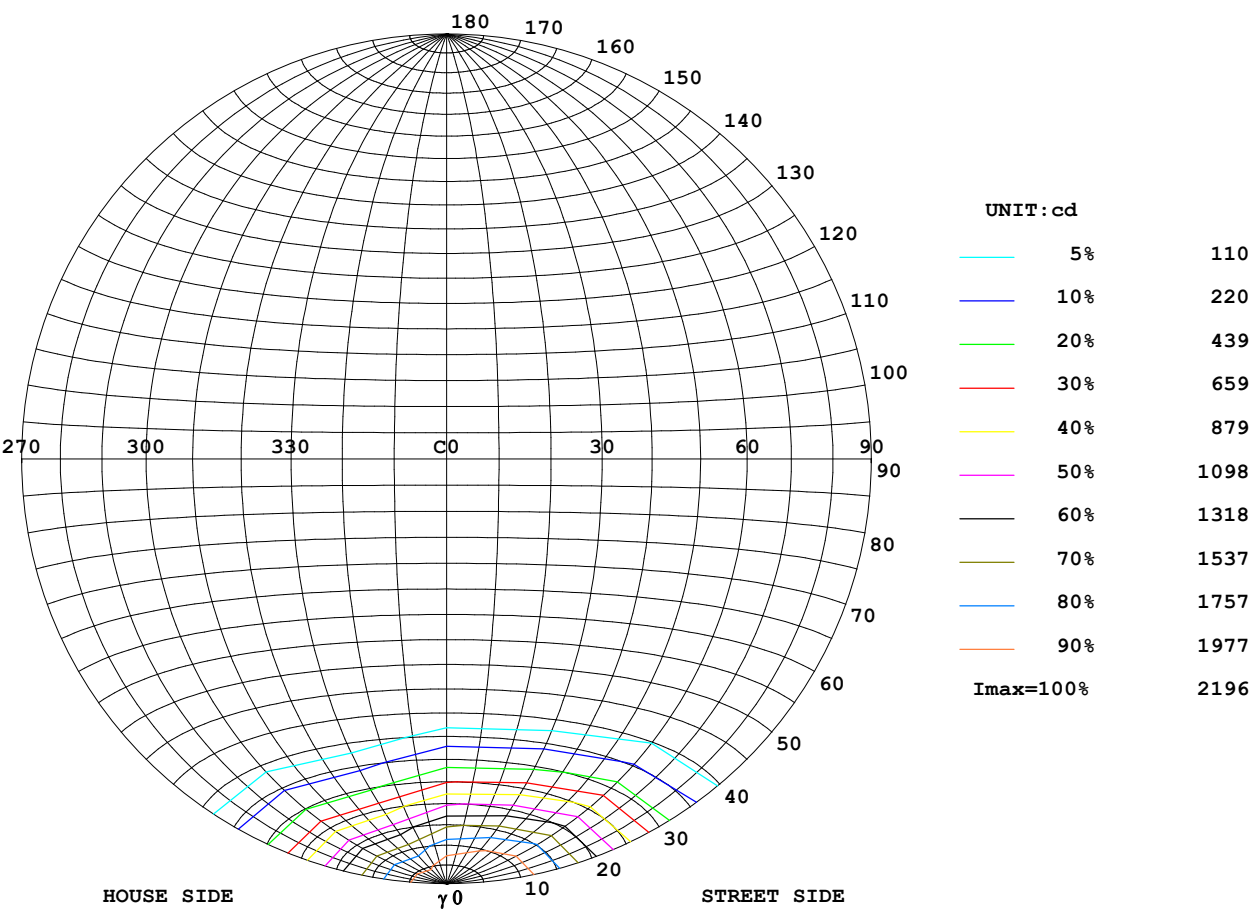
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 07-21-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)  
 Humidity: 65.0%  
 Test Distance: 9.000 m  
 Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

|                                                                      |                                   |             |
|----------------------------------------------------------------------|-----------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                                   |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                                   |             |
| NAME: FLEXION 75                                                     | TYPE: 4000K CRI-90                | WEIGHT:     |
| SPECIFICATION: OSRAM 250 MA                                          | DIMENSION: D-86 CUTOUT-75 H-78 MM | SERIAL No.: |



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:07-21-2025

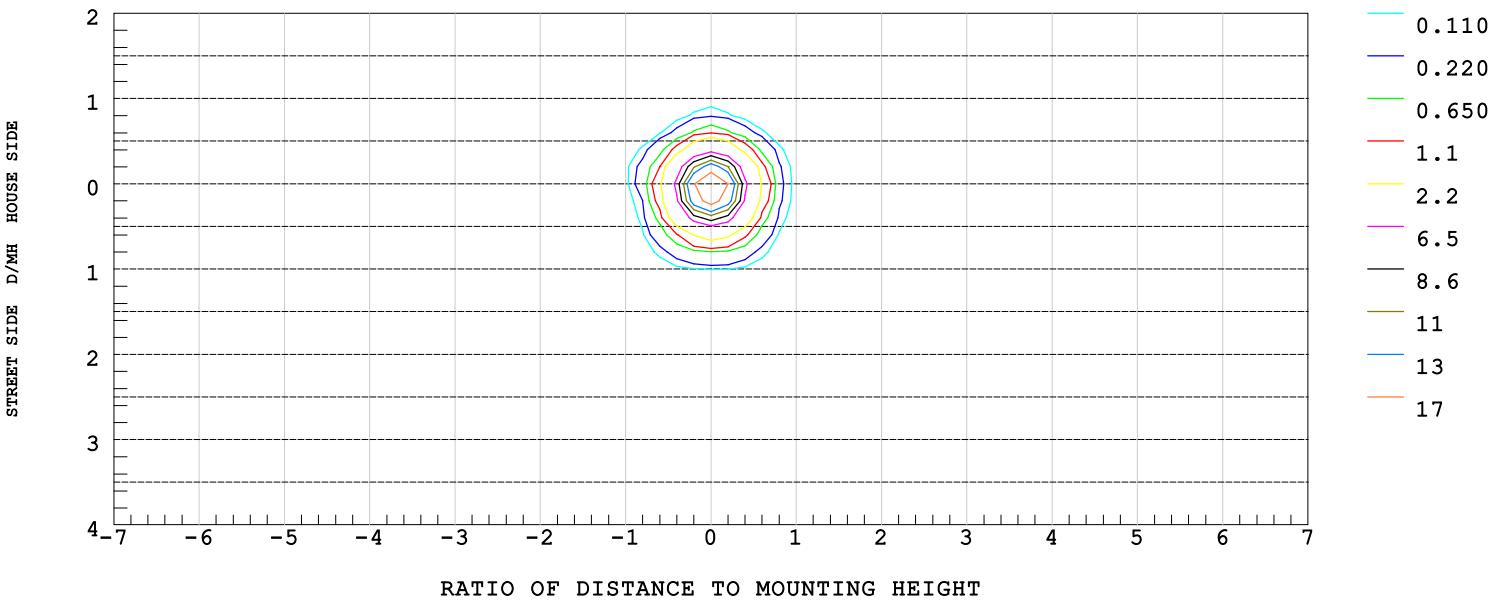
Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:9.000 m  
Remarks: 4000K

ISOLUX DIAGRAM

Report number:

|                                                                      |                                   |             |
|----------------------------------------------------------------------|-----------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                                   |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                                   |             |
| NAME: FLEXION 75                                                     | TYPE: 4000K CRI-90                | WEIGHT:     |
| SPECIFICATION: OSRAM 250 MA                                          | DIMENSION: D-86 CUTOUT-75 H-78 MM | SERIAL No.: |

ILLUMINANCE AT MH=10 m,Enadir = 21.58 lx



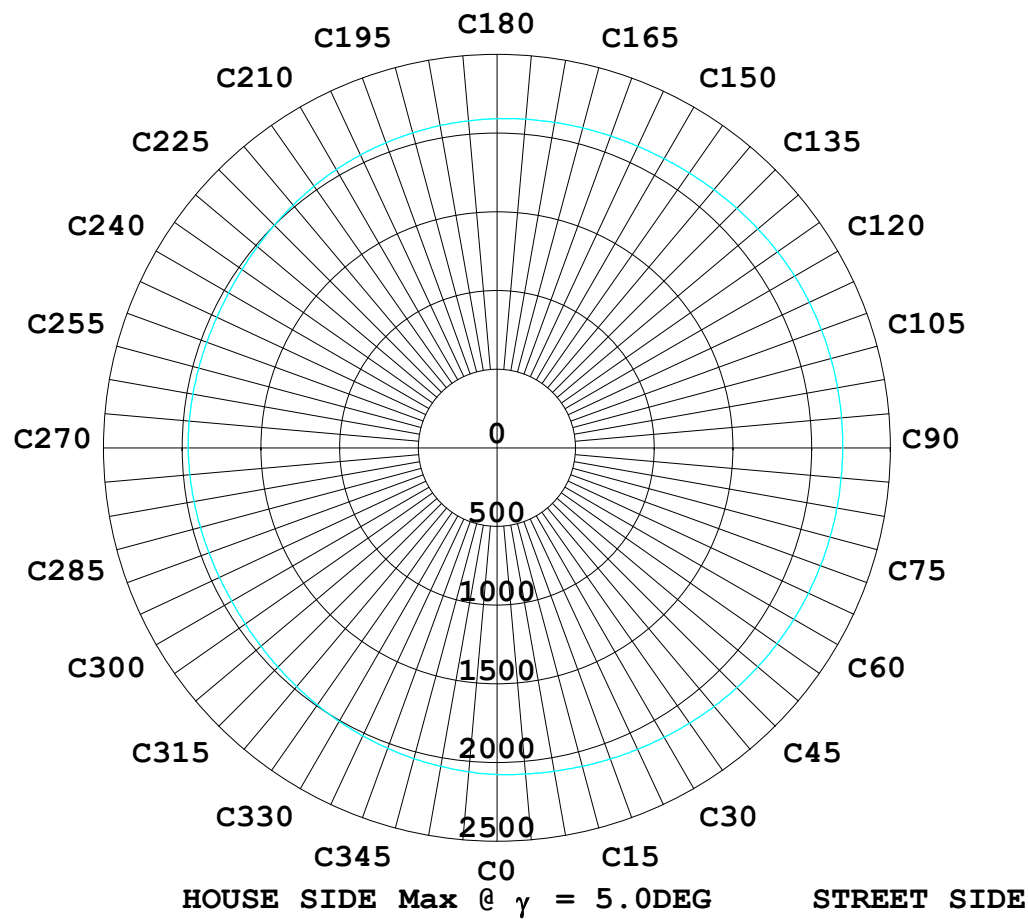
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:9.000 m  
Remarks: 4000K

ISOCANDELA DIAGRAM

Report number:

|                                                                      |                                   |             |
|----------------------------------------------------------------------|-----------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                                   |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                                   |             |
| NAME: FLEXION 75                                                     | TYPE: 4000K CRI-90                | WEIGHT:     |
| SPECIFICATION: OSRAM 250 MA                                          | DIMENSION: D-86 CUTOUT-75 H-78 MM | SERIAL No.: |



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:9.000 m  
Remarks: 4000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

|                                                                      |                                   |             |
|----------------------------------------------------------------------|-----------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                                   |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                                   |             |
| NAME: FLEXION 75                                                     | TYPE: 4000K CRI-90                | WEIGHT:     |
| SPECIFICATION: OSRAM 250 MA                                          | DIMENSION: D-86 CUTOUT-75 H-78 MM | SERIAL No.: |

UNIT: cd

| C (DEG)<br>γ (DEG) | 0    | 30   | 60   | 90   | 120  | 150  | 180  | 210  | 240  | 270  | 300  | 330  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.0                | 2158 | 2153 | 2145 | 2151 | 2136 | 2136 | 2158 | 2153 | 2145 | 2151 | 2136 | 2136 |
| 5.0                | 2076 | 2124 | 2178 | 2196 | 2184 | 2123 | 2092 | 2043 | 1970 | 1963 | 1948 | 2007 |
| 10.0               | 1862 | 1958 | 2061 | 2086 | 2074 | 1959 | 1883 | 1794 | 1665 | 1661 | 1637 | 1757 |
| 15.0               | 1496 | 1622 | 1767 | 1795 | 1782 | 1615 | 1516 | 1392 | 1239 | 1227 | 1214 | 1361 |
| 20.0               | 1065 | 1188 | 1354 | 1375 | 1365 | 1187 | 1058 | 943  | 801  | 786  | 770  | 927  |
| 25.0               | 646  | 752  | 920  | 934  | 932  | 759  | 639  | 554  | 427  | 430  | 406  | 536  |
| 30.0               | 323  | 389  | 520  | 534  | 539  | 399  | 371  | 270  | 187  | 193  | 174  | 226  |
| 35.0               | 141  | 167  | 228  | 252  | 270  | 177  | 133  | 113  | 69.3 | 77.6 | 62.8 | 106  |
| 40.0               | 56.4 | 60.3 | 105  | 99.0 | 113  | 66.1 | 48.3 | 46.0 | 20.1 | 29.4 | 17.9 | 42.2 |
| 45.0               | 19.7 | 17.9 | 40.9 | 32.3 | 44.3 | 20.4 | 13.1 | 14.2 | 2.51 | 11.3 | 2.26 | 13.5 |
| 50.0               | 10.8 | 2.34 | 13.6 | 5.67 | 14.6 | 2.26 | 3.56 | 10.0 | 1.86 | 8.99 | 1.78 | 9.55 |
| 55.0               | 8.91 | 1.86 | 9.39 | 1.94 | 9.63 | 1.94 | 3.15 | 8.26 | 1.70 | 7.45 | 1.62 | 7.93 |
| 60.0               | 7.53 | 1.78 | 7.61 | 1.53 | 7.77 | 1.62 | 3.07 | 7.04 | 1.45 | 6.39 | 1.45 | 6.64 |
| 65.0               | 6.56 | 1.62 | 6.48 | 1.37 | 6.56 | 1.45 | 2.91 | 5.91 | 1.29 | 5.50 | 1.13 | 5.67 |
| 70.0               | 5.58 | 1.53 | 5.75 | 1.37 | 5.75 | 1.37 | 2.75 | 5.10 | 1.13 | 4.77 | 1.05 | 4.94 |
| 75.0               | 5.10 | 1.45 | 5.02 | 1.37 | 5.10 | 1.21 | 2.67 | 4.45 | 1.05 | 4.21 | 1.05 | 4.37 |
| 80.0               | 4.53 | 1.45 | 4.45 | 1.29 | 4.45 | 1.29 | 2.83 | 4.05 | 1.13 | 3.80 | 1.13 | 3.88 |
| 85.0               | 4.21 | 1.53 | 4.05 | 1.29 | 4.13 | 1.29 | 2.91 | 3.72 | 1.13 | 3.56 | 1.21 | 3.48 |
| 90.0               | 4.05 | 2.02 | 3.64 | 1.70 | 3.64 | 1.70 | 3.96 | 3.32 | 1.62 | 3.15 | 1.45 | 3.15 |

Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:07-21-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:9.000 m  
Remarks: 4000K