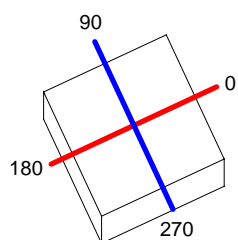


| Luminaire                  |                    |                    | Measurem.                   |                     |                | Lamp               |                      |
|----------------------------|--------------------|--------------------|-----------------------------|---------------------|----------------|--------------------|----------------------|
| Code                       | 5447               |                    | Code                        | 5447                |                | Code               | 7 LED PL 350MA 7.35W |
| Name                       | 7 ceiling lamp LED |                    | Name                        | 7 ceiling lamp LED  |                | Number             | 1                    |
| Line                       | VIBIA-Puck         |                    | Date                        | 07-08-2014          |                | Position           | Universal            |
| Efficiency                 |                    | 56.86%             | Coordinate system           | CG                  |                | Total Flux         | 5750.50 lm           |
| Maximum value              |                    | 142.62 cd/klm      | Position                    | C=0.00 G=0.00       |                | Double Symmetrical |                      |
| Rectangular Luminaire      |                    | Length             | 800 mm                      | Width               | 790 mm         | Height             | 110 mm               |
| Rectangular Luminous Area  |                    | Length             | 800 mm                      | Width               | 790 mm         | Height             | 95 mm                |
| Horizontal Luminous Area   |                    | 0.632000 m2        | Emitting area on Plane 180° |                     |                | 0.076000 m2        |                      |
| Emitting area on Plane 0°  |                    | 0.076000 m2        | Emitting area on Plane 270° |                     |                | 0.075050 m2        |                      |
| Emitting area on Plane 90° |                    | 0.075050 m2        | Glare area at 76°           |                     |                | 0.226637 m2        |                      |
| Symmetry Type              |                    | Double Symmetrical |                             | Maximum Gamma Angle |                | 180                |                      |
| Measurement Distance       |                    | 0.00               |                             | Measurement Flux    |                | 5750.50 lm         |                      |
| Operator                   |                    |                    |                             |                     | Source voltage |                    | 230.00 V             |
| Temperature                |                    | 25.00 °C           |                             |                     |                | Source current     |                      |
| Humidity                   |                    | 50.00 %            |                             |                     |                | Photocell          |                      |
| Notes                      |                    |                    |                             |                     |                |                    |                      |

| Luminaire Lamps |                      |                      |           |          |      |
|-----------------|----------------------|----------------------|-----------|----------|------|
| Line            | Code                 | Name                 | Flux [lm] | Pow. [W] | Q.ty |
| - VIBIA         | 7 LED PL 350MA 7.35W | Lámpara 7 leds 7.35W | 5750.50   | 51.00    | 1    |
| C.I.E.          | 43 72 90 79 57       | D DIN 5040           |           | B31      |      |
| F UTE           | 0.45 G + 0.12 T      | B NBN                |           | BZ 5     |      |

800mm x 790mm

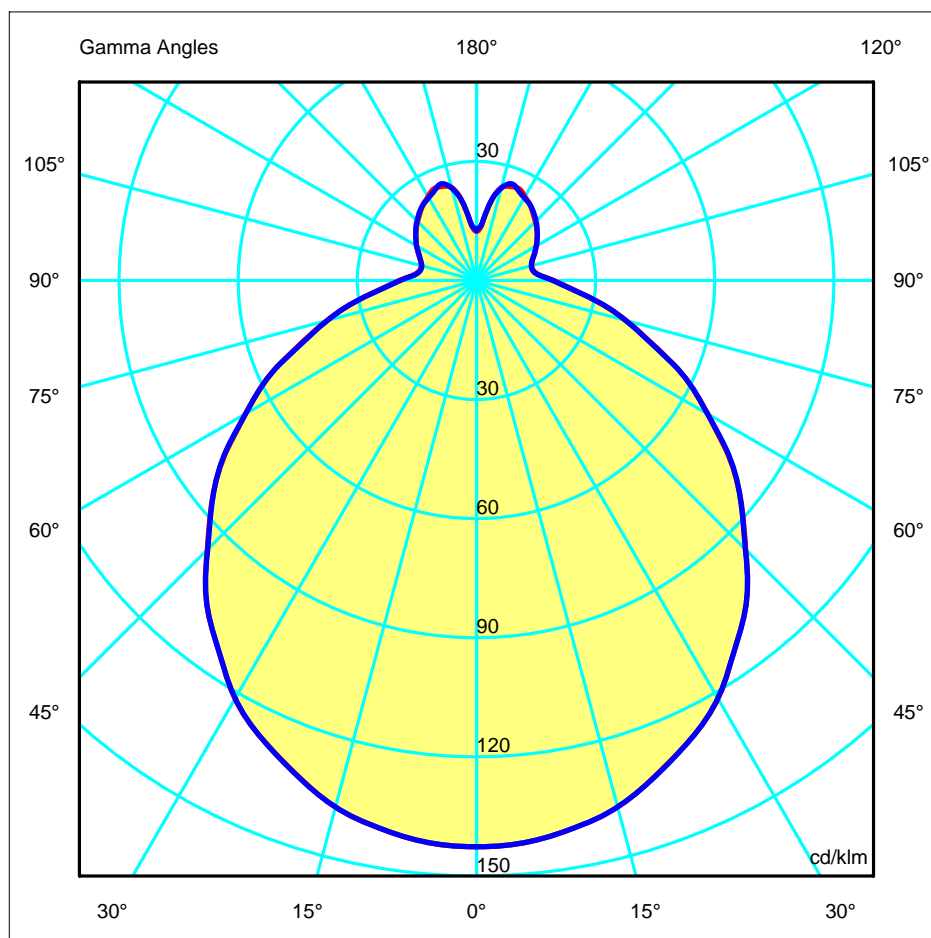


C Halfplanes

180.0 — 0.0

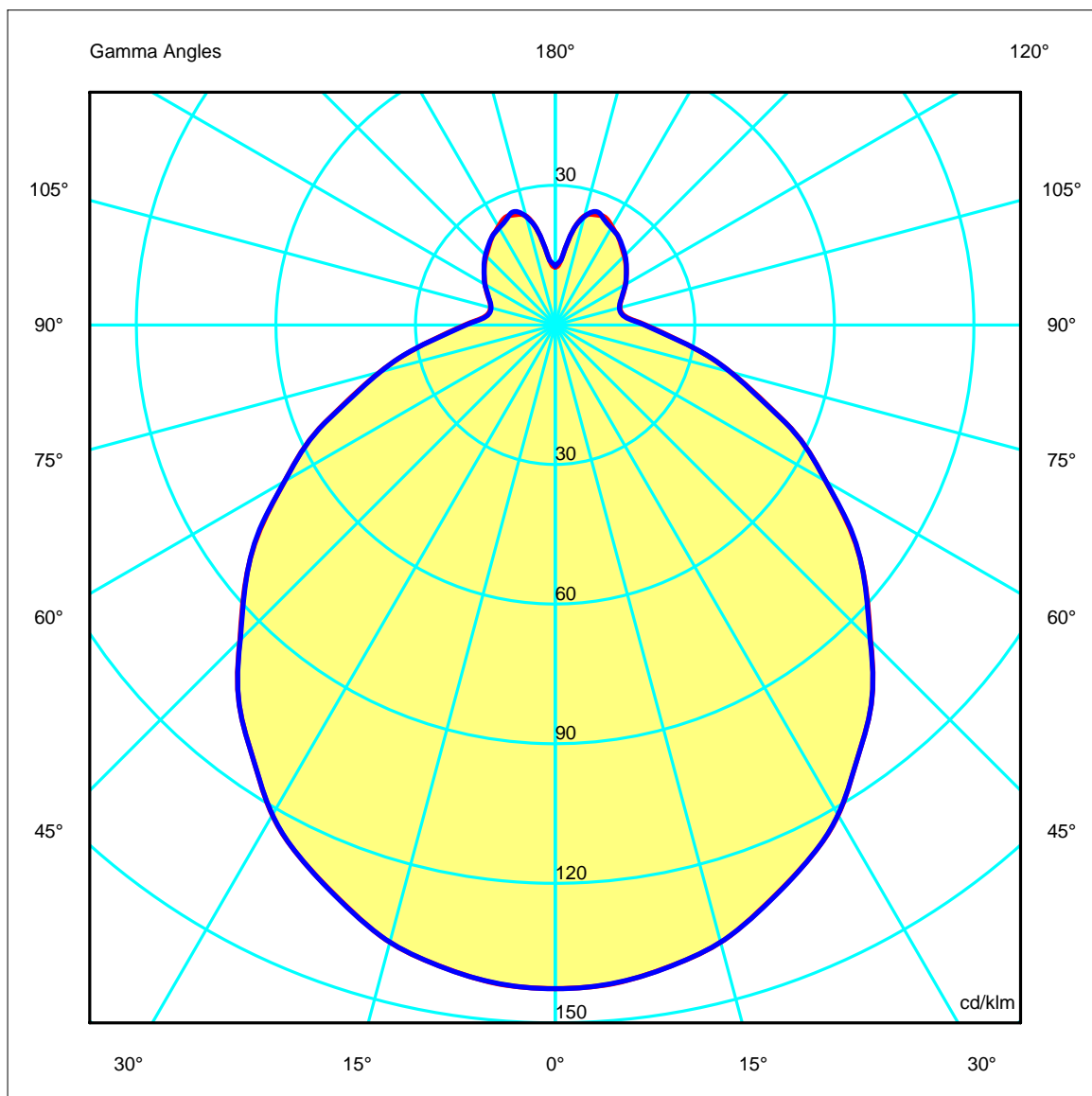
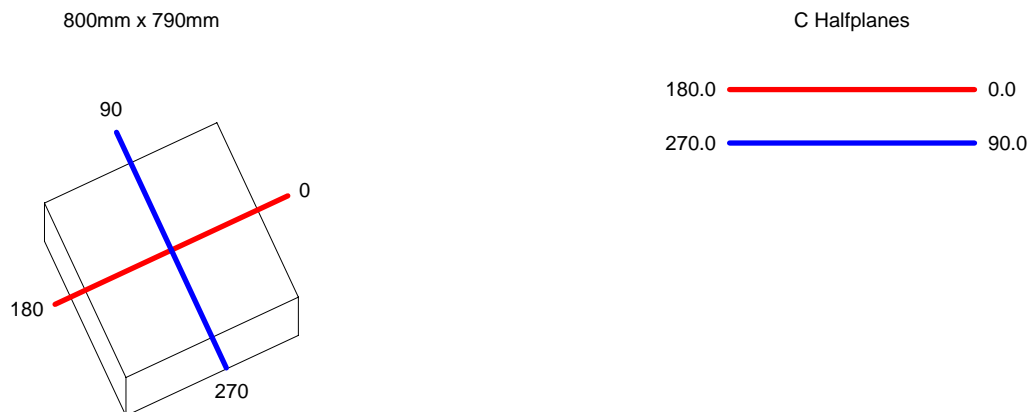
270.0 — 90.0

ULOR 11.70 %  
 DLOR 45.16 %  
 RN 20.58 %



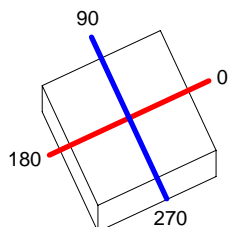
|  |                    |                   |                    |             |                      |         |         |
|--|--------------------|-------------------|--------------------|-------------|----------------------|---------|---------|
| <b>Luminaire</b>                       |                    | <b>Measurem.</b>  |                    | <b>Lamp</b> |                      |         |         |
| Code                                   | 5447               | Code              | 5447               | Code        | 7 LED PL 350MA 7.35W |         |         |
| Name                                   | 7 ceiling lamp LED | Name              | 7 ceiling lamp LED | Number      | 1                    |         |         |
| Line                                   | VIBIA-Puck         | Date              | 07-08-2014         | Position    | Universal            |         |         |
| Efficiency                             | 56.86%             | Coordinate system | CG                 | Total Flux  | 5750.50 lm           |         |         |
| <b>Luminous Intensity Table cd/klm</b> |                    |                   | <b>Table 1/1</b>   |             |                      |         |         |
|  | C 0.00             | C 15.00           | C 30.00            | C 45.00     | C 60.00              | C 75.00 | C 90.00 |
| G 0.0                                  | 142.62             | 142.62            | 142.62             | 142.62      | 142.62               | 142.62  | 142.62  |
| G 5.0                                  | 142.11             | 142.02            | 142.13             | 141.96      | 141.96               | 141.96  | 142.08  |
| G 10.0                                 | 140.09             | 140.23            | 140.47             | 140.18      | 140.10               | 140.15  | 140.09  |
| G 15.0                                 | 137.33             | 137.19            | 137.49             | 137.08      | 137.26               | 137.02  | 137.30  |
| G 20.0                                 | 132.48             | 132.85            | 133.43             | 132.92      | 133.06               | 132.99  | 132.55  |
| G 25.0                                 | 127.51             | 127.46            | 127.99             | 127.47      | 127.49               | 127.50  | 127.51  |
| G 30.0                                 | 121.63             | 121.10            | 121.86             | 121.00      | 120.91               | 120.88  | 121.55  |
| G 35.0                                 | 113.33             | 113.72            | 114.53             | 113.79      | 113.35               | 113.57  | 113.33  |
| G 40.0                                 | 105.84             | 105.34            | 106.16             | 105.39      | 105.71               | 104.92  | 105.81  |
| G 45.0                                 | 95.85              | 96.25             | 97.55              | 96.54       | 96.79                | 96.68   | 95.73   |
| G 50.0                                 | 87.05              | 86.93             | 87.68              | 87.02       | 87.04                | 87.00   | 86.93   |
| G 55.0                                 | 77.67              | 77.05             | 78.45              | 77.07       | 77.07                | 77.16   | 77.89   |
| G 60.0                                 | 67.15              | 67.49             | 68.44              | 67.66       | 67.04                | 67.46   | 67.13   |
| G 65.0                                 | 58.06              | 57.66             | 58.50              | 57.64       | 57.43                | 57.05   | 58.00   |
| G 70.0                                 | 47.46              | 47.81             | 49.21              | 47.72       | 48.36                | 48.20   | 47.19   |
| G 75.0                                 | 39.06              | 38.94             | 39.59              | 38.98       | 38.94                | 38.94   | 38.95   |
| G 80.0                                 | 31.09              | 30.66             | 31.82              | 30.72       | 30.65                | 30.72   | 31.16   |
| G 85.0                                 | 24.07              | 24.11             | 24.77              | 24.02       | 23.81                | 23.90   | 23.81   |
| G 90.0                                 | 19.44              | 19.06             | 19.54              | 19.20       | 18.87                | 18.90   | 19.20   |
| G 95.0                                 | 15.93              | 15.87             | 16.31              | 15.95       | 15.93                | 16.07   | 15.70   |
| G100.0                                 | 14.57              | 14.49             | 14.58              | 14.47       | 14.41                | 14.45   | 14.40   |
| G105.0                                 | 14.36              | 14.34             | 14.30              | 14.32       | 14.29                | 14.27   | 14.24   |
| G110.0                                 | 15.07              | 15.03             | 14.95              | 15.05       | 15.01                | 15.00   | 15.00   |
| G115.0                                 | 16.12              | 16.17             | 16.09              | 16.18       | 16.19                | 16.18   | 16.04   |
| G120.0                                 | 17.44              | 17.41             | 17.26              | 17.41       | 17.42                | 17.36   | 17.47   |
| G125.0                                 | 18.62              | 18.59             | 18.54              | 18.56       | 18.60                | 18.66   | 18.62   |
| G130.0                                 | 19.88              | 19.71             | 19.51              | 19.67       | 19.87                | 19.93   | 19.98   |
| G135.0                                 | 21.01              | 20.97             | 20.69              | 20.96       | 21.14                | 21.19   | 21.22   |
| G140.0                                 | 22.14              | 22.22             | 22.15              | 22.35       | 22.51                | 22.42   | 22.34   |
| G145.0                                 | 23.42              | 23.43             | 23.51              | 23.70       | 23.71                | 23.44   | 23.43   |
| G150.0                                 | 24.38              | 24.50             | 24.67              | 24.86       | 24.81                | 24.37   | 24.08   |
| G155.0                                 | 25.49              | 25.38             | 25.47              | 25.58       | 25.51                | 25.16   | 24.95   |
| G160.0                                 | 25.21              | 25.58             | 25.93              | 25.92       | 25.71                | 25.70   | 25.93   |
| G165.0                                 | 24.24              | 24.08             | 24.50              | 24.53       | 24.53                | 24.13   | 24.07   |
| G170.0                                 | 19.91              | 20.21             | 20.61              | 20.22       | 20.28                | 20.43   | 19.96   |
| G175.0                                 | 13.93              | 15.01             | 14.64              | 15.22       | 13.90                | 15.12   | 13.90   |
| G180.0                                 | 12.43              | 12.36             | 12.19              | 12.10       | 12.28                | 12.57   | 12.64   |

|                  |                    |                   |                    |             |                      |
|------------------|--------------------|-------------------|--------------------|-------------|----------------------|
| <b>Luminaire</b> |                    | <b>Measurem.</b>  |                    | <b>Lamp</b> |                      |
| Code             | 5447               | Code              | 5447               | Code        | 7 LED PL 350MA 7.35W |
| Name             | 7 ceiling lamp LED | Name              | 7 ceiling lamp LED | Number      | 1                    |
| Line             | VIBIA-Puck         | Date              | 07-08-2014         | Position    | Universal            |
| Efficiency       | 56.86%             | Coordinate system | CG                 | Total Flux  | 5750.50 lm           |



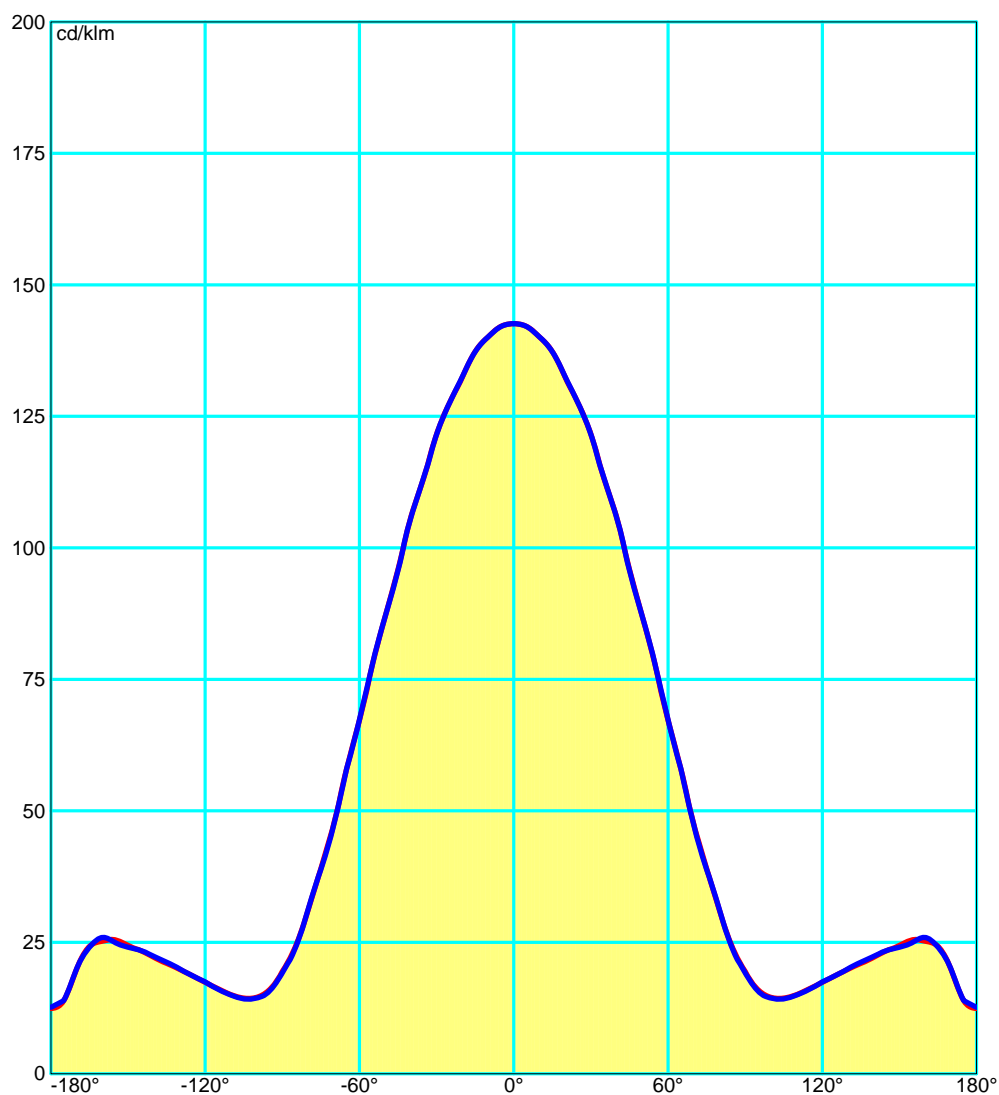
|                  |                    |                   |                    |             |                      |
|------------------|--------------------|-------------------|--------------------|-------------|----------------------|
| <b>Luminaire</b> |                    | <b>Measurem.</b>  |                    | <b>Lamp</b> |                      |
| Code             | 5447               | Code              | 5447               | Code        | 7 LED PL 350MA 7.35W |
| Name             | 7 ceiling lamp LED | Name              | 7 ceiling lamp LED | Number      | 1                    |
| Line             | VIBIA-Puck         | Date              | 07-08-2014         | Position    | Universal            |
| Efficiency       | 56.86%             | Coordinate system | CG                 | Total Flux  | 5750.50 lm           |

800mm x 790mm



C Halfplanes

180.0 — 0.0  
 270.0 — 90.0



|                  |                    |                   |                    |             |                      |
|------------------|--------------------|-------------------|--------------------|-------------|----------------------|
| <b>Luminaire</b> |                    | <b>Measurem.</b>  |                    | <b>Lamp</b> |                      |
| Code             | 5447               | Code              | 5447               | Code        | 7 LED PL 350MA 7.35W |
| Name             | 7 ceiling lamp LED | Name              | 7 ceiling lamp LED | Number      | 1                    |
| Line             | VIBIA-Puck         | Date              | 07-08-2014         | Position    | Universal            |
| Efficiency       | 56.86%             | Coordinate system | CG                 | Total Flux  | 5750.50 lm           |

**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  |
| WorkingPlane   | 0.2             | 0.2  | 0.2  | 0.2  | 0.2  | 0.2           | 0.2  | 0.2  | 0.2  | 0.2  |
| RoomDimensions | ViewedCrosswise |      |      |      |      | ViewedEndwise |      |      |      |      |
| x=2H y=2H      | 11.1            | 12.3 | 11.7 | 12.8 | 13.4 | 11.1          | 12.2 | 11.7 | 12.8 | 13.4 |
| x=2H y=3H      | 12.9            | 13.9 | 13.5 | 14.5 | 15.2 | 12.9          | 13.9 | 13.5 | 14.5 | 15.2 |
| x=2H y=4H      | 13.7            | 14.7 | 14.4 | 15.3 | 16.0 | 13.7          | 14.7 | 14.3 | 15.3 | 16.0 |
| x=2H y=6H      | 14.5            | 15.4 | 15.2 | 16.0 | 16.7 | 14.5          | 15.4 | 15.2 | 16.0 | 16.7 |
| x=2H y=8H      | 14.9            | 15.8 | 15.5 | 16.4 | 17.1 | 14.9          | 15.8 | 15.5 | 16.4 | 17.1 |
| x=2H y=12H     | 15.3            | 16.1 | 15.9 | 16.7 | 17.5 | 15.3          | 16.1 | 15.9 | 16.7 | 17.5 |
| x=4H y=2H      | 11.8            | 12.8 | 12.5 | 13.4 | 14.1 | 11.8          | 12.8 | 12.4 | 13.4 | 14.1 |
| x=4H y=3H      | 13.8            | 14.6 | 14.5 | 15.3 | 16.0 | 13.8          | 14.6 | 14.4 | 15.2 | 16.0 |
| x=4H y=4H      | 14.8            | 15.5 | 15.4 | 16.1 | 16.9 | 14.7          | 15.5 | 15.4 | 16.1 | 16.9 |
| x=4H y=6H      | 15.7            | 16.3 | 16.4 | 17.0 | 17.8 | 15.7          | 16.3 | 16.4 | 17.0 | 17.8 |
| x=4H y=8H      | 16.2            | 16.7 | 16.9 | 17.5 | 18.3 | 16.1          | 16.7 | 16.9 | 17.5 | 18.3 |
| x=4H y=12H     | 16.6            | 17.1 | 17.3 | 17.9 | 18.7 | 16.6          | 17.1 | 17.3 | 17.8 | 18.7 |
| x=8H y=4H      | 15.2            | 15.7 | 15.9 | 16.5 | 17.3 | 15.1          | 15.7 | 15.9 | 16.4 | 17.3 |
| x=8H y=6H      | 16.3            | 16.8 | 17.0 | 17.5 | 18.3 | 16.3          | 16.8 | 17.0 | 17.5 | 18.3 |
| x=8H y=8H      | 16.9            | 17.3 | 17.6 | 18.0 | 18.9 | 16.8          | 17.3 | 17.6 | 18.0 | 18.9 |
| x=8H y=12H     | 17.5            | 17.8 | 18.2 | 18.6 | 19.5 | 17.4          | 17.8 | 18.2 | 18.6 | 19.5 |
| x=12H y=4H     | 15.2            | 15.7 | 15.9 | 16.5 | 17.3 | 15.2          | 15.7 | 15.9 | 16.4 | 17.3 |
| x=12H y=6H     | 16.4            | 16.8 | 17.2 | 17.6 | 18.4 | 16.4          | 16.8 | 17.1 | 17.5 | 18.4 |
| x=12H y=8H     | 17.1            | 17.4 | 17.8 | 18.2 | 19.1 | 17.0          | 17.4 | 17.8 | 18.2 | 19.1 |

|                  |                    |                   |                    |             |                      |
|------------------|--------------------|-------------------|--------------------|-------------|----------------------|
| <b>Luminaire</b> |                    | <b>Measur.</b>    |                    | <b>Lamp</b> |                      |
| Code             | 5447               | Code              | 5447               | Code        | 7 LED PL 350MA 7.35W |
| Name             | 7 ceiling lamp LED | Name              | 7 ceiling lamp LED | Number      | 1                    |
| Line             | VIBIA-Puck         | Date              | 07-08-2014         | Position    | Universal            |
| Efficiency       | 56.86%             | Coordinate system | CG                 | Total Flux  | 5750.50 lm           |

Total Flux=5750.50 Luminaire Flux=3269.75

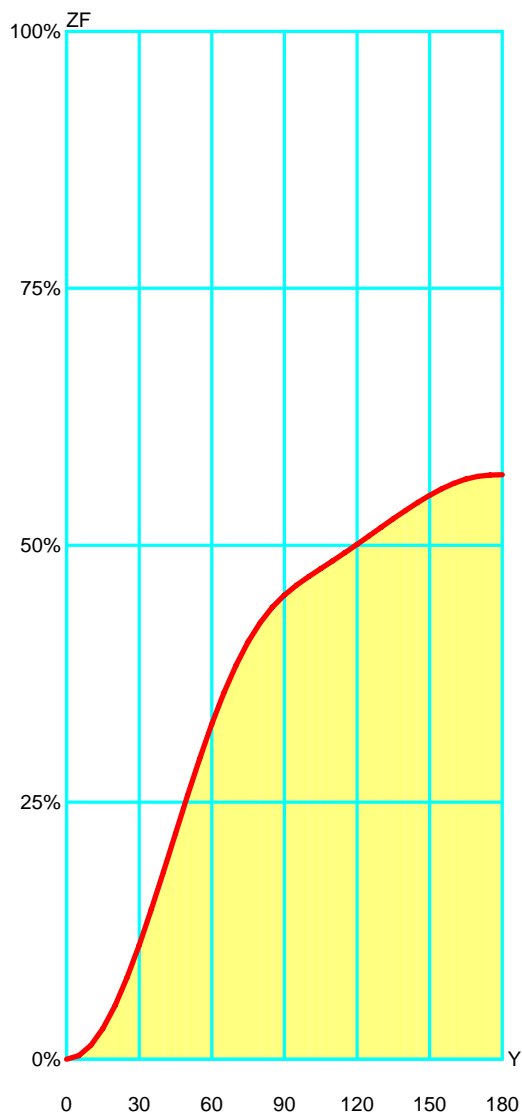
|     |      |      |      |      |      |      |      |      |      |      |       |       |
|-----|------|------|------|------|------|------|------|------|------|------|-------|-------|
| RI  | 0.60 | 0.80 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | 10.00 | 20.00 |
| DRR | 0.28 | 0.35 | 0.42 | 0.49 | 0.55 | 0.63 | 0.69 | 0.73 | 0.78 | 0.82 | 0.89  | 0.94  |
| RC  | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6     | 7     |

|       |  | Zonal Flux per 1000 Lumen |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-------|--|---------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Y°    |  | 10                        | 20 | 30  | 40  | 50  | 60  | 70  | 80  | 90  | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 |
| ZF(Y) |  | 13                        | 52 | 111 | 182 | 257 | 326 | 383 | 425 | 452 | 470 | 485 | 501 | 518 | 534 | 549 | 560 | 567 | 569 |

CIE Flux Codes  
43 72 90 79 57

C.I.E. 6/6/6/6/6/6/6/6/6/7  
D DIN 5040 B31  
F UTE 0.45 G + 0.12 T  
B NBN BZ 5  
RN 20.57502 %  
BLF 1.0

LOR 56.86030 %  
ULOR 11.69902 %  
DLOR 45.16129 %  
UFF 20.57502 %  
DFF 79.42498 %  
FFR 25.90497 %



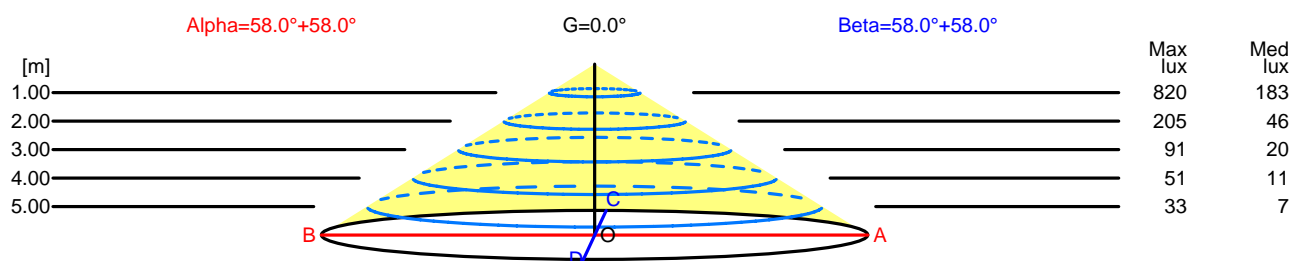
| Zonal Flux |       |        |          |          |
|------------|-------|--------|----------|----------|
| Gamma °    | Flux  | Sum lm | Flux [%] | Sum [%]  |
| 0°         | 0.00  | 0.00   | 0.00 %   | 0.00 %   |
| 5°         | 3.40  | 3.40   | 0.60 %   | 0.60 %   |
| 10°        | 10.10 | 13.50  | 1.78 %   | 2.37 %   |
| 15°        | 16.46 | 29.96  | 2.89 %   | 5.27 %   |
| 20°        | 22.27 | 52.22  | 3.92 %   | 9.18 %   |
| 25°        | 27.32 | 79.55  | 4.81 %   | 13.99 %  |
| 30°        | 31.48 | 111.03 | 5.54 %   | 19.53 %  |
| 35°        | 34.60 | 145.63 | 6.08 %   | 25.61 %  |
| 40°        | 36.58 | 182.21 | 6.43 %   | 32.05 %  |
| 45°        | 37.43 | 219.64 | 6.58 %   | 38.63 %  |
| 50°        | 37.12 | 256.77 | 6.53 %   | 45.16 %  |
| 55°        | 35.78 | 292.54 | 6.29 %   | 51.45 %  |
| 60°        | 33.51 | 326.05 | 5.89 %   | 57.34 %  |
| 65°        | 30.45 | 356.50 | 5.36 %   | 62.70 %  |
| 70°        | 26.80 | 383.30 | 4.71 %   | 67.41 %  |
| 75°        | 22.79 | 406.08 | 4.01 %   | 71.42 %  |
| 80°        | 18.73 | 424.82 | 3.29 %   | 74.71 %  |
| 85°        | 14.96 | 439.77 | 2.63 %   | 77.34 %  |
| 90°        | 11.84 | 451.61 | 2.08 %   | 79.42 %  |
| 95°        | 9.62  | 461.23 | 1.69 %   | 81.12 %  |
| 100°       | 8.28  | 469.51 | 1.46 %   | 82.57 %  |
| 105°       | 7.70  | 477.22 | 1.35 %   | 83.93 %  |
| 110°       | 7.66  | 484.88 | 1.35 %   | 85.28 %  |
| 115°       | 7.89  | 492.77 | 1.39 %   | 86.66 %  |
| 120°       | 8.15  | 500.92 | 1.43 %   | 88.10 %  |
| 125°       | 8.32  | 509.24 | 1.46 %   | 89.56 %  |
| 130°       | 8.34  | 517.58 | 1.47 %   | 91.03 %  |
| 135°       | 8.24  | 525.82 | 1.45 %   | 92.48 %  |
| 140°       | 8.02  | 533.84 | 1.41 %   | 93.89 %  |
| 145°       | 7.65  | 541.49 | 1.35 %   | 95.23 %  |
| 150°       | 7.08  | 548.58 | 1.25 %   | 96.48 %  |
| 155°       | 6.32  | 554.90 | 1.11 %   | 97.59 %  |
| 160°       | 5.36  | 560.26 | 0.94 %   | 98.53 %  |
| 165°       | 4.12  | 564.39 | 0.73 %   | 99.26 %  |
| 170°       | 2.65  | 567.03 | 0.47 %   | 99.72 %  |
| 175°       | 1.25  | 568.28 | 0.22 %   | 99.94 %  |
| 180°       | 0.32  | 568.60 | 0.06 %   | 100.00 % |

|                  |                    |                   |                    |             |                      |
|------------------|--------------------|-------------------|--------------------|-------------|----------------------|
| <b>Luminaire</b> |                    | <b>Measurem.</b>  |                    | <b>Lamp</b> |                      |
| Code             | 5447               | Code              | 5447               | Code        | 7 LED PL 350MA 7.35W |
| Name             | 7 ceiling lamp LED | Name              | 7 ceiling lamp LED | Number      | 1                    |
| Line             | VIBIA-Puck         | Date              | 07-08-2014         | Position    | Universal            |
| Efficiency       | 56.86%             | Coordinate system | CG                 | Total Flux  | 5750.50 lm           |

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   | 1.60 | 3.20 | 4.80 | 6.39 | 7.99 | OC   | 1.60 | 3.20 | 4.80 | 6.41 | 8.01 |
| OB   | 1.60 | 3.20 | 4.80 | 6.39 | 7.99 | OD   | 1.60 | 3.20 | 4.80 | 6.41 | 8.01 |

|    | Luminous Intensities [ cd/klm] |        |        |        |        |        |        |        |        |        |
|----|--------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|    | 0                              | 5      | 15     | 25     | 35     | 45     | 55     | 65     | 75     | 85     |
| OA | 820.12                         | 817.18 | 789.74 | 733.25 | 651.70 | 551.18 | 446.67 | 333.90 | 224.63 | 138.39 |
| OB | 820.12                         | 817.18 | 789.74 | 733.25 | 651.70 | 551.18 | 446.67 | 333.90 | 224.63 | 138.39 |
| OC | 820.12                         | 817.04 | 789.53 | 733.25 | 651.70 | 550.48 | 447.93 | 333.55 | 224.00 | 136.92 |
| OD | 820.12                         | 817.04 | 789.53 | 733.25 | 651.70 | 550.48 | 447.93 | 333.55 | 224.00 | 136.92 |



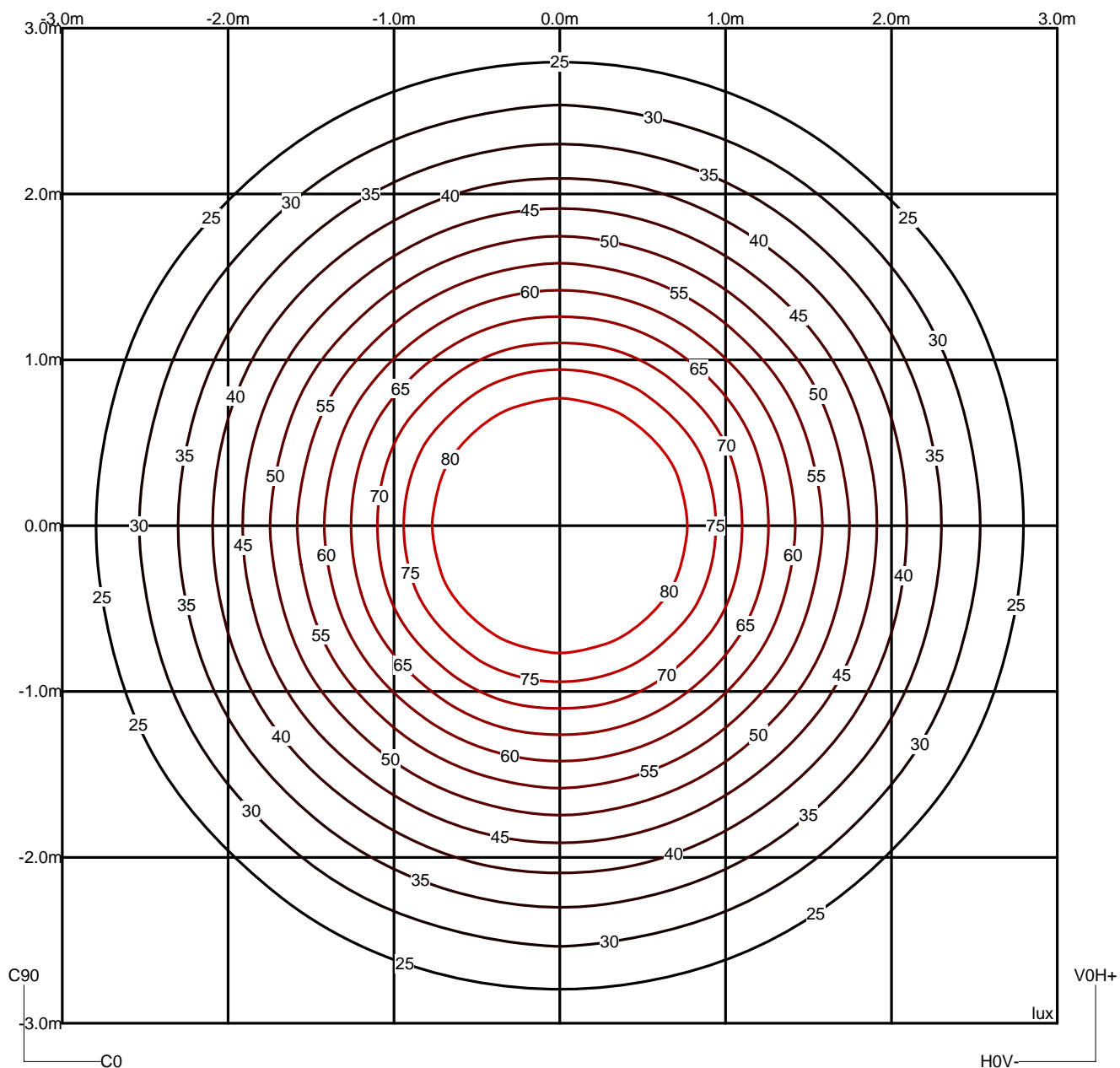
| H[m] | D[m]  | Max lux | Med lux | Alpha=58.0°+58.0° | G=0.0 |  |
|------|-------|---------|---------|-------------------|-------|--|
| 1.00 | 3.20  | 820     | 183     |                   |       |  |
| 2.00 | 6.39  | 205     | 46      |                   |       |  |
| 3.00 | 9.59  | 91      | 20      |                   |       |  |
| 4.00 | 12.79 | 51      | 11      |                   |       |  |
| 5.00 | 15.98 | 33      | 7       |                   |       |  |

| H[m] | D[m]  | Max lux | Med lux | Beta=58.0°+58.0° | G=0.0 |  |
|------|-------|---------|---------|------------------|-------|--|
| 1.00 | 3.20  | 820     | 183     |                  |       |  |
| 2.00 | 6.41  | 205     | 46      |                  |       |  |
| 3.00 | 9.61  | 91      | 20      |                  |       |  |
| 4.00 | 12.81 | 51      | 11      |                  |       |  |
| 5.00 | 16.01 | 33      | 7       |                  |       |  |

|                  |                    |                   |                    |             |                      |
|------------------|--------------------|-------------------|--------------------|-------------|----------------------|
| <b>Luminaire</b> |                    | <b>Measurem.</b>  |                    | <b>Lamp</b> |                      |
| Code             | 5447               | Code              | 5447               | Code        | 7 LED PL 350MA 7.35W |
| Name             | 7 ceiling lamp LED | Name              | 7 ceiling lamp LED | Number      | 1                    |
| Line             | VIBIA-Puck         | Date              | 07-08-2014         | Position    | Universal            |
| Efficiency       | 56.86%             | Coordinate system | CG                 | Total Flux  | 5750.50 lm           |

Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=3.00m





|                  |                    |  |  |                   |                    |  |  |             |                      |  |  |
|------------------|--------------------|--|--|-------------------|--------------------|--|--|-------------|----------------------|--|--|
| <b>Luminaire</b> |                    |  |  | <b>Measurem.</b>  |                    |  |  | <b>Lamp</b> |                      |  |  |
| Code             | 5447               |  |  | Code              | 5447               |  |  | Code        | 7 LED PL 350MA 7.35W |  |  |
| Name             | 7 ceiling lamp LED |  |  | Name              | 7 ceiling lamp LED |  |  | Number      | 1                    |  |  |
| Line             | VIBIA-Puck         |  |  | Date              | 07-08-2014         |  |  | Position    | Universal            |  |  |
| Efficiency       | 56.86%             |  |  | Coordinate system | CG                 |  |  | Total Flux  | 5750.50 lm           |  |  |

#### Utilizations CIE

| Mounting | Direct | Normalization |      |      |      | Normalised |      |      |      | Suspension Ratio |      |      |      | Standard CIE Settings |      |      |      |
|----------|--------|---------------|------|------|------|------------|------|------|------|------------------|------|------|------|-----------------------|------|------|------|
|          |        |               |      |      |      |            |      |      |      |                  |      |      |      |                       |      |      |      |
| Ceiling  |        |               |      |      |      |            |      |      |      |                  |      |      |      |                       |      |      |      |
| K        | 8873   | 8773          | 8871 | 8771 | 7773 | 7771       | 7753 | 7553 | 7751 | 7551             | 7731 | 7331 | 7711 | 7111                  | 5551 | 5531 | 5331 |
| 0.60     | 203    | 183           | 180  | 163  | 174  | 155        | 135  | 115  | 124  | 105              | 102  | 77   | 87   | 59                    | 98   | 82   | 73   |
| 0.80     | 229    | 210           | 194  | 179  | 200  | 171        | 158  | 138  | 138  | 121              | 115  | 91   | 97   | 71                    | 114  | 95   | 86   |
| 1.00     | 247    | 229           | 200  | 188  | 218  | 180        | 175  | 156  | 147  | 132              | 123  | 102  | 105  | 80                    | 124  | 105  | 96   |
| 1.25     | 262    | 246           | 204  | 193  | 234  | 185        | 192  | 174  | 155  | 142              | 131  | 112  | 113  | 90                    | 133  | 114  | 106  |
| 1.50     | 272    | 259           | 205  | 196  | 246  | 188        | 205  | 189  | 160  | 148              | 137  | 120  | 119  | 98                    | 140  | 121  | 114  |
| 2.00     | 286    | 275           | 203  | 196  | 262  | 190        | 225  | 211  | 165  | 156              | 145  | 130  | 128  | 110                   | 148  | 131  | 125  |
| 2.50     | 295    | 285           | 201  | 196  | 273  | 190        | 239  | 226  | 168  | 161              | 150  | 138  | 134  | 119                   | 153  | 137  | 132  |
| 3.00     | 301    | 293           | 199  | 194  | 280  | 189        | 249  | 238  | 170  | 164              | 154  | 143  | 139  | 125                   | 156  | 142  | 137  |
| 4.00     | 309    | 302           | 196  | 193  | 289  | 188        | 264  | 254  | 172  | 167              | 159  | 150  | 146  | 135                   | 161  | 149  | 145  |
| 5.00     | 314    | 309           | 193  | 191  | 295  | 187        | 273  | 265  | 174  | 169              | 162  | 154  | 151  | 141                   | 163  | 153  | 149  |
| 10.00    | 324    | 321           | 187  | 186  | 308  | 183        | 295  | 290  | 175  | 173              | 168  | 164  | 161  | 156                   | 168  | 161  | 160  |
| 20.00    | 328    | 327           | 183  | 182  | 314  | 179        | 307  | 304  | 175  | 174              | 171  | 169  | 167  | 165                   | 170  | 166  | 165  |

#### Wall

|       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| K     | 8873 | 8773 | 8871 | 8771 | 7773 | 7771 | 7753 | 7553 | 7751 | 7551 | 7731 | 7331 | 7711 | 7111 | 5551 | 5531 | 5331 |
| 0.60  | 252  | 241  | 223  | 214  | 235  | 209  | 185  | 176  | 169  | 161  | 141  | 132  | 122  | 112  | 157  | 133  | 129  |
| 0.80  | 289  | 277  | 248  | 240  | 269  | 234  | 219  | 208  | 195  | 187  | 167  | 157  | 146  | 135  | 181  | 157  | 153  |
| 1.00  | 315  | 303  | 265  | 257  | 293  | 250  | 244  | 233  | 213  | 205  | 186  | 175  | 165  | 154  | 197  | 174  | 170  |
| 1.25  | 339  | 328  | 279  | 272  | 315  | 264  | 269  | 258  | 230  | 223  | 205  | 194  | 184  | 172  | 213  | 191  | 187  |
| 1.50  | 357  | 347  | 289  | 283  | 333  | 274  | 289  | 278  | 243  | 236  | 219  | 208  | 199  | 187  | 225  | 205  | 201  |
| 2.00  | 380  | 371  | 299  | 294  | 354  | 285  | 316  | 305  | 259  | 252  | 237  | 227  | 219  | 207  | 240  | 222  | 218  |
| 2.50  | 395  | 388  | 306  | 302  | 369  | 292  | 335  | 325  | 269  | 264  | 250  | 241  | 233  | 222  | 250  | 234  | 230  |
| 3.00  | 406  | 399  | 310  | 307  | 380  | 297  | 349  | 340  | 277  | 272  | 259  | 251  | 244  | 234  | 257  | 242  | 239  |
| 4.00  | 424  | 419  | 320  | 317  | 398  | 307  | 371  | 364  | 290  | 286  | 275  | 269  | 262  | 253  | 270  | 258  | 255  |
| 5.00  | 438  | 434  | 327  | 325  | 411  | 315  | 388  | 382  | 301  | 297  | 288  | 282  | 276  | 268  | 281  | 270  | 267  |
| 10.00 | 475  | 472  | 351  | 350  | 448  | 339  | 434  | 430  | 331  | 329  | 323  | 319  | 315  | 310  | 311  | 304  | 302  |
| 20.00 | 502  | 501  | 371  | 370  | 475  | 360  | 467  | 465  | 355  | 354  | 350  | 348  | 345  | 342  | 335  | 331  | 330  |

#### Working Pl.

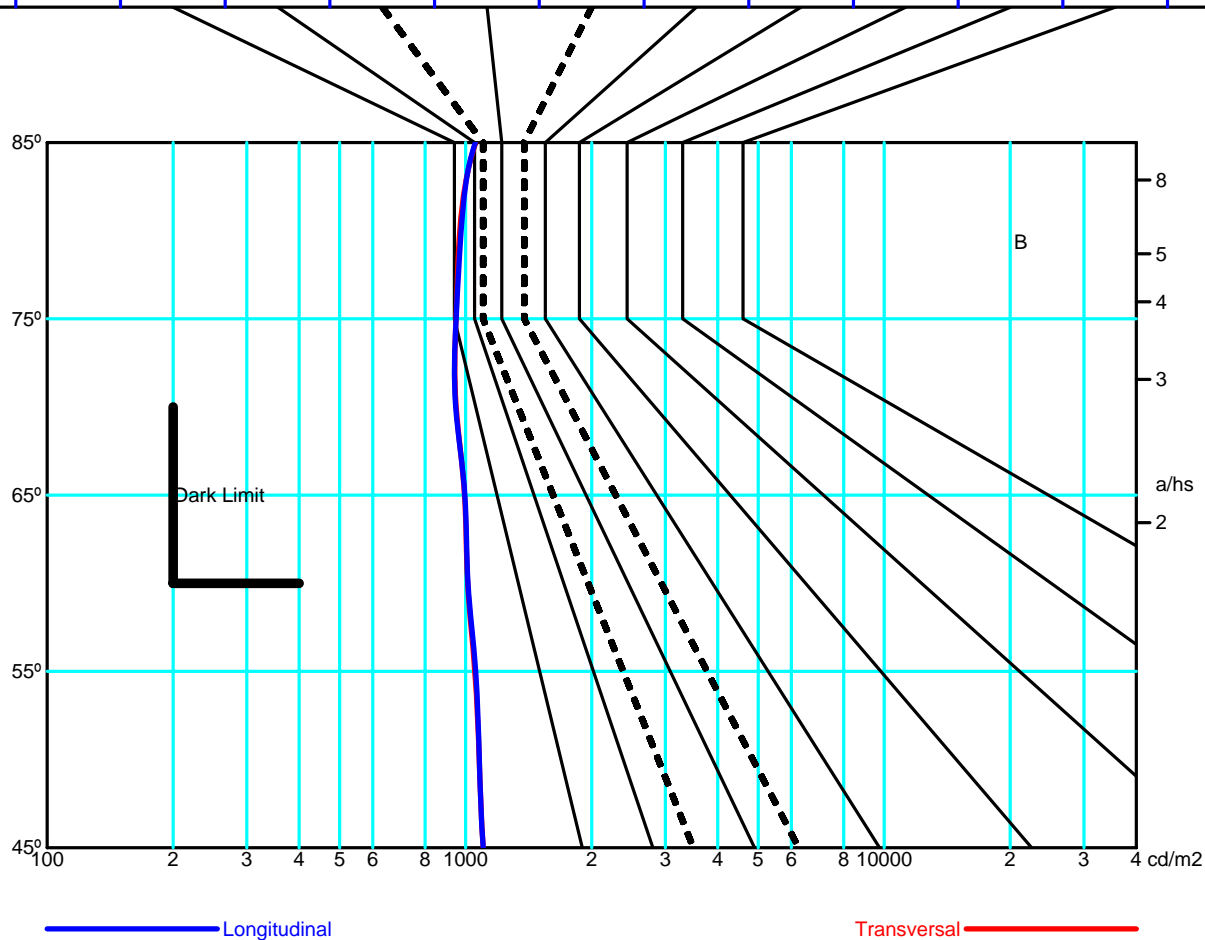
|       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| K     | 8873 | 8773 | 8871 | 8771 | 7773 | 7771 | 7753 | 7553 | 7751 | 7551 | 7731 | 7331 | 7711 | 7111 | 5551 | 5531 | 5331 |
| 0.60  | 298  | 286  | 278  | 268  | 278  | 262  | 218  | 208  | 210  | 201  | 175  | 165  | 149  | 140  | 196  | 165  | 162  |
| 0.80  | 356  | 343  | 328  | 318  | 332  | 309  | 270  | 258  | 257  | 248  | 221  | 208  | 193  | 181  | 239  | 208  | 203  |
| 1.00  | 402  | 388  | 366  | 356  | 374  | 346  | 313  | 301  | 296  | 286  | 260  | 246  | 231  | 217  | 275  | 244  | 238  |
| 1.25  | 446  | 432  | 402  | 392  | 415  | 380  | 357  | 343  | 334  | 324  | 298  | 284  | 270  | 254  | 309  | 279  | 274  |
| 1.50  | 479  | 466  | 427  | 419  | 446  | 405  | 390  | 377  | 363  | 353  | 329  | 314  | 301  | 284  | 335  | 307  | 302  |
| 2.00  | 527  | 516  | 464  | 457  | 492  | 442  | 442  | 429  | 405  | 396  | 375  | 361  | 349  | 333  | 375  | 350  | 345  |
| 2.50  | 559  | 549  | 488  | 482  | 522  | 465  | 478  | 465  | 433  | 425  | 406  | 393  | 383  | 367  | 402  | 380  | 374  |
| 3.00  | 582  | 573  | 504  | 499  | 544  | 482  | 504  | 492  | 454  | 446  | 429  | 417  | 407  | 392  | 421  | 401  | 396  |
| 4.00  | 611  | 604  | 524  | 520  | 572  | 502  | 538  | 528  | 479  | 473  | 459  | 448  | 440  | 427  | 445  | 428  | 424  |
| 5.00  | 630  | 623  | 537  | 533  | 590  | 515  | 561  | 552  | 495  | 490  | 478  | 469  | 461  | 449  | 461  | 446  | 442  |
| 10.00 | 670  | 666  | 563  | 561  | 629  | 542  | 611  | 606  | 531  | 528  | 520  | 515  | 510  | 502  | 495  | 486  | 484  |
| 20.00 | 692  | 690  | 577  | 576  | 651  | 557  | 641  | 638  | 551  | 549  | 545  | 542  | 539  | 534  | 514  | 509  | 508  |

LM53 SHR C0-C180: 1.262 SHR C90-C270: 1.262 SHR Square: 1.389

|                  |                    |                   |                    |             |                      |
|------------------|--------------------|-------------------|--------------------|-------------|----------------------|
| <b>Luminaire</b> |                    | <b>Measur.</b>    |                    | <b>Lamp</b> |                      |
| Code             | 5447               | Code              | 5447               | Code        | 7 LED PL 350MA 7.35W |
| Name             | 7 ceiling lamp LED | Name              | 7 ceiling lamp LED | Number      | 1                    |
| Line             | VIBIA-Puck         | Date              | 07-08-2014         | Position    | Universal            |
| Efficiency       | 56.86%             | Coordinate system | CG                 | Total Flux  | 5750.50 lm           |

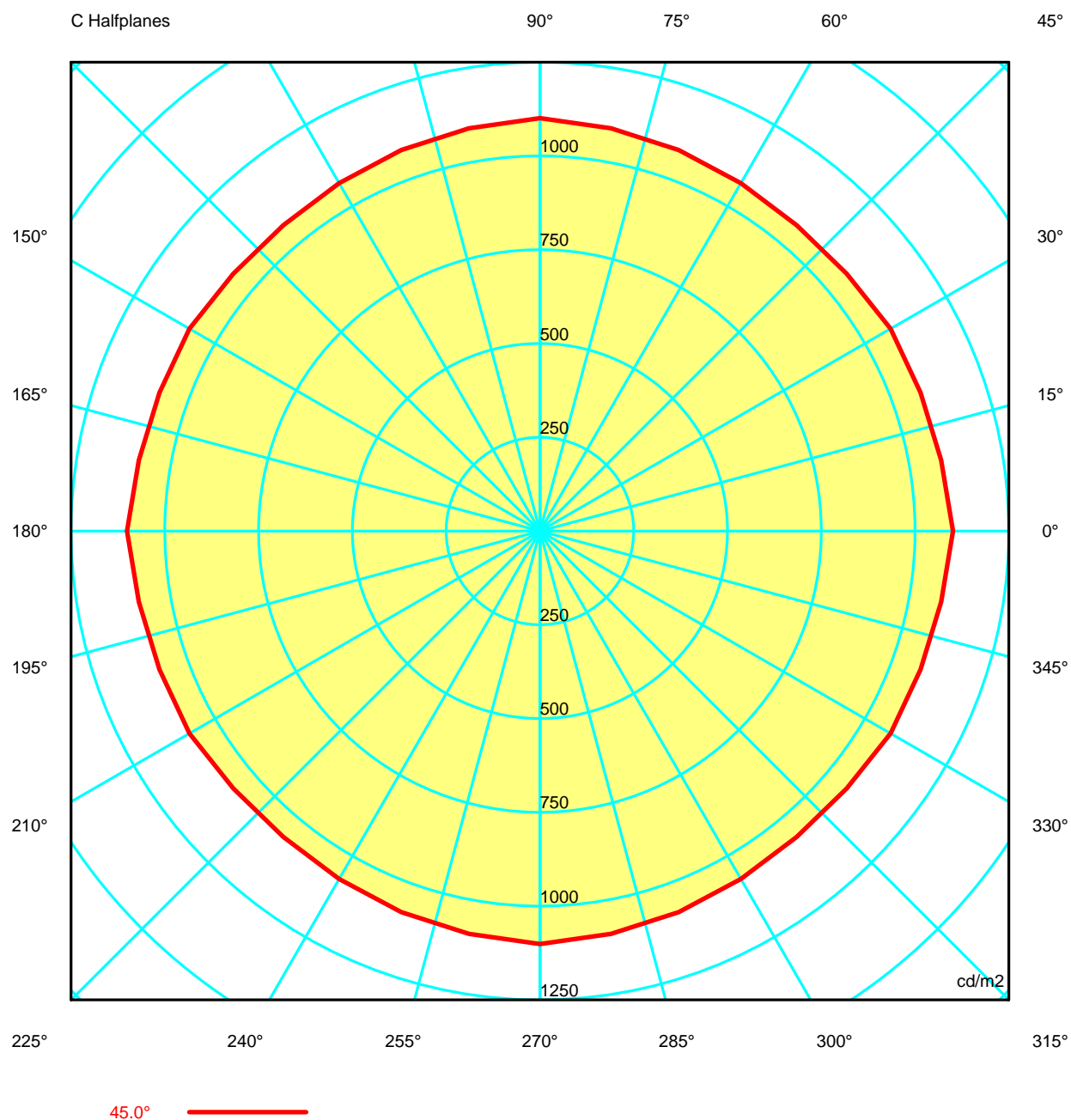
| Average Luminance [cd/m²] |      |      |      |      |     |     |     |     |      |     |
|---------------------------|------|------|------|------|-----|-----|-----|-----|------|-----|
| 0.0°                      | 45°  | 50°  | 55°  | 60°  | 65° | 70° | 75° | 80° | 85°  |     |
| 1101                      | 1101 | 1078 | 1052 | 1011 | 994 | 949 | 948 | 969 | 1058 | --- |
| 90.0°                     | 1101 | 1078 | 1056 | 1013 | 995 | 947 | 949 | 976 | 1054 | --- |

| Flush mounted or transversal view |   |                  |      |      |      |     |      |      |      |      |      |      |
|-----------------------------------|---|------------------|------|------|------|-----|------|------|------|------|------|------|
|                                   |   | Illumination(lx) |      |      |      |     |      |      |      |      |      |      |
| A                                 | A | 2000             | 1000 | 750  | 500  |     | <300 |      |      |      |      | 1.15 |
| B                                 | 1 |                  | 2000 | 1500 | 1000 | 750 | 500  | <300 |      |      |      | 1.5  |
| C                                 |   |                  |      |      | 2000 |     | 1000 | 500  | <300 |      |      | 1.85 |
| D                                 | 2 |                  |      |      |      |     | 2000 | 1000 | 500  | <300 |      | 2.2  |
| E                                 | 3 |                  |      |      |      |     |      | 2000 | 1000 | 500  | <300 | 2.55 |



|                  |                    |                   |                    |             |                      |
|------------------|--------------------|-------------------|--------------------|-------------|----------------------|
| <b>Luminaire</b> |                    | <b>Measur.</b>    |                    | <b>Lamp</b> |                      |
| Code             | 5447               | Code              | 5447               | Code        | 7 LED PL 350MA 7.35W |
| Name             | 7 ceiling lamp LED | Name              | 7 ceiling lamp LED | Number      | 1                    |
| Line             | VIBIA-Puck         | Date              | 07-08-2014         | Position    | Universal            |
| Efficiency       | 56.86%             | Coordinate system | CG                 | Total Flux  | 5750.50 lm           |

Luminance



| Luminaire       |                    |         |         | Measurem.         |                    |         |         | Lamp       |                      |            |          |          |          |
|-----------------|--------------------|---------|---------|-------------------|--------------------|---------|---------|------------|----------------------|------------|----------|----------|----------|
| Code            | 5447               |         |         | Code              | 5447               |         |         | Code       | 7 LED PL 350MA 7.35W |            |          |          |          |
| Name            | 7 ceiling lamp LED |         |         | Name              | 7 ceiling lamp LED |         |         | Number     | 1                    |            |          |          |          |
| Line            | VIBIA-Puck         |         |         | Date              | 07-08-2014         |         |         | Position   | Universal            |            |          |          |          |
| Efficiency      |                    | 56.86%  |         | Coordinate system |                    | CG      |         | Total Flux |                      | 5750.50 lm |          |          |          |
| 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           | 1297.66            | 1297.66 | 1297.66 | 1297.66           | 1297.66            | 1297.66 | 1297.66 | 1297.66    | 1297.66              | 1297.66    | 1297.66  | 1297.66  | 1297.66  |
| G 5.0           | 1284.43            | 1281.58 | 1280.33 | 1279.86           | 1278.32            | 1277.80 | 1278.38 | 1279.52    | 1281.40              | 1284.38    | 1281.40  | 1279.52  | 1278.38  |
| G 10.0          | 1267.41            | 1263.96 | 1262.43 | 1261.51           | 1258.86            | 1257.26 | 1258.24 | 1260.80    | 1264.05              | 1267.74    | 1264.05  | 1260.80  | 1258.24  |
| G 15.0          | 1253.29            | 1245.69 | 1242.29 | 1240.80           | 1236.60            | 1235.77 | 1238.88 | 1240.66    | 1244.94              | 1253.44    | 1244.94  | 1240.66  | 1238.88  |
| G 20.0          | 1228.97            | 1222.79 | 1220.58 | 1219.38           | 1214.26            | 1213.17 | 1216.27 | 1220.64    | 1225.06              | 1230.29    | 1225.06  | 1220.64  | 1216.27  |
| G 25.0          | 1212.17            | 1201.06 | 1195.98 | 1193.88           | 1188.37            | 1186.71 | 1189.51 | 1194.89    | 1202.76              | 1212.98    | 1202.76  | 1194.89  | 1189.51  |
| G 30.0          | 1194.95            | 1177.74 | 1171.17 | 1169.90           | 1161.75            | 1158.43 | 1161.12 | 1166.84    | 1177.79              | 1195.09    | 1177.79  | 1166.84  | 1161.12  |
| G 35.0          | 1161.06            | 1148.91 | 1143.80 | 1141.51           | 1133.92            | 1128.23 | 1130.14 | 1139.02    | 1150.27              | 1162.19    | 1150.27  | 1139.02  | 1130.14  |
| G 40.0          | 1141.95            | 1120.34 | 1111.38 | 1108.80           | 1099.28            | 1097.55 | 1104.55 | 1106.98    | 1117.95              | 1142.87    | 1117.95  | 1106.98  | 1104.55  |
| G 45.0          | 1100.97            | 1085.83 | 1079.40 | 1078.88           | 1067.29            | 1064.26 | 1070.90 | 1080.91    | 1090.43              | 1101.05    | 1090.43  | 1080.91  | 1070.90  |
| G 50.0          | 1077.74            | 1054.48 | 1043.38 | 1038.74           | 1028.90            | 1026.14 | 1031.66 | 1042.30    | 1057.40              | 1077.93    | 1057.40  | 1042.30  | 1031.66  |
| G 55.0          | 1051.59            | 1018.80 | 1008.85 | 1008.94           | 992.25             | 985.67  | 991.72  | 1004.23    | 1024.98              | 1056.49    | 1024.98  | 1004.23  | 991.72   |
| G 60.0          | 1011.27            | 986.53  | 975.29  | 970.51            | 958.48             | 948.67  | 951.37  | 968.92     | 990.90               | 1013.27    | 990.90   | 968.92   | 951.37   |
| G 65.0          | 993.83             | 955.64  | 938.62  | 932.54            | 916.94             | 909.66  | 916.27  | 926.15     | 950.98               | 995.34     | 950.98   | 926.15   | 916.27   |
| G 70.0          | 949.08             | 918.15  | 905.55  | 903.41            | 876.63             | 872.03  | 888.70  | 907.35     | 924.48               | 946.66     | 924.48   | 907.35   | 888.70   |
| G 75.0          | 947.87             | 899.60  | 875.44  | 864.25            | 846.47             | 841.44  | 851.25  | 871.99     | 904.09               | 948.89     | 904.09   | 871.99   | 851.25   |
| G 80.0          | 968.52             | 895.92  | 870.13  | 865.08            | 834.87             | 823.13  | 834.66  | 861.75     | 906.58               | 975.74     | 906.58   | 861.75   | 834.66   |
| G 85.0          | 1058.08            | 971.61  | 923.42  | 901.40            | 867.85             | 851.68  | 868.31  | 907.95     | 968.21               | 1054.47    | 968.21   | 907.95   | 868.31   |
| G 90.0          | 1470.92            | 1248.73 | 1137.31 | 1087.16           | 1046.50            | 1029.90 | 1053.45 | 1123.41    | 1253.26              | 1470.89    | 1253.26  | 1123.41  | 1053.45  |

|                                |                    |          |          |          |                   |                    |          |          |          |            |                      |            |          |  |
|--------------------------------|--------------------|----------|----------|----------|-------------------|--------------------|----------|----------|----------|------------|----------------------|------------|----------|--|
| Luminaire                      |                    |          |          |          | Measurem.         |                    |          |          |          | Lamp       |                      |            |          |  |
| Code                           | 5447               |          |          |          | Code              | 5447               |          |          |          | Code       | 7 LED PL 350MA 7.35W |            |          |  |
| Name                           | 7 ceiling lamp LED |          |          |          | Name              | 7 ceiling lamp LED |          |          |          | Number     | 1                    |            |          |  |
| Line                           | VIBIA-Puck         |          |          |          | Date              | 07-08-2014         |          |          |          | Position   | Universal            |            |          |  |
| Efficiency                     |                    | 56.86%   |          |          | Coordinate system |                    | CG       |          |          | Total Flux |                      | 5750.50 lm |          |  |
| 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                          | 1297.66            | 1297.66  | 1297.66  | 1297.66  | 1297.66           | 1297.66            | 1297.66  | 1297.66  | 1297.66  | 1297.66    | 1297.66              | 1297.66    | 1297.66  |  |
| G 5.0                          | 1277.80            | 1278.32  | 1279.86  | 1280.33  | 1281.58           | 1284.43            | 1281.58  | 1280.33  | 1279.86  | 1278.32    | 1277.80              | 1278.38    | 1279.52  |  |
| G 10.0                         | 1257.26            | 1258.86  | 1261.51  | 1262.43  | 1263.96           | 1267.41            | 1263.96  | 1262.43  | 1261.51  | 1258.86    | 1257.26              | 1258.24    | 1260.80  |  |
| G 15.0                         | 1235.77            | 1236.60  | 1240.80  | 1242.29  | 1245.69           | 1253.29            | 1245.69  | 1242.29  | 1240.80  | 1236.60    | 1235.77              | 1238.88    | 1240.66  |  |
| G 20.0                         | 1213.17            | 1214.26  | 1219.38  | 1220.58  | 1222.79           | 1228.97            | 1222.79  | 1220.58  | 1219.38  | 1214.26    | 1213.17              | 1216.27    | 1220.64  |  |
| G 25.0                         | 1186.71            | 1188.37  | 1193.88  | 1195.98  | 1201.06           | 1212.17            | 1201.06  | 1195.98  | 1193.88  | 1188.37    | 1186.71              | 1189.51    | 1194.89  |  |
| G 30.0                         | 1158.43            | 1161.75  | 1169.90  | 1171.17  | 1177.74           | 1194.95            | 1177.74  | 1171.17  | 1169.90  | 1161.75    | 1158.43              | 1161.12    | 1166.84  |  |
| G 35.0                         | 1128.23            | 1133.92  | 1141.51  | 1143.80  | 1148.91           | 1161.06            | 1148.91  | 1143.80  | 1141.51  | 1133.92    | 1128.23              | 1130.14    | 1139.02  |  |
| G 40.0                         | 1097.55            | 1099.28  | 1108.80  | 1111.38  | 1120.34           | 1141.95            | 1120.34  | 1111.38  | 1108.80  | 1099.28    | 1097.55              | 1104.55    | 1106.98  |  |
| G 45.0                         | 1064.26            | 1067.29  | 1078.88  | 1079.40  | 1085.83           | 1100.97            | 1085.83  | 1079.40  | 1078.88  | 1067.29    | 1064.26              | 1070.90    | 1080.91  |  |
| G 50.0                         | 1026.14            | 1028.90  | 1038.74  | 1043.38  | 1054.48           | 1077.74            | 1054.48  | 1043.38  | 1038.74  | 1028.90    | 1026.14              | 1031.66    | 1042.30  |  |
| G 55.0                         | 985.67             | 992.25   | 1008.94  | 1008.85  | 1018.80           | 1051.59            | 1018.80  | 1008.85  | 1008.94  | 992.25     | 985.67               | 991.72     | 1004.23  |  |
| G 60.0                         | 948.67             | 958.48   | 970.51   | 975.29   | 986.53            | 1011.27            | 986.53   | 975.29   | 970.51   | 958.48     | 948.67               | 951.37     | 968.92   |  |
| G 65.0                         | 909.66             | 916.94   | 932.54   | 938.62   | 955.64            | 993.83             | 955.64   | 938.62   | 932.54   | 916.94     | 909.66               | 916.27     | 926.15   |  |
| G 70.0                         | 872.03             | 876.63   | 903.41   | 905.55   | 918.15            | 949.08             | 918.15   | 905.55   | 903.41   | 876.63     | 872.03               | 888.70     | 907.35   |  |
| G 75.0                         | 841.44             | 846.47   | 864.25   | 875.44   | 899.60            | 947.87             | 899.60   | 875.44   | 864.25   | 846.47     | 841.44               | 851.25     | 871.99   |  |
| G 80.0                         | 823.13             | 834.87   | 865.08   | 870.13   | 895.92            | 968.52             | 895.92   | 870.13   | 865.08   | 834.87     | 823.13               | 834.66     | 861.75   |  |
| G 85.0                         | 851.68             | 867.85   | 901.40   | 923.42   | 971.61            | 1058.08            | 971.61   | 923.42   | 901.40   | 867.85     | 851.68               | 868.31     | 907.95   |  |
| G 90.0                         | 1029.90            | 1046.50  | 1087.16  | 1137.31  | 1248.73           | 1470.92            | 1248.73  | 1137.31  | 1087.16  | 1046.50    | 1029.90              | 1053.45    | 1123.41  |  |

| Luminaire       |                    |          |          | Measurem.         |                    |          |          | Lamp       |                      |            |          |          |          |
|-----------------|--------------------|----------|----------|-------------------|--------------------|----------|----------|------------|----------------------|------------|----------|----------|----------|
| Code            | 5447               |          |          | Code              | 5447               |          |          | Code       | 7 LED PL 350MA 7.35W |            |          |          |          |
| Name            | 7 ceiling lamp LED |          |          | Name              | 7 ceiling lamp LED |          |          | Number     | 1                    |            |          |          |          |
| Line            | VIBIA-Puck         |          |          | Date              | 07-08-2014         |          |          | Position   | Universal            |            |          |          |          |
| Efficiency      |                    | 56.86%   |          | Coordinate system |                    | CG       |          | Total Flux |                      | 5750.50 lm |          |          |          |
| Luminance cd/m2 |                    |          |          | Table 3/3         |                    |          |          |            |                      |            |          |          |          |
|                 | C 180.00           | C 190.00 | C 200.00 | C 210.00          | C 220.00           | C 230.00 | C 240.00 | C 250.00   | C 260.00             | C 270.00   | C 280.00 | C 290.00 | C 300.00 |
| G 0.0           | 1297.66            | 1297.66  | 1297.66  | 1297.66           | 1297.66            | 1297.66  | 1297.66  | 1297.66    | 1297.66              | 1297.66    | 1297.66  | 1297.66  | 1297.66  |
| G 5.0           | 1284.43            | 1281.58  | 1280.33  | 1279.86           | 1278.32            | 1277.80  | 1278.38  | 1279.52    | 1281.40              | 1284.38    | 1281.40  | 1279.52  | 1278.38  |
| G 10.0          | 1267.41            | 1263.96  | 1262.43  | 1261.51           | 1258.86            | 1257.26  | 1258.24  | 1260.80    | 1264.05              | 1267.74    | 1264.05  | 1260.80  | 1258.24  |
| G 15.0          | 1253.29            | 1245.69  | 1242.29  | 1240.80           | 1236.60            | 1235.77  | 1238.88  | 1240.66    | 1244.94              | 1253.44    | 1244.94  | 1240.66  | 1238.88  |
| G 20.0          | 1228.97            | 1222.79  | 1220.58  | 1219.38           | 1214.26            | 1213.17  | 1216.27  | 1220.64    | 1225.06              | 1230.29    | 1225.06  | 1220.64  | 1216.27  |
| G 25.0          | 1212.17            | 1201.06  | 1195.98  | 1193.88           | 1188.37            | 1186.71  | 1189.51  | 1194.89    | 1202.76              | 1212.98    | 1202.76  | 1194.89  | 1189.51  |
| G 30.0          | 1194.95            | 1177.74  | 1171.17  | 1169.90           | 1161.75            | 1158.43  | 1161.12  | 1166.84    | 1177.79              | 1195.09    | 1177.79  | 1166.84  | 1161.12  |
| G 35.0          | 1161.06            | 1148.91  | 1143.80  | 1141.51           | 1133.92            | 1128.23  | 1130.14  | 1139.02    | 1150.27              | 1162.19    | 1150.27  | 1139.02  | 1130.14  |
| G 40.0          | 1141.95            | 1120.34  | 1111.38  | 1108.80           | 1099.28            | 1097.55  | 1104.55  | 1106.98    | 1117.95              | 1142.87    | 1117.95  | 1106.98  | 1104.55  |
| G 45.0          | 1100.97            | 1085.83  | 1079.40  | 1078.88           | 1067.29            | 1064.26  | 1070.90  | 1080.91    | 1090.43              | 1101.05    | 1090.43  | 1080.91  | 1070.90  |
| G 50.0          | 1077.74            | 1054.48  | 1043.38  | 1038.74           | 1028.90            | 1026.14  | 1031.66  | 1042.30    | 1057.40              | 1077.93    | 1057.40  | 1042.30  | 1031.66  |
| G 55.0          | 1051.59            | 1018.80  | 1008.85  | 1008.94           | 992.25             | 985.67   | 991.72   | 1004.23    | 1024.98              | 1056.49    | 1024.98  | 1004.23  | 991.72   |
| G 60.0          | 1011.27            | 986.53   | 975.29   | 970.51            | 958.48             | 948.67   | 951.37   | 968.92     | 990.90               | 1013.27    | 990.90   | 968.92   | 951.37   |
| G 65.0          | 993.83             | 955.64   | 938.62   | 932.54            | 916.94             | 909.66   | 916.27   | 926.15     | 950.98               | 995.34     | 950.98   | 926.15   | 916.27   |
| G 70.0          | 949.08             | 918.15   | 905.55   | 903.41            | 876.63             | 872.03   | 888.70   | 907.35     | 924.48               | 946.66     | 924.48   | 907.35   | 888.70   |
| G 75.0          | 947.87             | 899.60   | 875.44   | 864.25            | 846.47             | 841.44   | 851.25   | 871.99     | 904.09               | 948.89     | 904.09   | 871.99   | 851.25   |
| G 80.0          | 968.52             | 895.92   | 870.13   | 865.08            | 834.87             | 823.13   | 834.66   | 861.75     | 906.58               | 975.74     | 906.58   | 861.75   | 834.66   |
| G 85.0          | 1058.08            | 971.61   | 923.42   | 901.40            | 867.85             | 851.68   | 868.31   | 907.95     | 968.21               | 1054.47    | 968.21   | 907.95   | 868.31   |
| G 90.0          | 1470.92            | 1248.73  | 1137.31  | 1087.16           | 1046.50            | 1029.90  | 1053.45  | 1123.41    | 1253.26              | 1470.89    | 1253.26  | 1123.41  | 1053.45  |