

**Luminaire**

Code 90420L201

Name OREO LINEA DOWN L2014 BLINE 940

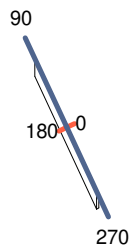
**Measurem.**

Code 30/6/2023

Name OREO LINEA DOWN L2014 BLINE 940

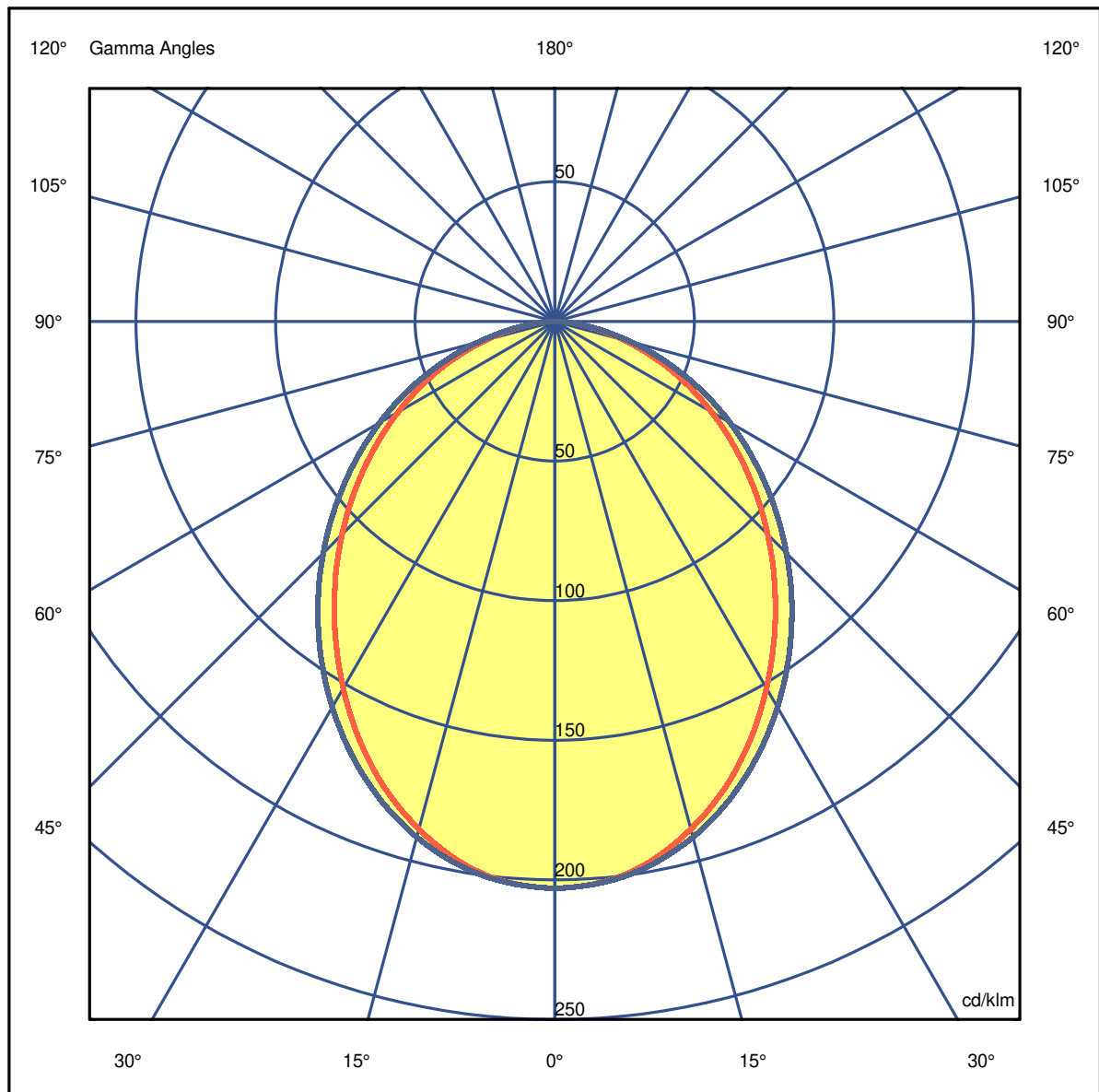
|                |         |                 |               |          |               |            |                    |
|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 1272 lm | Luminaire Power | 26.0 W        | Efficacy | 48.940 lm/W   | Efficiency | 48.94%             |
| Source Flux    | 2600 lm | Maximum value   | 203.00 cd/klm | Position | C=0.00 G=0.00 | CG         | Double Symmetrical |

2013mm x 35mm



C Halfplanes

180.0 ——— 0.0  
270.0 ——— 90.0



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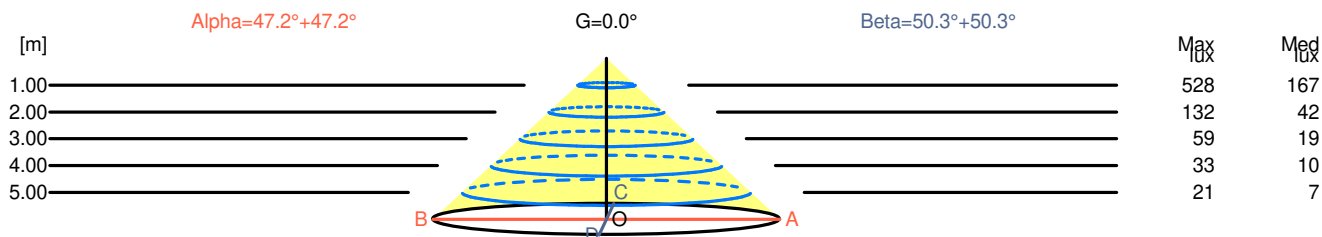
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|                |         |                 |               |          |               |            |                    |
|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 1272 lm | Luminaire Power | 26.0 W        | Efficacy | 48.940 lm/W   | Efficiency | 48.94%             |
| Source Flux    | 2600 lm | Maximum value   | 203.00 cd/klm | Position | C=0.00 G=0.00 | CG         | Double Symmetrical |

Width at 50.00 % of Max Intensity

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| H[m] | 1.00 | 2.00 | 3.00 | 4.00 | 5.00 | H[m] | 1.00 | 2.00 | 3.00 | 4.00 | 5.00 |
| OA   | 1.08 | 2.16 | 3.23 | 4.31 | 5.39 | OC   | 1.20 | 2.41 | 3.61 | 4.82 | 6.02 |
| OB   | 1.08 | 2.16 | 3.23 | 4.31 | 5.39 | OD   | 1.20 | 2.41 | 3.61 | 4.82 | 6.02 |

|    | 0      | 5      | 15     | 25     | 35     | 45     | 55     | 65     | 75    | 85    |
|----|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| OA | 527.80 | 523.64 | 489.32 | 430.30 | 356.46 | 280.28 | 204.88 | 132.86 | 65.78 | 14.56 |
| OB | 527.80 | 523.64 | 489.32 | 430.30 | 356.46 | 280.28 | 204.88 | 132.86 | 65.78 | 14.56 |
| OC | 527.80 | 524.16 | 497.12 | 446.42 | 380.12 | 304.98 | 226.98 | 149.24 | 73.84 | 14.82 |
| OD | 527.80 | 524.16 | 497.12 | 446.42 | 380.12 | 304.98 | 226.98 | 149.24 | 73.84 | 14.82 |



| H[m] | D[m]  | Max lux | Med lux | Alpha=47.2°+47.2° | G=0.0 |  |
|------|-------|---------|---------|-------------------|-------|--|
| 1.00 | 2.16  | 528     | 167     |                   |       |  |
| 2.00 | 4.31  | 132     | 42      |                   |       |  |
| 3.00 | 6.47  | 59      | 19      |                   |       |  |
| 4.00 | 8.62  | 33      | 10      |                   |       |  |
| 5.00 | 10.78 | 21      | 7       |                   |       |  |

| H[m] | D[m]  | Max lux | Med lux | Beta=50.3°+50.3° | G=0.0 |  |
|------|-------|---------|---------|------------------|-------|--|
| 1.00 | 2.41  | 528     | 167     |                  |       |  |
| 2.00 | 4.82  | 132     | 42      |                  |       |  |
| 3.00 | 7.23  | 59      | 19      |                  |       |  |
| 4.00 | 9.64  | 33      | 10      |                  |       |  |
| 5.00 | 12.04 | 21      | 7       |                  |       |  |

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|                |         |                 |               |          |               |            |                    |
|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 1272 lm | Luminaire Power | 26.0 W        | Efficacy | 48.940 lm/W   | Efficiency | 48.94%             |
| Source Flux    | 2600 lm | Maximum value   | 203.00 cd/klm | Position | C=0.00 G=0.00 | CG         | Double Symmetrical |

**UGR**  
S = 0.250

| Reflectancies   |              |      |      |      |      |                |      |      |      |      |
|-----------------|--------------|------|------|------|------|----------------|------|------|------|------|
| 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 | Lateral View |      |      |      |      | Viewed Endwise |      |      |      |      |
| x=2H y=2H       | 15.4         | 16.7 | 15.7 | 16.9 | 17.2 | 17.8           | 19.0 | 18.1 | 19.3 | 19.5 |
| x=2H y=3H       | 16.3         | 17.5 | 16.6 | 17.7 | 18.0 | 19.1           | 20.3 | 19.5 | 20.6 | 20.8 |
| x=2H y=4H       | 16.6         | 17.7 | 16.9 | 17.9 | 18.2 | 19.7           | 20.8 | 20.0 | 21.0 | 21.3 |
| x=2H y=6H       | 16.7         | 17.7 | 17.0 | 18.0 | 18.3 | 20.0           | 21.0 | 20.3 | 21.3 | 21.6 |
| x=2H y=8H       | 16.7         | 17.7 | 17.0 | 18.0 | 18.3 | 20.1           | 21.0 | 20.4 | 21.3 | 21.7 |
| x=2H y=12H      | 16.7         | 17.6 | 17.0 | 17.9 | 18.2 | 20.1           | 21.0 | 20.4 | 21.3 | 21.6 |
| x=4H y=2H       | 16.1         | 17.2 | 16.4 | 17.4 | 17.7 | 18.0           | 19.1 | 18.3 | 19.4 | 19.7 |
| x=4H y=3H       | 17.1         | 18.0 | 17.4 | 18.3 | 18.6 | 19.5           | 20.4 | 19.9 | 20.7 | 21.1 |
| x=4H y=4H       | 17.4         | 18.3 | 17.8 | 18.6 | 19.0 | 20.1           | 20.9 | 20.5 | 21.3 | 21.7 |
| x=4H y=6H       | 17.6         | 18.3 | 18.0 | 18.7 | 19.1 | 20.5           | 21.2 | 20.9 | 21.6 | 22.0 |
| x=4H y=8H       | 17.6         | 18.3 | 18.1 | 18.7 | 19.1 | 20.6           | 21.3 | 21.0 | 21.7 | 22.1 |
| x=4H y=12H      | 17.6         | 18.2 | 18.1 | 18.6 | 19.1 | 20.7           | 21.3 | 21.1 | 21.7 | 22.1 |
| x=8H y=4H       | 17.7         | 18.3 | 18.1 | 18.7 | 19.1 | 20.1           | 20.8 | 20.6 | 21.2 | 21.6 |
| x=8H y=6H       | 17.9         | 18.4 | 18.3 | 18.8 | 19.3 | 20.6           | 21.1 | 21.0 | 21.5 | 22.0 |
| x=8H y=8H       | 17.9         | 18.4 | 18.4 | 18.8 | 19.3 | 20.7           | 21.2 | 21.2 | 21.6 | 22.1 |
| x=8H y=12H      | 17.9         | 18.3 | 18.4 | 18.8 | 19.3 | 20.8           | 21.2 | 21.3 | 21.7 | 22.2 |
| x=12H y=4H      | 17.7         | 18.2 | 18.1 | 18.7 | 19.1 | 20.1           | 20.7 | 20.6 | 21.1 | 21.6 |
| x=12H y=6H      | 17.9         | 18.4 | 18.4 | 18.8 | 19.3 | 20.6           | 21.0 | 21.1 | 21.5 | 22.0 |
| x=12H y=8H      | 18.0         | 18.4 | 18.5 | 18.8 | 19.3 | 20.7           | 21.1 | 21.2 | 21.6 | 22.1 |

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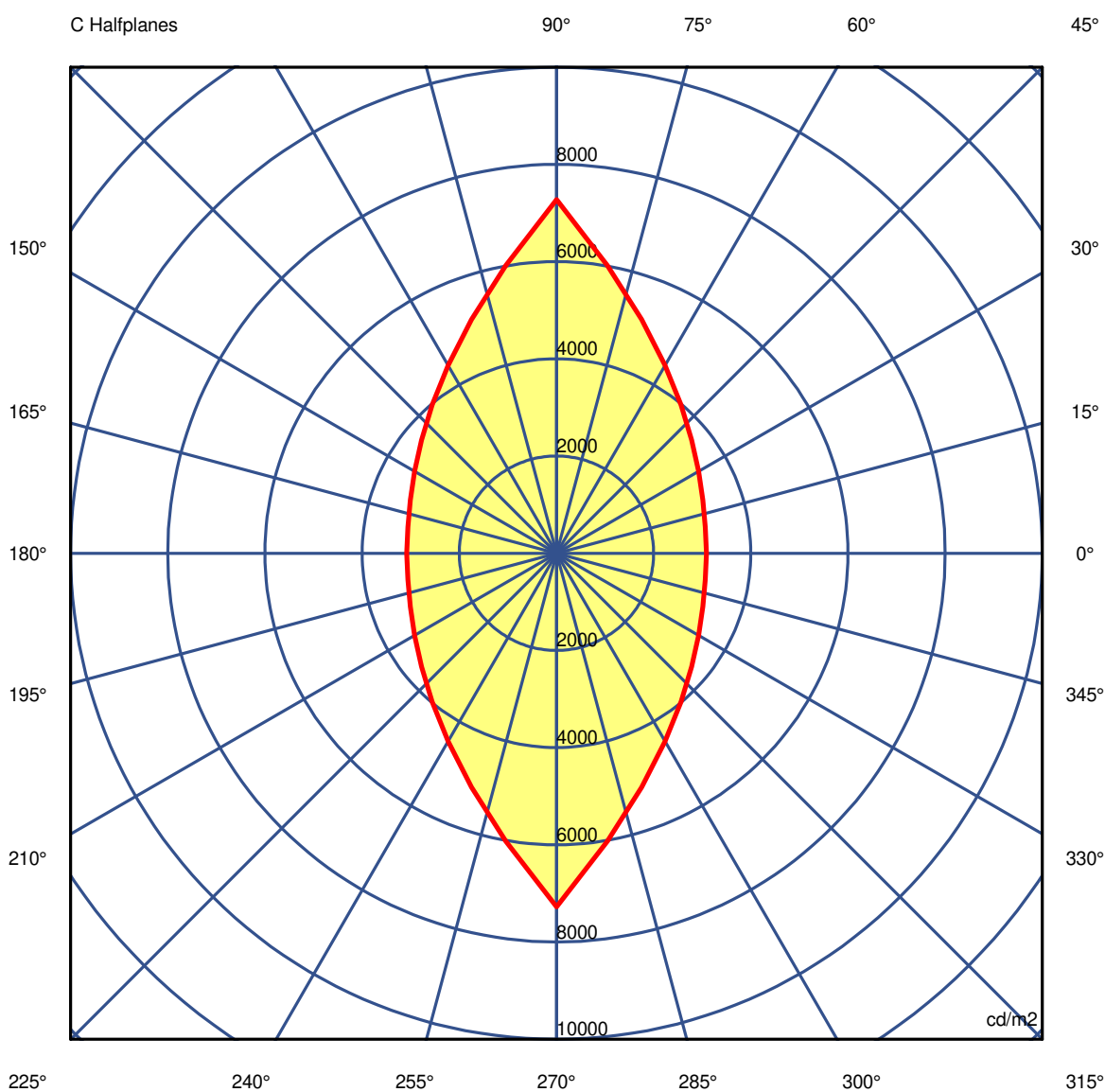
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|                |         |                 |               |          |               |            |                    |
|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 1272 lm | Luminaire Power | 26.0 W        | Efficacy | 48.940 lm/W   | Efficiency | 48.94%             |
| Source Flux    | 2600 lm | Maximum value   | 203.00 cd/klm | Position | C=0.00 G=0.00 | CG         | Double Symmetrical |

Luminance



45.0°

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**Measurement**

Code 30/6/2023

Name OREO LINEA DOWN L2014 BLINE 940

| Luminaire Flux  | 1272 lm |         | Luminaire Power |         | 26.0 W        |         | Efficacy |         | 48.940 lm/W   |         | Efficiency |          | 48.94%             |  |
|-----------------|---------|---------|-----------------|---------|---------------|---------|----------|---------|---------------|---------|------------|----------|--------------------|--|
| Source Flux     | 2600 lm |         | Maximum value   |         | 203.00 cd/klm |         | Position |         | C=0.00 G=0.00 |         | CG         |          | Double Symmetrical |  |
| Luminance cd/m2 |         |         |                 |         |               |         |          |         |               |         |            |          |                    |  |
| Table 1/3       |         |         |                 |         |               |         |          |         |               |         |            |          |                    |  |
|                 | C 0.00  | C 10.00 | C 20.00         | C 30.00 | C 40.00       | C 50.00 | C 60.00  | C 70.00 | C 80.00       | C 90.00 | C 100.00   | C 110.00 | C 120.00           |  |
| G 0.0           | 9059    | 9059    | 9059            | 9059    | 9059          | 9059    | 9059     | 9059    | 9059          | 9059    | 9059       | 9059     | 9059               |  |
| G 5.0           | 8160    | 8160    | 8193            | 8256    | 8335          | 8438    | 8563     | 8700    | 8852          | 9017    | 8852       | 8700     | 8563               |  |
| G 10.0          | 7338    | 7345    | 7401            | 7505    | 7647          | 7830    | 8053     | 8312    | 8606          | 8931    | 8606       | 8312     | 8053               |  |
| G 15.0          | 6570    | 6591    | 6667            | 6806    | 6992          | 7237    | 7542     | 7900    | 8316          | 8793    | 8316       | 7900     | 7542               |  |
| G 20.0          | 5870    | 5884    | 5973            | 6137    | 6360          | 6652    | 7020     | 7459    | 7984          | 8608    | 7984       | 7459     | 7020               |  |
| G 25.0          | 5215    | 5232    | 5328            | 5504    | 5748          | 6075    | 6493     | 7004    | 7626          | 8386    | 7626       | 7004     | 6493               |  |
| G 30.0          | 4604    | 4634    | 4733            | 4914    | 5171          | 5519    | 5973     | 6539    | 7245          | 8137    | 7245       | 6539     | 5973               |  |
| G 35.0          | 4048    | 4076    | 4179            | 4363    | 4626          | 4988    | 5467     | 6070    | 6847          | 7869    | 6847       | 6070     | 5467               |  |
| G 40.0          | 3546    | 3572    | 3673            | 3855    | 4118          | 4481    | 4963     | 5585    | 6422          | 7585    | 6422       | 5585     | 4963               |  |
| G 45.0          | 3083    | 3110    | 3201            | 3374    | 3629          | 3984    | 4469     | 5122    | 6012          | 7276    | 6012       | 5122     | 4469               |  |
| G 50.0          | 2654    | 2679    | 2764            | 2927    | 3168          | 3511    | 3989     | 4645    | 5572          | 6965    | 5572       | 4645     | 3989               |  |
| G 55.0          | 2251    | 2275    | 2354            | 2500    | 2728          | 3053    | 3507     | 4155    | 5109          | 6627    | 5109       | 4155     | 3507               |  |
| G 60.0          | 1871    | 1894    | 1966            | 2104    | 2301          | 2594    | 3025     | 3647    | 4608          | 6273    | 4608       | 3647     | 3025               |  |
| G 65.0          | 1504    | 1522    | 1584            | 1700    | 1878          | 2140    | 2524     | 3101    | 4047          | 5843    | 4047       | 3101     | 2524               |  |
| G 70.0          | 1146    | 1159    | 1210            | 1306    | 1453          | 1674    | 2006     | 2516    | 3405          | 5305    | 3405       | 2516     | 2006               |  |
| G 75.0          | 793     | 804     | 843             | 916     | 1025          | 1195    | 1459     | 1873    | 2646          | 4598    | 2646       | 1873     | 1459               |  |
| G 80.0          | 465     | 470     | 495             | 545     | 610           | 721     | 906      | 1197    | 1774          | 3625    | 1774       | 1197     | 906                |  |
| G 85.0          | 194     | 191     | 206             | 232     | 254           | 303     | 400      | 547     | 863           | 2434    | 863        | 547      | 400                |  |
| G 90.0          | 52      | 42      | 47              | 59      | 56            | 66      | 101      | 127     | 217           | 2818    | 217        | 127      | 101                |  |

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| Luminaire Flux  |          | 1272 lm  |          | Luminaire Power |          | 26.0 W        |          | Efficacy |          | 48.940 lm/W   |          | Efficiency |          | 48.94%             |      |
|-----------------|----------|----------|----------|-----------------|----------|---------------|----------|----------|----------|---------------|----------|------------|----------|--------------------|------|
| Source Flux     |          | 2600 lm  |          | Maximum value   |          | 203.00 cd/klm |          | Position |          | C=0.00 G=0.00 |          | CG         |          | Double Symmetrical |      |
| Luminance cd/m2 |          |          |          |                 |          |               |          |          |          |               |          |            |          | Table 2/3          |      |
|                 | C 130.00 | C 140.00 | C 150.00 | C 160.00        | C 170.00 | C 180.00      | C 190.00 | C 200.00 | C 210.00 | C 220.00      | C 230.00 | C 240.00   | C 250.00 |                    |      |
| G 0.0           | 9059     | 9059     | 9059     | 9059            | 9059     | 9059          | 9059     | 9059     | 9059     | 9059          | 9059     | 9059       | 9059     | 9059               | 9059 |
| G 5.0           | 8438     | 8335     | 8256     | 8193            | 8160     | 8160          | 8160     | 8193     | 8256     | 8335          | 8438     | 8563       | 8700     | 8700               | 8700 |
| G 10.0          | 7830     | 7647     | 7505     | 7401            | 7345     | 7338          | 7345     | 7401     | 7505     | 7647          | 7830     | 8053       | 8312     | 8312               | 8312 |
| G 15.0          | 7237     | 6992     | 6806     | 6667            | 6591     | 6570          | 6591     | 6667     | 6806     | 6992          | 7237     | 7542       | 7900     | 7900               | 7900 |
| G 20.0          | 6652     | 6360     | 6137     | 5973            | 5884     | 5870          | 5884     | 5973     | 6137     | 6360          | 6652     | 7020       | 7459     | 7459               | 7459 |
| G 25.0          | 6075     | 5748     | 5504     | 5328            | 5232     | 5215          | 5232     | 5328     | 5504     | 5748          | 6075     | 6493       | 7004     | 7004               | 7004 |
| G 30.0          | 5519     | 5171     | 4914     | 4733            | 4634     | 4604          | 4634     | 4733     | 4914     | 5171          | 5519     | 5973       | 6539     | 6539               | 6539 |
| G 35.0          | 4988     | 4626     | 4363     | 4179            | 4076     | 4048          | 4076     | 4179     | 4363     | 4626          | 4988     | 5467       | 6070     | 6070               | 6070 |
| G 40.0          | 4481     | 4118     | 3855     | 3673            | 3572     | 3546          | 3572     | 3673     | 3855     | 4118          | 4481     | 4963       | 5585     | 5585               | 5585 |
| G 45.0          | 3984     | 3629     | 3374     | 3201            | 3110     | 3083          | 3110     | 3201     | 3374     | 3629          | 3984     | 4469       | 5122     | 5122               | 5122 |
| G 50.0          | 3511     | 3168     | 2927     | 2764            | 2679     | 2654          | 2679     | 2764     | 2927     | 3168          | 3511     | 3989       | 4645     | 4645               | 4645 |
| G 55.0          | 3053     | 2728     | 2500     | 2354            | 2275     | 2251          | 2275     | 2354     | 2500     | 2728          | 3053     | 3507       | 4155     | 4155               | 4155 |
| G 60.0          | 2594     | 2301     | 2104     | 1966            | 1894     | 1871          | 1894     | 1966     | 2104     | 2301          | 2594     | 3025       | 3647     | 3647               | 3647 |
| G 65.0          | 2140     | 1878     | 1700     | 1584            | 1522     | 1504          | 1522     | 1584     | 1700     | 1878          | 2140     | 2524       | 3101     | 3101               | 3101 |
| G 70.0          | 1674     | 1453     | 1306     | 1210            | 1159     | 1146          | 1159     | 1210     | 1306     | 1453          | 1674     | 2006       | 2516     | 2516               | 2516 |
| G 75.0          | 1195     | 1025     | 916      | 843             | 804      | 793           | 804      | 843      | 916      | 1025          | 1195     | 1459       | 1873     | 1873               | 1873 |
| G 80.0          | 721      | 610      | 545      | 495             | 470      | 465           | 470      | 495      | 545      | 610           | 721      | 906        | 1197     | 1197               | 1197 |
| G 85.0          | 303      | 254      | 232      | 206             | 191      | 194           | 191      | 206      | 232      | 254           | 303      | 400        | 547      | 547                | 547  |
| G 90.0          | 66       | 56       | 59       | 47              | 42       | 52            | 42       | 47       | 59       | 56            | 66       | 101        | 127      | 127                | 127  |

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| Luminaire Flux | 1272 lm | Luminaire Power | 26.0 W        | Efficacy | 48.940 lm/W   | Efficiency | 48.94%             |
| Source Flux    | 2600 lm | Maximum value   | 203.00 cd/klm | Position | C=0.00 G=0.00 | CG         | Double Symmetrical |

**Luminance cd/m2 Table 3/3**

|        | C 260.00 | C 270.00 | C 280.00 | C 290.00 | C 300.00 | C 310.00 | C 320.00 | C 330.00 | C 340.00 | C 350.00 |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| G 0.0  | 9059     | 9059     | 9059     | 9059     | 9059     | 9059     | 9059     | 9059     | 9059     | 9059     |
| G 5.0  | 8852     | 9017     | 8852     | 8700     | 8563     | 8438     | 8335     | 8256     | 8193     | 8160     |
| G 10.0 | 8606     | 8931     | 8606     | 8312     | 8053     | 7830     | 7647     | 7505     | 7401     | 7345     |
| G 15.0 | 8316     | 8793     | 8316     | 7900     | 7542     | 7237     | 6992     | 6806     | 6667     | 6591     |
| G 20.0 | 7984     | 8608     | 7984     | 7459     | 7020     | 6652     | 6360     | 6137     | 5973     | 5884     |
| G 25.0 | 7626     | 8386     | 7626     | 7004     | 6493     | 6075     | 5748     | 5504     | 5328     | 5232     |
| G 30.0 | 7245     | 8137     | 7245     | 6539     | 5973     | 5519     | 5171     | 4914     | 4733     | 4634     |
| G 35.0 | 6847     | 7869     | 6847     | 6070     | 5467     | 4988     | 4626     | 4363     | 4179     | 4076     |
| G 40.0 | 6422     | 7585     | 6422     | 5585     | 4963     | 4481     | 4118     | 3855     | 3673     | 3572     |
| G 45.0 | 6012     | 7276     | 6012     | 5122     | 4469     | 3984     | 3629     | 3374     | 3201     | 3110     |
| G 50.0 | 5572     | 6965     | 5572     | 4645     | 3989     | 3511     | 3168     | 2927     | 2764     | 2679     |
| G 55.0 | 5109     | 6627     | 5109     | 4155     | 3507     | 3053     | 2728     | 2500     | 2354     | 2275     |
| G 60.0 | 4608     | 6273     | 4608     | 3647     | 3025     | 2594     | 2301     | 2104     | 1966     | 1894     |
| G 65.0 | 4047     | 5843     | 4047     | 3101     | 2524     | 2140     | 1878     | 1700     | 1584     | 1522     |
| G 70.0 | 3405     | 5305     | 3405     | 2516     | 2006     | 1674     | 1453     | 1306     | 1210     | 1159     |
| G 75.0 | 2646     | 4598     | 2646     | 1873     | 1459     | 1195     | 1025     | 916      | 843      | 804      |
| G 80.0 | 1774     | 3625     | 1774     | 1197     | 906      | 721      | 610      | 545      | 495      | 470      |
| G 85.0 | 863      | 2434     | 863      | 547      | 400      | 303      | 254      | 232      | 206      | 191      |
| G 90.0 | 217      | 2818     | 217      | 127      | 101      | 66       | 56       | 59       | 47       | 42       |