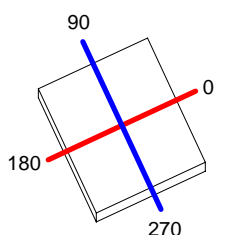


|                            |                             |                             |                             |              |                      |       |
|----------------------------|-----------------------------|-----------------------------|-----------------------------|--------------|----------------------|-------|
| <b>Luminaire</b>           |                             | <b>Measurem.</b>            |                             | <b>Lamp</b>  |                      |       |
| Code                       | 4508                        | Code                        | 4508                        | Code         | 4 led str 350mA 6.5W |       |
| Name                       | Quadruple cluster wall lamp | Name                        | Quadruple cluster wall lamp | Number       | 1                    |       |
| Line                       | VIBIA-Origami               | Date                        | 07-07-2014                  | Position     | Universal            |       |
| Efficiency                 | 57.51%                      | Coordinate system           | CG                          | Total Flux   | 3025.68 lm           |       |
| Maximum value              | 106.84 cd/klm               | Position                    | C=280.00 G=150.00           | Asymmetrical |                      |       |
| Rectangular Luminaire      | Length                      | 1070 mm                     | Width                       | 940 mm       | Height               | 70 mm |
| Rectangular Luminous Area  | Length                      | 1070 mm                     | Width                       | 940 mm       | Height               | 60 mm |
| Horizontal Luminous Area   | 1.005800 m2                 | Emitting area on Plane 180° |                             | 0.064200 m2  |                      |       |
| Emitting area on Plane 0°  | 0.064200 m2                 | Emitting area on Plane 270° |                             | 0.056400 m2  |                      |       |
| Emitting area on Plane 90° | 0.056400 m2                 | Glare area at 76°           |                             | 0.305618 m2  |                      |       |
| Symmetry Type              | Asymmetrical                | Maximum Gamma Angle         |                             | 180          |                      |       |
| Measurement Distance       | 0.00                        | Measurement Flux            |                             | 3025.68 lm   |                      |       |
| Operator                   |                             | Source voltage              |                             | 230.00 V     |                      |       |
| Temperature                | 20.00 °C                    | Source current              |                             |              |                      |       |
| Humidity                   | 50.00 %                     | Photocell                   |                             |              |                      |       |
| Notes                      |                             |                             |                             |              |                      |       |

| Luminaire Lamps |                      |                                |           |          |      |
|-----------------|----------------------|--------------------------------|-----------|----------|------|
| Line            | Code                 | Name                           | Flux [lm] | Pow. [W] | Q.ty |
| - VIBIA         | 4 led str 350mA 6.5W | Lámpara 4 led strip 350mA 6.5W | 3025.68   | 26.00    | 1    |
| C.I.E.          | 2 6 31 14 58         | D DIN 5040                     |           |          |      |
| F UTE           | --                   | B NBN                          | D13       | BZ 10    |      |

1070mm x 940mm



C Halfplanes

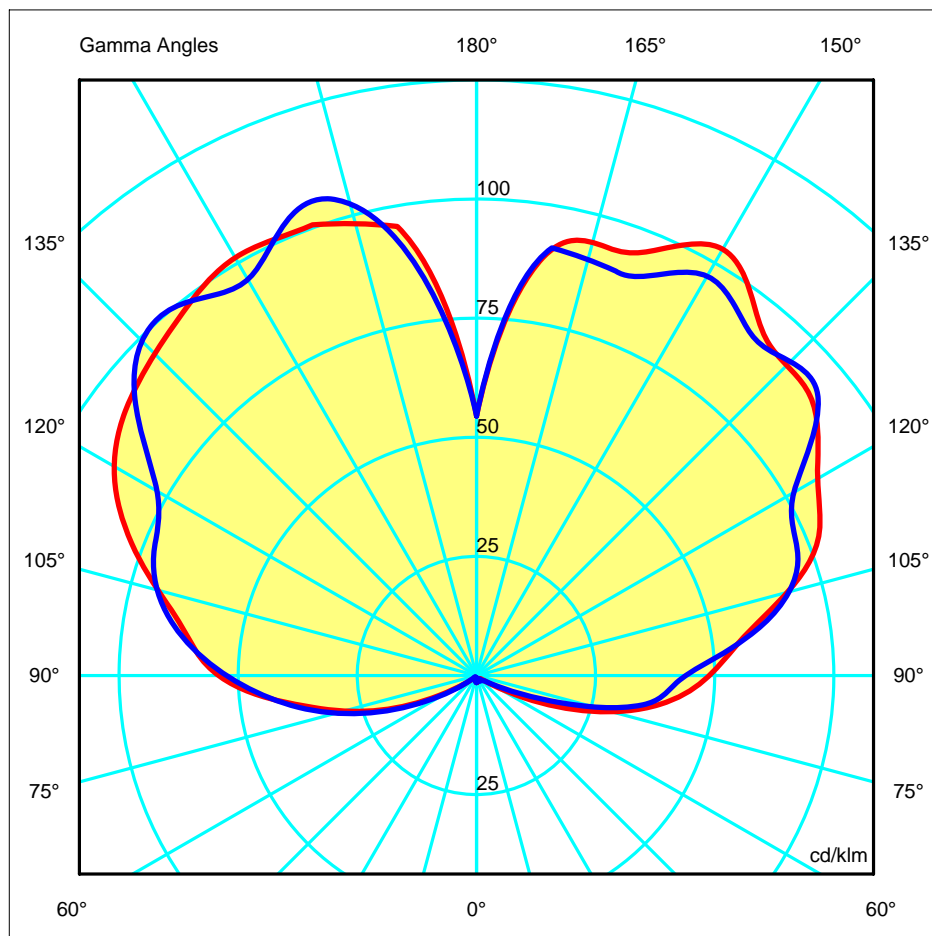
180.0 — 0.0

270.0 — 90.0

ULOR 49.33 %

DLOR 8.18 %

RN 85.77 %



|                                 |                             |         |         |                  |                             |         |         |                   |                      |           |          |            |          |            |  |
|---------------------------------|-----------------------------|---------|---------|------------------|-----------------------------|---------|---------|-------------------|----------------------|-----------|----------|------------|----------|------------|--|
| <b>Luminaire</b>                |                             |         |         | <b>Measurem.</b> |                             |         |         | <b>Lamp</b>       |                      |           |          |            |          |            |  |
| Code                            | 4508                        |         |         | Code             | 4508                        |         |         | Code              | 4 led str 350mA 6.5W |           |          |            |          |            |  |
| Name                            | Quadruple cluster wall lamp |         |         | Name             | Quadruple cluster wall lamp |         |         | Number            | 1                    |           |          |            |          |            |  |
| Line                            | VIBIA-Origami               |         |         | Date             | 07-07-2014                  |         |         | Position          | Universal            |           |          |            |          |            |  |
| Efficiency                      |                             |         |         | 57.51%           |                             |         |         | Coordinate system |                      | CG        |          | Total Flux |          | 3025.68 lm |  |
| Luminous Intensity Table cd/klm |                             |         |         |                  |                             |         |         |                   |                      | 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                           | 1.48                        | 1.48    | 1.48    | 1.48             | 1.48                        | 1.48    | 1.48    | 1.48              | 1.48                 | 1.48      | 1.48     | 1.48       | 1.48     |            |  |
| G 10.0                          | 1.30                        | 1.27    | 1.32    | 0.93             | 0.61                        | 0.71    | 0.64    | 0.88              | 0.85                 | 0.64      | 0.61     | 0.72       | 0.72     |            |  |
| G 20.0                          | 1.25                        | 1.35    | 0.81    | 1.41             | 1.47                        | 1.28    | 0.95    | 1.52              | 1.29                 | 0.74      | 1.07     | 1.20       | 0.99     |            |  |
| G 30.0                          | 0.74                        | 1.09    | 0.97    | 0.75             | 1.51                        | 1.59    | 1.31    | 0.62              | 0.99                 | 1.40      | 1.57     | 1.66       | 1.39     |            |  |
| G 40.0                          | 0.94                        | 1.08    | 0.97    | 1.44             | 0.80                        | 0.55    | 0.95    | 0.54              | 0.54                 | 0.95      | 1.57     | 1.77       | 1.33     |            |  |
| G 50.0                          | 1.04                        | 0.58    | 1.19    | 0.87             | 1.28                        | 1.22    | 1.28    | 1.53              | 1.51                 | 1.66      | 1.41     | 0.93       | 1.05     |            |  |
| G 60.0                          | 4.38                        | 5.32    | 4.22    | 3.10             | 3.20                        | 2.78    | 2.38    | 5.29              | 5.55                 | 3.16      | 4.51     | 3.70       | 2.05     |            |  |
| G 70.0                          | 20.19                       | 19.49   | 21.19   | 16.14            | 20.39                       | 18.65   | 15.60   | 20.90             | 20.48                | 14.15     | 13.36    | 12.67      | 8.22     |            |  |
| G 80.0                          | 37.44                       | 38.95   | 38.57   | 41.23            | 41.80                       | 39.37   | 33.92   | 40.42             | 39.48                | 35.46     | 30.53    | 26.11      | 22.93    |            |  |
| G 90.0                          | 48.88                       | 50.73   | 48.29   | 51.85            | 50.72                       | 51.86   | 45.81   | 45.23             | 49.35                | 43.87     | 45.53    | 44.19      | 38.78    |            |  |
| G100.0                          | 59.10                       | 63.21   | 66.05   | 64.40            | 60.67                       | 58.30   | 60.60   | 59.98             | 62.24                | 60.86     | 65.44    | 59.83      | 56.64    |            |  |
| G110.0                          | 75.34                       | 77.92   | 70.03   | 67.03            | 73.09                       | 70.11   | 73.36   | 71.20             | 68.27                | 71.79     | 68.74    | 72.30      | 75.44    |            |  |
| G120.0                          | 82.69                       | 86.27   | 82.35   | 83.30            | 79.19                       | 80.91   | 82.04   | 82.67             | 78.62                | 76.95     | 82.92    | 79.07      | 78.41    |            |  |
| G130.0                          | 91.37                       | 92.07   | 85.60   | 86.67            | 84.74                       | 92.11   | 87.52   | 92.41             | 87.88                | 93.19     | 83.39    | 89.04      | 84.23    |            |  |
| G140.0                          | 93.68                       | 99.22   | 95.48   | 93.66            | 98.23                       | 95.08   | 95.40   | 92.83             | 93.60                | 91.63     | 93.81    | 93.97      | 91.70    |            |  |
| G150.0                          | 103.34                      | 106.61  | 98.08   | 90.18            | 96.44                       | 99.34   | 100.40  | 101.25            | 99.84                | 96.79     | 91.28    | 95.80      | 91.40    |            |  |
| G160.0                          | 94.40                       | 97.20   | 94.00   | 92.86            | 94.30                       | 90.74   | 92.92   | 94.39             | 91.10                | 89.61     | 91.44    | 92.26      | 88.87    |            |  |
| G170.0                          | 90.78                       | 87.79   | 87.62   | 87.26            | 88.48                       | 93.28   | 93.80   | 95.72             | 91.76                | 91.13     | 91.70    | 93.69      | 93.96    |            |  |
| G180.0                          | 54.48                       | 54.48   | 54.48   | 54.48            | 54.48                       | 54.48   | 54.48   | 54.48             | 54.48                | 54.48     | 54.48    | 54.48      | 54.48    |            |  |

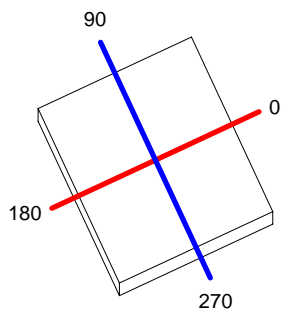
|  |                             |          |          |                   |                             |          |          |                  |                      |          |          |          |          |
|--|-----------------------------|----------|----------|-------------------|-----------------------------|----------|----------|------------------|----------------------|----------|----------|----------|----------|
| <b>Luminaire</b>                       |                             |          |          | <b>Measurem.</b>  |                             |          |          | <b>Lamp</b>      |                      |          |          |          |          |
| Code                                   | 4508                        |          |          | Code              | 4508                        |          |          | Code             | 4 led str 350mA 6.5W |          |          |          |          |
| Name                                   | Quadruple cluster wall lamp |          |          | Name              | Quadruple cluster wall lamp |          |          | Number           | 1                    |          |          |          |          |
| Line                                   | VIBIA-Origami               |          |          | Date              | 07-07-2014                  |          |          | Position         | Universal            |          |          |          |          |
| Efficiency                             | 57.51%                      |          |          | Coordinate system | CG                          |          |          | Total Flux       | 3025.68 lm           |          |          |          |          |
| <b>Luminous Intensity Table cd/klm</b> |                             |          |          |                   |                             |          |          | <b>Table 2/3</b> |                      |          |          |          |          |
|  | 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                                  | 1.48                        | 1.48     | 1.48     | 1.48              | 1.48                        | 1.48     | 1.48     | 1.48             | 1.48                 | 1.48     | 1.48     | 1.48     | 1.48     |
| G 10.0                                 | 0.82                        | 0.57     | 0.51     | 0.56              | 1.06                        | 1.04     | 1.03     | 1.27             | 1.23                 | 1.47     | 1.67     | 1.64     | 1.37     |
| G 20.0                                 | 1.08                        | 0.75     | 0.81     | 1.12              | 0.77                        | 0.86     | 0.76     | 0.40             | 0.62                 | 0.64     | 0.58     | 1.24     | 1.20     |
| G 30.0                                 | 0.89                        | 1.10     | 0.97     | 0.54              | 0.40                        | 0.41     | 0.92     | 0.82             | 0.47                 | 0.50     | 0.58     | 1.09     | 0.75     |
| G 40.0                                 | 0.43                        | 1.13     | 1.83     | 1.06              | 0.87                        | 0.98     | 0.95     | 1.32             | 1.01                 | 1.44     | 1.00     | 0.87     | 1.01     |
| G 50.0                                 | 1.59                        | 0.74     | 1.37     | 1.47              | 1.00                        | 1.26     | 0.58     | 0.50             | 0.73                 | 0.81     | 1.04     | 0.97     | 1.27     |
| G 60.0                                 | 2.07                        | 2.59     | 4.08     | 6.99              | 6.11                        | 6.46     | 5.16     | 3.81             | 2.81                 | 2.46     | 1.50     | 1.73     | 3.03     |
| G 70.0                                 | 9.96                        | 10.16    | 12.72    | 21.45             | 22.03                       | 21.13    | 16.81    | 15.15            | 12.54                | 5.76     | 5.72     | 9.96     | 13.90    |
| G 80.0                                 | 23.71                       | 24.02    | 25.38    | 33.31             | 38.74                       | 36.83    | 29.56    | 31.30            | 22.12                | 15.92    | 16.72    | 20.53    | 29.06    |
| G 90.0                                 | 39.13                       | 42.99    | 42.85    | 51.44             | 54.01                       | 54.20    | 50.37    | 46.09            | 42.52                | 35.24    | 32.53    | 40.93    | 43.98    |
| G100.0                                 | 59.93                       | 63.93    | 57.95    | 59.43             | 60.31                       | 63.22    | 60.76    | 56.97            | 67.08                | 56.64    | 61.91    | 61.57    | 57.63    |
| G110.0                                 | 69.28                       | 74.55    | 68.60    | 71.18             | 68.30                       | 76.18    | 67.74    | 69.96            | 74.60                | 77.54    | 73.05    | 72.39    | 72.78    |
| G120.0                                 | 81.80                       | 80.78    | 83.35    | 77.81             | 84.10                       | 87.79    | 86.13    | 83.90            | 83.40                | 79.82    | 79.79    | 80.13    | 79.37    |
| G130.0                                 | 89.76                       | 87.99    | 90.42    | 83.79             | 92.48                       | 93.57    | 93.73    | 91.51            | 90.32                | 82.40    | 88.35    | 91.43    | 91.30    |
| G140.0                                 | 88.82                       | 93.12    | 92.41    | 93.58             | 96.63                       | 97.53    | 96.75    | 97.34            | 97.63                | 97.14    | 94.69    | 97.86    | 95.39    |
| G150.0                                 | 90.20                       | 90.81    | 94.75    | 92.66             | 100.73                      | 101.27   | 102.38   | 103.13           | 99.54                | 101.56   | 100.17   | 99.13    | 96.45    |
| G160.0                                 | 93.09                       | 95.91    | 94.48    | 98.25             | 102.86                      | 100.66   | 95.22    | 92.60            | 93.28                | 96.33    | 102.57   | 100.77   | 93.81    |
| G170.0                                 | 91.19                       | 91.21    | 91.75    | 92.61             | 95.81                       | 95.71    | 98.58    | 95.55            | 93.69                | 93.65    | 92.77    | 89.52    | 90.49    |
| G180.0                                 | 54.48                       | 54.48    | 54.48    | 54.48             | 54.48                       | 54.48    | 54.48    | 54.48            | 54.48                | 54.48    | 54.48    | 54.48    | 54.48    |

|                                 |                             |          |          |           |                             |                   |          |           |                      |            |          |            |          |
|---------------------------------|-----------------------------|----------|----------|-----------|-----------------------------|-------------------|----------|-----------|----------------------|------------|----------|------------|----------|
| Luminaire                       |                             |          |          | Measurem. |                             |                   |          | Lamp      |                      |            |          |            |          |
| Code                            | 4508                        |          |          | Code      | 4508                        |                   |          | Code      | 4 led str 350mA 6.5W |            |          |            |          |
| Name                            | Quadruple cluster wall lamp |          |          | Name      | Quadruple cluster wall lamp |                   |          | Number    | 1                    |            |          |            |          |
| Line                            | VIBIA-Origami               |          |          | Date      | 07-07-2014                  |                   |          | Position  | Universal            |            |          |            |          |
| Efficiency                      |                             |          |          | 57.51%    |                             | Coordinate system |          | CG        |                      | Total Flux |          | 3025.68 lm |          |
| Luminous Intensity Table cd/klm |                             |          |          |           |                             |                   |          | 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                           | 1.48                        | 1.48     | 1.48     | 1.48      | 1.48                        | 1.48              | 1.48     | 1.48      | 1.48                 | 1.48       | 1.48     | 1.48       | 1.48     |
| G 10.0                          | 1.04                        | 1.03     | 1.27     | 1.23      | 1.47                        | 1.67              | 1.64     | 1.37      | 1.36                 | 1.21       | 1.10     | 0.98       | 1.07     |
| G 20.0                          | 0.86                        | 0.76     | 0.40     | 0.62      | 0.64                        | 0.58              | 1.24     | 1.20      | 0.70                 | 0.69       | 0.73     | 0.72       | 0.96     |
| G 30.0                          | 0.41                        | 0.92     | 0.82     | 0.47      | 0.50                        | 0.58              | 1.09     | 0.75      | 0.74                 | 0.99       | 1.02     | 0.91       | 0.87     |
| G 40.0                          | 0.98                        | 0.95     | 1.32     | 1.01      | 1.44                        | 1.00              | 0.87     | 1.01      | 0.84                 | 0.94       | 0.29     | 0.68       | 1.08     |
| G 50.0                          | 1.26                        | 0.58     | 0.50     | 0.73      | 0.81                        | 1.04              | 0.97     | 1.27      | 1.30                 | 0.74       | 1.52     | 1.16       | 1.05     |
| G 60.0                          | 6.46                        | 5.16     | 3.81     | 2.81      | 2.46                        | 1.50              | 1.73     | 3.03      | 4.02                 | 7.90       | 3.72     | 6.25       | 6.25     |
| G 70.0                          | 21.13                       | 16.81    | 15.15    | 12.54     | 5.76                        | 5.72              | 9.96     | 13.90     | 15.58                | 22.54      | 20.07    | 20.27      | 21.17    |
| G 80.0                          | 36.83                       | 29.56    | 31.30    | 22.12     | 15.92                       | 16.72             | 20.53    | 29.06     | 30.81                | 38.12      | 39.27    | 38.63      | 39.36    |
| G 90.0                          | 54.20                       | 50.37    | 46.09    | 42.52     | 35.24                       | 32.53             | 40.93    | 43.98     | 47.24                | 52.43      | 52.03    | 55.66      | 48.10    |
| G100.0                          | 63.22                       | 60.76    | 56.97    | 67.08     | 56.64                       | 61.91             | 61.57    | 57.63     | 59.83                | 65.01      | 64.38    | 59.50      | 67.31    |
| G110.0                          | 76.18                       | 67.74    | 69.96    | 74.60     | 77.54                       | 73.05             | 72.39    | 72.78     | 74.74                | 72.11      | 73.29    | 73.36      | 77.01    |
| G120.0                          | 87.79                       | 86.13    | 83.90    | 83.40     | 79.82                       | 79.79             | 80.13    | 79.37     | 75.13                | 77.43      | 84.91    | 82.29      | 79.43    |
| G130.0                          | 93.57                       | 93.73    | 91.51    | 90.32     | 82.40                       | 88.35             | 91.43    | 91.30     | 88.54                | 93.80      | 89.54    | 90.00      | 92.36    |
| G140.0                          | 97.53                       | 96.75    | 97.34    | 97.63     | 97.14                       | 94.69             | 97.86    | 95.39     | 103.61               | 100.22     | 98.83    | 94.45      | 98.49    |
| G150.0                          | 101.27                      | 102.38   | 103.13   | 99.54     | 101.56                      | 100.17            | 99.13    | 96.45     | 102.63               | 95.99      | 106.84   | 100.73     | 100.54   |
| G160.0                          | 100.66                      | 95.22    | 92.60    | 93.28     | 96.33                       | 102.57            | 100.77   | 93.81     | 97.27                | 105.24     | 104.91   | 99.85      | 95.74    |
| G170.0                          | 95.71                       | 98.58    | 95.55    | 93.69     | 93.65                       | 92.77             | 89.52    | 90.49     | 92.28                | 91.97      | 92.48    | 93.29      | 95.24    |
| G180.0                          | 54.48                       | 54.48    | 54.48    | 54.48     | 54.48                       | 54.48             | 54.48    | 54.48     | 54.48                | 54.48      | 54.48    | 54.48      | 54.48    |

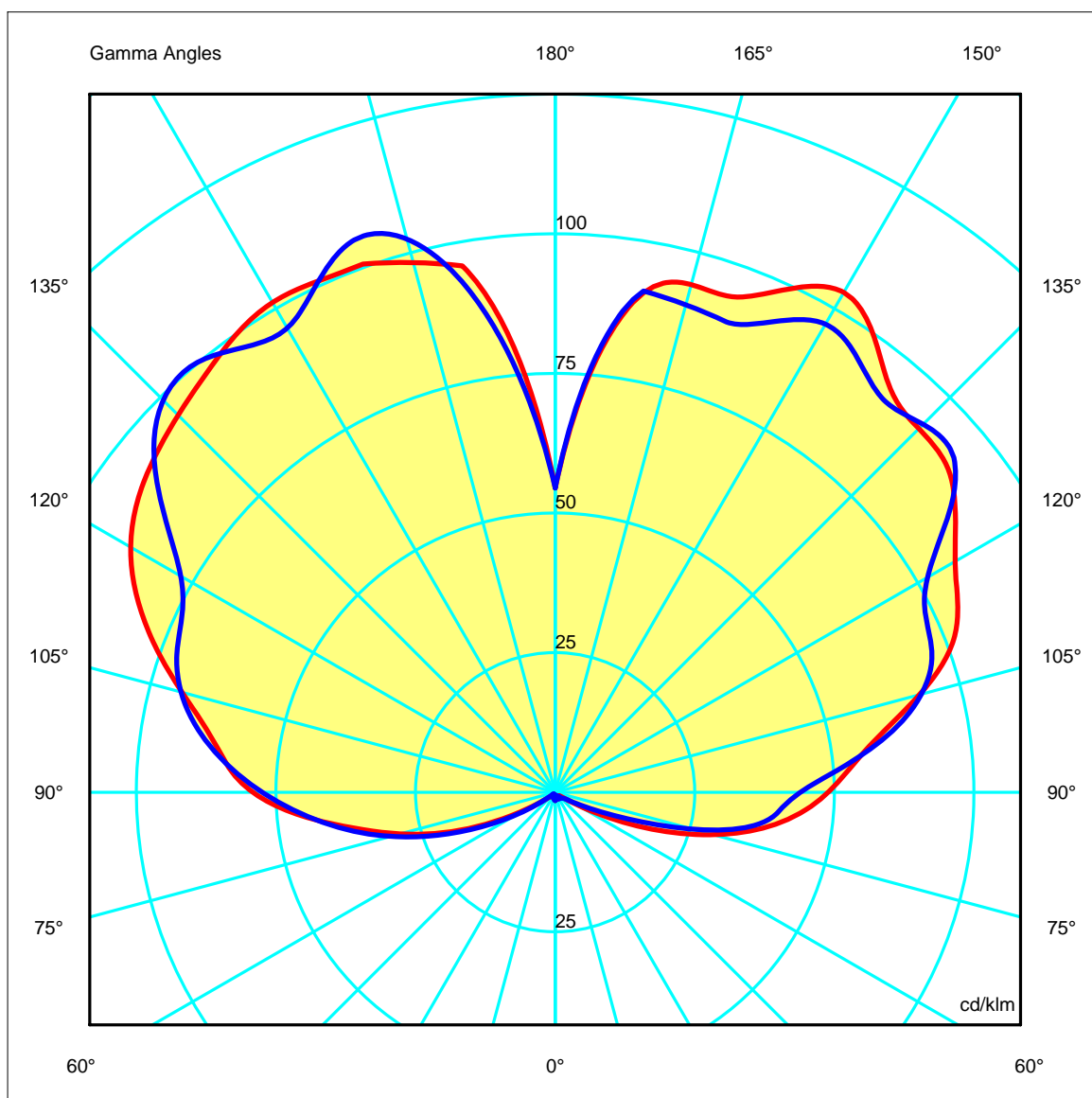
|                  |                             |                   |                             |             |                      |
|------------------|-----------------------------|-------------------|-----------------------------|-------------|----------------------|
| <b>Luminaire</b> |                             | <b>Measurem.</b>  |                             | <b>Lamp</b> |                      |
| Code             | 4508                        | Code              | 4508                        | Code        | 4 led str 350mA 6.5W |
| Name             | Quadruple cluster wall lamp | Name              | Quadruple cluster wall lamp | Number      | 1                    |
| Line             | VIBIA-Origami               | Date              | 07-07-2014                  | Position    | Universal            |
| Efficiency       | 57.51%                      | Coordinate system | CG                          | Total Flux  | 3025.68 lm           |

1070mm x 940mm

C Halfplanes

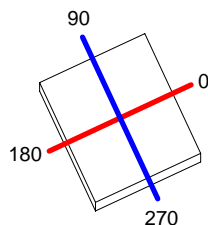


180.0 ————— 0.0  
 270.0 ————— 90.0



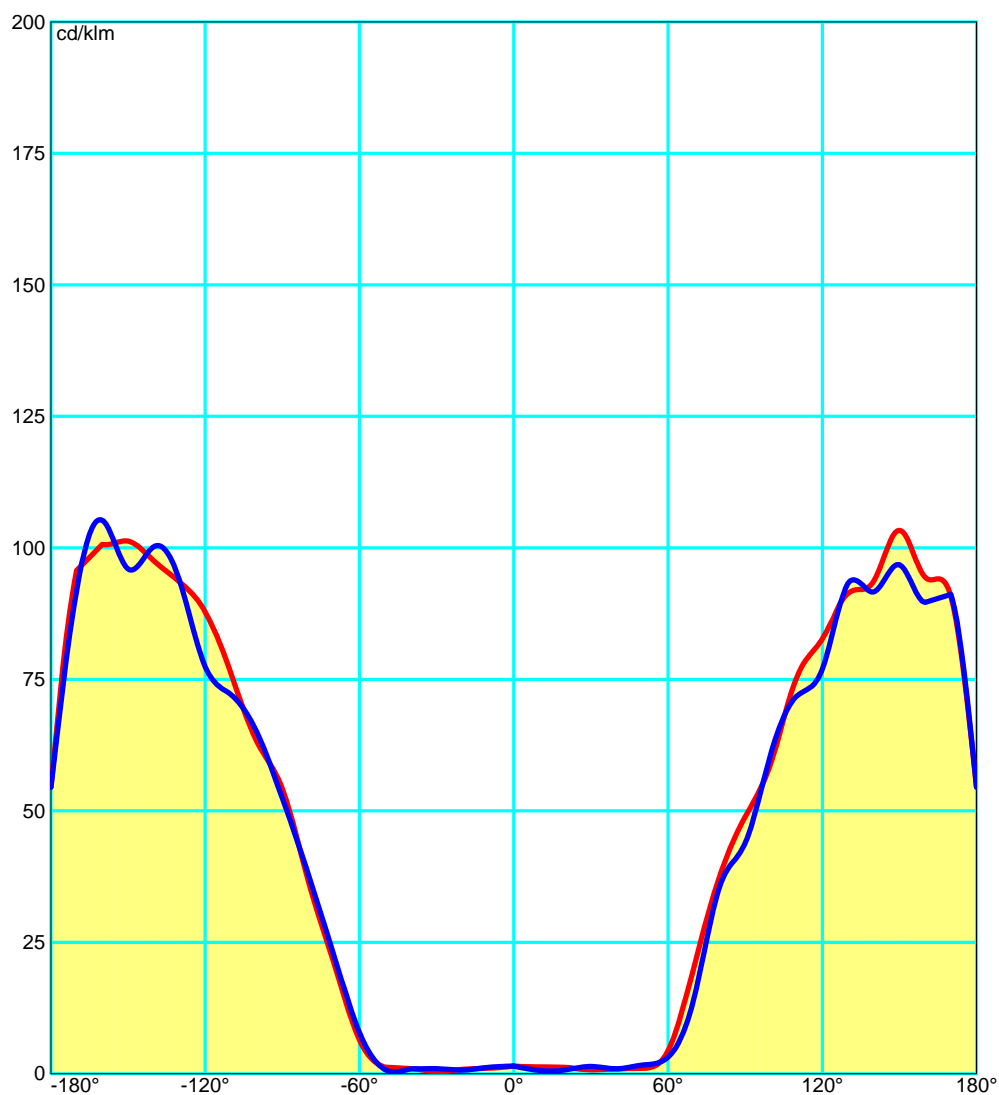
|                  |                             |                   |                             |             |                      |
|------------------|-----------------------------|-------------------|-----------------------------|-------------|----------------------|
| <b>Luminaire</b> |                             | <b>Measurem.</b>  |                             | <b>Lamp</b> |                      |
| Code             | 4508                        | Code              | 4508                        | Code        | 4 led str 350mA 6.5W |
| Name             | Quadruple cluster wall lamp | Name              | Quadruple cluster wall lamp | Number      | 1                    |
| Line             | VIBIA-Origami               | Date              | 07-07-2014                  | Position    | Universal            |
| Efficiency       | 57.51%                      | Coordinate system | CG                          | Total Flux  | 3025.68 lm           |

1070mm x 940mm



C Halfplanes

180.0 — 0.0  
 270.0 — 90.0



|                  |                             |                   |                             |             |                      |
|------------------|-----------------------------|-------------------|-----------------------------|-------------|----------------------|
| <b>Luminaire</b> |                             | <b>Measurem.</b>  |                             | <b>Lamp</b> |                      |
| Code             | 4508                        | Code              | 4508                        | Code        | 4 led str 350mA 6.5W |
| Name             | Quadruple cluster wall lamp | Name              | Quadruple cluster wall lamp | Number      | 1                    |
| Line             | VIBIA-Origami               | Date              | 07-07-2014                  | Position    | Universal            |
| Efficiency       | 57.51%                      | Coordinate system | CG                          | Total Flux  | 3025.68 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      | < 0             | < 0  | < 0  | < 0  | < 0  | < 0           | < 0  | < 0  | < 0  | < 0  |
| x=2H y=3H      | < 0             | < 0  | < 0  | 0.2  | 1.6  | < 0           | < 0  | < 0  | < 0  | 1.6  |
| x=2H y=4H      | 2.4             | 3.0  | 3.6  | 4.2  | 5.9  | 2.4           | 2.9  | 3.6  | 4.2  | 5.9  |
| x=2H y=6H      | 6.2             | 6.8  | 7.5  | 8.0  | 9.9  | 6.4           | 7.0  | 7.7  | 8.2  | 9.9  |
| x=2H y=8H      | 8.2             | 8.7  | 9.4  | 9.9  | 11.8 | 8.4           | 8.9  | 9.6  | 10.1 | 11.8 |
| x=2H y=12H     | 10.2            | 10.7 | 11.4 | 11.9 | 13.8 | 10.4          | 10.8 | 11.6 | 12.0 | 13.8 |
| x=4H y=2H      | < 0             | < 0  | < 0  | < 0  | < 0  | < 0           | < 0  | < 0  | < 0  | < 0  |
| x=4H y=3H      | < 0             | < 0  | 0.3  | 0.8  | 2.8  | < 0           | < 0  | 0.6  | 1.0  | 2.8  |
| x=4H y=4H      | 3.4             | 3.8  | 4.6  | 5.0  | 7.0  | 3.7           | 4.1  | 4.9  | 5.3  | 7.0  |
| x=4H y=6H      | 7.5             | 7.9  | 8.7  | 9.1  | 11.1 | 7.8           | 8.2  | 9.0  | 9.4  | 11.1 |
| x=4H y=8H      | 9.6             | 9.9  | 10.8 | 11.1 | 13.1 | 9.8           | 10.2 | 11.0 | 11.4 | 13.1 |
| x=4H y=12H     | 11.7            | 12.0 | 12.9 | 13.3 | 15.2 | 11.9          | 12.2 | 13.1 | 13.4 | 15.2 |
| x=8H y=4H      | 3.8             | 4.1  | 5.0  | 5.4  | 7.6  | 4.3           | 4.7  | 5.5  | 5.9  | 7.6  |
| x=8H y=6H      | 8.1             | 8.4  | 9.3  | 9.6  | 12.0 | 8.7           | 9.0  | 9.9  | 10.2 | 12.0 |
| x=8H y=8H      | 10.4            | 10.7 | 11.7 | 11.9 | 14.2 | 10.9          | 11.2 | 12.1 | 12.4 | 14.2 |
| x=8H y=12H     | 12.8            | 13.1 | 14.1 | 14.3 | 16.4 | 13.2          | 13.4 | 14.4 | 14.6 | 16.4 |
| x=12H y=4H     | 4.1             | 4.4  | 5.3  | 5.6  | 8.0  | 4.7           | 5.0  | 5.9  | 6.2  | 8.0  |
| x=12H y=6H     | 8.3             | 8.6  | 9.6  | 9.8  | 12.2 | 8.9           | 9.2  | 10.2 | 10.4 | 12.2 |
| x=12H y=8H     | 10.7            | 10.9 | 11.9 | 12.1 | 14.5 | 11.2          | 11.4 | 12.4 | 12.7 | 14.5 |

|                  |                             |                   |                             |             |                      |
|------------------|-----------------------------|-------------------|-----------------------------|-------------|----------------------|
| <b>Luminaire</b> |                             | <b>Measurem.</b>  |                             | <b>Lamp</b> |                      |
| Code             | 4508                        | Code              | 4508                        | Code        | 4 led str 350mA 6.5W |
| Name             | Quadruple cluster wall lamp | Name              | Quadruple cluster wall lamp | Number      | 1                    |
| Line             | VIBIA-Origami               | Date              | 07-07-2014                  | Position    | Universal            |
| Efficiency       | 57.51%                      | Coordinate system | CG                          | Total Flux  | 3025.68 lm           |

Total Flux=3025.68 Luminaire Flux=1740.16

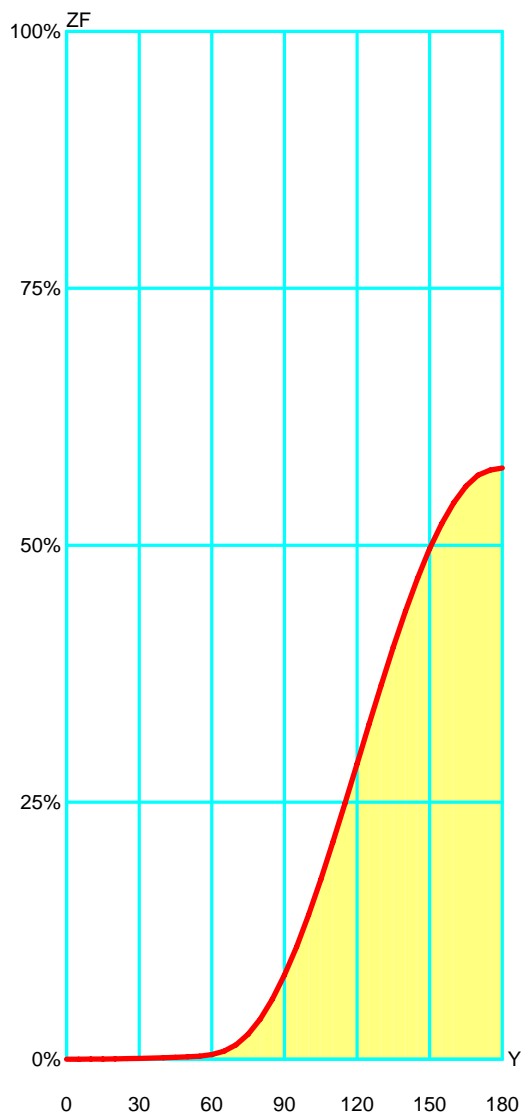
|     |      |      |      |      |      |      |      |      |      |      |       |       |
|-----|------|------|------|------|------|------|------|------|------|------|-------|-------|
| RI  | 0.60 | 0.80 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | 10.00 | 20.00 |
| DRR | 0.02 | 0.02 | 0.03 | 0.05 | 0.07 | 0.11 | 0.16 | 0.20 | 0.28 | 0.34 | 0.53  | 0.69  |
| RC  | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -     |

| 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)                     | 0  | 0  | 1  | 1  | 2  | 5  | 14 | 39 | 82 | 140 | 211 | 287 | 364 | 436 | 497 | 541 | 568 | 575 |

CIE Flux Codes  
2 6 31 14 58

C.I.E. -/-/-/-/-/-/-/-/-/-  
D DIN 5040 D13  
F UTE --  
B NBN BZ 10  
RN 85.77057 %  
BLF 1.0

LOR 57.51310 %  
ULOR 49.32932 %  
DLOR 8.18378 %  
UFF 85.77057 %  
DFF 14.22943 %  
FFR 602.76908 %



| Zonal Flux |       |        |          |          |
|------------|-------|--------|----------|----------|
| Gamma °    | Flux  | Sum lm | Flux [%] | Sum [%]  |
| 0°         | 0.00  | 0.00   | 0.00 %   | 0.00 %   |
| 5°         | 0.05  | 0.05   | 0.01 %   | 0.01 %   |
| 10°        | 0.07  | 0.12   | 0.01 %   | 0.02 %   |
| 15°        | 0.12  | 0.24   | 0.02 %   | 0.04 %   |
| 20°        | 0.17  | 0.40   | 0.03 %   | 0.07 %   |
| 25°        | 0.21  | 0.61   | 0.04 %   | 0.11 %   |
| 30°        | 0.25  | 0.86   | 0.04 %   | 0.15 %   |
| 35°        | 0.29  | 1.15   | 0.05 %   | 0.20 %   |
| 40°        | 0.33  | 1.48   | 0.06 %   | 0.26 %   |
| 45°        | 0.38  | 1.86   | 0.07 %   | 0.32 %   |
| 50°        | 0.45  | 2.30   | 0.08 %   | 0.40 %   |
| 55°        | 0.66  | 2.96   | 0.11 %   | 0.52 %   |
| 60°        | 1.54  | 4.51   | 0.27 %   | 0.78 %   |
| 65°        | 3.30  | 7.81   | 0.57 %   | 1.36 %   |
| 70°        | 6.26  | 14.07  | 1.09 %   | 2.45 %   |
| 75°        | 10.30 | 24.37  | 1.79 %   | 4.24 %   |
| 80°        | 14.71 | 39.08  | 2.56 %   | 6.79 %   |
| 85°        | 19.22 | 58.30  | 3.34 %   | 10.14 %  |
| 90°        | 23.54 | 81.84  | 4.09 %   | 14.23 %  |
| 95°        | 27.54 | 109.37 | 4.79 %   | 19.02 %  |
| 100°       | 31.11 | 140.48 | 5.41 %   | 24.43 %  |
| 105°       | 34.16 | 174.64 | 5.94 %   | 30.37 %  |
| 110°       | 36.40 | 211.04 | 6.33 %   | 36.69 %  |
| 115°       | 37.81 | 248.85 | 6.57 %   | 43.27 %  |
| 120°       | 38.56 | 287.41 | 6.70 %   | 49.97 %  |
| 125°       | 38.68 | 326.09 | 6.73 %   | 56.70 %  |
| 130°       | 38.11 | 364.19 | 6.63 %   | 63.32 %  |
| 135°       | 36.83 | 401.02 | 6.40 %   | 69.73 %  |
| 140°       | 34.84 | 435.87 | 6.06 %   | 75.79 %  |
| 145°       | 32.13 | 467.99 | 5.59 %   | 81.37 %  |
| 150°       | 28.64 | 496.64 | 4.98 %   | 86.35 %  |
| 155°       | 24.52 | 521.15 | 4.26 %   | 90.61 %  |
| 160°       | 20.30 | 541.45 | 3.53 %   | 94.14 %  |
| 165°       | 15.95 | 557.41 | 2.77 %   | 96.92 %  |
| 170°       | 10.71 | 568.11 | 1.86 %   | 98.78 %  |
| 175°       | 5.09  | 573.20 | 0.89 %   | 99.66 %  |
| 180°       | 1.93  | 575.13 | 0.34 %   | 100.00 % |



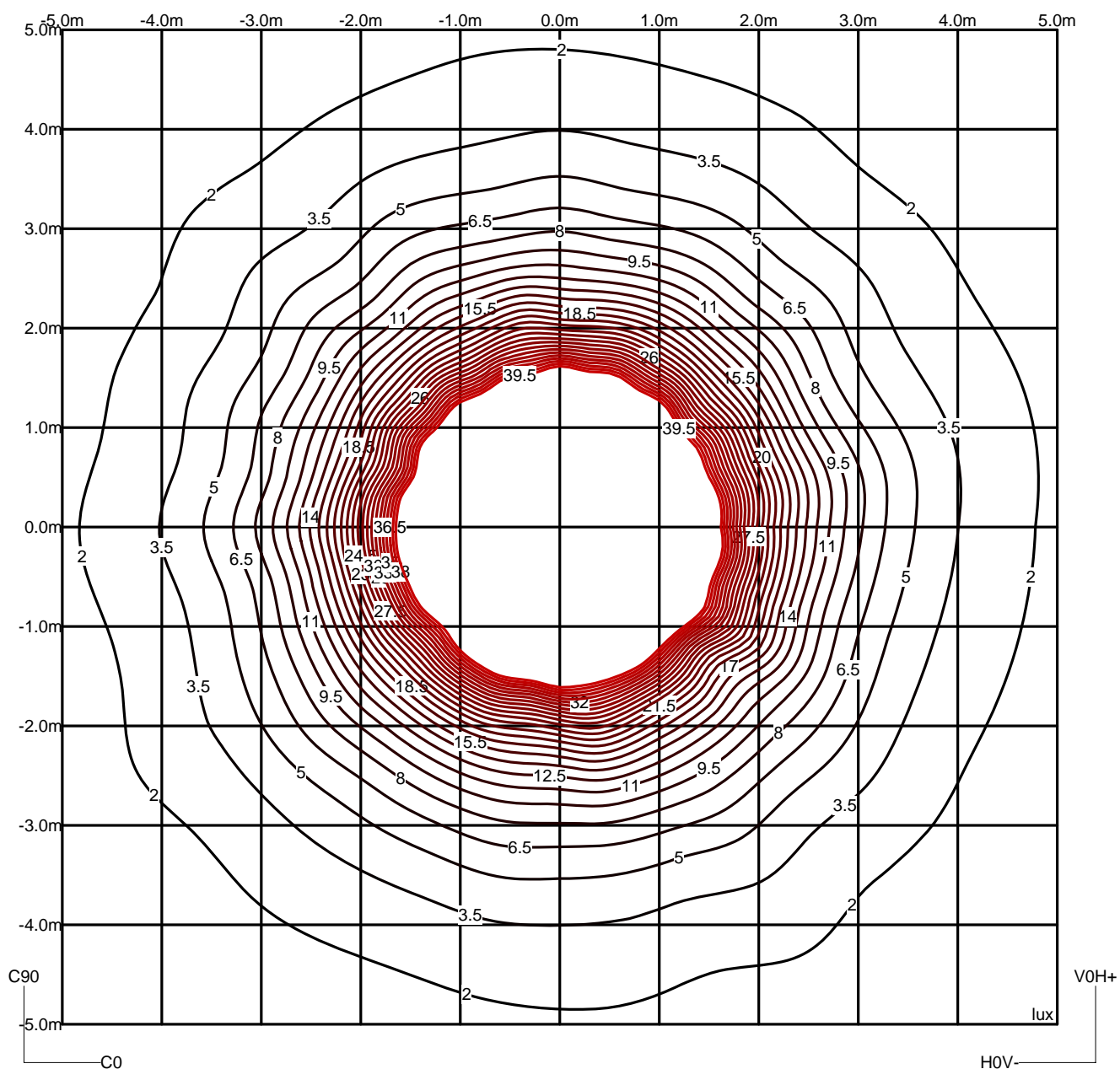
|                  |                             |                   |                             |             |                      |
|------------------|-----------------------------|-------------------|-----------------------------|-------------|----------------------|
| <b>Luminaire</b> |                             | <b>Measurem.</b>  |                             | <b>Lamp</b> |                      |
| Code             | 4508                        | Code              | 4508                        | Code        | 4 led str 350mA 6.5W |
| Name             | Quadruple cluster wall lamp | Name              | Quadruple cluster wall lamp | Number      | 1                    |
| Line             | VIBIA-Origami               | Date              | 07-07-2014                  | Position    | Universal            |
| Efficiency       | 57.51%                      | Coordinate system | CG                          | Total Flux  | 3025.68 lm           |

Left beam angle not found, gamma = 30

|                  |                             |                   |                             |             |                      |
|------------------|-----------------------------|-------------------|-----------------------------|-------------|----------------------|
| <b>Luminaire</b> |                             | <b>Measur.</b>    |                             | <b>Lamp</b> |                      |
| Code             | 4508                        | Code              | 4508                        | Code        | 4 led str 350mA 6.5W |
| Name             | Quadruple cluster wall lamp | Name              | Quadruple cluster wall lamp | Number      | 1                    |
| Line             | VIBIA-Origami               | Date              | 07-07-2014                  | Position    | Universal            |
| Efficiency       | 57.51%                      | Coordinate system | CG                          | Total Flux  | 3025.68 lm           |

Isolux (Ceiling)

Luminaire position X=0.00m Y=0.00m Z=2.00m



|                  |                             |  |  |                   |                             |  |  |             |                      |  |  |
|------------------|-----------------------------|--|--|-------------------|-----------------------------|--|--|-------------|----------------------|--|--|
| <b>Luminaire</b> |                             |  |  | <b>Measurem.</b>  |                             |  |  | <b>Lamp</b> |                      |  |  |
| Code             | 4508                        |  |  | Code              | 4508                        |  |  | Code        | 4 led str 350mA 6.5W |  |  |
| Name             | Quadruple cluster wall lamp |  |  | Name              | Quadruple cluster wall lamp |  |  | Number      | 1                    |  |  |
| Line             | VIBIA-Origami               |  |  | Date              | 07-07-2014                  |  |  | Position    | Universal            |  |  |
| Efficiency       | 57.51%                      |  |  | Coordinate system | CG                          |  |  | Total Flux  | 3025.68 lm           |  |  |

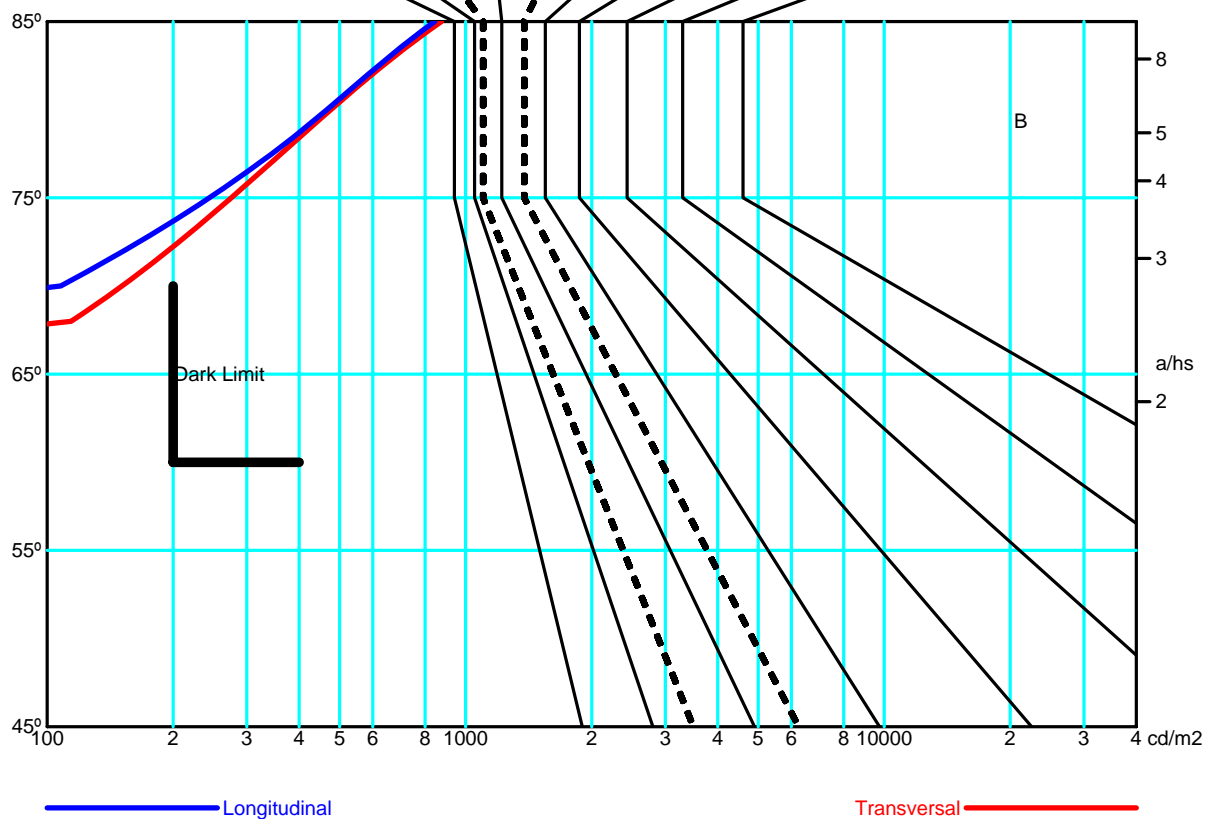
#### Utilizations CIE

| Mounting | Direct |  |  |  | Normalization |  |  |  | Normalised |  |  |  | Suspension Ratio |  |  |  | Standard CIE Settings |  |  |  |
|----------|--------|--|--|--|---------------|--|--|--|------------|--|--|--|------------------|--|--|--|-----------------------|--|--|--|
|          |        |  |  |  |               |  |  |  |            |  |  |  |                  |  |  |  |                       |  |  |  |
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|          |        |  |  |  |               |  |  |  |            |  |  |  |                  |  |  |  |                       |  |  |  |
|          |        |  |  |  |               |  |  |  |            |  |  |  |                  |  |  |  |                       |  |  |  |
|          |        |  |  |  |               |  |  |  |            |  |  |  |                  |  |  |  |                       |  |  |  |
|          |        |  |  |  |               |  |  |  |            |  |  |  |                  |  |  |  |                       |  |  |  |
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|          |        |  |  |  |               |  |  |  |            |  |  |  |                  |  |  |  |                       |  |  |  |
|          |        |  |  |  |               |  |  |  |            |  |  |  |                  |  |  |  |                       |  |  |  |
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|          |        |  |  |  |               |  |  |  |            |  |  |  |                  |  |  |  |                       |  |  |  |
|          |        |  |  |  |               |  |  |  |            |  |  |  |                  |  |  |  |                       |  |  |  |
|          |        |  |  |  |               |  |  |  |            |  |  |  |                  |  |  |  |                       |  |  |  |
|          |        |  |  |  |               |  |  |  |            |  |  |  |                  |  |  |  |                       |  |  |  |
|          |        |  |  |  |               |  |  |  |            |  |  |  |                  |  |  |  |                       |  |  |  |
|          |        |  |  |  |               |  |  |  |            |  |  |  |                  |  |  |  |                       |  |  |  |
|          |        |  |  |  |               |  |  |  |            |  |  |  |                  |  |  |  |                       |  |  |  |
|          |        |  |  |  |               |  |  |  |            |  |  |  |                  |  |  |  |                       |  |  |  |

|                  |                             |                   |                             |             |                      |
|------------------|-----------------------------|-------------------|-----------------------------|-------------|----------------------|
| <b>Luminaire</b> |                             | <b>Measurem.</b>  |                             | <b>Lamp</b> |                      |
| Code             | 4508                        | Code              | 4508                        | Code        | 4 led str 350mA 6.5W |
| Name             | Quadruple cluster wall lamp | Name              | Quadruple cluster wall lamp | Number      | 1                    |
| Line             | VIBIA-Origami               | Date              | 07-07-2014                  | Position    | Universal            |
| Efficiency       | 57.51%                      | Coordinate system | CG                          | Total Flux  | 3025.68 lm           |

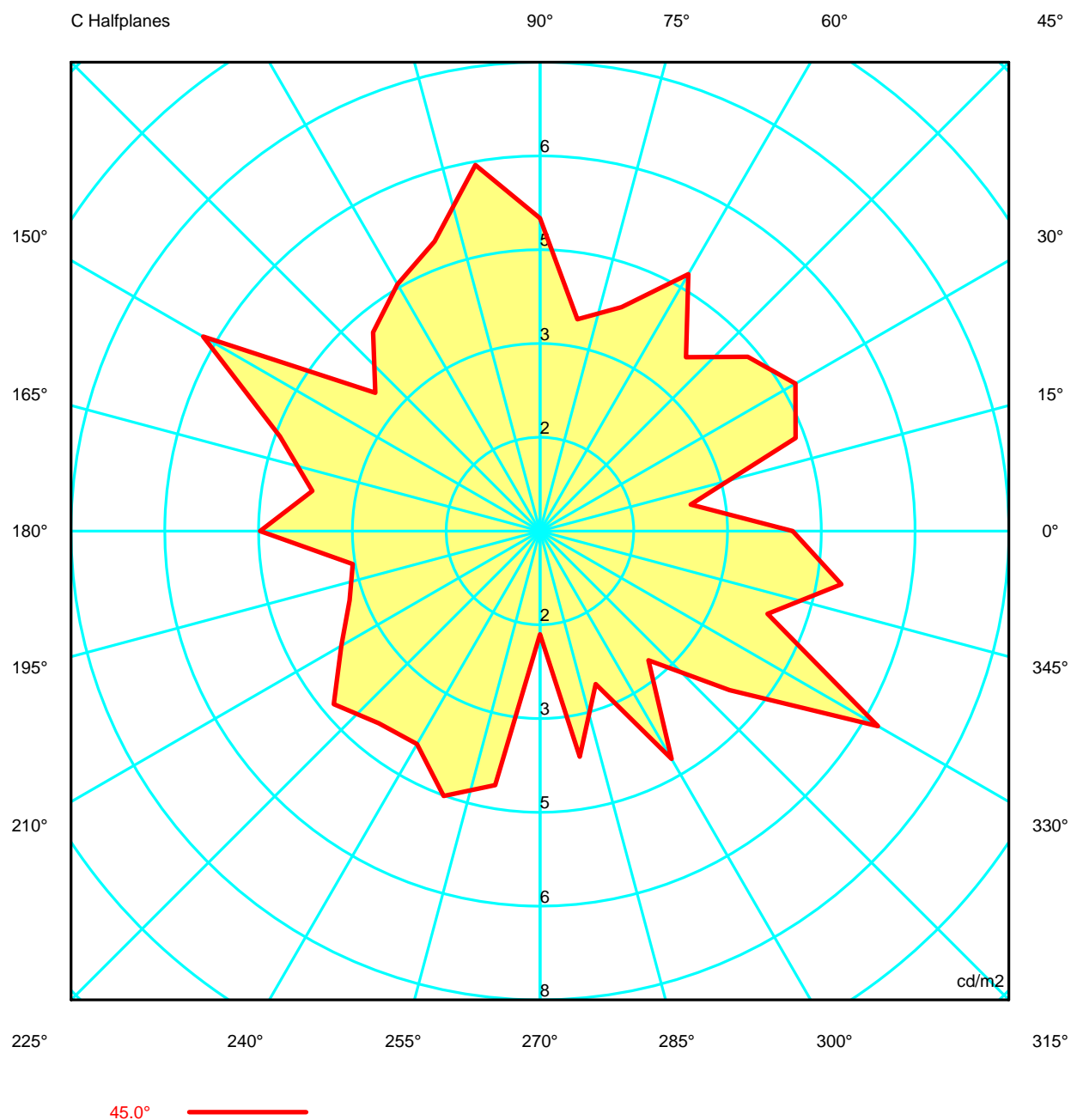
| Average Luminance [cd/m²] |     |     |     |     |     |     |     |     |     |     |
|---------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 0.0°                      | 45° | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° |     |
| 90.0°                     | 4   | 5   | 7   | 24  | 70  | 151 | 275 | 476 | 875 | --- |
|                           | 5   | 7   | 9   | 17  | 43  | 108 | 244 | 466 | 844 | --- |

| 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             | 4508                        | Code              | 4508                        | Code        | 4 led str 350mA 6.5W |
| Name             | Quadruple cluster wall lamp | Name              | Quadruple cluster wall lamp | Number      | 1                    |
| Line             | VIBIA-Origami               | Date              | 07-07-2014                  | Position    | Universal            |
| Efficiency       | 57.51%                      | Coordinate system | CG                          | Total Flux  | 3025.68 lm           |

Luminance



| Luminaire  |                             |         |         | Measurem.       |                             |                   |         | Lamp     |                      |            |         |            |         |          |          |          |
|------------|-----------------------------|---------|---------|-----------------|-----------------------------|-------------------|---------|----------|----------------------|------------|---------|------------|---------|----------|----------|----------|
| Code       | 4508                        |         |         | Code            | 4508                        |                   |         | Code     | 4 led str 350mA 6.5W |            |         |            |         |          |          |          |
| Name       | Quadruple cluster wall lamp |         |         | Name            | Quadruple cluster wall lamp |                   |         | Number   | 1                    |            |         |            |         |          |          |          |
| Line       | VIBIA-Origami               |         |         | Date            | 07-07-2014                  |                   |         | Position | Universal            |            |         |            |         |          |          |          |
| Efficiency |                             |         |         | 57.51%          |                             | Coordinate system |         | CG       |                      | Total Flux |         | 3025.68 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      | 4.45                        | 4.45    | 4.45    | 4.45            | 4.45                        | 4.45              | 4.45    | 4.45     | 4.45                 | 4.45       | 4.45    | 4.45       | 4.45    | 4.45     | 4.45     | 4.45     |
| G 5.0      | 4.08                        | 3.98    | 4.36    | 3.18            | 2.57                        | 2.89              | 2.85    | 3.02     | 3.13                 | 2.97       | 2.73    | 2.93       | 2.99    |          |          |          |
| G 10.0     | 3.93                        | 3.82    | 3.97    | 2.81            | 1.84                        | 2.13              | 1.92    | 2.64     | 2.57                 | 1.92       | 1.83    | 2.19       | 2.15    |          |          |          |
| G 15.0     | 3.91                        | 4.06    | 3.15    | 3.73            | 2.91                        | 2.67              | 2.08    | 3.80     | 3.19                 | 1.66       | 2.23    | 2.67       | 2.31    |          |          |          |
| G 20.0     | 3.92                        | 4.22    | 2.53    | 4.37            | 4.57                        | 3.99              | 2.95    | 4.75     | 4.04                 | 2.32       | 3.33    | 3.73       | 3.08    |          |          |          |
| G 25.0     | 3.15                        | 3.87    | 2.85    | 3.35            | 5.38                        | 5.23              | 3.93    | 3.78     | 4.05                 | 3.76       | 4.38    | 4.65       | 3.94    |          |          |          |
| G 30.0     | 2.48                        | 3.62    | 3.21    | 2.48            | 5.00                        | 5.25              | 4.34    | 2.08     | 3.31                 | 4.70       | 5.24    | 5.54       | 4.61    |          |          |          |
| G 35.0     | 2.76                        | 3.78    | 3.35    | 3.74            | 3.63                        | 3.38              | 3.78    | 1.39     | 2.30                 | 4.10       | 5.51    | 6.49       | 4.93    |          |          |          |
| G 40.0     | 3.51                        | 3.99    | 3.55    | 5.27            | 2.94                        | 2.03              | 3.51    | 2.00     | 2.01                 | 3.55       | 5.85    | 6.55       | 4.88    |          |          |          |
| G 45.0     | 4.04                        | 2.45    | 4.35    | 4.72            | 4.34                        | 3.63              | 4.75    | 3.81     | 3.44                 | 5.00       | 5.95    | 4.93       | 4.56    |          |          |          |
| G 50.0     | 4.53                        | 2.49    | 5.07    | 3.69            | 5.45                        | 5.20              | 5.46    | 6.59     | 6.53                 | 7.29       | 6.10    | 3.98       | 4.49    |          |          |          |
| G 55.0     | 7.28                        | 9.18    | 12.74   | 5.71            | 10.47                       | 9.36              | 8.60    | 11.64    | 12.44                | 9.40       | 11.73   | 7.51       | 5.71    |          |          |          |
| G 60.0     | 23.70                       | 28.45   | 22.34   | 16.31           | 16.77                       | 14.58             | 12.55   | 28.21    | 29.95                | 17.34      | 24.34   | 19.74      | 10.83   |          |          |          |
| G 65.0     | 69.78                       | 68.93   | 69.35   | 45.53           | 60.25                       | 54.71             | 45.41   | 70.73    | 72.70                | 42.98      | 48.50   | 46.25      | 24.88   |          |          |          |
| G 70.0     | 151.05                      | 142.89  | 153.11  | 115.54          | 145.40                      | 133.30            | 112.36  | 152.55   | 152.38               | 107.81     | 99.37   | 92.53      | 59.21   |          |          |          |
| G 75.0     | 275.29                      | 270.39  | 278.18  | 259.02          | 283.00                      | 260.38            | 225.14  | 290.83   | 286.08               | 244.22     | 202.91  | 170.40     | 133.40  |          |          |          |
| G 80.0     | 476.17                      | 477.92  | 461.17  | 485.10          | 488.69                      | 462.05            | 403.47  | 492.23   | 497.00               | 466.13     | 384.30  | 318.00     | 272.77  |          |          |          |
| G 85.0     | 875.34                      | 859.03  | 778.77  | 838.43          | 827.53                      | 825.83            | 721.96  | 804.34   | 878.84               | 843.60     | 736.64  | 652.63     | 555.05  |          |          |          |
| G 90.0     | 2303.51                     | 2102.27 | 1835.15 | 1872.13         | 1796.21                     | 1857.46           | 1712.24 | 1825.93  | 2239.15              | 2353.62    | 2065.51 | 1783.70    | 1449.59 |          |          |          |

|                        |                             |          |          |                   |                             |          |          |             |                      |            |          |          |          |
|------------------------|-----------------------------|----------|----------|-------------------|-----------------------------|----------|----------|-------------|----------------------|------------|----------|----------|----------|
| <b>Luminaire</b>       |                             |          |          | <b>Measurem.</b>  |                             |          |          | <b>Lamp</b> |                      |            |          |          |          |
| Code                   | 4508                        |          |          | Code              | 4508                        |          |          | Code        | 4 led str 350mA 6.5W |            |          |          |          |
| Name                   | Quadruple cluster wall lamp |          |          | Name              | Quadruple cluster wall lamp |          |          | Number      | 1                    |            |          |          |          |
| Line                   | VIBIA-Origami               |          |          | Date              | 07-07-2014                  |          |          | Position    | Universal            |            |          |          |          |
| Efficiency             |                             | 57.51%   |          | Coordinate system |                             | CG       |          | Total Flux  |                      | 3025.68 lm |          |          |          |
| <b>Luminance cd/m2</b> |                             |          |          | <b>Table 2/3</b>  |                             |          |          |             |                      |            |          |          |          |
|                        | 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                  | 4.45                        | 4.45     | 4.45     | 4.45              | 4.45                        | 4.45     | 4.45     | 4.45        | 4.45                 | 4.45       | 4.45     | 4.45     | 4.45     |
| G 5.0                  | 3.15                        | 2.76     | 2.55     | 2.50              | 3.74                        | 3.66     | 3.75     | 4.12        | 4.19                 | 4.42       | 5.19     | 4.87     | 4.26     |
| G 10.0                 | 2.46                        | 1.72     | 1.53     | 1.69              | 3.20                        | 3.14     | 3.12     | 3.82        | 3.71                 | 4.42       | 5.04     | 4.94     | 4.14     |
| G 15.0                 | 2.73                        | 1.73     | 1.83     | 2.59              | 2.86                        | 3.00     | 2.60     | 2.42        | 2.86                 | 3.34       | 3.49     | 4.44     | 4.06     |
| G 20.0                 | 3.34                        | 2.34     | 2.51     | 3.47              | 2.40                        | 2.68     | 2.36     | 1.25        | 1.94                 | 2.00       | 1.81     | 3.86     | 3.75     |
| G 25.0                 | 3.52                        | 3.02     | 2.66     | 2.70              | 1.62                        | 1.80     | 2.54     | 1.43        | 1.39                 | 1.18       | 1.36     | 3.69     | 3.03     |
| G 30.0                 | 2.94                        | 3.64     | 3.22     | 1.80              | 1.32                        | 1.38     | 3.07     | 2.71        | 1.57                 | 1.66       | 1.91     | 3.61     | 2.49     |
| G 35.0                 | 1.71                        | 4.14     | 5.14     | 2.59              | 2.21                        | 2.40     | 3.67     | 4.34        | 2.66                 | 3.73       | 2.82     | 3.26     | 2.81     |
| G 40.0                 | 1.59                        | 4.14     | 6.73     | 3.92              | 3.20                        | 3.66     | 3.52     | 4.86        | 3.70                 | 5.29       | 3.68     | 3.20     | 3.74     |
| G 45.0                 | 4.15                        | 3.44     | 6.22     | 4.43              | 3.70                        | 4.48     | 3.04     | 3.24        | 3.67                 | 4.31       | 4.01     | 3.93     | 4.51     |
| G 50.0                 | 6.76                        | 3.15     | 5.84     | 6.29              | 4.30                        | 5.47     | 2.50     | 2.12        | 3.10                 | 3.45       | 4.44     | 4.15     | 5.44     |
| G 55.0                 | 8.57                        | 5.34     | 9.52     | 14.12             | 10.94                       | 12.99    | 8.92     | 5.95        | 4.22                 | 6.47       | 5.96     | 6.36     | 10.18    |
| G 60.0                 | 10.88                       | 13.60    | 21.48    | 36.98             | 32.65                       | 34.99    | 27.60    | 20.14       | 14.75                | 12.92      | 7.89     | 9.14     | 16.15    |
| G 65.0                 | 29.71                       | 33.47    | 47.09    | 85.36             | 81.79                       | 82.39    | 65.68    | 52.04       | 44.17                | 22.19      | 16.80    | 32.01    | 45.71    |
| G 70.0                 | 71.18                       | 72.46    | 91.04    | 154.97            | 161.55                      | 158.13   | 123.24   | 109.46      | 89.77                | 41.07      | 40.87    | 71.72    | 101.51   |
| G 75.0                 | 146.81                      | 144.63   | 163.47   | 242.29            | 278.46                      | 269.80   | 204.85   | 206.43      | 149.17               | 84.78      | 95.23    | 129.49   | 193.65   |
| G 80.0                 | 278.27                      | 280.84   | 298.56   | 398.22            | 475.34                      | 468.51   | 362.80   | 374.26      | 260.29               | 186.10     | 196.20   | 244.14   | 353.88   |
| G 85.0                 | 540.26                      | 575.45   | 598.42   | 773.47            | 889.28                      | 920.07   | 754.46   | 710.48      | 543.12               | 436.40     | 403.91   | 534.87   | 685.42   |
| G 90.0                 | 1401.50                     | 1522.69  | 1547.08  | 1954.78           | 2238.12                     | 2554.33  | 2087.28  | 1751.57     | 1535.30              | 1248.07    | 1165.32  | 1529.83  | 1775.30  |

|                 |                             |          |          |          |                   |                             |          |          |          |            |                      |            |          |
|-----------------|-----------------------------|----------|----------|----------|-------------------|-----------------------------|----------|----------|----------|------------|----------------------|------------|----------|
| Luminaire       |                             |          |          |          | Measurem.         |                             |          |          |          | Lamp       |                      |            |          |
| Code            | 4508                        |          |          |          | Code              | 4508                        |          |          |          | Code       | 4 led str 350mA 6.5W |            |          |
| Name            | Quadruple cluster wall lamp |          |          |          | Name              | Quadruple cluster wall lamp |          |          |          | Number     | 1                    |            |          |
| Line            | VIBIA-Origami               |          |          |          | Date              | 07-07-2014                  |          |          |          | Position   | Universal            |            |          |
| Efficiency      |                             | 57.51%   |          |          | Coordinate system |                             | CG       |          |          | Total Flux |                      | 3025.68 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           | 4.45                        | 4.45     | 4.45     | 4.45     | 4.45              | 4.45                        | 4.45     | 4.45     | 4.45     | 4.45       | 4.45                 | 4.45       | 4.45     |
| G 5.0           | 3.66                        | 3.75     | 4.12     | 4.19     | 4.42              | 5.19                        | 4.87     | 4.26     | 4.25     | 4.18       | 3.96                 | 3.66       | 3.71     |
| G 10.0          | 3.14                        | 3.12     | 3.82     | 3.71     | 4.42              | 5.04                        | 4.94     | 4.14     | 4.09     | 3.66       | 3.32                 | 2.96       | 3.21     |
| G 15.0          | 3.00                        | 2.60     | 2.42     | 2.86     | 3.34              | 3.49                        | 4.44     | 4.06     | 3.09     | 2.78       | 2.51                 | 2.40       | 3.05     |
| G 20.0          | 2.68                        | 2.36     | 1.25     | 1.94     | 2.00              | 1.81                        | 3.86     | 3.75     | 2.19     | 2.17       | 2.28                 | 2.24       | 2.98     |
| G 25.0          | 1.80                        | 2.54     | 1.43     | 1.39     | 1.18              | 1.36                        | 3.69     | 3.03     | 2.32     | 2.72       | 3.09                 | 2.61       | 2.79     |
| G 30.0          | 1.38                        | 3.07     | 2.71     | 1.57     | 1.66              | 1.91                        | 3.61     | 2.49     | 2.48     | 3.32       | 3.41                 | 3.02       | 2.88     |
| G 35.0          | 2.40                        | 3.67     | 4.34     | 2.66     | 3.73              | 2.82                        | 3.26     | 2.81     | 2.73     | 3.41       | 1.90                 | 2.91       | 3.39     |
| G 40.0          | 3.66                        | 3.52     | 4.86     | 3.70     | 5.29              | 3.68                        | 3.20     | 3.74     | 3.14     | 3.53       | 1.07                 | 2.52       | 3.99     |
| G 45.0          | 4.48                        | 3.04     | 3.24     | 3.67     | 4.31              | 4.01                        | 3.93     | 4.51     | 4.13     | 1.65       | 3.66                 | 2.60       | 4.21     |
| G 50.0          | 5.47                        | 2.50     | 2.12     | 3.10     | 3.45              | 4.44                        | 4.15     | 5.44     | 5.65     | 3.26       | 6.59                 | 4.98       | 4.50     |
| G 55.0          | 12.99                       | 8.92     | 5.95     | 4.22     | 6.47              | 5.96                        | 6.36     | 10.18    | 8.88     | 15.41      | 12.56                | 12.91      | 12.22    |
| G 60.0          | 34.99                       | 27.60    | 20.14    | 14.75    | 12.92             | 7.89                        | 9.14     | 16.15    | 21.70    | 43.34      | 20.10                | 33.30      | 32.98    |
| G 65.0          | 82.39                       | 65.68    | 52.04    | 44.17    | 22.19             | 16.80                       | 32.01    | 45.71    | 55.54    | 93.34      | 64.91                | 75.90      | 76.02    |
| G 70.0          | 158.13                      | 123.24   | 109.46   | 89.77    | 41.07             | 40.87                       | 71.72    | 101.51   | 115.92   | 171.82     | 149.31               | 148.00     | 152.51   |
| G 75.0          | 269.80                      | 204.85   | 206.43   | 149.17   | 84.78             | 95.23                       | 129.49   | 193.65   | 213.04   | 292.79     | 282.06               | 264.01     | 278.82   |
| G 80.0          | 468.51                      | 362.80   | 374.26   | 260.29   | 186.10            | 196.20                      | 244.14   | 353.88   | 387.92   | 501.03     | 494.44               | 470.38     | 468.17   |
| G 85.0          | 920.07                      | 754.46   | 710.48   | 543.12   | 436.40            | 403.91                      | 534.87   | 685.42   | 773.89   | 955.18     | 904.68               | 905.48     | 782.57   |
| G 90.0          | 2554.33                     | 2087.28  | 1751.57  | 1535.30  | 1248.07           | 1165.32                     | 1529.83  | 1775.30  | 2143.08  | 2812.45    | 2360.54              | 2246.58    | 1798.07  |