

**Luminaire**

Code 90654L002  
Name ELI /E 2 PB 930 35° HO

**Measurem.**

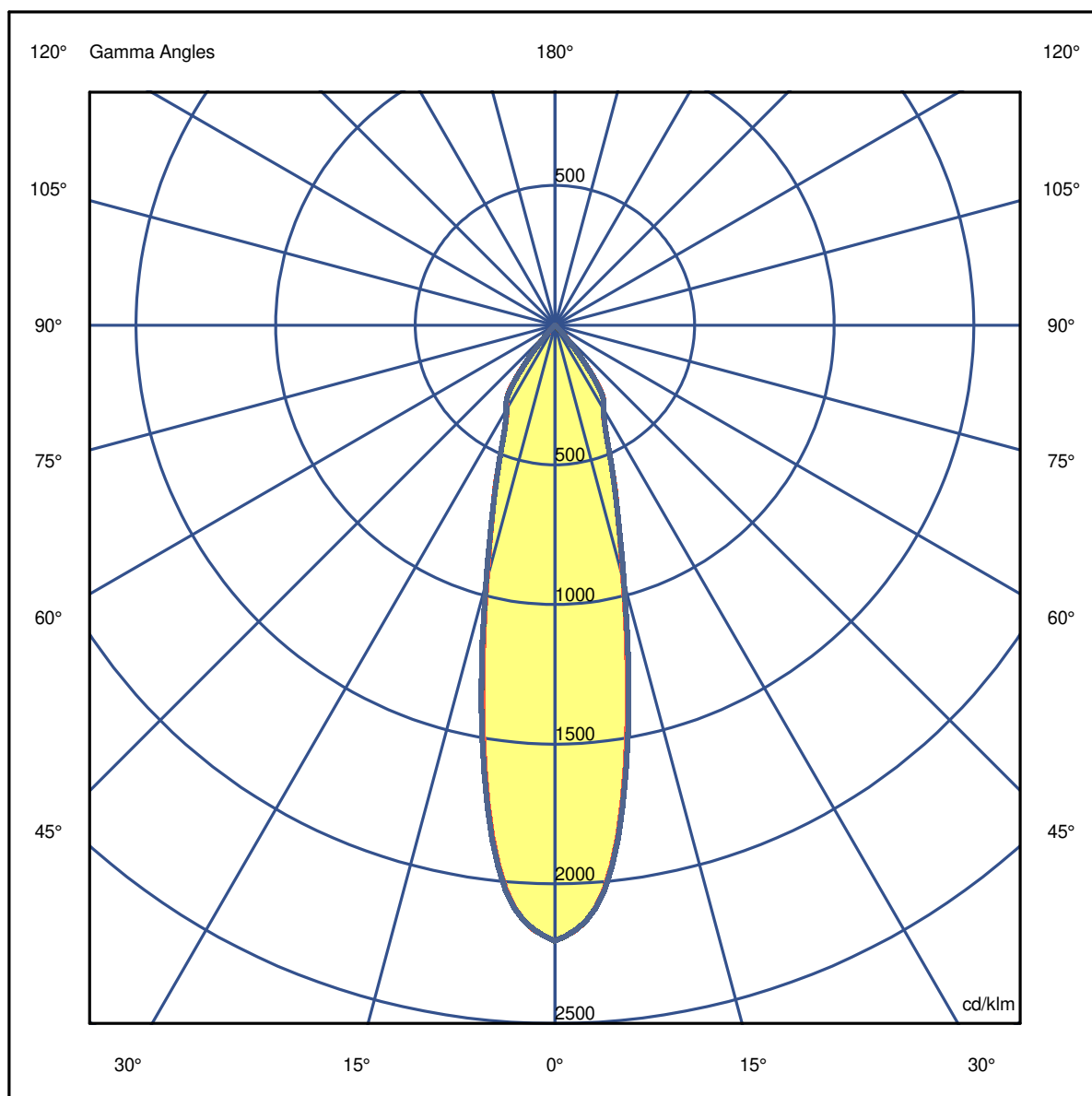
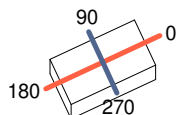
Code 5/9/2023  
Name ELI /E 2 PB 930 35° HO

|                |         |                 |                |          |               |            |                    |
|----------------|---------|-----------------|----------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 2124 lm | Luminaire Power | 16.3 W         | Efficacy | 130.045 lm/W  | Efficiency | 85.01%             |
| Source Flux    | 2498 lm | Maximum value   | 2204.60 cd/klm | Position | C=0.00 G=0.00 | CG         | Double Symmetrical |

115mm x 215mm

C Halfplanes

180.0 ————— 0.0  
270.0 ————— 90.0



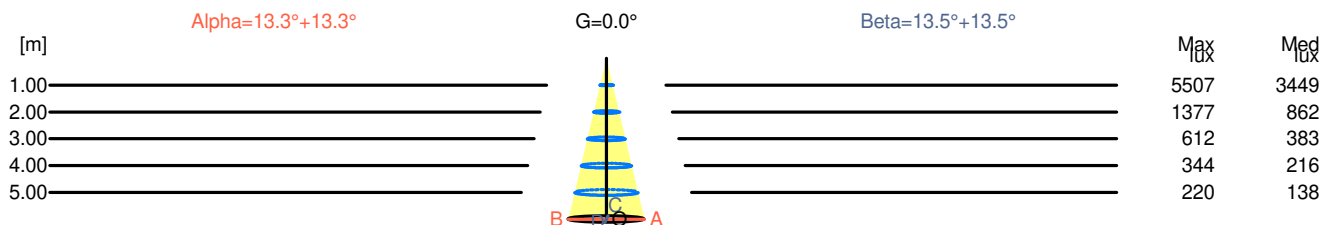
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Name ELI /E 2 PB 930 35° HO**Measurem.**Code 5/9/2023  
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| Luminaire Flux | 2124 lm | Luminaire Power | 16.3 W         | Efficacy | 130.045 lm/W  | Efficiency | 85.01%             |
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Width 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   | 0.24 | 0.47 | 0.71 | 0.95 | 1.18 | OC   | 0.24 | 0.48 | 0.72 | 0.96 | 1.20 |
| OB   | 0.24 | 0.47 | 0.71 | 0.95 | 1.18 | OD   | 0.24 | 0.48 | 0.72 | 0.96 | 1.20 |

|    | 0       | 5       | 15      | 25      | 35     | 45    | 55   | 65   | 75   | 85   |
|----|---------|---------|---------|---------|--------|-------|------|------|------|------|
| OA | 5507.09 | 5063.70 | 2353.37 | 1084.63 | 703.94 | 41.22 | 4.25 | 1.50 | 1.50 | 1.50 |
| OB | 5507.09 | 5063.70 | 2353.37 | 1084.63 | 703.94 | 41.22 | 4.25 | 1.50 | 1.50 | 1.50 |
| OC | 5507.09 | 5071.44 | 2387.59 | 1087.13 | 696.44 | 44.21 | 4.75 | 1.50 | 1.50 | 1.50 |
| OD | 5507.09 | 5071.44 | 2387.59 | 1087.13 | 696.44 | 44.21 | 4.75 | 1.50 | 1.50 | 1.50 |



| H[m] | D[m] | Max lux | Med lux | Alpha=13.3°+13.3° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.47 | 5507    | 3449    |                   |       |
| 2.00 | 0.95 | 1377    | 862     |                   |       |
| 3.00 | 1.42 | 612     | 383     |                   |       |
| 4.00 | 1.89 | 344     | 216     |                   |       |
| 5.00 | 2.37 | 220     | 138     |                   |       |

| H[m] | D[m] | Max lux | Med lux | Beta=13.5°+13.5° | G=0.0 |
|------|------|---------|---------|------------------|-------|
| 1.00 | 0.48 | 5507    | 3449    |                  |       |
| 2.00 | 0.96 | 1377    | 862     |                  |       |
| 3.00 | 1.44 | 612     | 383     |                  |       |
| 4.00 | 1.92 | 344     | 216     |                  |       |
| 5.00 | 2.40 | 220     | 138     |                  |       |

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|                |         |                 |                |          |               |            |                    |
|----------------|---------|-----------------|----------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 2124 lm | Luminaire Power | 16.3 W         | Efficacy | 130.045 lm/W  | Efficiency | 85.01%             |
| Source Flux    | 2498 lm | Maximum value   | 2204.60 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       | 15.1         | 15.7 | 15.3 | 15.9 | 16.1 | 14.5           | 15.1 | 14.7 | 15.3 | 15.5 |
| x=2H y=3H       | 14.9         | 15.5 | 15.2 | 15.8 | 16.0 | 14.3           | 14.9 | 14.6 | 15.1 | 15.4 |
| x=2H y=4H       | 14.9         | 15.4 | 15.2 | 15.7 | 15.9 | 14.2           | 14.8 | 14.5 | 15.1 | 15.3 |
| x=2H y=6H       | 14.8         | 15.3 | 15.1 | 15.6 | 15.9 | 14.2           | 14.7 | 14.5 | 15.0 | 15.3 |
| x=2H y=8H       | 14.8         | 15.3 | 15.1 | 15.5 | 15.8 | 14.1           | 14.6 | 14.5 | 14.9 | 15.2 |
| x=2H y=12H      | 14.7         | 15.2 | 15.1 | 15.5 | 15.8 | 14.1           | 14.6 | 14.4 | 14.9 | 15.2 |
| x=4H y=2H       | 14.9         | 15.4 | 15.2 | 15.7 | 15.9 | 14.2           | 14.8 | 14.5 | 15.1 | 15.3 |
| x=4H y=3H       | 14.7         | 15.2 | 15.1 | 15.5 | 15.8 | 14.1           | 14.6 | 14.4 | 14.9 | 15.2 |
| x=4H y=4H       | 14.7         | 15.1 | 15.0 | 15.4 | 15.7 | 14.0           | 14.4 | 14.4 | 14.8 | 15.1 |
| x=4H y=6H       | 14.6         | 14.9 | 15.0 | 15.3 | 15.6 | 13.9           | 14.3 | 14.3 | 14.6 | 15.0 |
| x=4H y=8H       | 14.5         | 14.8 | 15.0 | 15.2 | 15.6 | 13.9           | 14.2 | 14.3 | 14.6 | 15.0 |
| x=4H y=12H      | 14.5         | 14.8 | 14.9 | 15.2 | 15.6 | 13.9           | 14.1 | 14.3 | 14.5 | 15.0 |
| x=8H y=4H       | 14.5         | 14.8 | 15.0 | 15.2 | 15.6 | 13.9           | 14.2 | 14.3 | 14.6 | 15.0 |
| x=8H y=6H       | 14.5         | 14.7 | 14.9 | 15.1 | 15.5 | 13.8           | 14.1 | 14.3 | 14.5 | 14.9 |
| x=8H y=8H       | 14.4         | 14.6 | 14.9 | 15.0 | 15.5 | 13.8           | 14.0 | 14.3 | 14.4 | 14.9 |
| x=8H y=12H      | 14.4         | 14.5 | 14.9 | 15.0 | 15.5 | 13.7           | 13.9 | 14.2 | 14.3 | 14.8 |
| x=12H y=4H      | 14.5         | 14.8 | 14.9 | 15.2 | 15.6 | 13.9           | 14.1 | 14.3 | 14.5 | 15.0 |
| x=12H y=6H      | 14.4         | 14.6 | 14.9 | 15.0 | 15.5 | 13.8           | 14.0 | 14.3 | 14.4 | 14.9 |
| x=12H y=8H      | 14.4         | 14.5 | 14.8 | 15.0 | 15.4 | 13.7           | 13.9 | 14.2 | 14.3 | 14.8 |

**Luminaire**

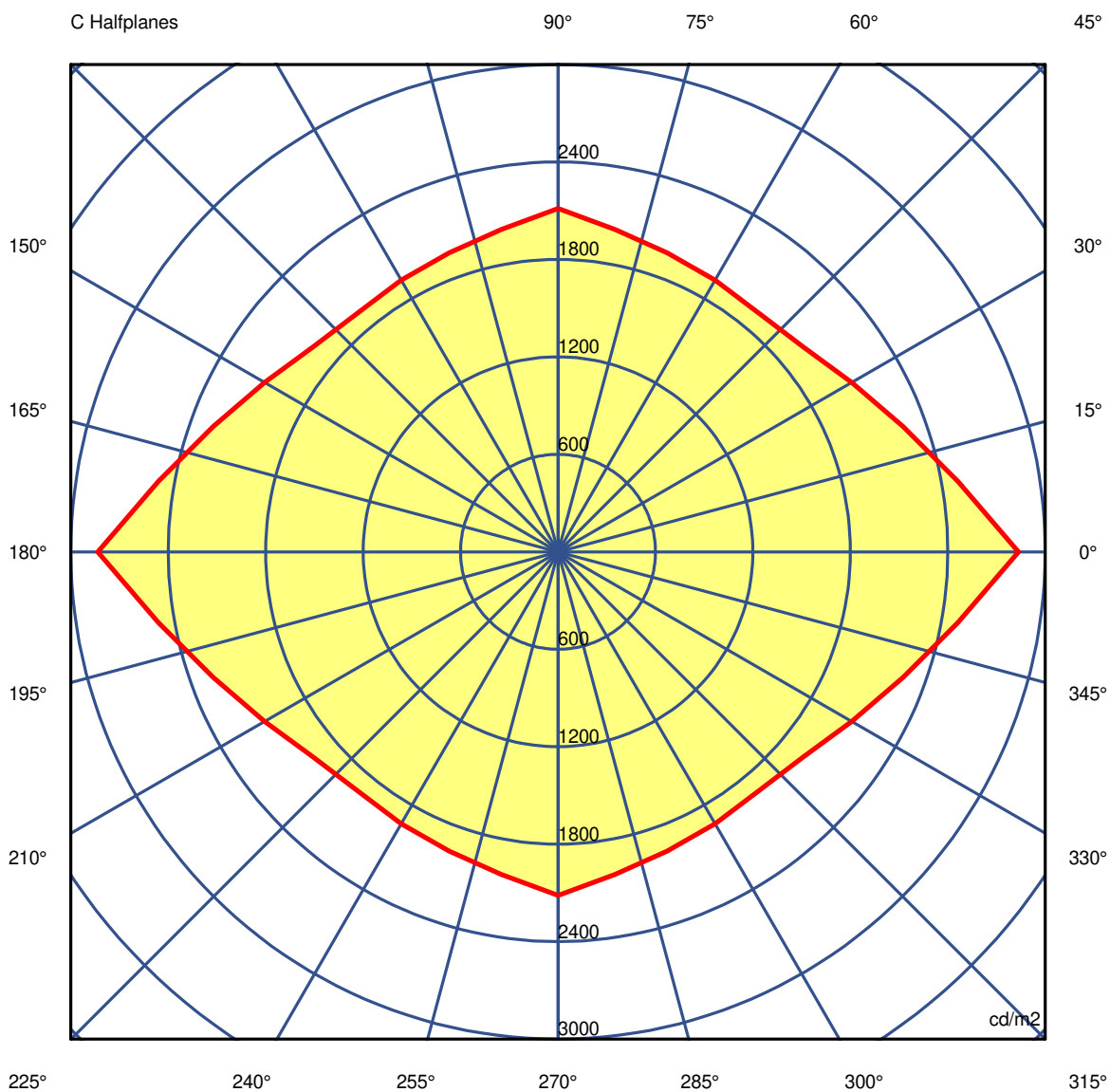
Code 90654L002  
Name ELI /E 2 PB 930 35° HO

**Measurem.**

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|                |         |                 |                |          |               |                       |        |
|----------------|---------|-----------------|----------------|----------|---------------|-----------------------|--------|
| Luminaire Flux | 2124 lm | Luminaire Power | 16.3 W         | Efficacy | 130.045 lm/W  | Efficiency            | 85.01% |
| Source Flux    | 2498 lm | Maximum value   | 2204.60 cd/klm | Position | C=0.00 G=0.00 | CG Double Symmetrical |        |

Luminance



45.0°

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Name ELI /E 2 PB 930 35° HO

| Luminaire Flux  | 2124 lm |         | Luminaire Power |         | 16.3 W         |         | Efficacy |         | 130.045 lm/W  |         | Efficiency |          | 85.01%             |  |
|-----------------|---------|---------|-----------------|---------|----------------|---------|----------|---------|---------------|---------|------------|----------|--------------------|--|
| Source Flux     | 2498 lm |         | Maximum value   |         | 2204.60 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           | 404072  | 404072  | 404072          | 404072  | 404072         | 404072  | 404072   | 404072  | 404072        | 404072  | 404072     | 404072   | 404072             |  |
| G 5.0           | 357073  | 352163  | 347431          | 343284  | 340349         | 337954  | 336020   | 336102  | 337237        | 338875  | 337237     | 336102   | 336020             |  |
| G 10.0          | 253398  | 247195  | 241501          | 236398  | 232519         | 230310  | 229318   | 228715  | 229515        | 231851  | 229515     | 228715   | 229318             |  |
| G 15.0          | 157329  | 150543  | 145375          | 141667  | 138293         | 136452  | 136248   | 135976  | 136400        | 138110  | 136400     | 135976   | 136248             |  |
| G 20.0          | 103460  | 97628   | 93063           | 89527   | 86584          | 85026   | 84550    | 84045   | 84430         | 85878   | 84430      | 84045    | 84550              |  |
| G 25.0          | 70980   | 65876   | 62183           | 59485   | 57246          | 56037   | 55715    | 55523   | 55844         | 56964   | 55844      | 55523    | 55715              |  |
| G 30.0          | 56740   | 52240   | 48977           | 46552   | 44531          | 43267   | 42751    | 42612   | 43022         | 44051   | 43022      | 42612    | 42751              |  |
| G 35.0          | 46498   | 42280   | 39085           | 36711   | 35041          | 33851   | 33133    | 33047   | 33430         | 34305   | 33430      | 33047    | 33133              |  |
| G 40.0          | 17609   | 15724   | 14382           | 13392   | 12596          | 12099   | 11843    | 11657   | 11733         | 12067   | 11733      | 11657    | 11843              |  |
| G 45.0          | 2835    | 2500    | 2260            | 2087    | 1966           | 1920    | 1933     | 1961    | 2017          | 2115    | 2017       | 1961     | 1933               |  |
| G 50.0          | 692     | 569     | 502             | 462     | 435            | 428     | 443      | 442     | 449           | 465     | 449        | 442      | 443                |  |
| G 55.0          | 315     | 283     | 255             | 233     | 219            | 213     | 216      | 216     | 219           | 227     | 219        | 216      | 216                |  |
| G 60.0          | 214     | 173     | 135             | 106     | 99             | 94      | 92       | 92      | 93            | 97      | 93         | 92       | 92                 |  |
| G 65.0          | 124     | 104     | 90              | 81      | 76             | 72      | 70       | 70      | 71            | 74      | 71         | 70       | 70                 |  |
| G 70.0          | 134     | 110     | 94              | 84      | 78             | 74      | 72       | 72      | 73            | 76      | 73         | 72       | 72                 |  |
| G 75.0          | 147     | 89      | 61              | 59      | 76             | 72      | 49       | 45      | 57            | 79      | 57         | 45       | 49                 |  |
| G 80.0          | 163     | 127     | 95              | 62      | 57             | 53      | 52       | 51      | 59            | 83      | 59         | 51       | 52                 |  |
| G 85.0          | 185     | 140     | 99              | 66      | 82             | 80      | 54       | 49      | 63            | 88      | 63         | 49       | 54                 |  |
| G 90.0          | 216     | 121     | 72              | 54      | 60             | 57      | 43       | 43      | 44            | 47      | 44         | 43       | 43                 |  |

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|                 |          |          |                 |          |                |          |          |          |               |          |            |          |                    |           |
|-----------------|----------|----------|-----------------|----------|----------------|----------|----------|----------|---------------|----------|------------|----------|--------------------|-----------|
| Luminaire Flux  | 2124 lm  |          | Luminaire Power |          | 16.3 W         |          | Efficacy |          | 130.045 lm/W  |          | Efficiency |          | 85.01%             |           |
| Source Flux     | 2498 lm  |          | Maximum value   |          | 2204.60 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           | 404072   | 404072   | 404072          | 404072   | 404072         | 404072   | 404072   | 404072   | 404072        | 404072   | 404072     | 404072   | 404072             | 404072    |
| G 5.0           | 337954   | 340349   | 343284          | 347431   | 352163         | 357073   | 352163   | 347431   | 343284        | 340349   | 337954     | 336020   | 336102             | 336102    |
| G 10.0          | 230310   | 232519   | 236398          | 241501   | 247195         | 253398   | 247195   | 241501   | 236398        | 232519   | 230310     | 229318   | 229318             | 228715    |
| G 15.0          | 136452   | 138293   | 141667          | 145375   | 150543         | 157329   | 150543   | 145375   | 141667        | 138293   | 136452     | 136248   | 136248             | 135976    |
| G 20.0          | 85026    | 86584    | 89527           | 93063    | 97628          | 103460   | 97628    | 93063    | 89527         | 86584    | 85026      | 84550    | 84550              | 84045     |
| G 25.0          | 56037    | 57246    | 59485           | 62183    | 65876          | 70980    | 65876    | 62183    | 59485         | 57246    | 56037      | 55715    | 55715              | 55523     |
| G 30.0          | 43267    | 44531    | 46552           | 48977    | 52240          | 56740    | 52240    | 48977    | 46552         | 44531    | 43267      | 42751    | 42751              | 42612     |
| G 35.0          | 33851    | 35041    | 36711           | 39085    | 42280          | 46498    | 42280    | 39085    | 36711         | 35041    | 33851      | 33133    | 33133              | 33047     |
| G 40.0          | 12099    | 12596    | 13392           | 14382    | 15724          | 17609    | 15724    | 14382    | 13392         | 12596    | 12099      | 11843    | 11843              | 11657     |
| G 45.0          | 1920     | 1966     | 2087            | 2260     | 2500           | 2835     | 2500     | 2260     | 2087          | 1966     | 1920       | 1933     | 1933               | 1961      |
| G 50.0          | 428      | 435      | 462             | 502      | 569            | 692      | 569      | 502      | 462           | 435      | 428        | 443      | 443                | 442       |
| G 55.0          | 213      | 219      | 233             | 255      | 283            | 315      | 283      | 255      | 233           | 219      | 213        | 216      | 216                | 216       |
| G 60.0          | 94       | 99       | 106             | 135      | 173            | 214      | 173      | 135      | 106           | 99       | 94         | 92       | 92                 | 92        |
| G 65.0          | 72       | 76       | 81              | 90       | 104            | 124      | 104      | 90       | 81            | 76       | 72         | 70       | 70                 | 70        |
| G 70.0          | 74       | 78       | 84              | 94       | 110            | 134      | 110      | 94       | 84            | 78       | 74         | 72       | 72                 | 72        |
| G 75.0          | 72       | 76       | 59              | 61       | 89             | 147      | 89       | 61       | 59            | 76       | 72         | 49       | 49                 | 45        |
| G 80.0          | 53       | 57       | 62              | 95       | 127            | 163      | 127      | 95       | 62            | 57       | 53         | 52       | 51                 | 51        |
| G 85.0          | 80       | 82       | 66              | 99       | 140            | 185      | 140      | 99       | 66            | 82       | 80         | 54       | 54                 | 49        |
| G 90.0          | 57       | 60       | 54              | 72       | 121            | 216      | 121      | 72       | 54            | 60       | 57         | 43       | 43                 | 43        |

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**Measurem.**

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|----------------|---------|-----------------|----------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 2124 lm | Luminaire Power | 16.3 W         | Efficacy | 130.045 lm/W  | Efficiency | 85.01%             |
| Source Flux    | 2498 lm | Maximum value   | 2204.60 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  | 404072   | 404072   | 404072   | 404072   | 404072   | 404072   | 404072   | 404072   | 404072   | 404072   |
| G 5.0  | 337237   | 338875   | 337237   | 336102   | 336020   | 337954   | 340349   | 343284   | 347431   | 352163   |
| G 10.0 | 229515   | 231851   | 229515   | 228715   | 229318   | 230310   | 232519   | 236398   | 241501   | 247195   |
| G 15.0 | 136400   | 138110   | 136400   | 135976   | 136248   | 136452   | 138293   | 141667   | 145375   | 150543   |
| G 20.0 | 84430    | 85878    | 84430    | 84045    | 84550    | 85026    | 86584    | 89527    | 93063    | 97628    |
| G 25.0 | 55844    | 56964    | 55844    | 55523    | 55715    | 56037    | 57246    | 59485    | 62183    | 65876    |
| G 30.0 | 43022    | 44051    | 43022    | 42612    | 42751    | 43267    | 44531    | 46552    | 48977    | 52240    |
| G 35.0 | 33430    | 34305    | 33430    | 33047    | 33133    | 33851    | 35041    | 36711    | 39085    | 42280    |
| G 40.0 | 11733    | 12067    | 11733    | 11657    | 11843    | 12099    | 12596    | 13392    | 14382    | 15724    |
| G 45.0 | 2017     | 2115     | 2017     | 1961     | 1933     | 1920     | 1966     | 2087     | 2260     | 2500     |
| G 50.0 | 449      | 465      | 449      | 442      | 443      | 428      | 435      | 462      | 502      | 569      |
| G 55.0 | 219      | 227      | 219      | 216      | 216      | 213      | 219      | 233      | 255      | 283      |
| G 60.0 | 93       | 97       | 93       | 92       | 92       | 94       | 99       | 106      | 135      | 173      |
| G 65.0 | 71       | 74       | 71       | 70       | 70       | 72       | 76       | 81       | 90       | 104      |
| G 70.0 | 73       | 76       | 73       | 72       | 72       | 74       | 78       | 84       | 94       | 110      |
| G 75.0 | 57       | 79       | 57       | 45       | 49       | 72       | 76       | 59       | 61       | 89       |
| G 80.0 | 59       | 83       | 59       | 51       | 52       | 53       | 57       | 62       | 95       | 127      |
| G 85.0 | 63       | 88       | 63       | 49       | 54       | 80       | 82       | 66       | 99       | 140      |
| G 90.0 | 44       | 47       | 44       | 43       | 43       | 57       | 60       | 54       | 72       | 121      |