

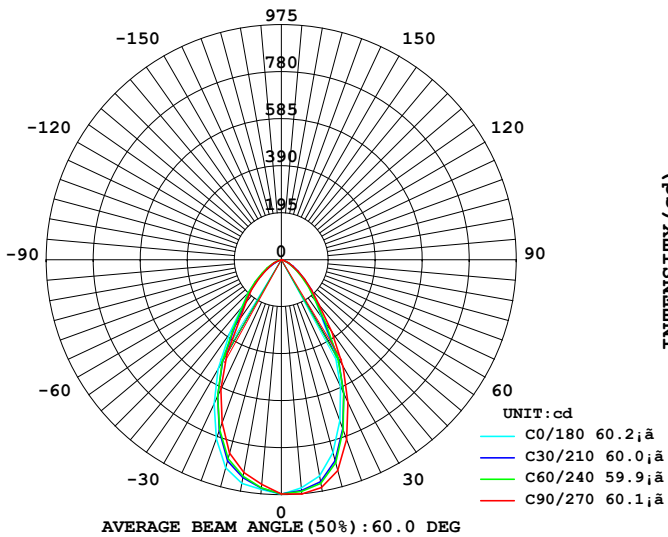
## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

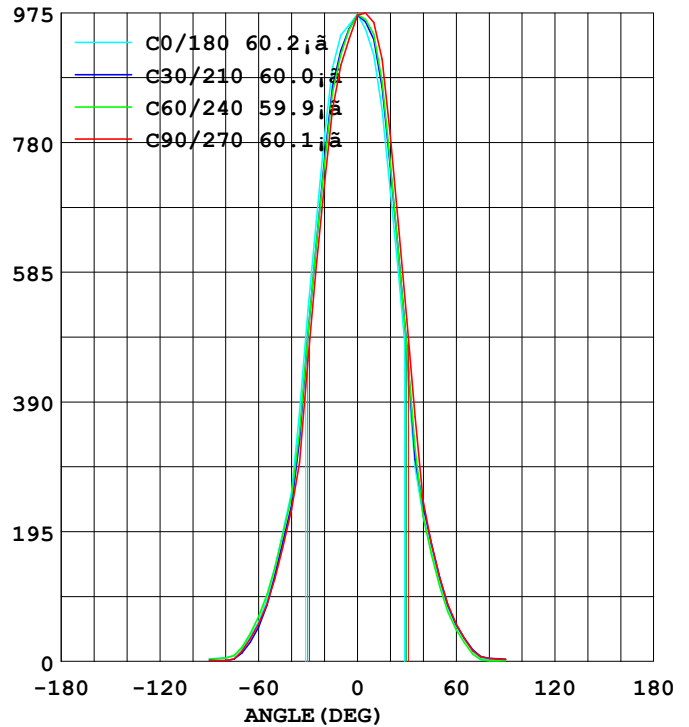
|                                                                      |                                     |             |
|----------------------------------------------------------------------|-------------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                                     |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                                     |             |
| NAME: TRION DUO                                                      | TYPE: 5700K CRI-90                  | WEIGHT:     |
| SPECIFICATION:                                                       | DIMENSION: D-182 CUTOUT-158 H-86 MM | SERIAL No.: |

|                   |           |                     |        |                   |       |
|-------------------|-----------|---------------------|--------|-------------------|-------|
| DATA OF LAMP      |           | Imax (cd)           | 975.2  | S/MH (C0/180)     | 0.94  |
| MODEL             | TRION DUO | EFFICIENCY (%)      | 100.0  | S/MH (C90/270)    | 0.87  |
| NOMINAL POWER (W) | 15        | TOTAL FLUX (lm)     | 1091.4 | Voltage (V)       | 219.6 |
| RATED VOLTAGE (V) | 220       | EFFICIENCY (lm/W)   | 73.7   | Current (A)       | 0.070 |
| NOMINAL FLUX (lm) | 1091.4    | $\eta$ up (%)       | 0.0    | Power (W)         | 14.80 |
| LAMPS QUANTITY    | 1         | $\eta$ down (%)     | 100.0  | Power Factor (PF) | 0.952 |
| TEST VOLTAGE (V)  | 219.7     | Effective Flux (lm) | 1006.5 | EEI               | 0.192 |

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System: HOPOO HPG1800  
Temperature: 25.3 DEG  
Operators:  
Test Date: 09-16-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)  
Humidity: 65.0%  
Test Distance: 10.100 m  
Remarks: 5700K

Color Temperature Data List

Report number:

|                                                                      |                                     |             |
|----------------------------------------------------------------------|-------------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                                     |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                                     |             |
| NAME: TRION DUO                                                      | TYPE: 5700K CRI-90                  | WEIGHT:     |
| SPECIFICATION:                                                       | DIMENSION: D-182 CUTOUT-158 H-86 MM | SERIAL No.: |

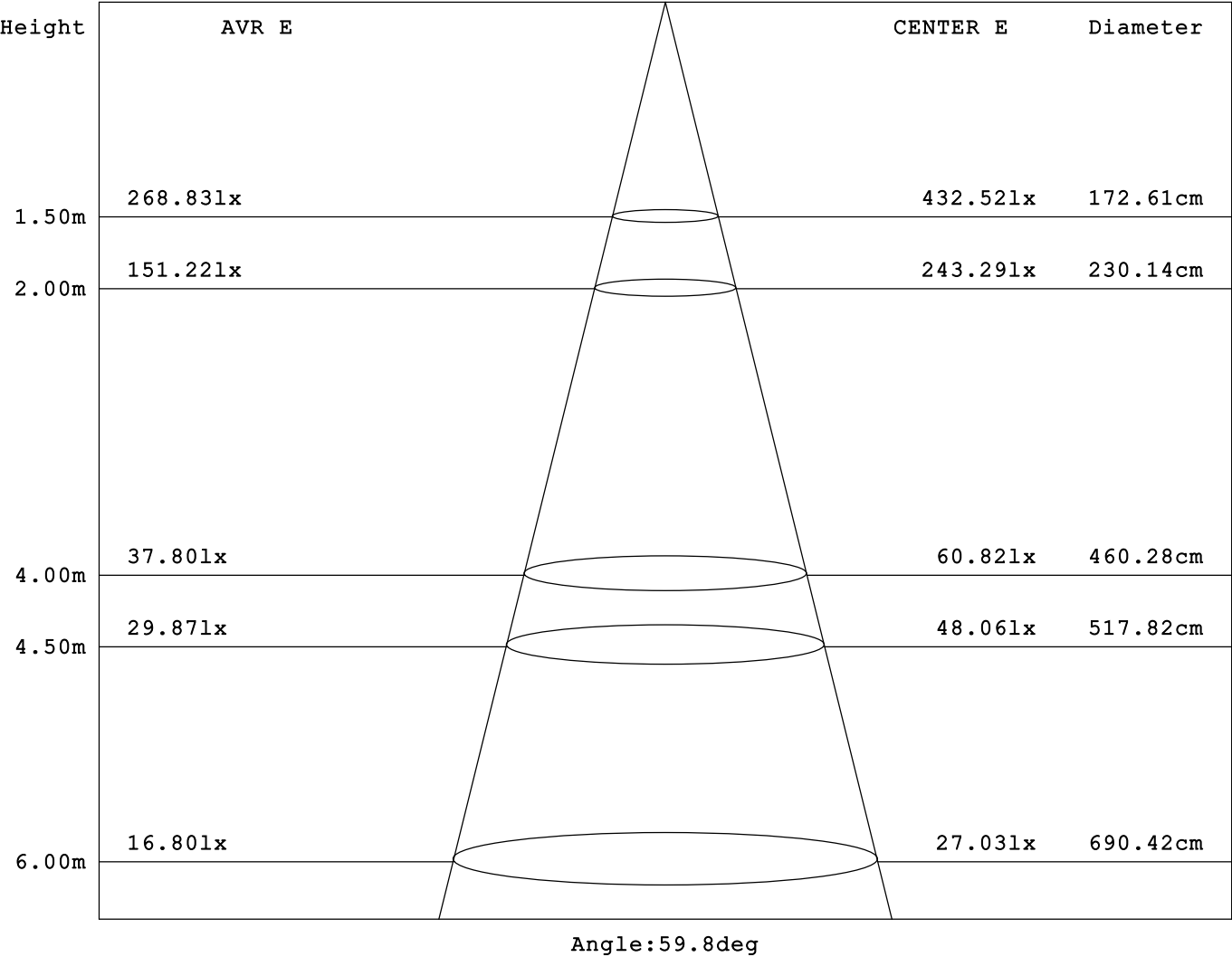
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:09-16-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:10.100 m  
Remarks: 5700K

AVERAGE AND CENTER E Figure

Report number:

|                                                                      |                                     |             |
|----------------------------------------------------------------------|-------------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                                     |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                                     |             |
| NAME: TRION DUO                                                      | TYPE: 5700K CRI-90                  | WEIGHT:     |
| SPECIFICATION:                                                       | DIMENSION: D-182 CUTOUT-158 H-86 MM | SERIAL No.: |



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:09-16-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:10.100 m  
Remarks: 5700K

ZONAL FLUX DIAGRAM

Report number:

|                                                                      |                                     |             |
|----------------------------------------------------------------------|-------------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                                     |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                                     |             |
| NAME: TRION DUO                                                      | TYPE: 5700K CRI-90                  | WEIGHT:     |
| SPECIFICATION:                                                       | DIMENSION: D-182 CUTOUT-158 H-86 MM | SERIAL No.: |

| γ     | C0                    | C45   | C90   | C135  | C180  | C225  | C270  | C315  | γ       | Zone    | total |
|-------|-----------------------|-------|-------|-------|-------|-------|-------|-------|---------|---------|-------|
| 10.0  | 941.9                 | 915.6 | 896.7 | 897.2 | 911.4 | 938.9 | 960.3 | 955.4 | 0- 10   | 90.35   | 90.35 |
| 20.0  | 790.7                 | 752.1 | 718.9 | 704.5 | 710.0 | 748.6 | 793.1 | 807.3 | 10- 20  | 239.5   | 329.9 |
| 30.0  | 526.9                 | 490.8 | 452.0 | 440.6 | 444.1 | 473.3 | 514.3 | 530.6 | 20- 30  | 284.4   | 614.3 |
| 40.0  | 254.7                 | 241.5 | 228.9 | 225.9 | 219.4 | 225.5 | 241.7 | 247.3 | 30- 40  | 214.4   | 828.8 |
| 50.0  | 140.7                 | 135.6 | 124.6 | 124.0 | 119.5 | 119.0 | 125.6 | 129.1 | 40- 50  | 138.3   | 967.1 |
| 60.0  | 59.57                 | 59.52 | 56.51 | 55.28 | 53.35 | 51.61 | 56.41 | 53.30 | 50- 60  | 78.93   | 1046  |
| 70.0  | 19.38                 | 17.29 | 15.81 | 16.42 | 15.19 | 14.07 | 16.32 | 14.58 | 60- 70  | 34.34   | 1080  |
| 80.0  | 5.304                 | 3.315 | 1.326 | 3.111 | 2.550 | 2.703 | 4.488 | 2.652 | 70- 80  | 7.950   | 1088  |
| 90.0  | 4.182                 | 2.856 | 1.632 | 2.703 | 3.672 | 2.142 | 3.162 | 2.142 | 80- 90  | 3.060   | 1091  |
| 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:09-16-2025

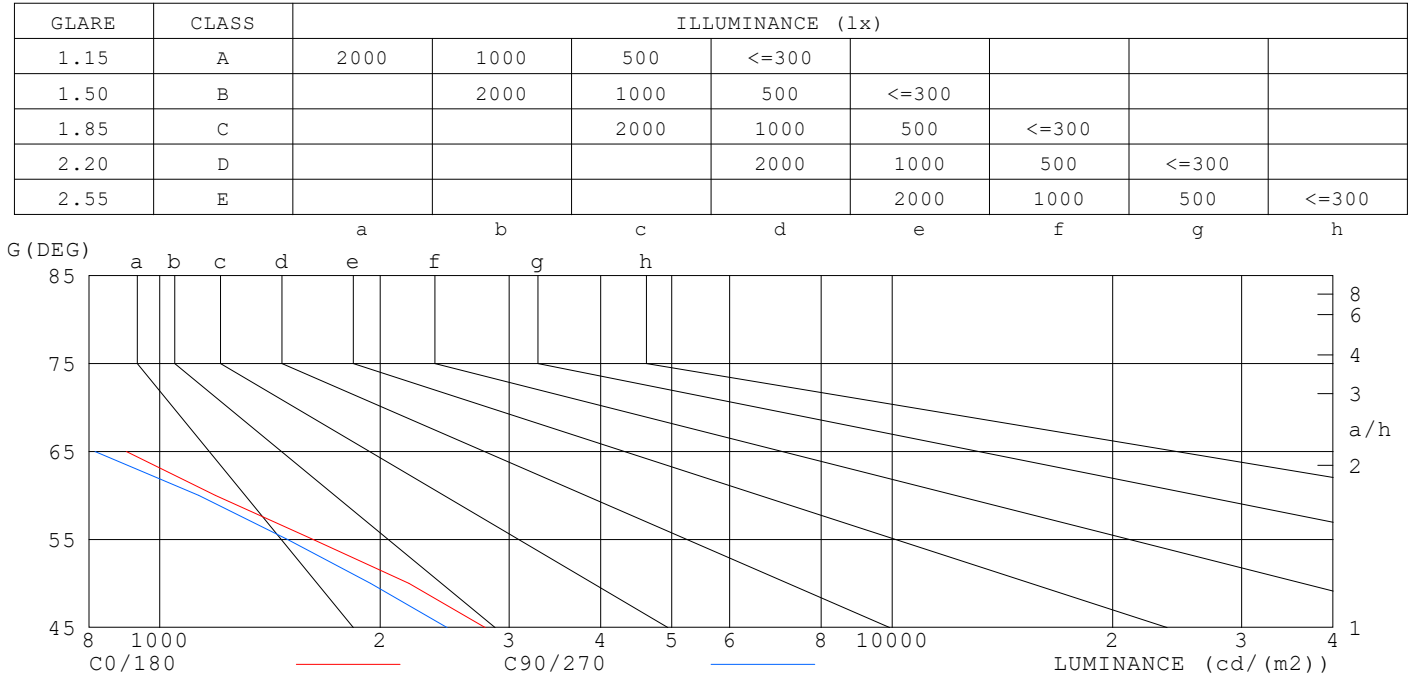
Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:10.100 m  
Remarks: 5700K

LUMINANCE LIMITATION CURVES

Report number:

|                                                                      |                                     |             |
|----------------------------------------------------------------------|-------------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                                     |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                                     |             |
| NAME: TRION DUO                                                      | TYPE: 5700K CRI-90                  | WEIGHT:     |
| SPECIFICATION:                                                       | DIMENSION: D-182 CUTOUT-158 H-86 MM | SERIAL No.: |

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

| G (DEG) | C0/180 | C90/270 |
|---------|--------|---------|
| 85      | 538    | 129     |
| 80      | 305    | 76      |
| 75      | 319    | 142     |
| 70      | 567    | 462     |
| 65      | 900    | 816     |
| 60      | 1191   | 1130    |
| 55      | 1620   | 1496    |
| 50      | 2190   | 1939    |
| 45      | 2783   | 2468    |

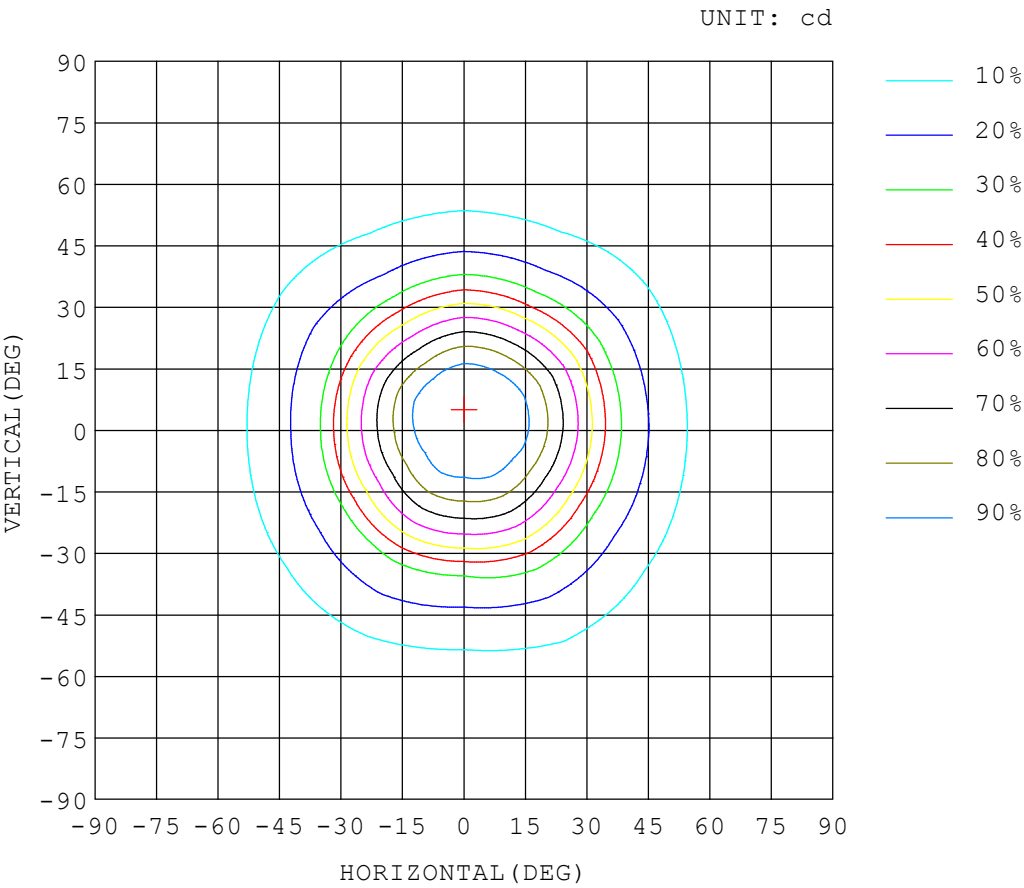
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:09-16-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:10.100 m  
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

|                                                                      |                                     |             |
|----------------------------------------------------------------------|-------------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                                     |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                                     |             |
| NAME: TRION DUO                                                      | TYPE: 5700K CRI-90                  | WEIGHT:     |
| SPECIFICATION:                                                       | DIMENSION: D-182 CUTOUT-158 H-86 MM | SERIAL No.: |



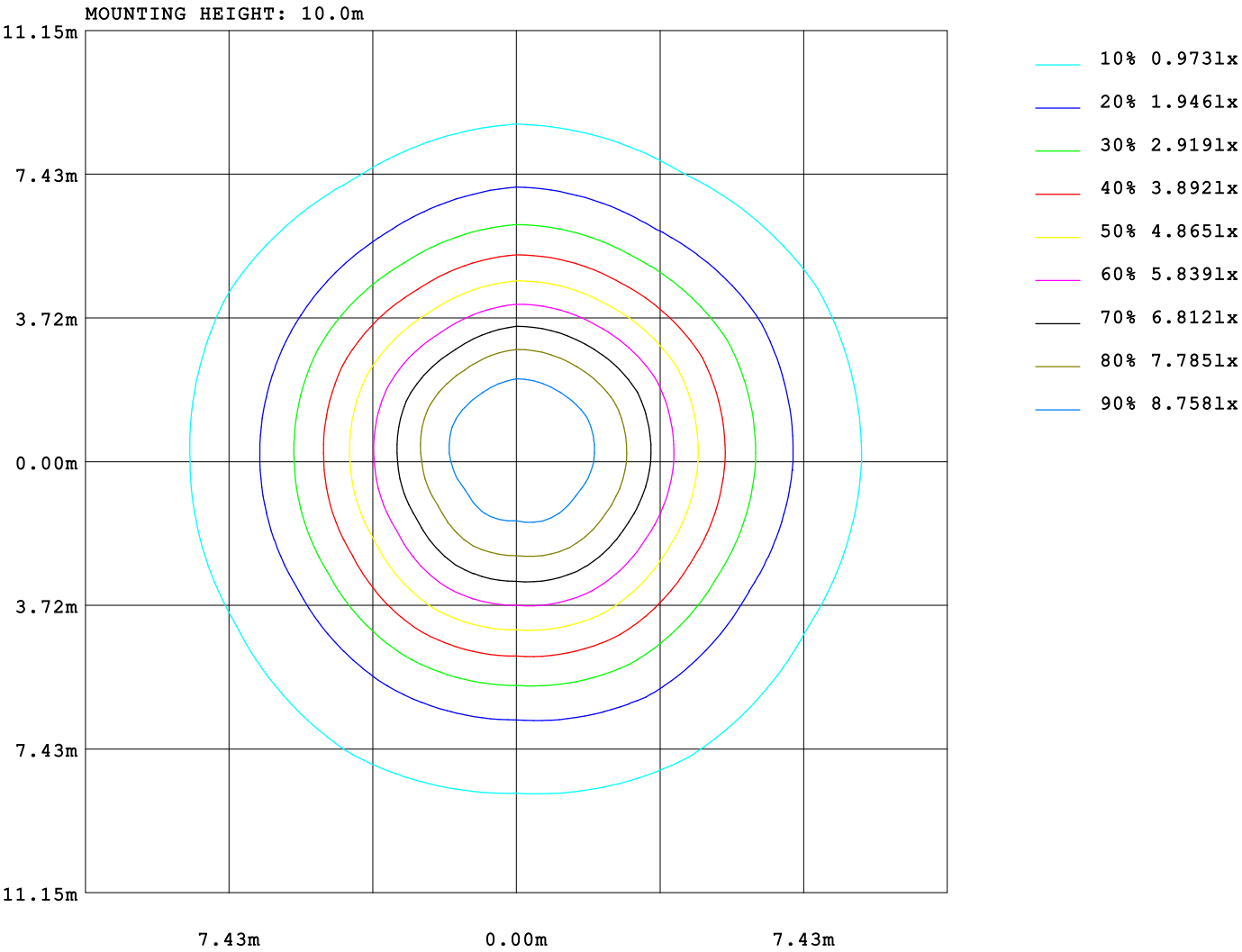
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:09-16-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:10.100 m  
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

|                                                                      |                                     |             |
|----------------------------------------------------------------------|-------------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                                     |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                                     |             |
| NAME: TRION DUO                                                      | TYPE: 5700K CRI-90                  | WEIGHT:     |
| SPECIFICATION:                                                       | DIMENSION: D-182 CUTOUT-158 H-86 MM | SERIAL No.: |



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:09-16-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:10.100 m  
Remarks: 5700K

AREA LUMINOUS FLUX

Report number:

|                                                                      |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |             |  |  |  |  |
|----------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|-------------------------------------|--|--|--|--|-------------|--|--|--|--|
| MANUFACTURER: DIVINITY LIGHTS                                        |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |             |  |  |  |  |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |  |  |  |  |  |  |  |  |  |                                     |  |  |  |  |             |  |  |  |  |
| NAME: TRION DUO                                                      |  |  |  |  |  |  |  |  |  | TYPE: 5700K CRI-90                  |  |  |  |  | WEIGHT:     |  |  |  |  |
| SPECIFICATION:                                                       |  |  |  |  |  |  |  |  |  | DIMENSION: D-182 CUTOUT-158 H-86 MM |  |  |  |  | SERIAL No.: |  |  |  |  |

| VERTICAL (DEG) | AREA FLUX DIAGRAM |      |      |      |      |      |      |      |                  |      |      |      |      |      |      |      |      |      | UNIT:lm |      | Φ t | Φ a |
|----------------|-------------------|------|------|------|------|------|------|------|------------------|------|------|------|------|------|------|------|------|------|---------|------|-----|-----|
|                | 0.01              | 0.03 | 0.04 | 0.05 | 0.05 | 0.03 | 0.04 | 0.07 | 0.10             | 0.10 | 0.07 | 0.04 | 0.03 | 0.05 | 0.05 | 0.05 | 0.03 | 0.01 | 0.85    | 0.00 |     |     |
| 90             | 0.01              | 0.03 | 0.05 | 0.07 | 0.07 | 0.06 | 0.09 | 0.17 | 0.24             | 0.23 | 0.16 | 0.09 | 0.06 | 0.07 | 0.07 | 0.05 | 0.03 | 0.01 | 1.56    | 0.00 |     |     |
| 80             | 0.01              | 0.03 | 0.06 | 0.12 | 0.22 | 0.37 | 0.57 | 0.83 | 1.01             | 1.00 | 0.80 | 0.53 | 0.36 | 0.23 | 0.12 | 0.07 | 0.04 | 0.01 | 6.36    | 0.00 |     |     |
| 70             | 0.01              | 0.03 | 0.09 | 0.29 | 0.63 | 1.07 | 1.56 | 2.13 | 2.57             | 2.58 | 2.15 | 1.55 | 1.07 | 0.66 | 0.31 | 0.10 | 0.04 | 0.01 | 16.8    | 2.70 |     |     |
| 60             | 0.01              | 0.03 | 0.15 | 0.55 | 1.20 | 2.10 | 3.16 | 4.32 | 5.23             | 5.30 | 4.49 | 3.34 | 2.24 | 1.28 | 0.61 | 0.18 | 0.05 | 0.01 | 34.3    | 26.3 |     |     |
| 50             | 0.01              | 0.04 | 0.25 | 0.84 | 1.93 | 3.58 | 5.54 | 8.06 | 10.6             | 10.8 | 8.64 | 6.04 | 3.92 | 2.11 | 0.92 | 0.29 | 0.05 | 0.01 | 63.7    | 59.1 |     |     |
| 40             | 0.01              | 0.05 | 0.34 | 1.11 | 2.70 | 5.22 | 9.15 | 14.6 | 18.8             | 19.3 | 15.9 | 10.7 | 5.92 | 3.03 | 1.23 | 0.39 | 0.07 | 0.01 | 109     | 105  |     |     |
| 30             | 0.01              | 0.05 | 0.41 | 1.34 | 3.30 | 6.65 | 13.6 | 20.9 | 25.8             | 26.4 | 22.6 | 15.7 | 8.09 | 3.79 | 1.51 | 0.47 | 0.08 | 0.01 | 151     | 148  |     |     |
|                | 0.01              | 0.06 | 0.45 | 1.47 | 3.60 | 7.68 | 15.9 | 24.0 | 28.6             | 29.0 | 25.7 | 18.0 | 9.44 | 4.21 | 1.68 | 0.51 | 0.09 | 0.01 | 171     | 168  |     |     |
|                | 0.01              | 0.06 | 0.44 | 1.46 | 3.55 | 7.52 | 15.4 | 23.1 | 27.7             | 28.1 | 24.8 | 17.4 | 9.13 | 4.15 | 1.66 | 0.50 | 0.08 | 0.01 | 165     | 163  |     |     |
|                | 0.01              | 0.05 | 0.40 | 1.31 | 3.17 | 6.27 | 12.5 | 19.7 | 24.2             | 24.7 | 21.1 | 14.2 | 7.35 | 3.65 | 1.46 | 0.44 | 0.07 | 0.01 | 141     | 138  |     |     |
|                | 0.01              | 0.04 | 0.32 | 1.07 | 2.54 | 4.89 | 8.56 | 13.9 | 17.3             | 17.7 | 15.0 | 9.77 | 5.43 | 2.85 | 1.15 | 0.35 | 0.06 | 0.01 | 101     | 97.8 |     |     |
| -30            | 0.01              | 0.03 | 0.22 | 0.79 | 1.82 | 3.55 | 5.75 | 7.90 | 9.44             | 9.73 | 8.54 | 6.18 | 3.89 | 1.96 | 0.81 | 0.24 | 0.05 | 0.01 | 60.9    | 56.4 |     |     |
| -40            | 0.01              | 0.02 | 0.12 | 0.49 | 1.17 | 2.23 | 3.59 | 4.73 | 5.29             | 5.36 | 4.93 | 3.87 | 2.43 | 1.21 | 0.48 | 0.14 | 0.04 | 0.01 | 36.1    | 29.6 |     |     |
| -50            | 0.01              | 0.02 | 0.05 | 0.22 | 0.64 | 1.21 | 1.86 | 2.38 | 2.65             | 2.71 | 2.55 | 2.08 | 1.31 | 0.65 | 0.23 | 0.07 | 0.03 | 0.01 | 18.7    | 4.61 |     |     |
| -60            | 0.01              | 0.02 | 0.02 | 0.07 | 0.23 | 0.50 | 0.79 | 0.98 | 1.07             | 1.09 | 1.04 | 0.87 | 0.54 | 0.24 | 0.08 | 0.03 | 0.03 | 0.01 | 7.63    | 0.00 |     |     |
| -70            | 0.01              | 0.02 | 0.02 | 0.03 | 0.08 | 0.15 | 0.21 | 0.22 | 0.20             | 0.21 | 0.23 | 0.22 | 0.16 | 0.08 | 0.04 | 0.03 | 0.02 | 0.01 | 1.92    | 0.00 |     |     |
| -80            | 0.01              | 0.02 | 0.02 | 0.03 | 0.06 | 0.09 | 0.10 | 0.08 | 0.05             | 0.06 | 0.08 | 0.11 | 0.09 | 0.06 | 0.04 | 0.03 | 0.02 | 0.01 | 0.97    | 0.00 |     |     |
| -90            |                   |      |      |      |      |      |      |      |                  |      |      |      |      |      |      |      |      |      |         |      |     |     |
|                | -90               | -80  | -70  | -60  | -50  | -40  | -30  | -20  | HORIZONTAL (DEG) |      |      |      | 20   | 30   | 40   | 50   | 60   | 70   | 80      | 90   |     |     |
| Φ t            | 0.14              | 0.60 | 3.44 | 11.3 | 27.0 | 53.2 | 98.5 | 148  | 181              | 185  | 159  | 111  | 61.5 | 30.3 | 12.4 | 3.92 | 0.87 | 0.21 | 1091    |      |     |     |
| Φ a            | 0.00              | 0.00 | 0.00 | 1.69 | 19.6 | 46.9 | 92.5 | 143  | 175              | 179  | 153  | 105  | 55.4 | 23.5 | 3.13 | 0.00 | 0.00 | 0.00 |         | 1007 |     |     |

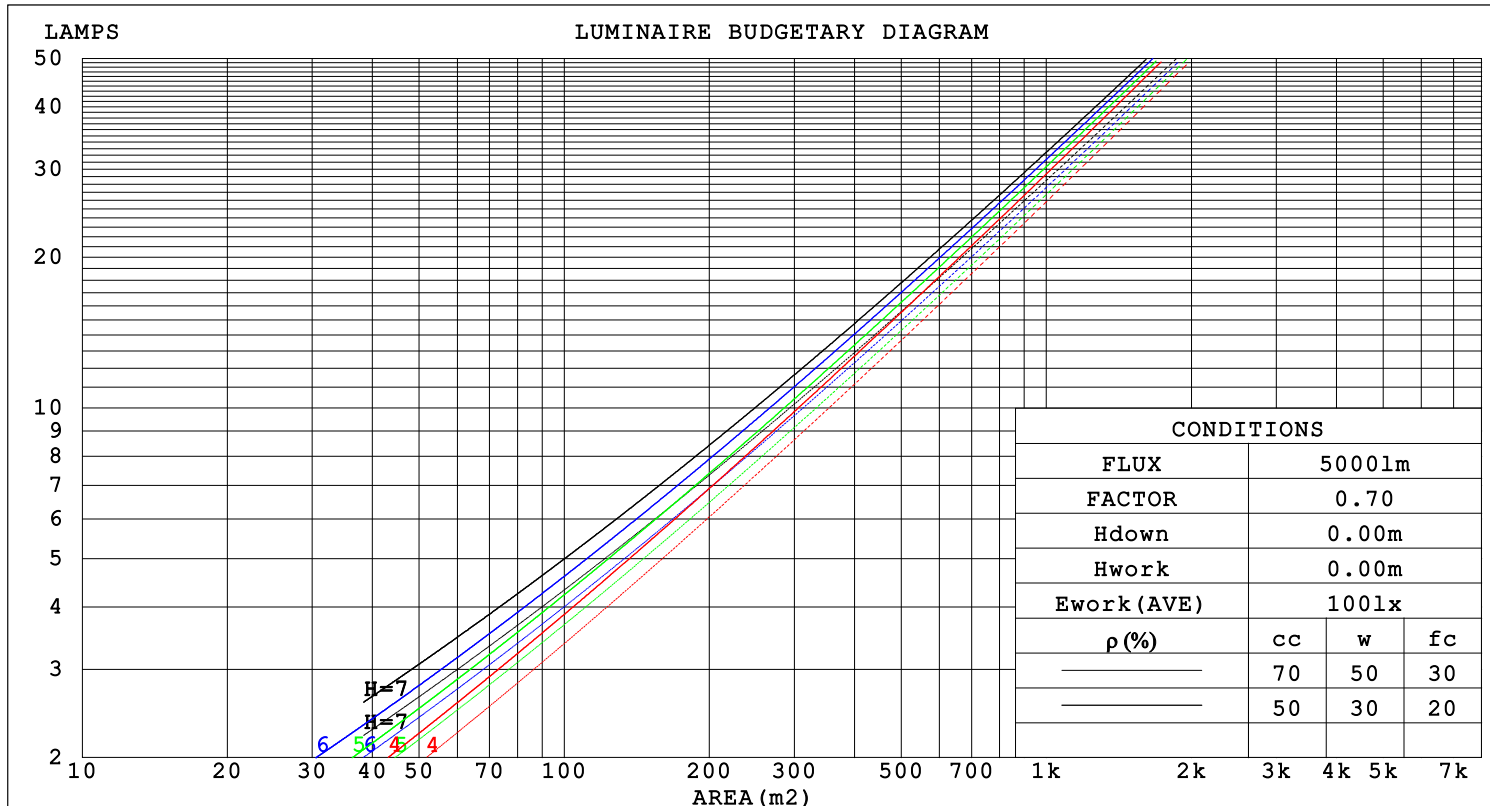
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:09-16-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:10.100 m  
Remarks: 5700K



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             | 1.09                  | 1.06 | 1.04 | 1.07 | 1.04 | 1.02 | 1.03 | 1.01 | .99  | .99  | .97  | .96  | .96  | .94  | .93  | .91                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2.0             | .00                   | .95  | .91  | .98  | .94  | .90  | .95  | .91  | .88  | .92  | .89  | .86  | .89  | .86  | .84  | .82                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3.0             | .91                   | .86  | .81  | .90  | .85  | .80  | .87  | .83  | .79  | .85  | .81  | .78  | .82  | .79  | .76  | .75                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4.0             | .84                   | .78  | .73  | .83  | .77  | .72  | .81  | .76  | .71  | .79  | .74  | .71  | .77  | .73  | .70  | .68                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5.0             | .78                   | .71  | .66  | .77  | .70  | .66  | .75  | .69  | .65  | .73  | .68  | .64  | .71  | .67  | .64  | .62                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6.0             | .72                   | .65  | .60  | .71  | .65  | .60  | .70  | .64  | .60  | .68  | .63  | .59  | .67  | .62  | .59  | .57                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7.0             | .67                   | .60  | .55  | .66  | .60  | .55  | .65  | .59  | .55  | .64  | .58  | .55  | .62  | .58  | .54  | .53                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8.0             | .63                   | .56  | .51  | .62  | .55  | .51  | .61  | .55  | .51  | .60  | .54  | .51  | .59  | .54  | .50  | .49                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9.0             | .59                   | .52  | .47  | .58  | .52  | .47  | .57  | .51  | .47  | .56  | .51  | .47  | .55  | .50  | .47  | .45                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10.0            | .55                   | .49  | .44  | .55  | .48  | .44  | .54  | .48  | .44  | .53  | .48  | .44  | .52  | .47  | .44  | .42                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:10.100 m  
Remarks: 5700K

## WEC AND CCEC

Report number:

|                                                                      |  |  |  |  |                                     |  |  |  |  |             |  |  |  |  |
|----------------------------------------------------------------------|--|--|--|--|-------------------------------------|--|--|--|--|-------------|--|--|--|--|
| MANUFACTURER: DIVINITY LIGHTS                                        |  |  |  |  |                                     |  |  |  |  |             |  |  |  |  |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |  |  |  |  |                                     |  |  |  |  |             |  |  |  |  |
| NAME: TRION DUO                                                      |  |  |  |  | TYPE: 5700K CRI-90                  |  |  |  |  | WEIGHT:     |  |  |  |  |
| SPECIFICATION:                                                       |  |  |  |  | DIMENSION: D-182 CUTOUT-158 H-86 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  | .209                  | .119 | .038 | .202 | .115 | .037 | .189                            | .109 | .035 | .178 | .103 | .033 | .167 | .097 | .031 |   |
| 2.0  | .202                  | .111 | .034 | .196 | .108 | .033 | .185                            | .103 | .032 | .175 | .098 | .031 | .166 | .094 | .030 |   |
| 3.0  | .192                  | .102 | .031 | .187 | .100 | .030 | .178                            | .096 | .029 | .169 | .093 | .028 | .161 | .089 | .028 |   |
| 4.0  | .182                  | .095 | .028 | .178 | .093 | .028 | .170                            | .090 | .027 | .162 | .087 | .026 | .155 | .084 | .026 |   |
| 5.0  | .173                  | .088 | .025 | .169 | .087 | .025 | .162                            | .084 | .025 | .155 | .082 | .024 | .149 | .079 | .024 |   |
| 6.0  | .163                  | .082 | .023 | .160 | .081 | .023 | .154                            | .079 | .023 | .148 | .077 | .023 | .142 | .075 | .022 |   |
| 7.0  | .155                  | .077 | .022 | .152 | .076 | .022 | .146                            | .074 | .021 | .141 | .072 | .021 | .136 | .071 | .021 |   |
| 8.0  | .147                  | .072 | .020 | .145 | .071 | .020 | .140                            | .070 | .020 | .135 | .068 | .020 | .130 | .067 | .019 |   |
| 9.0  | .140                  | .068 | .019 | .138 | .067 | .019 | .133                            | .066 | .019 | .129 | .065 | .018 | .125 | .063 | .018 |   |
| 10.0 | .134                  | .064 | .018 | .131 | .063 | .018 | .127                            | .062 | .018 | .123 | .061 | .017 | .120 | .060 | .017 |   |

| 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  | .173                  | .157 | .142 | .148 | .135 | .123 | .101                                       | .093 | .085 | .058 | .054 | .049 | .019 | .017 | .016 |   |
| 2.0  | .160                  | .132 | .109 | .137 | .114 | .094 | .094                                       | .079 | .066 | .054 | .046 | .038 | .017 | .015 | .013 |   |
| 3.0  | .150                  | .114 | .085 | .128 | .098 | .074 | .088                                       | .068 | .052 | .051 | .040 | .031 | .016 | .013 | .010 |   |
| 4.0  | .140                  | .099 | .068 | .120 | .086 | .059 | .083                                       | .060 | .042 | .048 | .035 | .025 | .015 | .011 | .008 |   |
| 5.0  | .132                  | .088 | .056 | .114 | .076 | .049 | .078                                       | .053 | .034 | .045 | .031 | .020 | .015 | .010 | .007 |   |
| 6.0  | .125                  | .079 | .046 | .108 | .069 | .040 | .074                                       | .048 | .029 | .043 | .028 | .017 | .014 | .009 | .006 |   |
| 7.0  | .119                  | .072 | .039 | .102 | .062 | .034 | .071                                       | .044 | .024 | .041 | .026 | .014 | .013 | .008 | .005 |   |
| 8.0  | .113                  | .066 | .034 | .097 | .057 | .029 | .067                                       | .040 | .021 | .039 | .024 | .012 | .013 | .008 | .004 |   |
| 9.0  | .108                  | .061 | .029 | .093 | .053 | .025 | .064                                       | .037 | .018 | .037 | .022 | .011 | .012 | .007 | .004 |   |
| 10.0 | .103                  | .057 | .026 | .089 | .049 | .022 | .062                                       | .035 | .016 | .036 | .020 | .010 | .012 | .007 | .003 |   |

Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:09-16-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:10.100 m  
Remarks: 5700K

Uncorrected UGR Table

Report number:

|                                                                      |        |                  |      |      |                                     |      |                |             |      |      |      |
|----------------------------------------------------------------------|--------|------------------|------|------|-------------------------------------|------|----------------|-------------|------|------|------|
| MANUFACTURER: DIVINITY LIGHTS                                        |        |                  |      |      |                                     |      |                |             |      |      |      |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |        |                  |      |      |                                     |      |                |             |      |      |      |
| NAME: TRION DUO                                                      |        |                  |      |      | TYPE: 5700K CRI-90                  |      |                | WEIGHT:     |      |      |      |
| SPECIFICATION:                                                       |        |                  |      |      | DIMENSION: D-182 CUTOUT-158 H-86 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 | 12.6             | 13.7 | 12.8 | 13.9                                | 14.1 | 12.7           | 13.8        | 12.9 | 14.0 | 14.2 |
|                                                                      | 3H     | 12.7             | 13.7 | 12.9 | 13.9                                | 14.1 | 12.8           | 13.8        | 13.1 | 14.0 | 14.2 |
|                                                                      | 4H     | 12.6             | 13.6 | 12.9 | 13.8                                | 14.0 | 12.7           | 13.7        | 13.0 | 13.9 | 14.1 |
|                                                                      | 6H     | 12.5             | 13.5 | 12.9 | 13.7                                | 14.0 | 12.6           | 13.5        | 12.9 | 13.8 | 14.0 |
|                                                                      | 8H     | 12.5             | 13.4 | 12.8 | 13.7                                | 13.9 | 12.6           | 13.5        | 12.9 | 13.7 | 14.0 |
|                                                                      | 12H    | 12.5             | 13.4 | 12.8 | 13.6                                | 13.9 | 12.5           | 13.4        | 12.9 | 13.7 | 13.9 |
| 4H                                                                   | 2H     | 12.6             | 13.6 | 12.9 | 13.9                                | 14.1 | 12.7           | 13.7        | 13.0 | 13.9 | 14.2 |
|                                                                      | 3H     | 12.7             | 13.6 | 13.1 | 13.8                                | 14.1 | 12.9           | 13.7        | 13.2 | 14.0 | 14.3 |
|                                                                      | 4H     | 12.7             | 13.4 | 13.0 | 13.7                                | 14.1 | 12.8           | 13.6        | 13.2 | 13.9 | 14.2 |
|                                                                      | 6H     | 12.6             | 13.3 | 13.0 | 13.6                                | 14.0 | 12.8           | 13.4        | 13.1 | 13.8 | 14.1 |
|                                                                      | 8H     | 12.6             | 13.2 | 13.0 | 13.6                                | 14.0 | 12.7           | 13.3        | 13.1 | 13.7 | 14.1 |
|                                                                      | 12H    | 12.6             | 13.2 | 13.0 | 13.6                                | 14.0 | 12.7           | 13.2        | 13.1 | 13.6 | 14.0 |
| 8H                                                                   | 4H     | 12.6             | 13.2 | 13.0 | 13.5                                | 13.9 | 12.7           | 13.3        | 13.1 | 13.7 | 14.1 |
|                                                                      | 6H     | 12.5             | 13.0 | 12.9 | 13.4                                | 13.8 | 12.7           | 13.2        | 13.1 | 13.6 | 14.0 |
|                                                                      | 8H     | 12.5             | 13.0 | 13.0 | 13.4                                | 13.8 | 12.6           | 13.1        | 13.1 | 13.5 | 14.0 |
|                                                                      | 12H    | 12.5             | 12.9 | 13.0 | 13.4                                | 13.8 | 12.6           | 13.0        | 13.1 | 13.5 | 13.9 |
| 12H                                                                  | 4H     | 12.5             | 13.1 | 12.9 | 13.5                                | 13.9 | 12.7           | 13.2        | 13.1 | 13.6 | 14.0 |
|                                                                      | 6H     | 12.5             | 12.9 | 12.9 | 13.3                                | 13.8 | 12.6           | 13.1        | 13.1 | 13.5 | 13.9 |
|                                                                      | 8H     | 12.5             | 12.9 | 12.9 | 13.3                                | 13.8 | 12.6           | 13.0        | 13.1 | 13.4 | 13.9 |
| Variations with the observer position at spacings:                   |        |                  |      |      |                                     |      |                |             |      |      |      |
| S = 1.0H                                                             |        | + 1.2 / - 1.9    |      |      |                                     |      | + 1.2 / - 1.7  |             |      |      |      |
| 1.5H                                                                 |        | + 1.1 / - 2.0    |      |      |                                     |      | + 0.8 / - 1.3  |             |      |      |      |
| 2.0H                                                                 |        | + 2.9 / - 3.3    |      |      |                                     |      | + 1.9 / - 2.3  |             |      |      |      |

CIE Pub.117 Corrected 1091 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.3)

Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:09-16-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:10.100 m  
Remarks: 5700K

## UTILIZATION FACTORS TABLE

Report number:

|                                                                       |                                     |             |
|-----------------------------------------------------------------------|-------------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                         |                                     |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019 |                                     |             |
| NAME: TRION DUO                                                       | TYPE: 5700K CRI-90                  | WEIGHT:     |
| SPECIFICATION:                                                        | DIMENSION: D-182 CUTOUT-158 H-86 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 76                                                   | 68  | 63        | 76  | 68  | 63  | 75  | 67            | 63  | 58     |
| 0.80                             | 85                                                   | 77  | 72        | 84  | 77  | 72  | 83  | 76            | 72  | 67     |
| 1.00                             | 92                                                   | 84  | 79        | 91  | 84  | 79  | 89  | 84            | 79  | 74     |
| 1.25                             | 97                                                   | 90  | 86        | 96  | 90  | 85  | 94  | 88            | 84  | 79     |
| 1.50                             | 101                                                  | 94  | 90        | 99  | 93  | 89  | 97  | 92            | 88  | 83     |
| 2.00                             | 105                                                  | 99  | 95        | 103 | 98  | 94  | 100 | 96            | 93  | 87     |
| 2.50                             | 107                                                  | 102 | 98        | 105 | 101 | 97  | 102 | 98            | 95  | 89     |
| 3.00                             | 109                                                  | 105 | 101       | 107 | 103 | 100 | 104 | 101           | 98  | 91     |
| 4.00                             | 112                                                  | 108 | 105       | 109 | 106 | 104 | 106 | 103           | 101 | 93     |
| 5.00                             | 113                                                  | 110 | 108       | 111 | 108 | 106 | 107 | 105           | 103 | 95     |
| ROOM INDEX                       | UF (total)                                           |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |                                                      |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

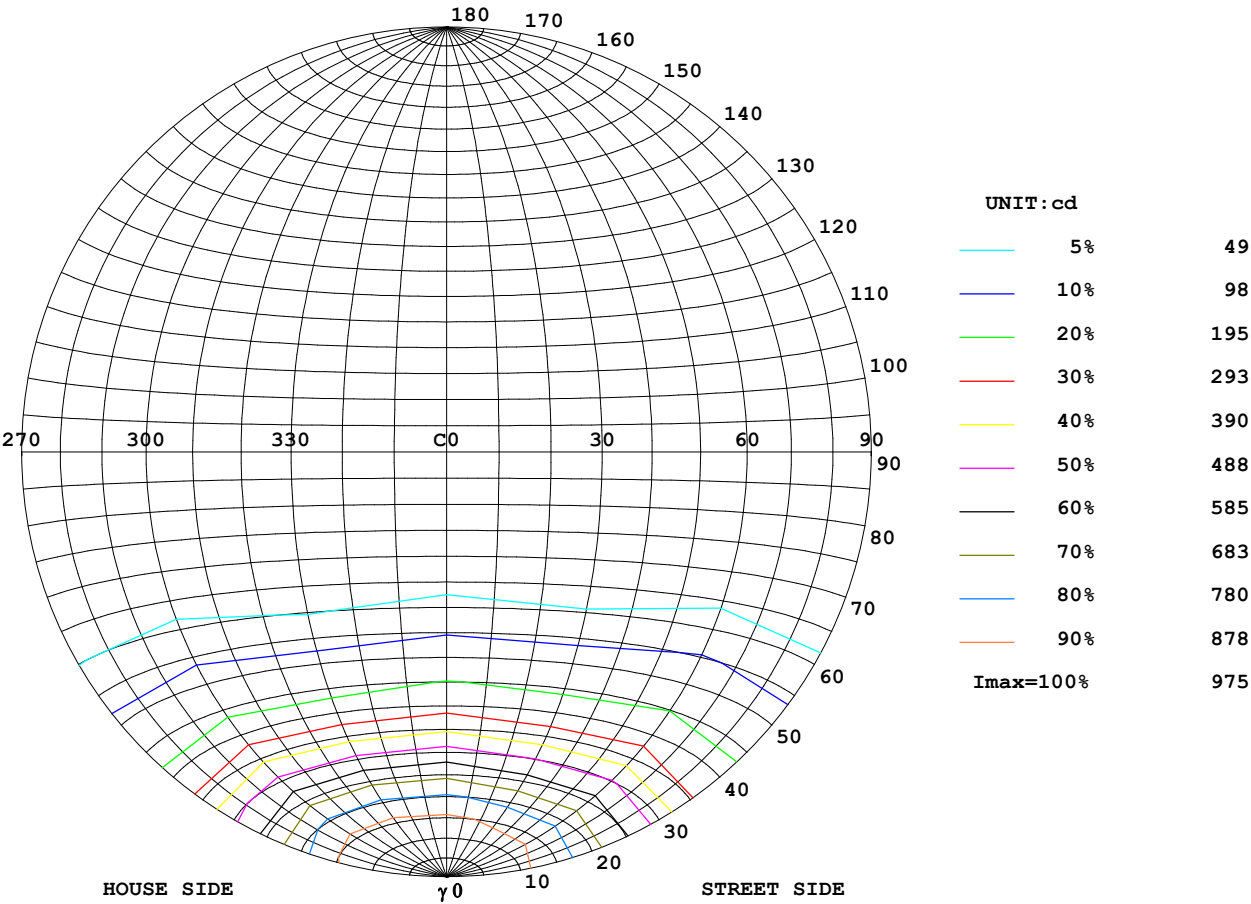
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 09-16-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)  
 Humidity: 65.0%  
 Test Distance: 10.100 m  
 Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

|                                                                      |                                     |             |
|----------------------------------------------------------------------|-------------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                                     |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                                     |             |
| NAME: TRION DUO                                                      | TYPE: 5700K CRI-90                  | WEIGHT:     |
| SPECIFICATION:                                                       | DIMENSION: D-182 CUTOUT-158 H-86 MM | SERIAL No.: |



Test System:HOP00 HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:09-16-2025

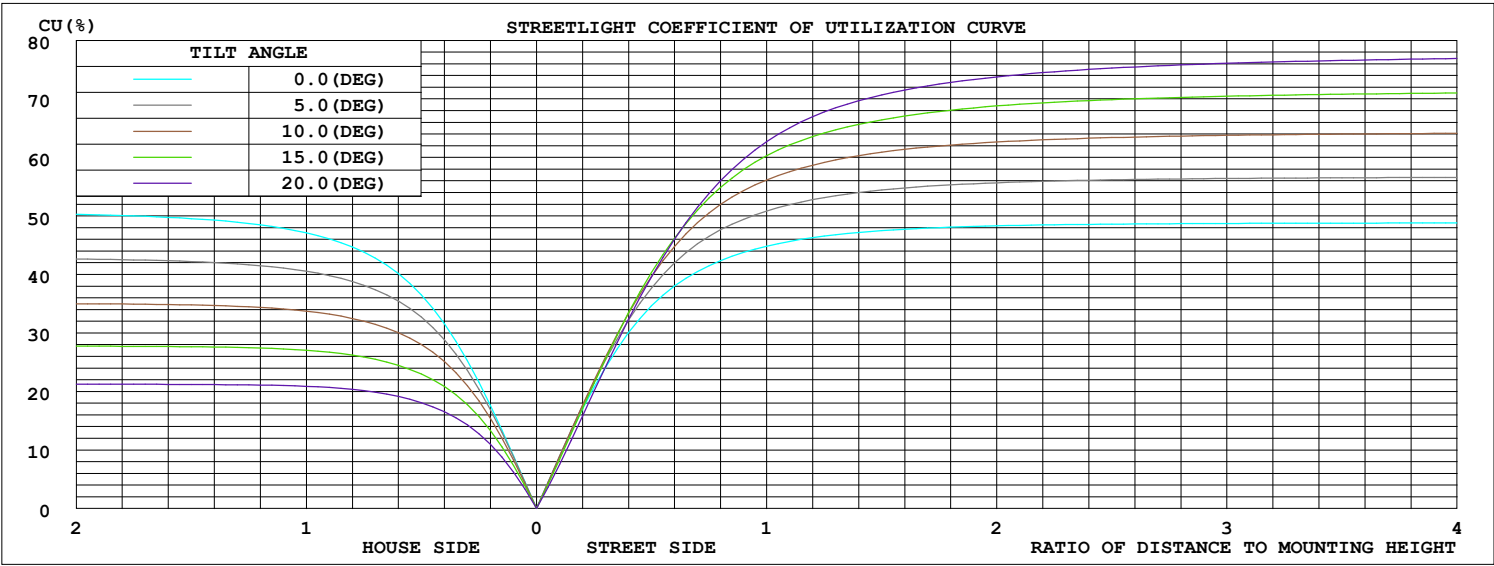
Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:10.100 m  
Remarks: 5700K

ISOLUX DIAGRAM

Report number:

|                                                                      |                                     |             |
|----------------------------------------------------------------------|-------------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                                     |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                                     |             |
| NAME: TRION DUO                                                      | TYPE: 5700K CRI-90                  | WEIGHT:     |
| SPECIFICATION:                                                       | DIMENSION: D-182 CUTOUT-158 H-86 MM | SERIAL No.: |

ILLUMINANCE AT MH=10 m,Enadir = 9.73 lx



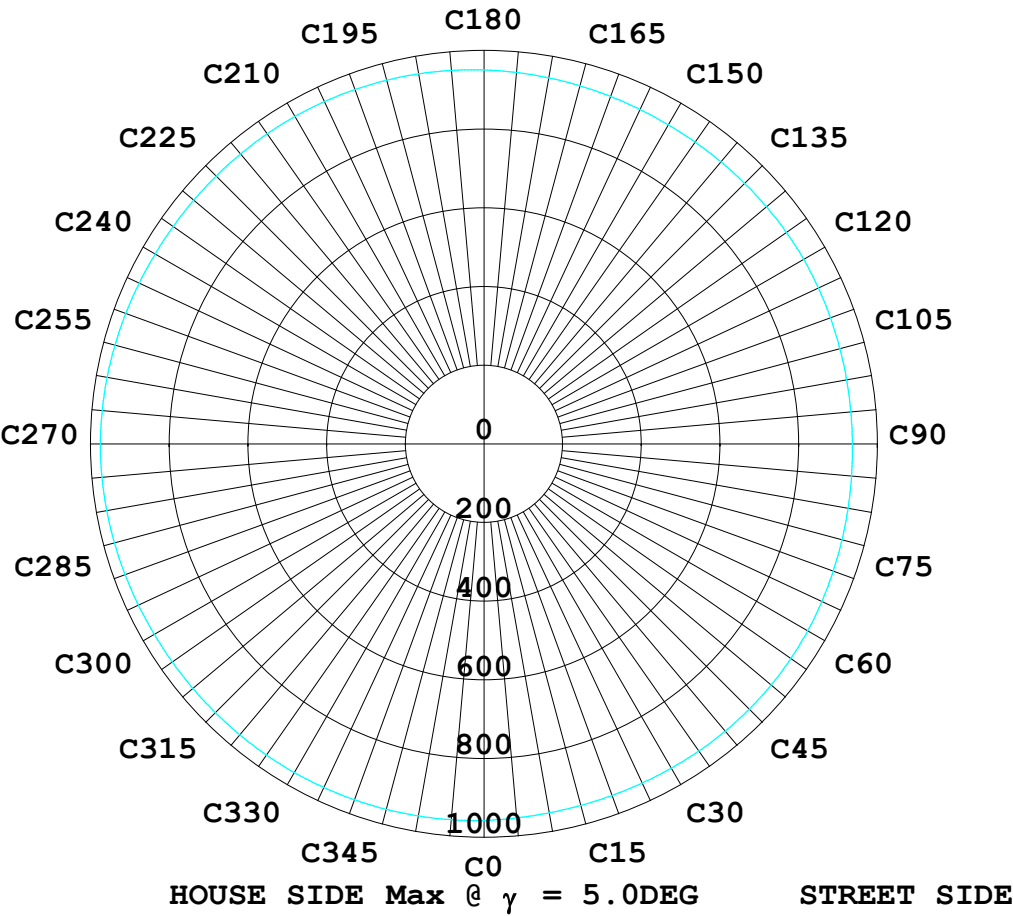
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:09-16-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:10.100 m  
Remarks: 5700K

ISOCANDELA DIAGRAM

Report number:

|                                                                      |                                     |             |
|----------------------------------------------------------------------|-------------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                                     |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                                     |             |
| NAME: TRION DUO                                                      | TYPE: 5700K CRI-90                  | WEIGHT:     |
| SPECIFICATION:                                                       | DIMENSION: D-182 CUTOUT-158 H-86 MM | SERIAL No.: |



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:09-16-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:10.100 m  
Remarks: 5700K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

|                                                                      |                                     |             |
|----------------------------------------------------------------------|-------------------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                                     |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                                     |             |
| NAME: TRION DUO                                                      | TYPE: 5700K CRI-90                  | WEIGHT:     |
| SPECIFICATION:                                                       | DIMENSION: D-182 CUTOUT-158 H-86 MM | SERIAL No.: |

UNIT: cd

| C (DEG)<br>γ (DEG) | 0    | 30   | 60   | 90   | 120  | 150  | 180  | 210  | 240  | 270  | 300  | 330  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.0                | 973  | 972  | 972  | 972  | 973  | 973  | 973  | 972  | 972  | 972  | 973  | 973  |
| 5.0                | 957  | 952  | 950  | 936  | 938  | 937  | 951  | 961  | 966  | 975  | 968  | 965  |
| 10.0               | 942  | 919  | 913  | 897  | 901  | 893  | 911  | 935  | 943  | 960  | 955  | 956  |
| 15.0               | 893  | 864  | 855  | 831  | 832  | 810  | 829  | 863  | 872  | 905  | 905  | 914  |
| 20.0               | 791  | 755  | 749  | 719  | 719  | 690  | 710  | 745  | 752  | 793  | 798  | 816  |
| 25.0               | 661  | 626  | 626  | 593  | 596  | 564  | 584  | 614  | 613  | 656  | 659  | 685  |
| 30.0               | 527  | 490  | 491  | 452  | 453  | 428  | 444  | 475  | 472  | 514  | 513  | 548  |
| 35.0               | 376  | 334  | 346  | 299  | 303  | 277  | 292  | 304  | 320  | 368  | 353  | 397  |
| 40.0               | 255  | 235  | 248  | 229  | 236  | 216  | 219  | 233  | 218  | 242  | 232  | 262  |
| 45.0               | 197  | 182  | 193  | 175  | 184  | 163  | 165  | 177  | 160  | 176  | 170  | 196  |
| 50.0               | 141  | 130  | 142  | 125  | 131  | 117  | 120  | 126  | 112  | 126  | 118  | 140  |
| 55.0               | 92.9 | 84.4 | 100  | 85.7 | 89.7 | 79.2 | 81.7 | 84.8 | 74.8 | 86.0 | 76.6 | 92.1 |
| 60.0               | 59.5 | 51.6 | 67.4 | 56.5 | 58.9 | 51.6 | 53.3 | 55.3 | 47.8 | 56.4 | 46.3 | 60.2 |
| 65.0               | 38.0 | 29.0 | 42.3 | 34.4 | 37.5 | 31.1 | 33.3 | 34.8 | 28.0 | 34.3 | 25.1 | 38.4 |
| 70.0               | 19.3 | 12.9 | 21.6 | 15.8 | 19.6 | 13.1 | 15.1 | 17.5 | 10.6 | 16.3 | 10.0 | 19.0 |
| 75.0               | 8.26 | 3.67 | 8.87 | 3.67 | 8.16 | 3.06 | 4.69 | 7.34 | 2.44 | 6.93 | 2.34 | 7.44 |
| 80.0               | 5.30 | 1.42 | 5.20 | 1.32 | 4.99 | 1.22 | 2.55 | 4.59 | 0.82 | 4.48 | 0.71 | 4.59 |
| 85.0               | 4.69 | 1.42 | 4.28 | 1.12 | 4.18 | 1.22 | 2.55 | 3.87 | 0.82 | 3.77 | 0.82 | 3.77 |
| 90.0               | 4.18 | 1.93 | 3.77 | 1.63 | 3.77 | 1.63 | 3.67 | 3.16 | 1.12 | 3.16 | 1.12 | 3.16 |

Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:09-16-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:10.100 m  
Remarks: 5700K