

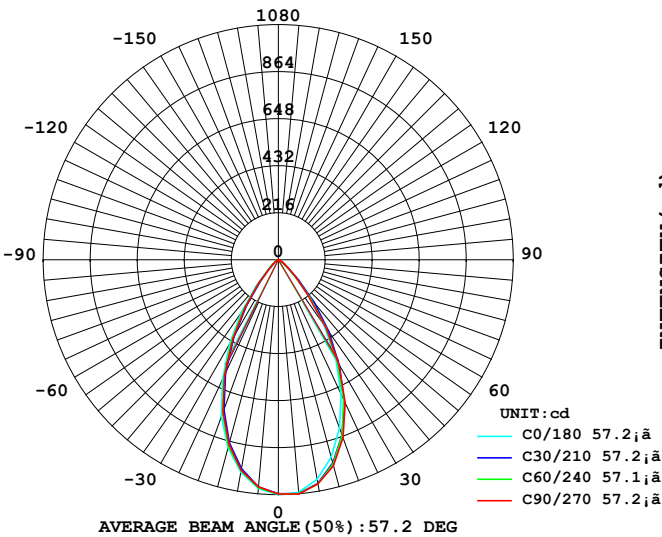
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

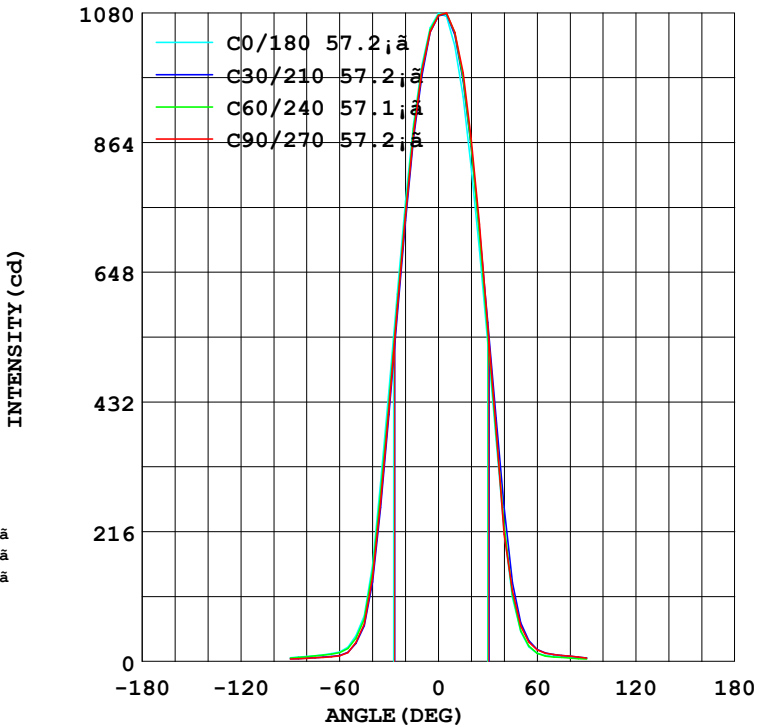
|                                                                      |                          |             |
|----------------------------------------------------------------------|--------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                          |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                          |             |
| NAME: PHONEIX 60 TRACK LIGHT                                         | TYPE: 3000K CRI-90       | WEIGHT:     |
| SPECIFICATION: OSRAM 250 MA                                          | DIMENSION: D-60 H-180 MM | SERIAL No.: |

|                   |            |                     |        |                   |       |
|-------------------|------------|---------------------|--------|-------------------|-------|
| DATA OF LAMP      |            | Imax (cd)           | 1080   | S/MH (C0/180)     | 0.84  |
| MODEL             | PHONEIX 60 | EFFICIENCY (%)      | 100.0  | S/MH (C90/270)    | 0.82  |
| NOMINAL POWER (W) | 10         | TOTAL FLUX (lm)     | 988.86 | Voltage (V)       | 219.5 |
| RATED VOLTAGE (V) | 220        | EFFICIENCY (lm/W)   | 91.6   | Current (A)       | 0.052 |
| NOMINAL FLUX (lm) | 988.9      | $\eta$ up (%)       | 0.0    | Power (W)         | 10.80 |
| LAMPS QUANTITY    | 1          | $\eta$ down (%)     | 100.0  | Power Factor (PF) | 0.994 |
| TEST VOLTAGE (V)  | 219.5      | Effictive Flux (lm) | 905.7  | EEI               | 0.152 |

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:10-03-2025

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: PHONEIX 60 TRACK LIGHT                                         | TYPE: 3000K CRI-90       | WEIGHT:     |
| SPECIFICATION: OSRAM 250 MA                                          | DIMENSION: D-60 H-180 MM | SERIAL No.: |

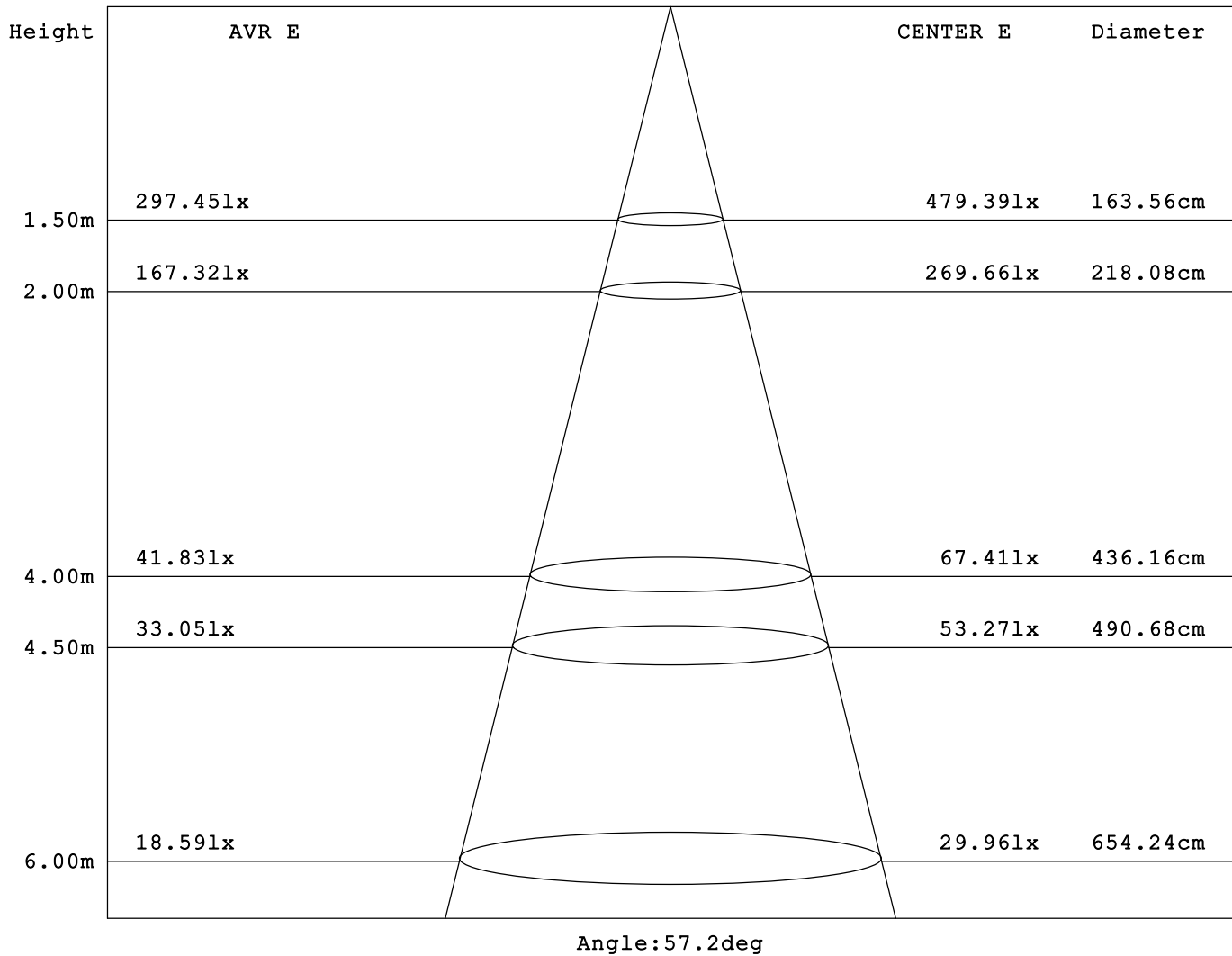
Test System:HOP00 HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:10-03-2025

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: PHONEIX 60 TRACK LIGHT                                         | TYPE: 3000K CRI-90       | WEIGHT:     |
| SPECIFICATION: OSRAM 250 MA                                          | DIMENSION: D-60 H-180 MM | SERIAL No.: |



Test System: HOPOO HPG1800  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 10-03-2025

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: PHONEIX 60 TRACK LIGHT                                         | TYPE: 3000K CRI-90       | WEIGHT:     |
| SPECIFICATION: OSRAM 250 MA                                          | DIMENSION: D-60 H-180 MM | SERIAL No.: |

| γ     | C0                    | C45   | C90   | C135  | C180  | C225  | C270  | C315  | γ       | Zone    | total |
|-------|-----------------------|-------|-------|-------|-------|-------|-------|-------|---------|---------|-------|
| 10.0  | 991.7                 | 980.1 | 982.4 | 997.9 | 1024  | 1044  | 1047  | 1019  | 0- 10   | 99.80   | 99.80 |
| 20.0  | 766.1                 | 741.6 | 743.0 | 783.7 | 822.7 | 857.8 | 869.9 | 818.7 | 10- 20  | 256.7   | 356.5 |
| 30.0  | 450.1                 | 420.3 | 419.7 | 474.1 | 529.6 | 554.4 | 556.6 | 508.1 | 20- 30  | 296.8   | 653.3 |
| 40.0  | 160.7                 | 141.5 | 139.9 | 178.3 | 217.6 | 241.6 | 211.6 | 196.8 | 30- 40  | 207.1   | 860.4 |
| 50.0  | 43.06                 | 34.46 | 31.42 | 42.91 | 49.70 | 57.58 | 59.02 | 45.30 | 40- 50  | 78.67   | 939.1 |
| 60.0  | 15.89                 | 12.21 | 9.392 | 13.18 | 13.72 | 16.76 | 19.21 | 14.30 | 50- 60  | 23.62   | 962.7 |
| 70.0  | 10.90                 | 8.742 | 6.719 | 8.742 | 8.381 | 9.428 | 11.41 | 8.959 | 60- 70  | 11.08   | 973.8 |
| 80.0  | 8.308                 | 6.647 | 5.202 | 6.791 | 7.008 | 7.188 | 8.597 | 6.899 | 70- 80  | 8.474   | 982.3 |
| 90.0  | 6.141                 | 5.238 | 4.190 | 4.913 | 6.213 | 4.985 | 5.635 | 4.804 | 80- 90  | 6.524   | 988.8 |
| 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:10-03-2025

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: PHONEIX 60 TRACK LIGHT                                         | TYPE: 3000K CRI-90       | WEIGHT:     |
| SPECIFICATION: OSRAM 250 MA                                          | DIMENSION: D-60 H-180 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      | 812    | 497     |
| 80      | 478    | 300     |
| 75      | 368    | 232     |
| 70      | 319    | 196     |
| 65      | 303    | 183     |
| 60      | 318    | 188     |
| 55      | 409    | 254     |
| 50      | 670    | 489     |
| 45      | 1073   | 877     |

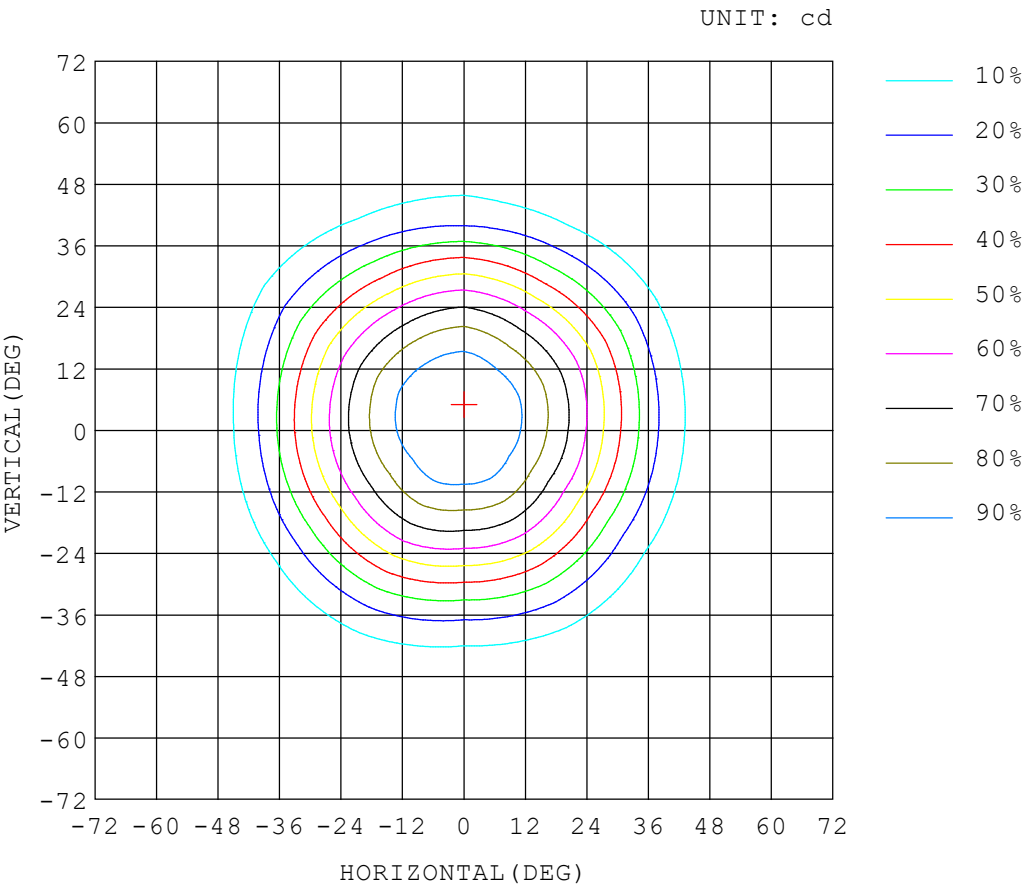
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:10-03-2025

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: PHONEIX 60 TRACK LIGHT                                         | TYPE: 3000K CRI-90       | WEIGHT:     |
| SPECIFICATION: OSRAM 250 MA                                          | DIMENSION: D-60 H-180 MM | SERIAL No.: |



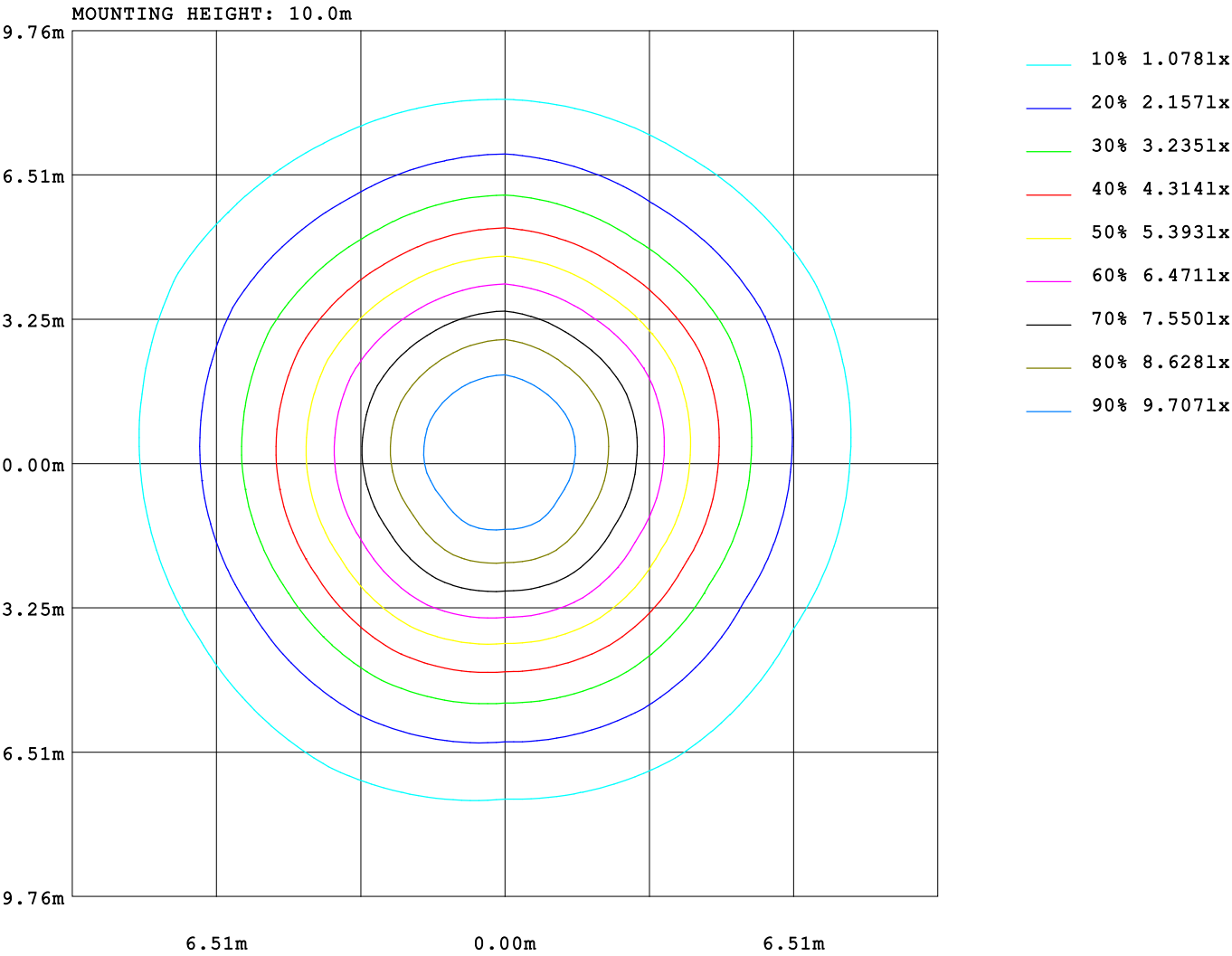
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:10-03-2025

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: PHONEIX 60 TRACK LIGHT                                         | TYPE: 3000K CRI-90       | WEIGHT:     |
| SPECIFICATION: OSRAM 250 MA                                          | DIMENSION: D-60 H-180 MM | SERIAL No.: |



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:10-03-2025

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: PHONEIX 60 TRACK LIGHT                                         |  |  |  |  |  |  |  |  |  | TYPE: 3000K CRI-90       |  |  |  |  | WEIGHT:     |  |  |  |  |
| SPECIFICATION: OSRAM 250 MA                                          |  |  |  |  |  |  |  |  |  | DIMENSION: D-60 H-180 MM |  |  |  |  | SERIAL No.: |  |  |  |  |

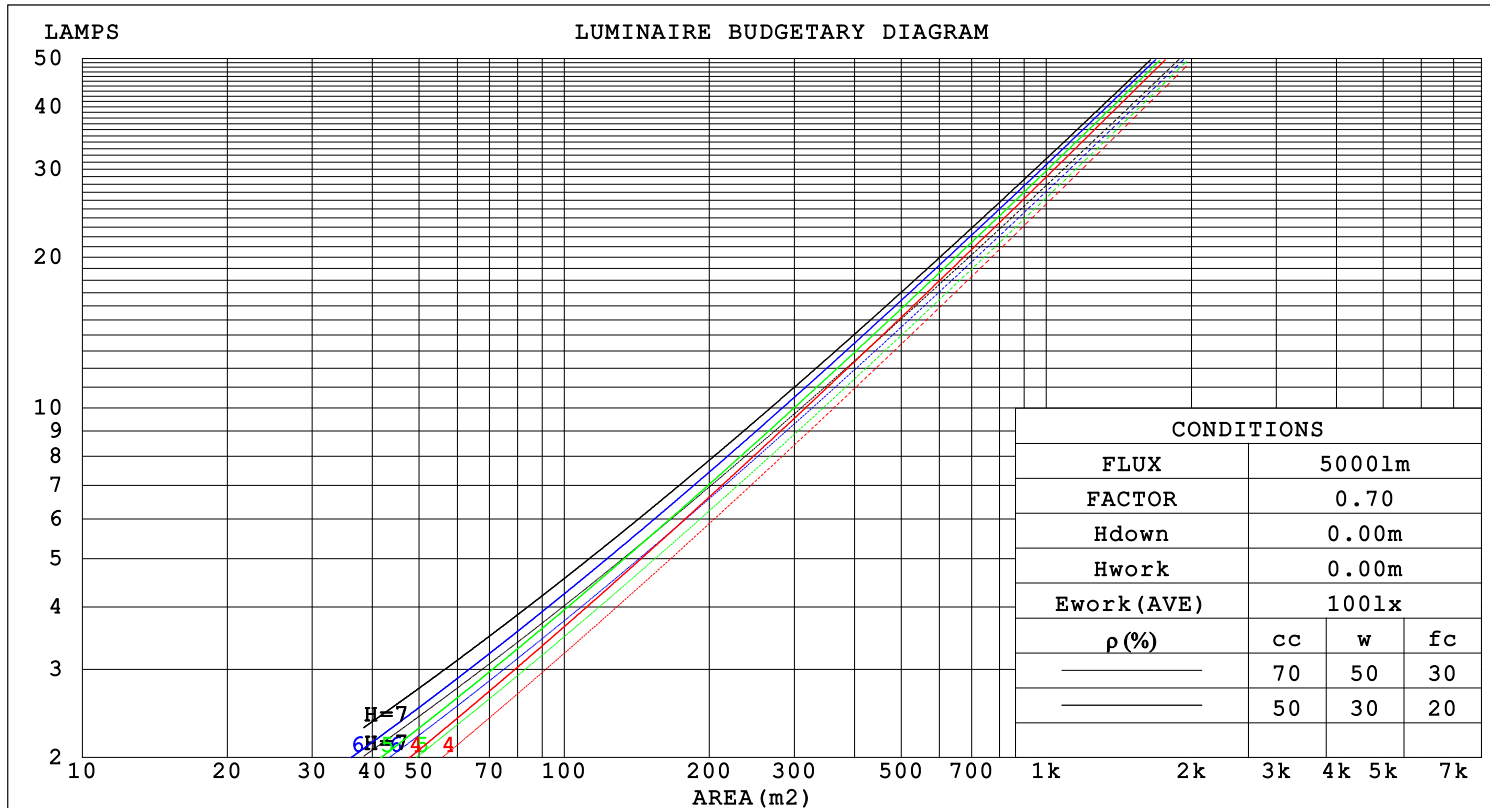
| VERTICAL (DEG) | AREA FLUX DIAGRAM |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | UNIT:lm | Φ t  | Φ a |
|----------------|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------|------|-----|
|                | 72                | 64   | 56   | 48   | 40   | 32   | 24   | 16   | 8    | 0    | 8    | 16   | 24   | 32   | 40   | 48   | 56   | 64   | 72      |      |     |
| 72             | 0.06              | 0.08 | 0.11 | 0.12 | 0.13 | 0.13 | 0.16 | 0.20 | 0.23 | 0.23 | 0.19 | 0.16 | 0.13 | 0.12 | 0.11 | 0.10 | 0.08 | 0.06 | 2.38    | 0.00 |     |
| 64             | 0.06              | 0.09 | 0.12 | 0.14 | 0.16 | 0.18 | 0.24 | 0.32 | 0.38 | 0.37 | 0.30 | 0.22 | 0.17 | 0.15 | 0.14 | 0.12 | 0.09 | 0.06 | 3.34    | 0.00 |     |
| 56             | 0.06              | 0.10 | 0.15 | 0.20 | 0.27 | 0.38 | 0.56 | 0.77 | 0.93 | 0.90 | 0.70 | 0.47 | 0.31 | 0.23 | 0.17 | 0.14 | 0.10 | 0.07 | 6.51    | 0.00 |     |
| 48             | 0.07              | 0.11 | 0.18 | 0.32 | 0.56 | 0.95 | 1.53 | 2.24 | 2.66 | 2.57 | 2.01 | 1.26 | 0.76 | 0.43 | 0.26 | 0.17 | 0.11 | 0.07 | 16.2    | 7.23 |     |
| 40             | 0.07              | 0.12 | 0.24 | 0.55 | 1.18 | 2.40 | 4.04 | 5.63 | 6.65 | 6.50 | 5.21 | 3.46 | 1.88 | 0.89 | 0.42 | 0.21 | 0.12 | 0.07 | 39.6    | 34.6 |     |
| 32             | 0.07              | 0.13 | 0.32 | 0.89 | 2.37 | 4.87 | 7.69 | 10.2 | 11.8 | 11.6 | 9.68 | 6.93 | 4.05 | 1.77 | 0.67 | 0.27 | 0.13 | 0.08 | 73.6    | 70.1 |     |
| 24             | 0.07              | 0.14 | 0.41 | 1.31 | 3.80 | 7.48 | 11.2 | 14.5 | 16.4 | 16.2 | 13.8 | 10.4 | 6.51 | 2.96 | 0.97 | 0.34 | 0.15 | 0.08 | 107     | 104  |     |
|                | 0.07              | 0.15 | 0.48 | 1.72 | 4.86 | 9.34 | 13.9 | 17.5 | 19.4 | 19.2 | 16.8 | 13.0 | 8.26 | 3.91 | 1.26 | 0.40 | 0.16 | 0.08 | 131     | 128  |     |
|                | 0.07              | 0.15 | 0.51 | 1.91 | 5.36 | 10.1 | 14.9 | 18.8 | 20.7 | 20.4 | 18.1 | 13.9 | 8.92 | 4.32 | 1.40 | 0.44 | 0.16 | 0.09 | 141     | 138  |     |
|                | 0.07              | 0.15 | 0.48 | 1.80 | 5.13 | 9.81 | 14.5 | 18.2 | 20.2 | 20.0 | 17.5 | 13.4 | 8.52 | 4.09 | 1.32 | 0.42 | 0.16 | 0.08 | 136     | 134  |     |
|                | 0.06              | 0.13 | 0.40 | 1.44 | 4.21 | 8.35 | 12.6 | 16.2 | 18.1 | 17.9 | 15.6 | 11.5 | 7.12 | 3.27 | 1.06 | 0.35 | 0.14 | 0.08 | 119     | 116  |     |
| -24            | 0.06              | 0.11 | 0.30 | 0.97 | 2.85 | 6.15 | 9.84 | 12.9 | 14.3 | 14.1 | 12.2 | 8.84 | 5.05 | 2.14 | 0.72 | 0.27 | 0.12 | 0.07 | 91.2    | 88.2 |     |
| -32            | 0.06              | 0.10 | 0.21 | 0.58 | 1.57 | 3.71 | 6.40 | 8.56 | 9.49 | 9.28 | 7.98 | 5.61 | 2.98 | 1.17 | 0.45 | 0.19 | 0.11 | 0.07 | 58.5    | 54.9 |     |
| -40            | 0.05              | 0.08 | 0.14 | 0.32 | 0.80 | 1.71 | 3.14 | 4.32 | 4.79 | 4.65 | 3.94 | 2.68 | 1.38 | 0.62 | 0.26 | 0.14 | 0.09 | 0.06 | 29.2    | 24.2 |     |
| -48            | 0.05              | 0.07 | 0.11 | 0.19 | 0.39 | 0.75 | 1.17 | 1.52 | 1.65 | 1.59 | 1.38 | 1.00 | 0.62 | 0.33 | 0.17 | 0.11 | 0.08 | 0.06 | 11.2    | 1.97 |     |
| -56            | 0.05              | 0.07 | 0.09 | 0.14 | 0.22 | 0.34 | 0.47 | 0.53 | 0.52 | 0.51 | 0.49 | 0.42 | 0.31 | 0.21 | 0.14 | 0.09 | 0.07 | 0.05 | 4.72    | 0.00 |     |
| -64            | 0.04              | 0.06 | 0.08 | 0.12 | 0.17 | 0.22 | 0.24 | 0.24 | 0.21 | 0.21 | 0.23 | 0.23 | 0.21 | 0.16 | 0.12 | 0.09 | 0.06 | 0.05 | 2.76    | 0.00 |     |
| -72            | 0.04              | 0.06 | 0.08 | 0.11 | 0.14 | 0.18 | 0.18 | 0.17 | 0.15 | 0.15 | 0.17 | 0.18 | 0.17 | 0.14 | 0.11 | 0.08 | 0.06 | 0.04 | 2.18    | 0.00 |     |
|                | -72               | -64  | -56  | -48  | -40  | -32  | -24  | -16  | 16   | 24   | 32   | 40   | 48   | 56   | 64   | 72   |      |      |         |      |     |
| Φ t            | 1.07              | 1.91 | 4.42 | 12.8 | 34.2 | 67.1 | 103  | 133  | 149  | 147  | 127  | 94.0 | 57.4 | 26.9 | 9.77 | 3.89 | 2.01 | 1.23 | 989     |      |     |
| Φ a            | 0.00              | 0.00 | 0.00 | 5.45 | 29.2 | 62.7 | 98.8 | 129  | 145  | 143  | 123  | 89.7 | 52.8 | 21.5 | 2.28 | 0.00 | 0.00 | 0.00 |         | 906  |     |

Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:10-03-2025

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

Report number:

| pcc             | 80%                   |      |      | 70%  |      |      | 50%  |      |      | 30%  |      |      | 10%  |      |      | 0                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-----------------|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| p <sub>w</sub>  | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| p <sub>fc</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             | 1.10                  | 1.07 | 1.05 | 1.08 | 1.05 | 1.03 | 1.04 | 1.02 | .00  | .00  | .98  | .97  | .96  | .95  | .94  | .92                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2.0             | 1.02                  | .97  | .94  | .00  | .96  | .93  | .97  | .93  | .90  | .94  | .91  | .89  | .91  | .89  | .87  | .85                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3.0             | .94                   | .89  | .85  | .93  | .88  | .84  | .90  | .86  | .83  | .88  | .84  | .81  | .85  | .83  | .80  | .78                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4.0             | .88                   | .82  | .77  | .87  | .81  | .77  | .84  | .80  | .76  | .82  | .78  | .75  | .80  | .77  | .74  | .73                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5.0             | .82                   | .76  | .71  | .81  | .75  | .71  | .79  | .74  | .70  | .77  | .73  | .69  | .76  | .72  | .69  | .67                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6.0             | .77                   | .70  | .66  | .76  | .70  | .65  | .74  | .69  | .65  | .73  | .68  | .65  | .71  | .67  | .64  | .63                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7.0             | .72                   | .65  | .61  | .71  | .65  | .61  | .70  | .64  | .61  | .69  | .64  | .60  | .67  | .63  | .60  | .58                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8.0             | .67                   | .61  | .57  | .67  | .61  | .57  | .66  | .60  | .57  | .65  | .60  | .56  | .64  | .59  | .56  | .55                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9.0             | .64                   | .57  | .53  | .63  | .57  | .53  | .62  | .57  | .53  | .61  | .56  | .53  | .60  | .56  | .53  | .51                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10.0            | .60                   | .54  | .50  | .60  | .54  | .50  | .59  | .53  | .50  | .58  | .53  | .50  | .57  | .53  | .49  | .48                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



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: PHONEIX 60 TRACK LIGHT                                         |  |  |  |  |  |  |  | TYPE: 3000K CRI-90       |  |  |  | WEIGHT:     |  |  |
| SPECIFICATION: OSRAM 250 MA                                          |  |  |  |  |  |  |  | DIMENSION: D-60 H-180 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  | .195                  | .111 | .035 | .188 | .107 | .034 | .176                            | .101 | .032 | .164 | .095 | .030 | .153 | .089 | .029 |   |
| 2.0  | .185                  | .101 | .031 | .179 | .099 | .030 | .168                            | .093 | .029 | .158 | .089 | .028 | .149 | .084 | .027 |   |
| 3.0  | .175                  | .093 | .028 | .170 | .091 | .027 | .160                            | .087 | .026 | .152 | .083 | .026 | .144 | .080 | .025 |   |
| 4.0  | .165                  | .086 | .025 | .161 | .084 | .025 | .153                            | .081 | .024 | .146 | .078 | .024 | .139 | .075 | .023 |   |
| 5.0  | .157                  | .080 | .023 | .153 | .079 | .023 | .146                            | .076 | .022 | .140 | .074 | .022 | .134 | .071 | .021 |   |
| 6.0  | .149                  | .075 | .021 | .146 | .074 | .021 | .140                            | .072 | .021 | .134 | .070 | .020 | .129 | .068 | .020 |   |
| 7.0  | .142                  | .070 | .020 | .139 | .069 | .020 | .134                            | .068 | .019 | .129 | .066 | .019 | .124 | .064 | .019 |   |
| 8.0  | .135                  | .066 | .019 | .133 | .065 | .018 | .128                            | .064 | .018 | .123 | .063 | .018 | .119 | .061 | .018 |   |
| 9.0  | .129                  | .063 | .017 | .127 | .062 | .017 | .123                            | .061 | .017 | .119 | .059 | .017 | .115 | .058 | .017 |   |
| 10.0 | .124                  | .059 | .016 | .122 | .059 | .016 | .118                            | .058 | .016 | .114 | .057 | .016 | .111 | .056 | .016 |   |

| pcc  | 80%                   |      |      | 70%  |      |      | 50%                                        |      |      | 30%  |      |      | 10%  |      |      | 0 |
|------|-----------------------|------|------|------|------|------|--------------------------------------------|------|------|------|------|------|------|------|------|---|
| pw   | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                                        | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| pfc  | 20%                   |      |      | 20%  |      |      | 20%                                        |      |      | 20%  |      |      | 20%  |      |      | 0 |
| RCR  | RCR:Room Cavity Ratio |      |      |      |      |      | Ceiling Cavity Exitance Coefficients(CCEC) |      |      |      |      |      |      |      |      |   |
| 0.0  | .190                  | .190 | .190 | .163 | .163 | .163 | .111                                       | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 |   |
| 1.0  | .172                  | .157 | .143 | .147 | .135 | .123 | .101                                       | .093 | .085 | .058 | .054 | .050 | .019 | .017 | .016 |   |
| 2.0  | .158                  | .132 | .111 | .135 | .114 | .096 | .093                                       | .079 | .067 | .053 | .046 | .039 | .017 | .015 | .013 |   |
| 3.0  | .146                  | .114 | .088 | .125 | .098 | .076 | .086                                       | .068 | .053 | .050 | .040 | .031 | .016 | .013 | .010 |   |
| 4.0  | .136                  | .099 | .071 | .117 | .086 | .062 | .080                                       | .060 | .043 | .046 | .035 | .026 | .015 | .011 | .008 |   |
| 5.0  | .128                  | .088 | .058 | .110 | .076 | .051 | .076                                       | .053 | .036 | .044 | .031 | .021 | .014 | .010 | .007 |   |
| 6.0  | .120                  | .078 | .048 | .103 | .068 | .042 | .071                                       | .048 | .030 | .041 | .028 | .018 | .013 | .009 | .006 |   |
| 7.0  | .114                  | .071 | .041 | .098 | .062 | .036 | .068                                       | .043 | .025 | .039 | .025 | .015 | .013 | .008 | .005 |   |
| 8.0  | .108                  | .065 | .035 | .093 | .056 | .031 | .064                                       | .040 | .022 | .038 | .023 | .013 | .012 | .008 | .004 |   |
| 9.0  | .103                  | .060 | .030 | .089 | .052 | .027 | .062                                       | .036 | .019 | .036 | .022 | .011 | .012 | .007 | .004 |   |
| 10.0 | .098                  | .055 | .027 | .085 | .048 | .023 | .059                                       | .034 | .017 | .034 | .020 | .010 | .011 | .007 | .003 |   |

Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:10-03-2025

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: PHONEIX 60 TRACK LIGHT                                         |     |                  |     |     | TYPE: 3000K CRI-90       |      |                | WEIGHT:     |     |     |      |
| SPECIFICATION: OSRAM 250 MA                                          |     |                  |     |     | DIMENSION: D-60 H-180 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                                                        |     | 7.1              | 8.1 | 7.3 | 8.3                      | 8.5  | 7.1            | 8.1         | 7.3 | 8.3 | 8.4  |
|                                                                      | 3H  | 7.3              | 8.2 | 7.5 | 8.4                      | 8.6  | 7.1            | 8.1         | 7.4 | 8.3 | 8.5  |
|                                                                      | 4H  | 7.5              | 8.4 | 7.8 | 8.6                      | 8.8  | 7.2            | 8.1         | 7.5 | 8.4 | 8.6  |
|                                                                      | 6H  | 7.8              | 8.7 | 8.1 | 8.9                      | 9.2  | 7.4            | 8.2         | 7.7 | 8.5 | 8.7  |
|                                                                      | 8H  | 8.1              | 8.9 | 8.4 | 9.1                      | 9.4  | 7.5            | 8.3         | 7.8 | 8.6 | 8.8  |
|                                                                      | 12H | 8.4              | 9.2 | 8.8 | 9.5                      | 9.7  | 7.7            | 8.4         | 8.0 | 8.7 | 9.0  |
| 4H                                                                   | 2H  | 7.0              | 7.8 | 7.2 | 8.1                      | 8.3  | 6.9            | 7.8         | 7.2 | 8.0 | 8.3  |
|                                                                      | 3H  | 7.2              | 8.0 | 7.5 | 8.2                      | 8.5  | 7.2            | 7.9         | 7.5 | 8.2 | 8.5  |
|                                                                      | 4H  | 7.5              | 8.2 | 7.9 | 8.5                      | 8.8  | 7.4            | 8.1         | 7.8 | 8.4 | 8.7  |
|                                                                      | 6H  | 8.1              | 8.7 | 8.4 | 9.0                      | 9.3  | 7.8            | 8.4         | 8.2 | 8.8 | 9.1  |
|                                                                      | 8H  | 8.4              | 9.0 | 8.8 | 9.4                      | 9.7  | 8.0            | 8.6         | 8.4 | 8.9 | 9.3  |
|                                                                      | 12H | 9.0              | 9.5 | 9.4 | 9.9                      | 10.2 | 8.3            | 8.8         | 8.7 | 9.2 | 9.6  |
| 8H                                                                   | 4H  | 7.6              | 8.2 | 8.0 | 8.5                      | 8.9  | 7.5            | 8.1         | 7.9 | 8.5 | 8.8  |
|                                                                      | 6H  | 8.2              | 8.7 | 8.7 | 9.1                      | 9.5  | 8.2            | 8.6         | 8.6 | 9.0 | 9.4  |
|                                                                      | 8H  | 8.7              | 9.2 | 9.2 | 9.6                      | 10.0 | 8.6            | 9.0         | 9.0 | 9.4 | 9.8  |
|                                                                      | 12H | 9.5              | 9.8 | 9.9 | 10.3                     | 10.7 | 9.1            | 9.4         | 9.5 | 9.9 | 10.3 |
| 12H                                                                  | 4H  | 7.6              | 8.1 | 8.0 | 8.5                      | 8.9  | 7.5            | 8.1         | 7.9 | 8.4 | 8.8  |
|                                                                      | 6H  | 8.3              | 8.7 | 8.8 | 9.2                      | 9.6  | 8.2            | 8.6         | 8.7 | 9.1 | 9.5  |
|                                                                      | 8H  | 8.9              | 9.2 | 9.3 | 9.7                      | 10.1 | 8.7            | 9.1         | 9.2 | 9.5 | 10.0 |
| Variations with the observer position at spacings:                   |     |                  |     |     |                          |      |                |             |     |     |      |
| S = 1.0H                                                             |     | + 1.9 / - 1.8    |     |     |                          |      | + 1.5 / - 1.9  |             |     |     |      |
| 1.5H                                                                 |     | + 3.6 / - 2.1    |     |     |                          |      | + 3.0 / - 2.1  |             |     |     |      |
| 2.0H                                                                 |     | + 2.9 / - 0.7    |     |     |                          |      | + 2.0 / - 0.9  |             |     |     |      |

CIE Pub.117 Corrected 988.8 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.0)

Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:10-03-2025

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: PHONEIX 60 TRACK LIGHT                                          | TYPE: 3000K CRI-90       | WEIGHT:     |
| SPECIFICATION: OSRAM 250 MA                                           | DIMENSION: D-60 H-180 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                         | 83                                                   | 76  | 72        | 83  | 76  | 72  | 82  | 76            | 72  | 68     |
| 0.80                             | 91                                                   | 85  | 81        | 91  | 84  | 80  | 89  | 84            | 80  | 76     |
| 1.00                             | 96                                                   | 90  | 86        | 96  | 90  | 86  | 94  | 90            | 85  | 81     |
| 1.25                             | 101                                                  | 95  | 91        | 100 | 94  | 91  | 98  | 93            | 90  | 85     |
| 1.50                             | 104                                                  | 99  | 95        | 103 | 98  | 94  | 100 | 96            | 93  | 88     |
| 2.00                             | 107                                                  | 102 | 99        | 106 | 101 | 98  | 103 | 99            | 96  | 91     |
| 2.50                             | 109                                                  | 105 | 101       | 107 | 103 | 100 | 104 | 101           | 98  | 92     |
| 3.00                             | 111                                                  | 107 | 104       | 109 | 105 | 103 | 105 | 103           | 100 | 94     |
| 4.00                             | 113                                                  | 110 | 107       | 111 | 108 | 106 | 107 | 105           | 103 | 96     |
| 5.00                             | 114                                                  | 112 | 109       | 112 | 110 | 108 | 108 | 106           | 105 | 97     |
| ROOM INDEX                       | UF (total)                                           |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |                                                      |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

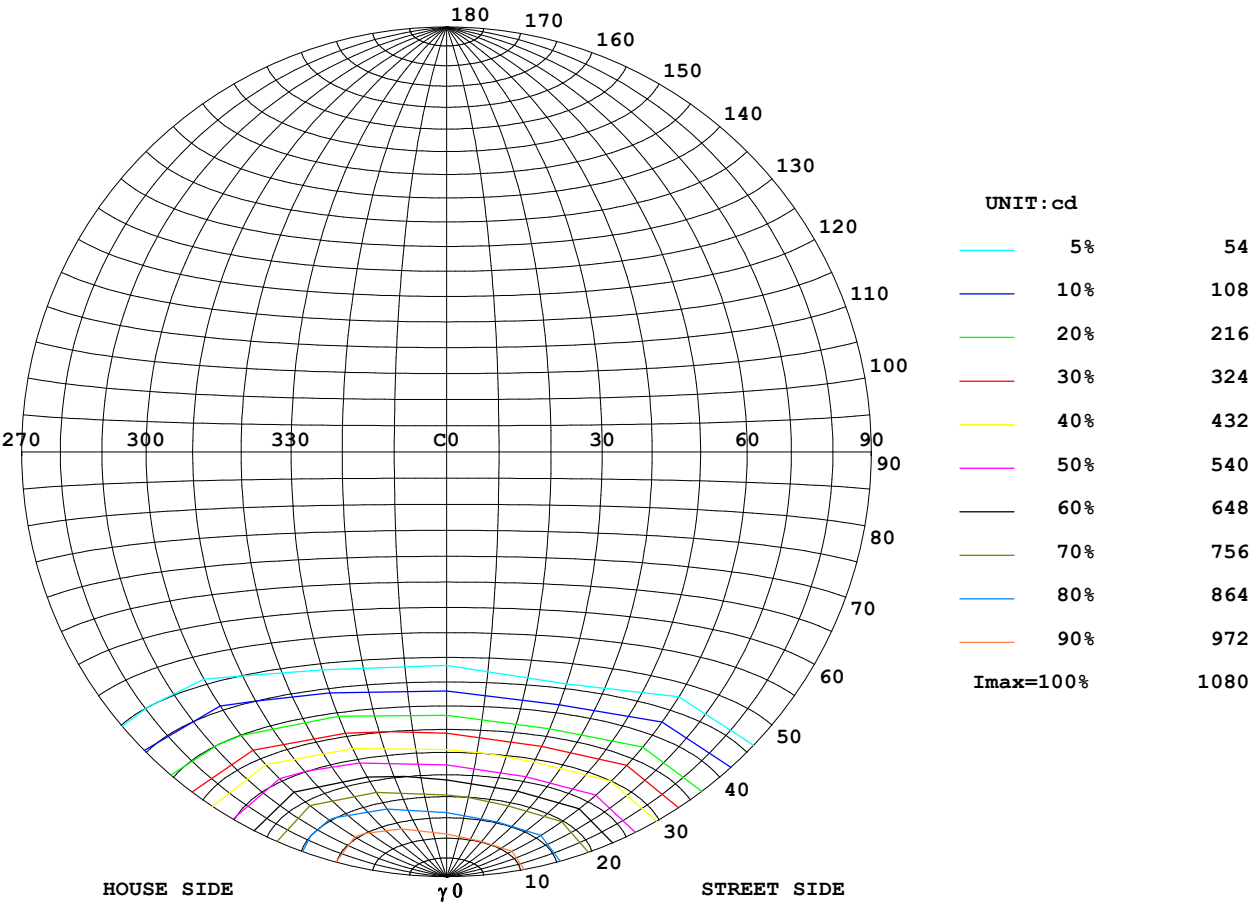
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 10-03-2025

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: PHONEIX 60 TRACK LIGHT                                         | TYPE: 3000K CRI-90       | WEIGHT:     |
| SPECIFICATION: OSRAM 250 MA                                          | DIMENSION: D-60 H-180 MM | SERIAL No.: |



Test System:HOP00 HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:10-03-2025

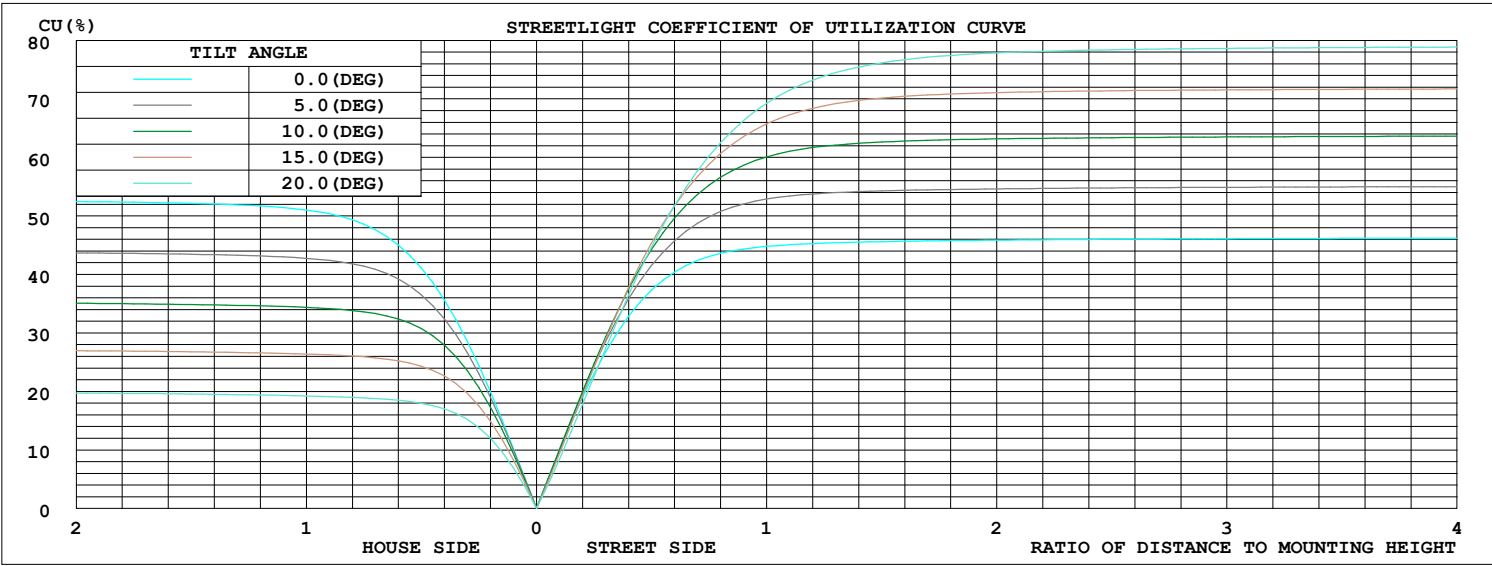
Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:8.500 m  
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

|                                                                      |                          |             |
|----------------------------------------------------------------------|--------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                          |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                          |             |
| NAME: PHONEIX 60 TRACK LIGHT                                         | TYPE: 3000K CRI-90       | WEIGHT:     |
| SPECIFICATION: OSRAM 250 MA                                          | DIMENSION: D-60 H-180 MM | SERIAL No.: |

ILLUMINANCE AT MH=10 m,Enadir = 10.79 lx



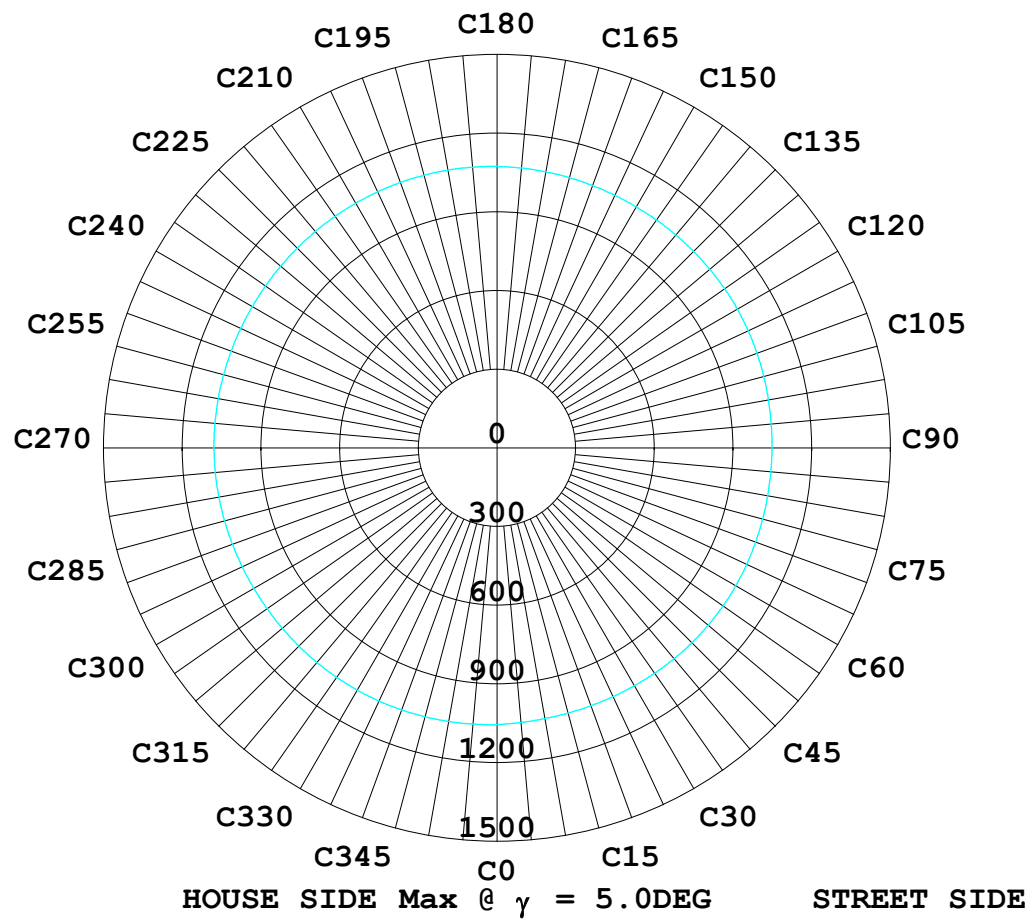
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:10-03-2025

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: PHONEIX 60 TRACK LIGHT                                         | TYPE: 3000K CRI-90       | WEIGHT:     |
| SPECIFICATION: OSRAM 250 MA                                          | DIMENSION: D-60 H-180 MM | SERIAL No.: |



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:10-03-2025

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: PHONEIX 60 TRACK LIGHT                                         | TYPE: 3000K CRI-90       | WEIGHT:     |
| SPECIFICATION: OSRAM 250 MA                                          | DIMENSION: D-60 H-180 MM | SERIAL No.: |

UNIT: cd

| C (DEG)<br>γ (DEG) | 0    | 30   | 60   | 90   | 120  | 150  | 180  | 210  | 240  | 270  | 300  | 330  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.0                | 1079 | 1075 | 1076 | 1075 | 1077 | 1076 | 1079 | 1075 | 1076 | 1075 | 1077 | 1076 |
| 5.0                | 1055 | 1047 | 1051 | 1048 | 1059 | 1061 | 1073 | 1078 | 1078 | 1080 | 1071 | 1067 |
| 10.0               | 992  | 974  | 986  | 982  | 998  | 998  | 1024 | 1043 | 1046 | 1047 | 1026 | 1013 |
| 15.0               | 894  | 871  | 887  | 878  | 906  | 906  | 940  | 967  | 971  | 980  | 946  | 931  |
| 20.0               | 766  | 734  | 750  | 743  | 782  | 786  | 823  | 857  | 859  | 870  | 826  | 811  |
| 25.0               | 611  | 575  | 593  | 586  | 633  | 641  | 685  | 718  | 711  | 728  | 680  | 667  |
| 30.0               | 450  | 411  | 430  | 420  | 467  | 481  | 530  | 564  | 545  | 557  | 511  | 506  |
| 35.0               | 297  | 256  | 280  | 265  | 315  | 325  | 369  | 405  | 379  | 388  | 344  | 345  |
| 40.0               | 161  | 132  | 151  | 140  | 178  | 179  | 218  | 257  | 227  | 212  | 195  | 199  |
| 45.0               | 75.8 | 59.3 | 70.3 | 61.9 | 82.9 | 81.1 | 106  | 131  | 112  | 117  | 88.1 | 93.3 |
| 50.0               | 43.0 | 30.3 | 38.5 | 31.4 | 45.8 | 40.0 | 49.7 | 64.1 | 51.0 | 59.0 | 42.2 | 48.3 |
| 55.0               | 23.4 | 15.2 | 21.4 | 14.5 | 23.4 | 18.2 | 24.4 | 35.1 | 25.7 | 32.1 | 20.3 | 25.9 |
| 60.0               | 15.8 | 9.75 | 14.6 | 9.39 | 15.5 | 10.8 | 13.7 | 19.9 | 13.5 | 19.2 | 11.8 | 16.7 |
| 65.0               | 12.7 | 8.01 | 12.0 | 7.73 | 12.4 | 8.09 | 9.82 | 13.8 | 8.95 | 13.6 | 8.38 | 12.7 |
| 70.0               | 10.9 | 7.08 | 10.4 | 6.71 | 10.5 | 6.93 | 8.38 | 11.4 | 7.36 | 11.4 | 7.08 | 10.8 |
| 75.0               | 9.53 | 6.28 | 9.17 | 5.99 | 9.24 | 6.06 | 7.65 | 9.82 | 6.43 | 9.82 | 6.28 | 9.39 |
| 80.0               | 8.30 | 5.41 | 7.87 | 5.20 | 8.09 | 5.49 | 7.00 | 8.59 | 5.78 | 8.59 | 5.56 | 8.23 |
| 85.0               | 7.08 | 4.69 | 6.64 | 4.33 | 6.71 | 4.55 | 6.14 | 7.22 | 4.69 | 7.00 | 4.47 | 6.86 |
| 90.0               | 6.14 | 4.62 | 5.85 | 4.19 | 5.70 | 4.11 | 6.21 | 5.85 | 4.11 | 5.63 | 3.97 | 5.63 |

Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:10-03-2025

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