

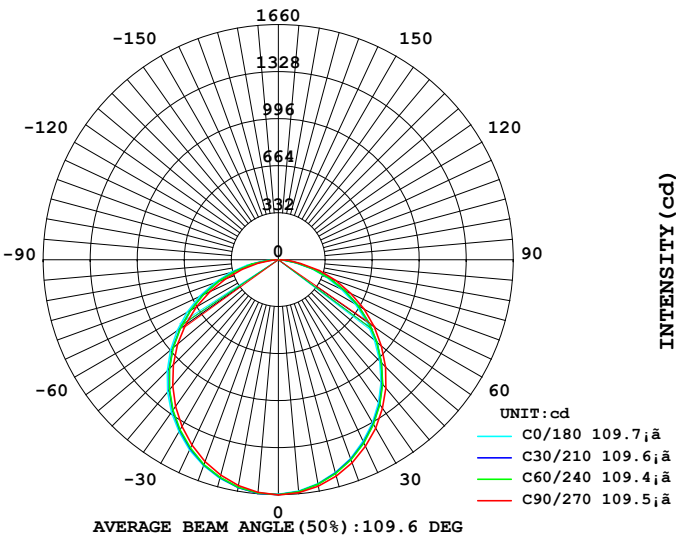
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

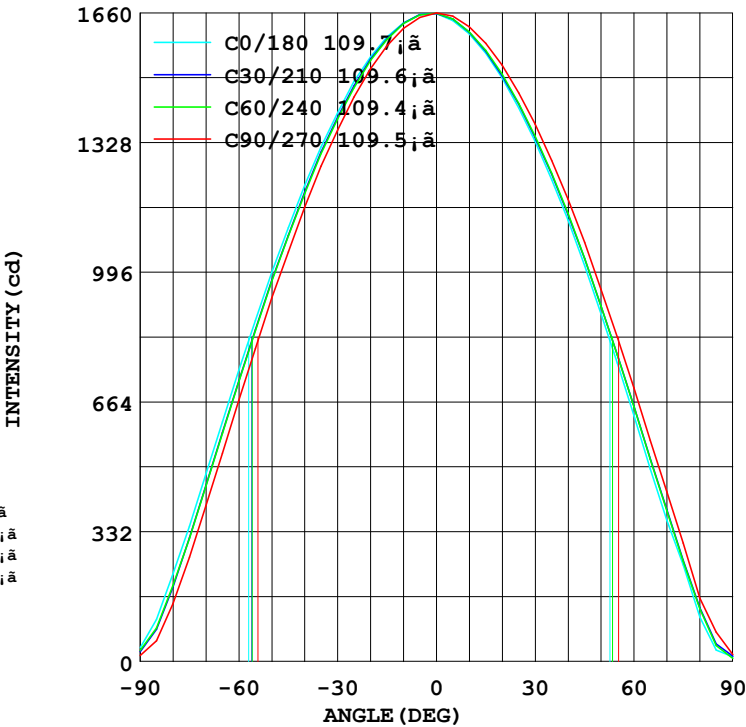
|                                                                      |                          |             |
|----------------------------------------------------------------------|--------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                          |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                          |             |
| NAME: DISC DEEP RECESSED                                             | TYPE: 3000K CRI-90       | WEIGHT:     |
| SPECIFICATION:                                                       | DIMENSION: D-600 H-85 MM | SERIAL No.: |

|                   |           |                    |        |                   |       |
|-------------------|-----------|--------------------|--------|-------------------|-------|
| DATA OF LAMP      |           | Imax (cd)          | 1660   | S/MH (C0/180)     | 1.26  |
| MODEL             | DISC DEEP | EFFICIENCY (%)     | 100.0  | S/MH (C90/270)    | 1.23  |
| NOMINAL POWER (W) | 50        | TOTAL FLUX (lm)    | 4551.7 | Voltage (V)       | 219.6 |
| RATED VOLTAGE (V) | 220       | EFFICIENCY (lm/W)  | 90.1   | Current (A)       | 0.234 |
| NOMINAL FLUX (lm) | 4551.8    | $\eta$ up (%)      | 0.0    | Power (W)         | 50.50 |
| LAMPS QUANTITY    | 1         | $\eta$ down (%)    | 100.0  | Power Factor (PF) | 0.984 |
| TEST VOLTAGE (V)  | 219.7     | Effictive Flux(lm) | 4466.5 | EEI               | 0.154 |

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:06-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:7.500 m  
Remarks: 3000K

Color Temperature Data List

Report number:

|                                                                      |                          |             |
|----------------------------------------------------------------------|--------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                          |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                          |             |
| NAME: DISC DEEP RECESSED                                             | TYPE: 3000K CRI-90       | WEIGHT:     |
| SPECIFICATION:                                                       | DIMENSION: D-600 H-85 MM | SERIAL No.: |

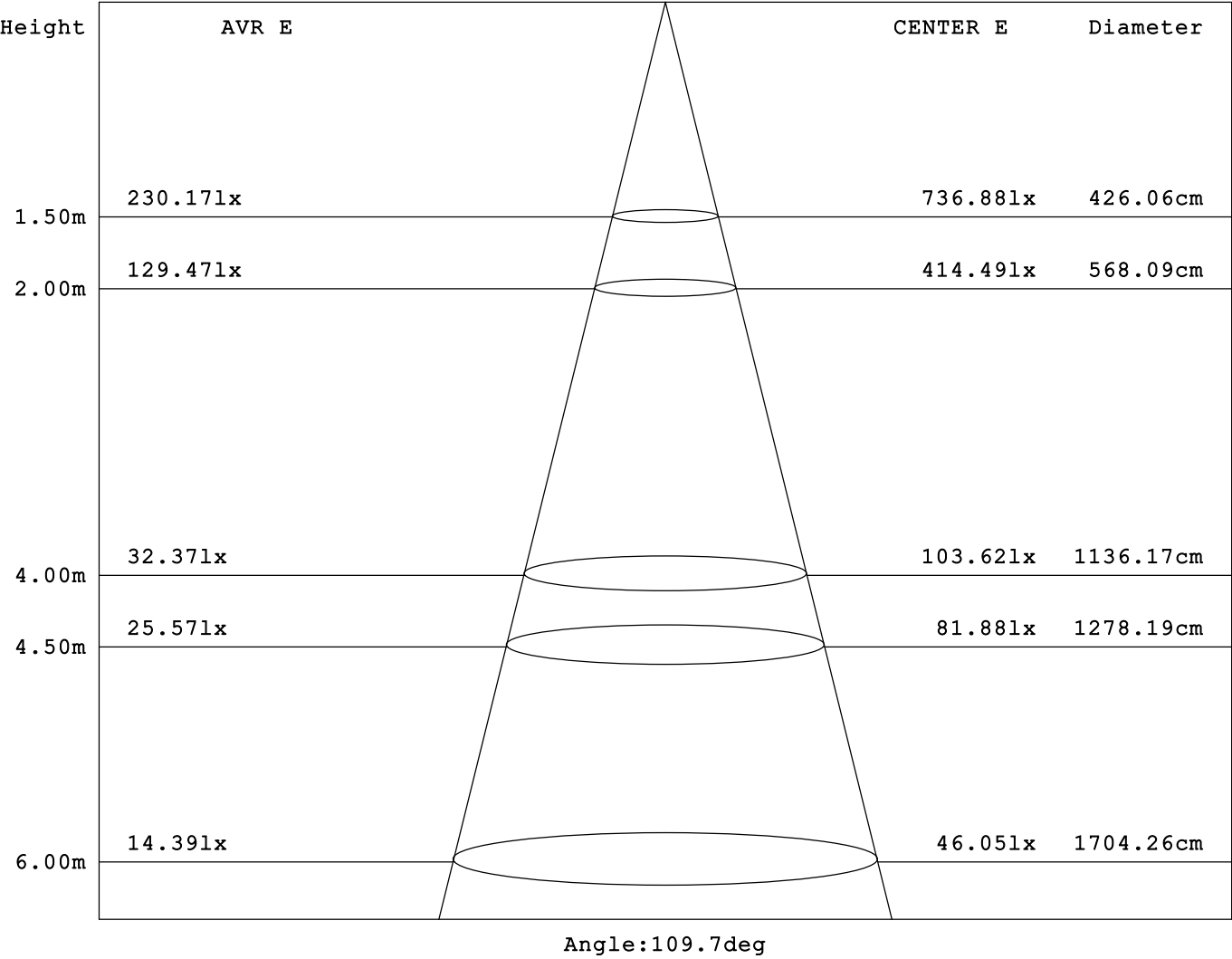
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:06-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:7.500 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: DISC DEEP RECESSED                                             | TYPE: 3000K CRI-90       | WEIGHT:     |
| SPECIFICATION:                                                       | DIMENSION: D-600 H-85 MM | SERIAL No.: |



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:06-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:7.500 m  
Remarks: 3000K

ZONAL FLUX DIAGRAM

Report number:

|                                                                      |                          |             |
|----------------------------------------------------------------------|--------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                          |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                          |             |
| NAME: DISC DEEP RECESSED                                             | TYPE: 3000K CRI-90       | WEIGHT:     |
| SPECIFICATION:                                                       | DIMENSION: D-600 H-85 MM | SERIAL No.: |

| γ     | C0                    | C45   | C90   | C135  | C180  | C225  | C270  | C315  | γ       | Zone    | total |
|-------|-----------------------|-------|-------|-------|-------|-------|-------|-------|---------|---------|-------|
| 10.0  | 1635                  | 1633  | 1620  | 1605  | 1607  | 1611  | 1625  | 1637  | 0- 10   | 156.5   | 156.5 |
| 20.0  | 1548                  | 1540  | 1517  | 1493  | 1493  | 1502  | 1526  | 1546  | 10- 20  | 445.1   | 601.6 |
| 30.0  | 1404                  | 1390  | 1360  | 1329  | 1331  | 1343  | 1375  | 1406  | 20- 30  | 667.9   | 1270  |
| 40.0  | 1219                  | 1199  | 1163  | 1126  | 1130  | 1145  | 1183  | 1217  | 30- 40  | 797.2   | 2067  |
| 50.0  | 995.9                 | 974.0 | 929.7 | 889.2 | 889.8 | 909.4 | 952.1 | 991.9 | 40- 50  | 818.0   | 2885  |
| 60.0  | 745.1                 | 716.3 | 667.9 | 627.5 | 629.0 | 653.0 | 699.9 | 741.4 | 50- 60  | 729.1   | 3614  |
| 70.0  | 478.6                 | 448.2 | 397.7 | 360.4 | 361.0 | 386.4 | 434.0 | 474.4 | 60- 70  | 545.7   | 4160  |
| 80.0  | 223.4                 | 191.7 | 146.8 | 119.6 | 113.0 | 136.0 | 161.9 | 213.5 | 70- 80  | 305.2   | 4465  |
| 90.0  | 34.48                 | 26.71 | 15.18 | 18.56 | 11.70 | 10.74 | 17.49 | 26.07 | 80- 90  | 86.60   | 4552  |
| 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:06-28-2025

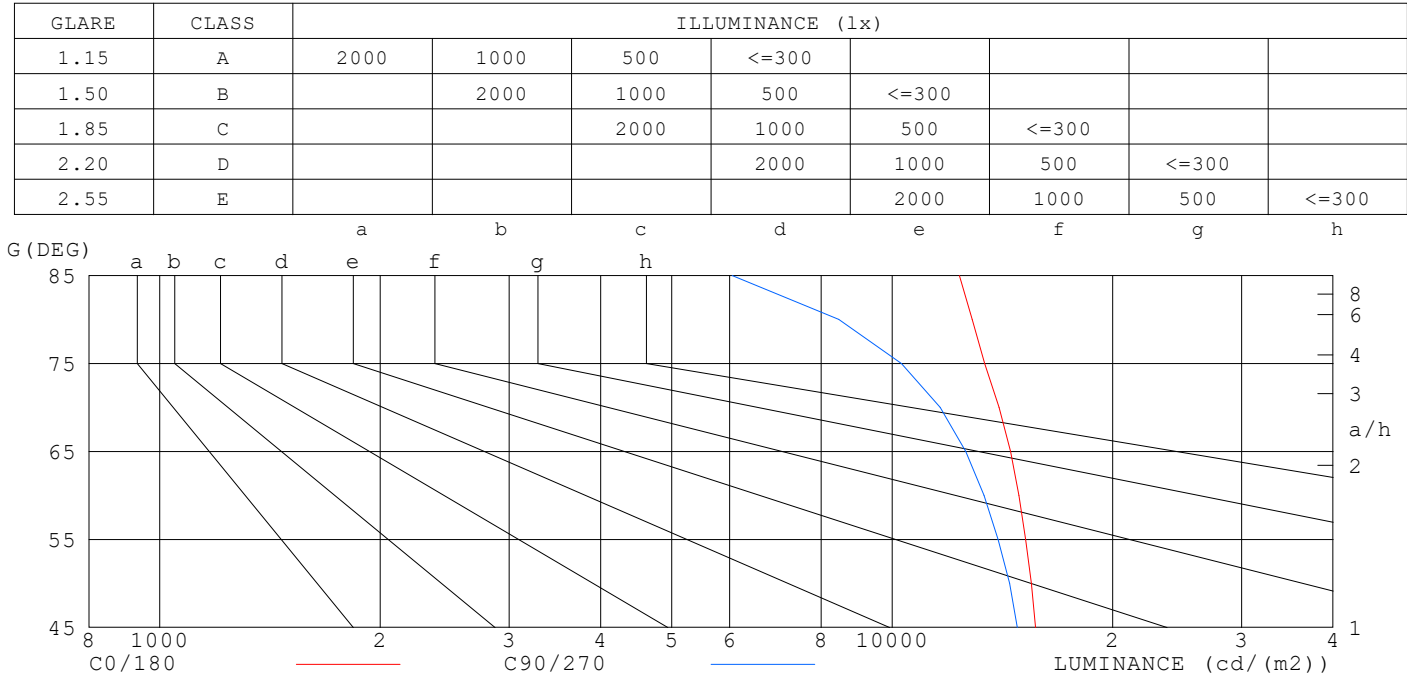
Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:7.500 m  
Remarks: 3000K

LUMINANCE LIMITATION CURVES

Report number:

|                                                                      |                          |             |
|----------------------------------------------------------------------|--------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                          |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                          |             |
| NAME: DISC DEEP RECESSED                                             | TYPE: 3000K CRI-90       | WEIGHT:     |
| SPECIFICATION:                                                       | DIMENSION: D-600 H-85 MM | SERIAL No.: |

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2

| G (DEG) | C0/180 | C90/270 |
|---------|--------|---------|
| 85      | 12353  | 6047    |
| 80      | 12870  | 8455    |
| 75      | 13379  | 10297   |
| 70      | 13994  | 11629   |
| 65      | 14512  | 12611   |
| 60      | 14903  | 13358   |
| 55      | 15214  | 13963   |
| 50      | 15494  | 14464   |
| 45      | 15705  | 14822   |

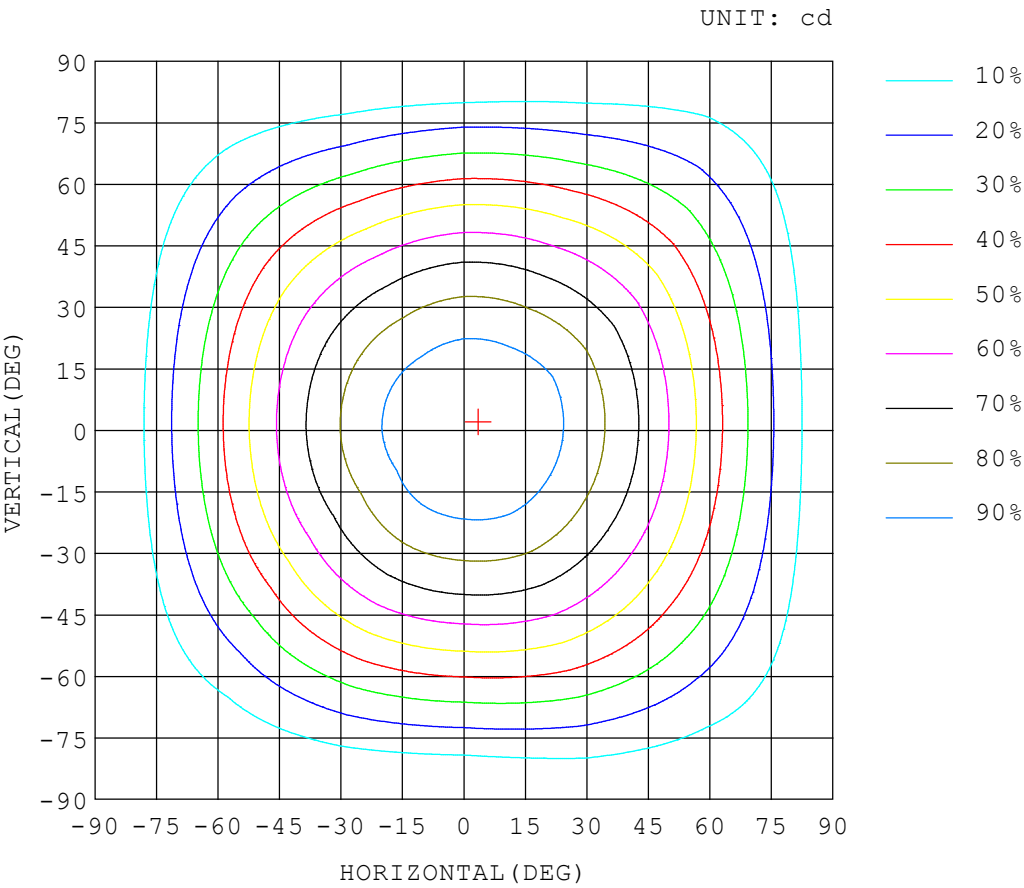
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:06-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:7.500 m  
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

|                                                                      |                          |             |
|----------------------------------------------------------------------|--------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                          |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                          |             |
| NAME: DISC DEEP RECESSED                                             | TYPE: 3000K CRI-90       | WEIGHT:     |
| SPECIFICATION:                                                       | DIMENSION: D-600 H-85 MM | SERIAL No.: |



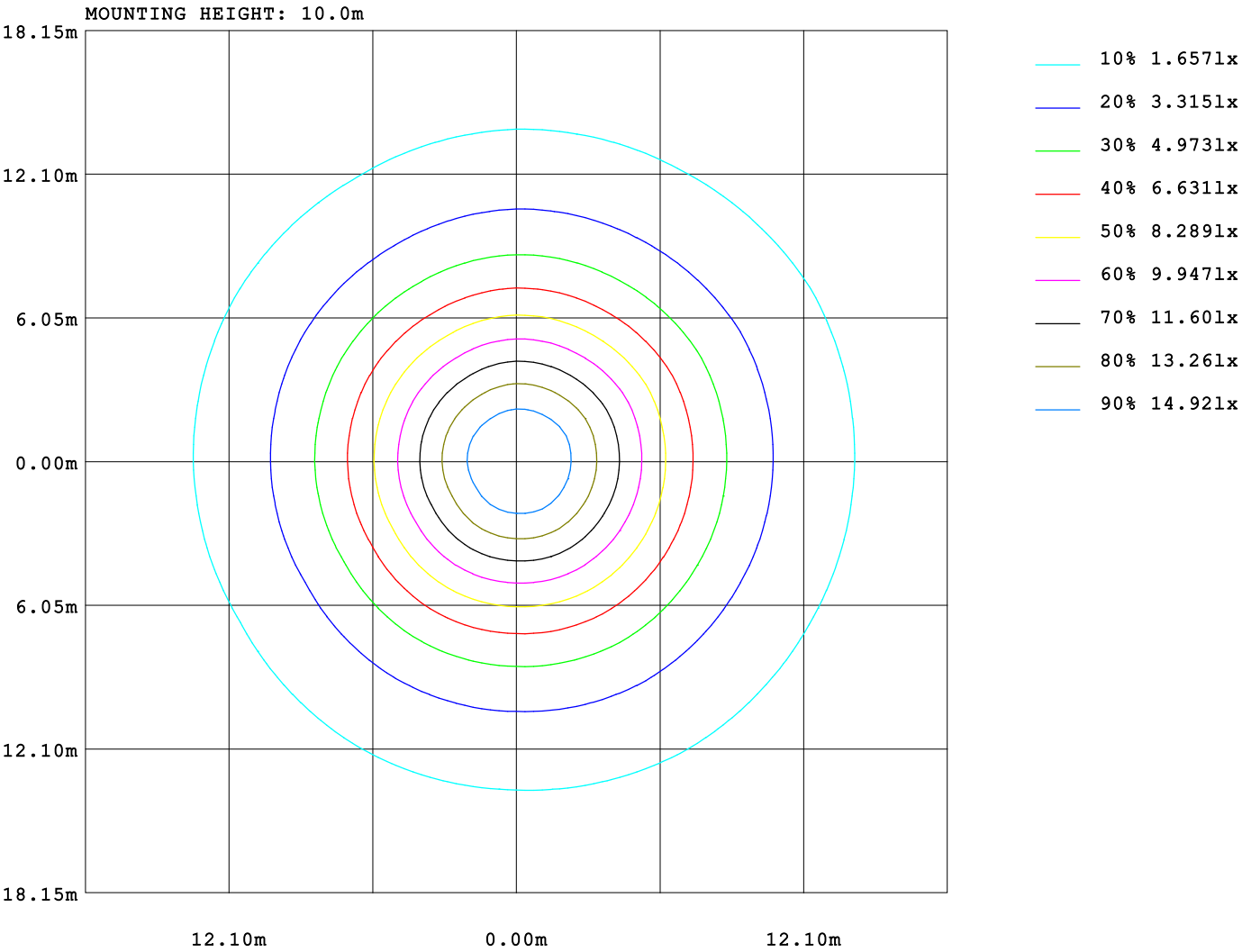
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:06-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:7.500 m  
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

|                                                                      |                          |             |
|----------------------------------------------------------------------|--------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                          |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                          |             |
| NAME: DISC DEEP RECESSED                                             | TYPE: 3000K CRI-90       | WEIGHT:     |
| SPECIFICATION:                                                       | DIMENSION: D-600 H-85 MM | SERIAL No.: |



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:06-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:7.500 m  
Remarks: 3000K



AREA LUMINOUS FLUX

Report number:

|                                                                      |  |  |  |  |  |  |  |  |  |                          |  |  |  |  |             |  |  |  |  |  |
|----------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--------------------------|--|--|--|--|-------------|--|--|--|--|--|
| MANUFACTURER: DIVINITY LIGHTS                                        |  |  |  |  |  |  |  |  |  |                          |  |  |  |  |             |  |  |  |  |  |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |  |  |  |  |  |  |  |  |  |                          |  |  |  |  |             |  |  |  |  |  |
| NAME: DISC DEEP RECESSED                                             |  |  |  |  |  |  |  |  |  | TYPE: 3000K CRI-90       |  |  |  |  | WEIGHT:     |  |  |  |  |  |
| SPECIFICATION:                                                       |  |  |  |  |  |  |  |  |  | DIMENSION: D-600 H-85 MM |  |  |  |  | SERIAL No.: |  |  |  |  |  |

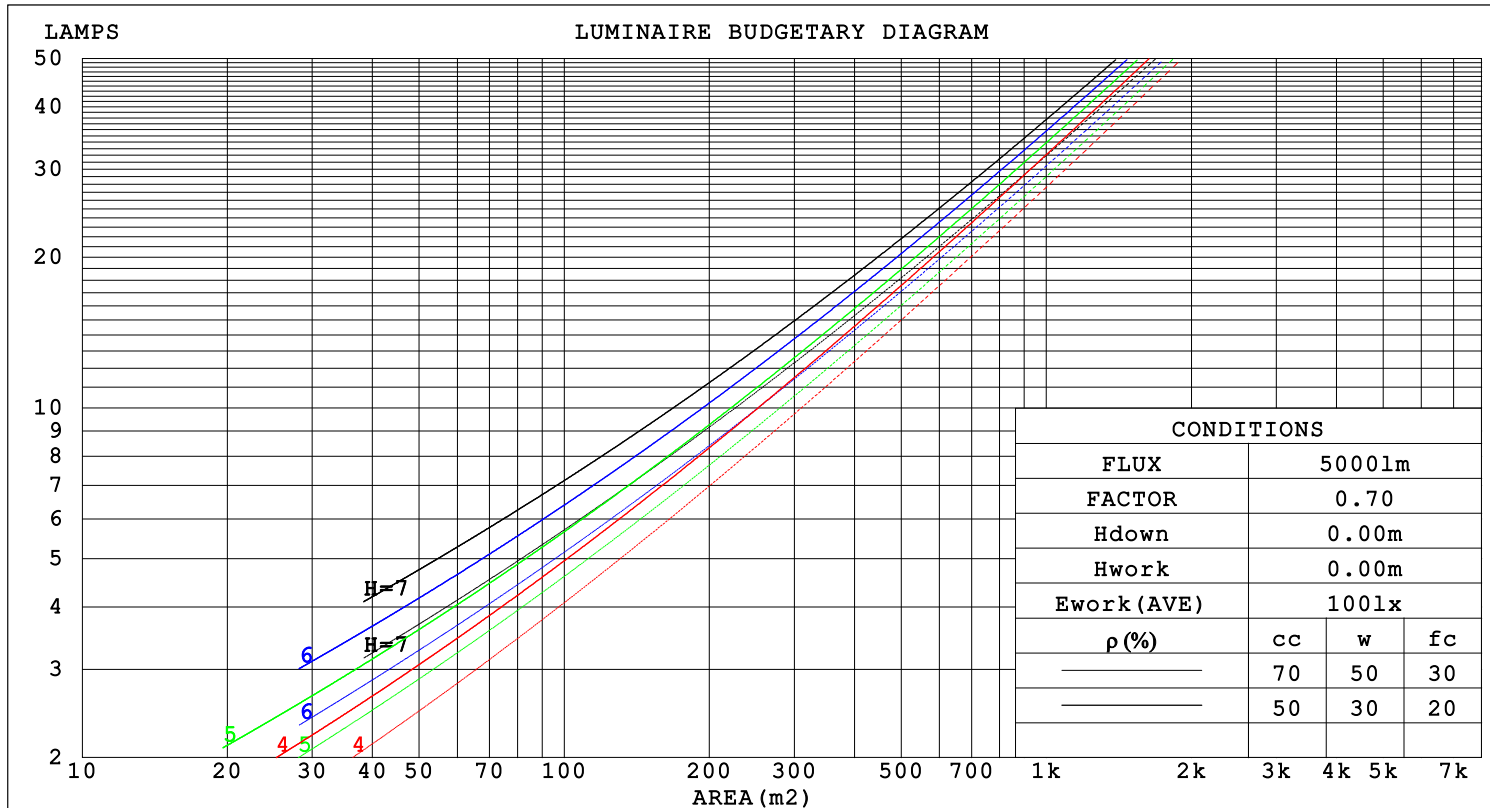
| VERTICAL (DEG) | AREA FLUX DIAGRAM |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | UNIT:lm |      |  | Φ t | Φ a |
|----------------|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------|------|--|-----|-----|
|                | 0.04              | 0.15 | 0.33 | 0.55 | 0.79 | 1.06 | 1.45 | 1.94 | 2.34 | 2.53 | 2.49 | 2.29 | 2.05 | 1.78 | 1.40 | 0.91 | 0.44 | 0.11 | 22.7    | 0.00 |  |     |     |
| 90             |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
| 80             |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
| 70             |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
| 60             |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
| 50             |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
| 40             |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
| 30             |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |
|                |                   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |         |      |  |     |     |

Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:06-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:7.500 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             | 1.04                  | .00  | .96  | 1.02 | .98  | .94  | .97  | .94  | .91  | .94  | .91  | .89  | .90  | .88  | .86  | .84                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2.0             | .91                   | .84  | .78  | .89  | .83  | .77  | .85  | .80  | .75  | .82  | .78  | .74  | .79  | .75  | .72  | .70                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3.0             | .80                   | .72  | .65  | .78  | .71  | .64  | .75  | .69  | .63  | .72  | .67  | .62  | .70  | .65  | .61  | .59                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4.0             | .71                   | .62  | .55  | .69  | .61  | .55  | .67  | .60  | .54  | .64  | .58  | .53  | .62  | .57  | .53  | .50                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5.0             | .63                   | .54  | .48  | .62  | .54  | .47  | .60  | .52  | .47  | .58  | .51  | .46  | .56  | .50  | .46  | .44                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6.0             | .57                   | .48  | .41  | .56  | .47  | .41  | .54  | .47  | .41  | .52  | .46  | .41  | .51  | .45  | .40  | .38                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7.0             | .52                   | .43  | .37  | .51  | .42  | .37  | .49  | .42  | .36  | .48  | .41  | .36  | .46  | .40  | .36  | .34                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8.0             | .47                   | .39  | .33  | .46  | .38  | .33  | .45  | .38  | .32  | .44  | .37  | .32  | .43  | .37  | .32  | .30                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9.0             | .43                   | .35  | .29  | .43  | .35  | .29  | .41  | .34  | .29  | .40  | .34  | .29  | .39  | .33  | .29  | .27                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10.0            | .40                   | .32  | .27  | .39  | .32  | .27  | .38  | .31  | .27  | .37  | .31  | .26  | .37  | .31  | .26  | .25                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:7.500 m  
Remarks: 3000K

## WEC AND CCEC

Report number:

|                                                                      |  |  |  |  |  |  |                          |  |  |  |  |             |  |  |
|----------------------------------------------------------------------|--|--|--|--|--|--|--------------------------|--|--|--|--|-------------|--|--|
| MANUFACTURER: DIVINITY LIGHTS                                        |  |  |  |  |  |  |                          |  |  |  |  |             |  |  |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |  |  |  |  |  |  |                          |  |  |  |  |             |  |  |
| NAME: DISC DEEP RECESSED                                             |  |  |  |  |  |  | TYPE: 3000K CRI-90       |  |  |  |  | WEIGHT:     |  |  |
| SPECIFICATION:                                                       |  |  |  |  |  |  | DIMENSION: D-600 H-85 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  | .307                  | .175 | .055 | .300 | .171 | .054 | .287 | .165 | .053 | .275 | .158 | .051 | .263 | .153 | .049 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2.0  | .289                  | .158 | .049 | .283 | .156 | .048 | .271 | .151 | .047 | .260 | .146 | .046 | .251 | .142 | .045 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3.0  | .268                  | .143 | .043 | .262 | .140 | .042 | .252 | .137 | .042 | .242 | .133 | .041 | .234 | .129 | .040 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4.0  | .247                  | .129 | .038 | .243 | .127 | .038 | .233 | .124 | .037 | .225 | .121 | .036 | .217 | .118 | .036 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5.0  | .229                  | .117 | .034 | .225 | .115 | .034 | .216 | .113 | .033 | .209 | .110 | .033 | .202 | .108 | .032 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6.0  | .212                  | .106 | .030 | .209 | .105 | .030 | .201 | .103 | .030 | .195 | .101 | .030 | .188 | .099 | .029 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7.0  | .198                  | .098 | .028 | .194 | .097 | .028 | .188 | .095 | .027 | .182 | .093 | .027 | .176 | .092 | .027 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8.0  | .185                  | .090 | .025 | .182 | .089 | .025 | .176 | .088 | .025 | .171 | .086 | .025 | .165 | .085 | .025 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9.0  | .173                  | .084 | .023 | .170 | .083 | .023 | .165 | .082 | .023 | .160 | .080 | .023 | .156 | .079 | .023 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10.0 | .163                  | .078 | .022 | .160 | .078 | .022 | .156 | .076 | .021 | .151 | .075 | .021 | .147 | .074 | .021 |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

| 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  | .180                  | .156 | .135 | .154 | .134 | .116 | .105                                       | .092 | .080 | .061 | .053 | .047 | .019 | .017 | .015 |   |
| 2.0  | .172                  | .132 | .098 | .147 | .114 | .085 | .101                                       | .079 | .059 | .058 | .046 | .035 | .019 | .015 | .011 |   |
| 3.0  | .164                  | .114 | .075 | .141 | .099 | .065 | .097                                       | .068 | .045 | .056 | .040 | .027 | .018 | .013 | .009 |   |
| 4.0  | .156                  | .101 | .059 | .134 | .087 | .051 | .092                                       | .061 | .036 | .053 | .036 | .021 | .017 | .012 | .007 |   |
| 5.0  | .149                  | .091 | .047 | .128 | .078 | .041 | .088                                       | .055 | .029 | .051 | .032 | .017 | .016 | .010 | .006 |   |
| 6.0  | .142                  | .082 | .039 | .122 | .071 | .034 | .084                                       | .050 | .024 | .049 | .029 | .014 | .016 | .010 | .005 |   |
| 7.0  | .135                  | .075 | .033 | .116 | .065 | .029 | .080                                       | .046 | .021 | .047 | .027 | .012 | .015 | .009 | .004 |   |
| 8.0  | .129                  | .069 | .029 | .111 | .060 | .025 | .077                                       | .042 | .018 | .045 | .025 | .011 | .014 | .008 | .004 |   |
| 9.0  | .123                  | .064 | .025 | .106 | .056 | .022 | .073                                       | .039 | .016 | .043 | .023 | .009 | .014 | .008 | .003 |   |
| 10.0 | .117                  | .060 | .022 | .101 | .052 | .020 | .070                                       | .037 | .014 | .041 | .022 | .008 | .013 | .007 | .003 |   |

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:7.500 m  
 Remarks: 3000K

Uncorrected UGR Table

Report number:

|                                                                      |        |                  |      |      |                          |      |                |             |      |      |      |
|----------------------------------------------------------------------|--------|------------------|------|------|--------------------------|------|----------------|-------------|------|------|------|
| MANUFACTURER: DIVINITY LIGHTS                                        |        |                  |      |      |                          |      |                |             |      |      |      |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |        |                  |      |      |                          |      |                |             |      |      |      |
| NAME: DISC DEEP RECESSED                                             |        |                  |      |      | TYPE: 3000K CRI-90       |      |                | WEIGHT:     |      |      |      |
| SPECIFICATION:                                                       |        |                  |      |      | DIMENSION: D-600 H-85 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 | 22.4             | 24.0 | 22.7 | 24.2                     | 24.4 | 22.2           | 23.7        | 22.4 | 23.9 | 24.1 |
|                                                                      | 3H     | 24.0             | 25.4 | 24.3 | 25.6                     | 25.9 | 23.5           | 24.9        | 23.8 | 25.2 | 25.4 |
|                                                                      | 4H     | 24.7             | 26.0 | 25.0 | 26.2                     | 26.5 | 24.0           | 25.4        | 24.4 | 25.6 | 25.9 |
|                                                                      | 6H     | 25.2             | 26.4 | 25.5 | 26.7                     | 27.0 | 24.3           | 25.6        | 24.7 | 25.9 | 26.1 |
|                                                                      | 8H     | 25.3             | 26.5 | 25.6 | 26.8                     | 27.1 | 24.4           | 25.6        | 24.7 | 25.8 | 26.1 |
|                                                                      | 12H    | 25.4             | 26.6 | 25.7 | 26.8                     | 27.2 | 24.4           | 25.5        | 24.7 | 25.8 | 26.1 |
| 4H                                                                   | 2H     | 23.0             | 24.4 | 23.3 | 24.6                     | 24.9 | 22.8           | 24.1        | 23.1 | 24.4 | 24.7 |
|                                                                      | 3H     | 24.8             | 25.9 | 25.1 | 26.2                     | 26.5 | 24.4           | 25.6        | 24.8 | 25.9 | 26.2 |
|                                                                      | 4H     | 25.5             | 26.6 | 25.9 | 26.9                     | 27.2 | 25.0           | 26.1        | 25.4 | 26.4 | 26.8 |
|                                                                      | 6H     | 26.1             | 27.1 | 26.5 | 27.4                     | 27.8 | 25.5           | 26.4        | 25.8 | 26.7 | 27.1 |
|                                                                      | 8H     | 26.3             | 27.2 | 26.7 | 27.5                     | 27.9 | 25.5           | 26.4        | 25.9 | 26.8 | 27.1 |
|                                                                      | 12H    | 26.5             | 27.3 | 26.9 | 27.6                     | 28.1 | 25.5           | 26.4        | 26.0 | 26.7 | 27.1 |
| 8H                                                                   | 4H     | 25.8             | 26.6 | 26.2 | 27.0                     | 27.4 | 25.3           | 26.2        | 25.8 | 26.6 | 27.0 |
|                                                                      | 6H     | 26.5             | 27.2 | 26.9 | 27.6                     | 28.0 | 25.9           | 26.6        | 26.3 | 27.0 | 27.4 |
|                                                                      | 8H     | 26.7             | 27.4 | 27.2 | 27.8                     | 28.2 | 26.0           | 26.7        | 26.5 | 27.1 | 27.5 |
|                                                                      | 12H    | 26.9             | 27.5 | 27.4 | 27.9                     | 28.4 | 26.1           | 26.7        | 26.6 | 27.1 | 27.6 |
| 12H                                                                  | 4H     | 25.8             | 26.6 | 26.2 | 27.0                     | 27.4 | 25.4           | 26.2        | 25.8 | 26.5 | 26.9 |
|                                                                      | 6H     | 26.5             | 27.2 | 27.0 | 27.6                     | 28.0 | 25.9           | 26.6        | 26.4 | 27.0 | 27.5 |
|                                                                      | 8H     | 26.8             | 27.3 | 27.3 | 27.8                     | 28.3 | 26.1           | 26.7        | 26.6 | 27.1 | 27.6 |
| Variations with the observer position at spacings:                   |        |                  |      |      |                          |      |                |             |      |      |      |
| S = 1.0H                                                             |        | + 0.1 / - 0.1    |      |      |                          |      | + 0.1 / - 0.2  |             |      |      |      |
| 1.5H                                                                 |        | + 0.1 / - 0.3    |      |      |                          |      | + 0.2 / - 0.4  |             |      |      |      |
| 2.0H                                                                 |        | + 0.2 / - 0.3    |      |      |                          |      | + 0.2 / - 0.5  |             |      |      |      |

CIE Pub.117 Corrected 4552 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.3)

Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:06-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:7.500 m  
Remarks: 3000K

## UTILIZATION FACTORS TABLE

Report number:

|                                                                       |                          |             |
|-----------------------------------------------------------------------|--------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                         |                          |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi, 301019 |                          |             |
| NAME: DISC DEEP RECESSED                                              | TYPE: 3000K CRI-90       | WEIGHT:     |
| SPECIFICATION:                                                        | DIMENSION: D-600 H-85 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 58                                                   | 46  | 39        | 57  | 46  | 39  | 56  | 46            | 39  | 33     |
| 0.80                             | 68                                                   | 56  | 49        | 67  | 56  | 49  | 65  | 55            | 49  | 42     |
| 1.00                             | 76                                                   | 65  | 58        | 75  | 65  | 58  | 73  | 66            | 57  | 50     |
| 1.25                             | 83                                                   | 73  | 66        | 82  | 72  | 66  | 79  | 71            | 65  | 58     |
| 1.50                             | 88                                                   | 79  | 72        | 87  | 78  | 71  | 84  | 76            | 70  | 63     |
| 2.00                             | 95                                                   | 87  | 80        | 93  | 86  | 80  | 90  | 83            | 78  | 70     |
| 2.50                             | 99                                                   | 91  | 85        | 97  | 90  | 85  | 93  | 87            | 83  | 74     |
| 3.00                             | 102                                                  | 96  | 90        | 100 | 94  | 89  | 96  | 91            | 87  | 78     |
| 4.00                             | 106                                                  | 101 | 96        | 104 | 99  | 95  | 100 | 96            | 92  | 83     |
| 5.00                             | 109                                                  | 104 | 100       | 106 | 102 | 98  | 102 | 98            | 95  | 86     |
| ROOM INDEX                       | UF (total)                                           |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |                                                      |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

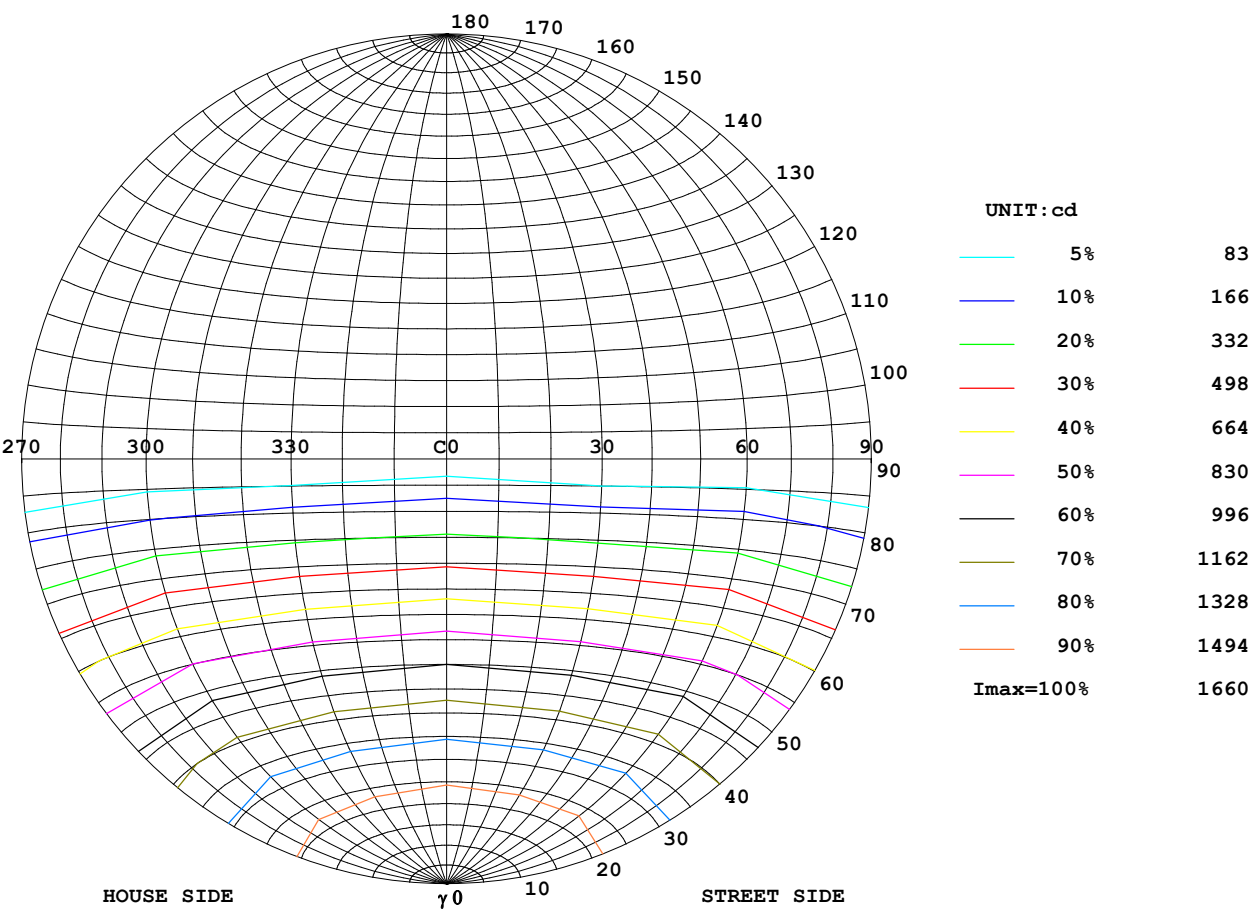
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 06-28-2025

Test Set: 5.0 deg/s C-Gamma (TYPE C)  
 Humidity: 65.0%  
 Test Distance: 7.500 m  
 Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

|                                                                      |                          |             |
|----------------------------------------------------------------------|--------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                          |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                          |             |
| NAME: DISC DEEP RECESSED                                             | TYPE: 3000K CRI-90       | WEIGHT:     |
| SPECIFICATION:                                                       | DIMENSION: D-600 H-85 MM | SERIAL No.: |



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:06-28-2025

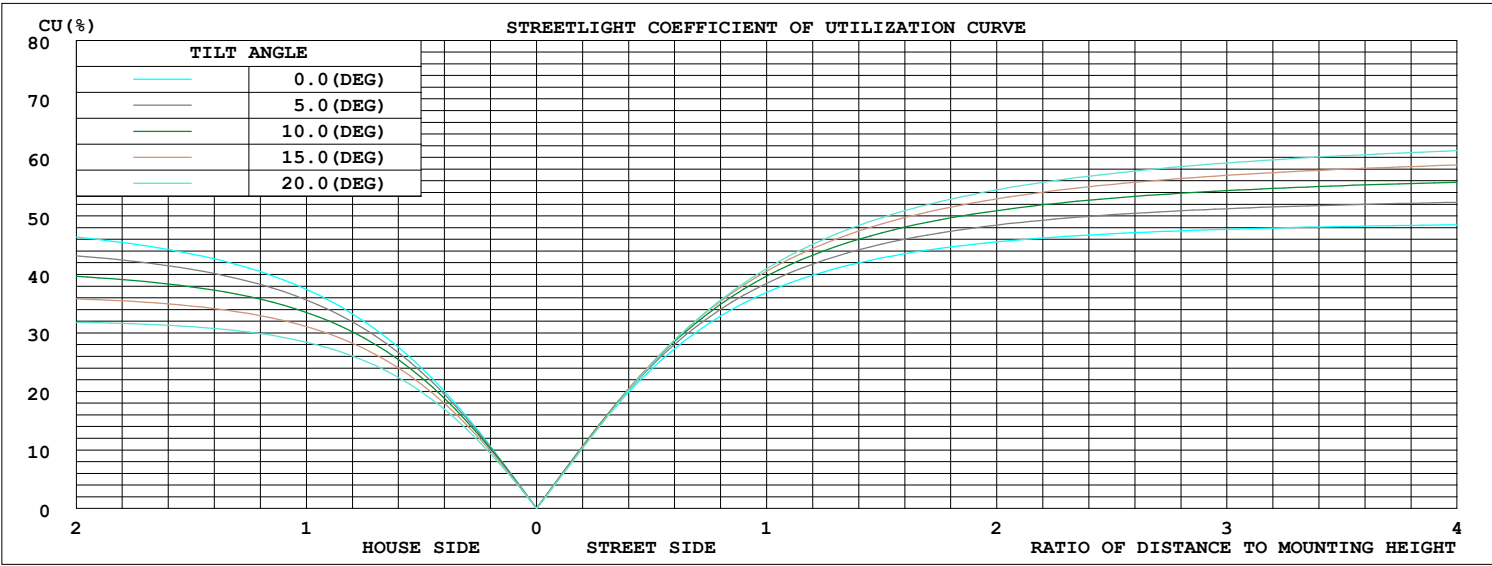
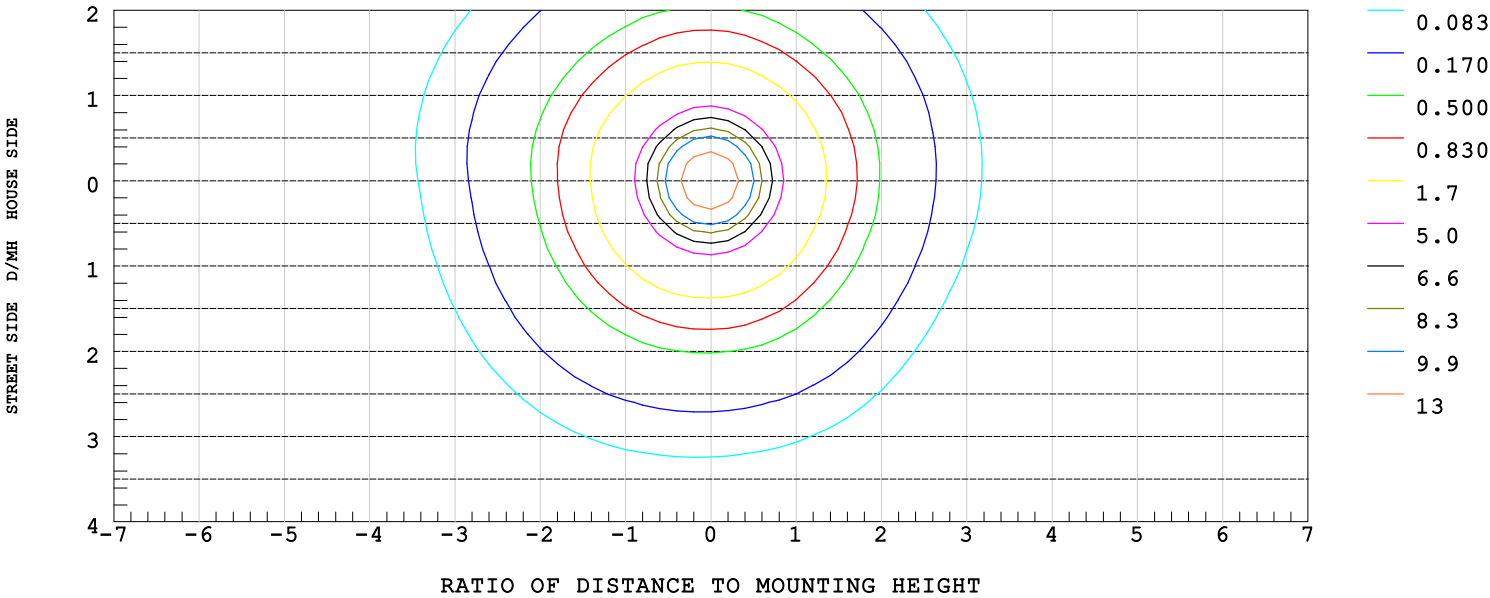
Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:7.500 m  
Remarks: 3000K

ISOLUX DIAGRAM

Report number:

|                                                                      |                          |             |
|----------------------------------------------------------------------|--------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                          |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                          |             |
| NAME: DISC DEEP RECESSED                                             | TYPE: 3000K CRI-90       | WEIGHT:     |
| SPECIFICATION:                                                       | DIMENSION: D-600 H-85 MM | SERIAL No.: |

ILLUMINANCE AT MH=10 m,Enadir = 16.58 lx



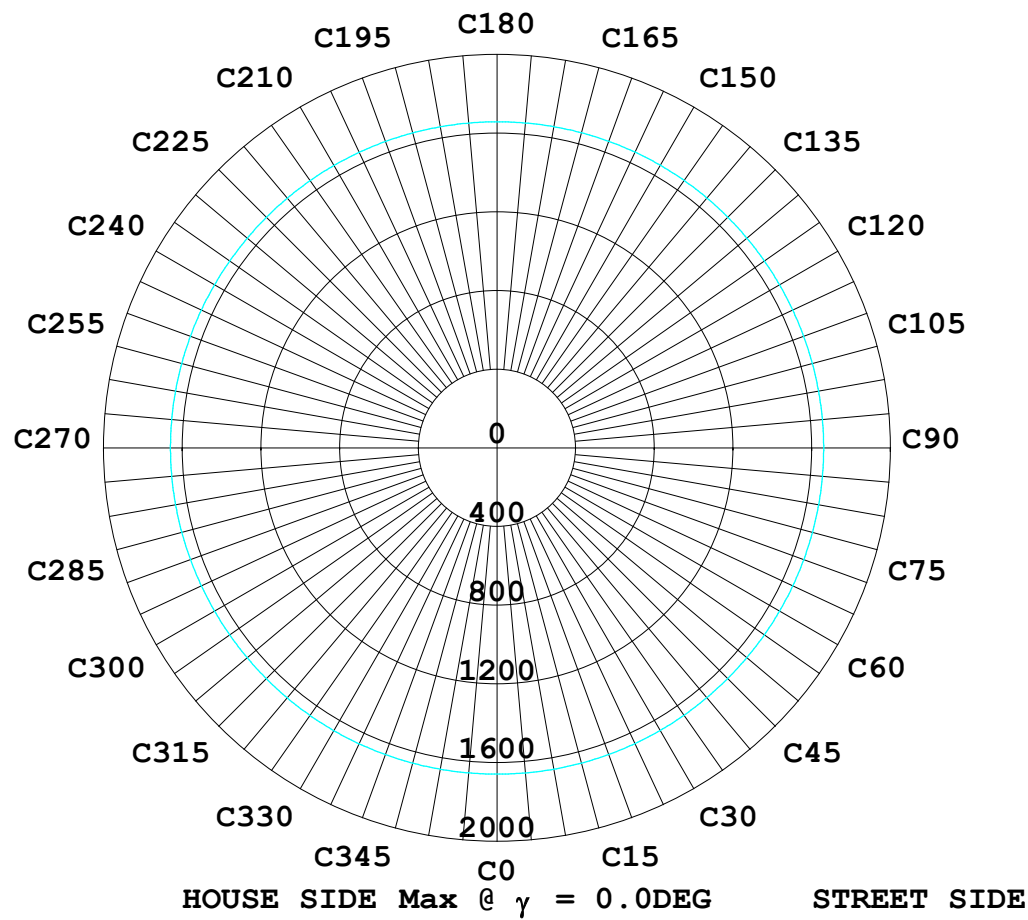
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:06-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:7.500 m  
Remarks: 3000K

ISOCANDELA DIAGRAM

Report number:

|                                                                      |                          |             |
|----------------------------------------------------------------------|--------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                          |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                          |             |
| NAME: DISC DEEP RECESSED                                             | TYPE: 3000K CRI-90       | WEIGHT:     |
| SPECIFICATION:                                                       | DIMENSION: D-600 H-85 MM | SERIAL No.: |



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:06-28-2025

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:7.500 m  
Remarks: 3000K

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

|                                                                      |                          |             |
|----------------------------------------------------------------------|--------------------------|-------------|
| MANUFACTURER: DIVINITY LIGHTS                                        |                          |             |
| Address: Plot No-A-89, RIICO Industrial Area, Karoli, Bhiwadi,301019 |                          |             |
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| SPECIFICATION:                                                       | DIMENSION: D-600 H-85 MM | SERIAL No.: |

UNIT: cd

| C (DEG)<br>γ (DEG) | 0    | 30   | 60   | 90   | 120  | 150  | 180  | 210  | 240  | 270  | 300  | 330  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0.0                | 1658 | 1659 | 1659 | 1660 | 1659 | 1660 | 1658 | 1659 | 1659 | 1660 | 1659 | 1660 |
| 5.0                | 1656 | 1656 | 1655 | 1649 | 1644 | 1637 | 1641 | 1645 | 1644 | 1651 | 1654 | 1660 |
| 10.0               | 1635 | 1634 | 1633 | 1620 | 1612 | 1598 | 1607 | 1611 | 1611 | 1625 | 1630 | 1644 |
| 15.0               | 1598 | 1594 | 1592 | 1575 | 1564 | 1545 | 1557 | 1562 | 1564 | 1582 | 1591 | 1608 |
| 20.0               | 1548 | 1542 | 1539 | 1517 | 1505 | 1481 | 1493 | 1500 | 1503 | 1526 | 1535 | 1557 |
| 25.0               | 1484 | 1473 | 1469 | 1445 | 1430 | 1404 | 1416 | 1427 | 1428 | 1455 | 1467 | 1495 |
| 30.0               | 1404 | 1393 | 1388 | 1360 | 1345 | 1313 | 1331 | 1342 | 1345 | 1375 | 1391 | 1420 |
| 35.0               | 1317 | 1303 | 1299 | 1267 | 1252 | 1215 | 1233 | 1247 | 1249 | 1283 | 1295 | 1331 |
| 40.0               | 1219 | 1201 | 1197 | 1163 | 1146 | 1106 | 1130 | 1144 | 1147 | 1183 | 1198 | 1236 |
| 45.0               | 1111 | 1091 | 1089 | 1048 | 1033 | 990  | 1013 | 1031 | 1032 | 1073 | 1089 | 1131 |
| 50.0               | 996  | 975  | 973  | 930  | 911  | 868  | 890  | 909  | 910  | 952  | 969  | 1015 |
| 55.0               | 873  | 849  | 846  | 801  | 785  | 738  | 764  | 785  | 784  | 830  | 847  | 895  |
| 60.0               | 745  | 717  | 716  | 668  | 651  | 604  | 629  | 653  | 653  | 700  | 717  | 766  |
| 65.0               | 613  | 586  | 583  | 533  | 518  | 471  | 493  | 519  | 517  | 565  | 582  | 632  |
| 70.0               | 479  | 449  | 448  | 398  | 384  | 337  | 361  | 388  | 385  | 434  | 449  | 500  |
| 75.0               | 346  | 316  | 315  | 267  | 255  | 207  | 247  | 259  | 256  | 303  | 317  | 367  |
| 80.0               | 223  | 189  | 194  | 147  | 139  | 101  | 113  | 137  | 135  | 162  | 188  | 239  |
| 85.0               | 108  | 82.5 | 85.4 | 52.7 | 49.0 | 29.8 | 29.3 | 44.4 | 40.3 | 74.6 | 83.9 | 123  |
| 90.0               | 34.4 | 25.0 | 28.3 | 15.1 | 21.0 | 16.0 | 11.7 | 13.6 | 7.87 | 17.4 | 18.3 | 33.7 |

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