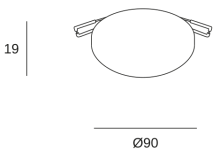


**TC-0504-BLA**

Ceiling fixture Wide Ø90mm IP54 LED 8.5W LED neutral-white 4000K ON-OFF White 803lm

**TECHNICAL FEATURES**



Luminaire total power : 9.5W

Real lumens : 803

Nominal lumens : 1100

Real lm/W : 85

Lens / reflector angle : HORIZONTAL 120°

Structure material : Aluminium

Structure finish : White

Diffuser material : Polycarbonate

Diffuser finish : Opal

Voltage / frequency : 100-240V/50-60Hz

Dimming protocol : ON-OFF

Power Factor : 0.90

Useful life : 36.000h L70B30

Warranty : 2 Years

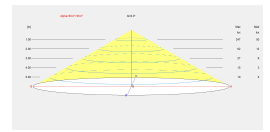
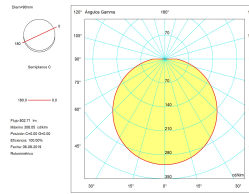
**LUMINOTECHNIC FEATURES**

CRI: 80

MacAdam steps: 5

Photobiological risk: RG0

| Lampholder | Quantity | Light source power (W) | Correlated Colour Temperature (CCT) |
|------------|----------|------------------------|-------------------------------------|
| LED        | 1        | 8.5W                   | LED neutral-white 4000K             |



**LOGISTICS**

Net weight (kg): 0.11

Packaged weight (kg): 0.15

Packaging: -mm x -mm x -mm





**Luminaire**

Code TC-0504-BLA  
Name WIDE

**Measurem.**

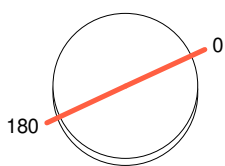
Code TC-0504-BLA  
Name WIDE

|                            |           |                 |               |                             |               |                 |                 |
|----------------------------|-----------|-----------------|---------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux             | 802.71 lm | Luminaire Power | 9.50 W        | Efficacy                    | 84.50 lm/W    | Efficiency      | 100.00%         |
| Sources Flux               | 802.71 lm | Maximum value   | 308.05 cd/klm | Position                    | C=0.00 G=0.00 | CG              | Rotosymmetrical |
| Round Luminaire            |           | Diam.           | 90 mm         | Height                      | 15 mm         |                 |                 |
| Round Luminous Area        |           | Diam.           | 85 mm         | Height                      | 0 mm          |                 |                 |
| Horizontal Luminous Area   |           | 0.005675 m2     |               | Emitting area on Plane 180° |               | 0.000000 m2     |                 |
| Emitting area on Plane 0°  |           | 0.000000 m2     |               | Emitting area on Plane 270° |               | 0.000000 m2     |                 |
| Emitting area on Plane 90° |           | 0.000000 m2     |               | Glare area at 76°           |               | 0.001373 m2     |                 |
| Coordinate system          |           | CG              |               | Symmetry Type               |               | Rotosymmetrical |                 |
| Date                       |           | 06-08-2019      |               | Maximum Gamma Angle         |               | 90              |                 |
| Measurement Distance       |           | 0.00            |               | Measurement Flux            |               | 802.71 lm       |                 |
| Operator                   |           | qualitat        |               | Rated Voltage               |               |                 |                 |
| Temperature                |           | 25.00 °C        |               | Rated Current               |               |                 |                 |
| Humidity                   |           | 60.00 %         |               | Photocell                   |               |                 |                 |
| Notes                      |           |                 |               |                             |               |                 |                 |

**Luminaire Lamps**

| Line   | Code             | Name        | Flux [lm] | Pow. [W] | Q.ty |
|--------|------------------|-------------|-----------|----------|------|
|        | TC-0504-BLA      | TC-0503-BLA | 802.71    | 9.50     | 1    |
| C.I.E. | 42 72 91 100 100 | D DIN 5040  | A30       |          |      |
| F UTE  | 1.00 G           | B NBN       | BZ 5      |          |      |

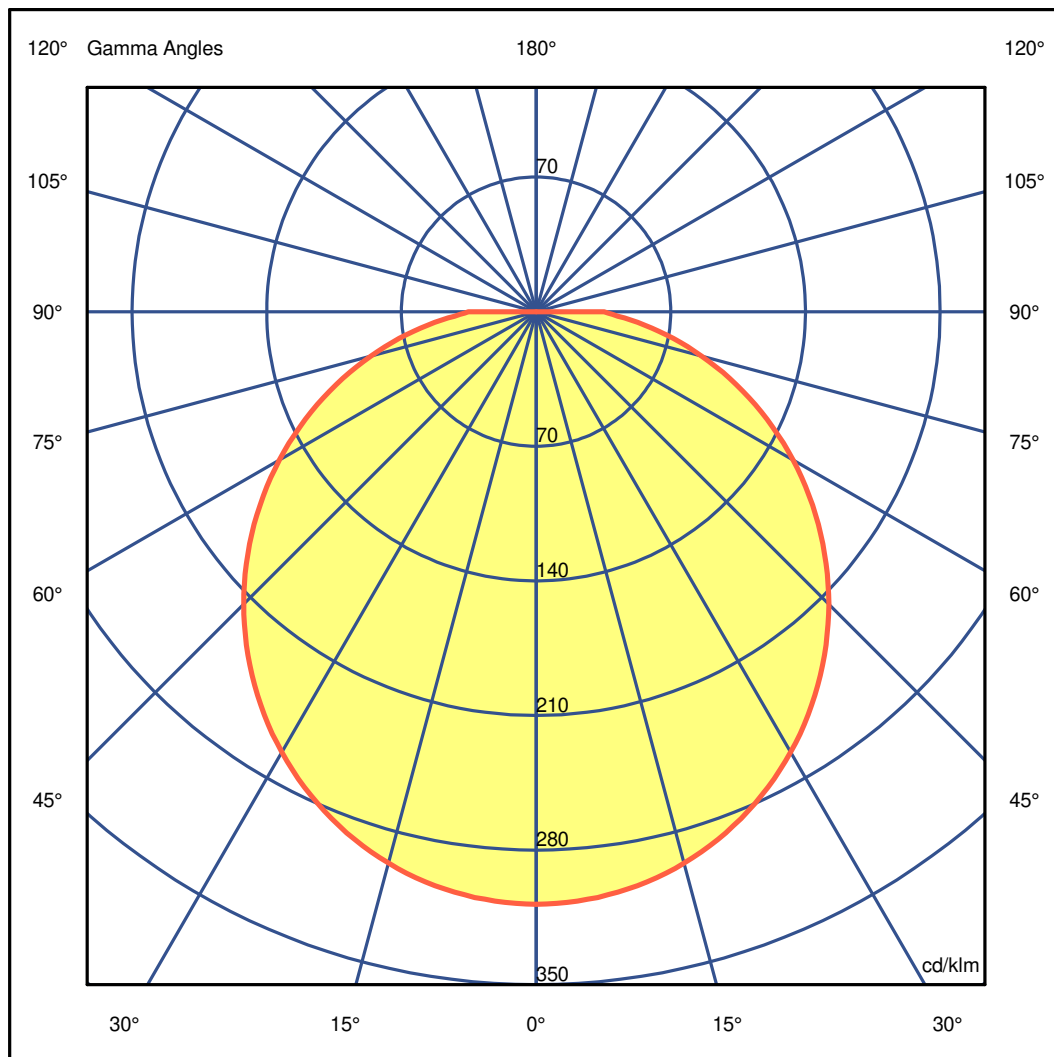
Diam=90mm



C Halfplanes

180.0 — 0.0

ULOR 0.00 %  
DLOR 100.00 %  
RN 0.00 %





**Luminaire**

Code TC-0504-BLA  
Name WIDE

**Measurem.**

Code TC-0504-BLA  
Name WIDE

|                |           |                 |               |          |               |            |                 |
|----------------|-----------|-----------------|---------------|----------|---------------|------------|-----------------|
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| Sources Flux   | 802.71 lm | Maximum value   | 308.05 cd/klm | Position | C=0.00 G=0.00 | CG         | Rotosymmetrical |

**Luminous Intensity Table cd/klm Table 1/1**

|        | C 0.00 | C 0.00        |
|--------|--------|---------------|
| G 0.0  | 308.05 | G 46.0 211.29 |
| G 1.0  | 308.03 | G 47.0 207.44 |
| G 2.0  | 307.81 | G 48.0 203.61 |
| G 3.0  | 307.62 | G 49.0 199.63 |
| G 4.0  | 307.29 | G 50.0 195.67 |
| G 5.0  | 306.66 | G 51.0 191.72 |
| G 6.0  | 306.24 | G 52.0 187.65 |
| G 7.0  | 305.47 | G 53.0 183.61 |
| G 8.0  | 304.85 | G 54.0 179.41 |
| G 9.0  | 303.92 | G 55.0 175.30 |
| G 10.0 | 303.05 | G 56.0 171.08 |
| G 11.0 | 301.96 | G 57.0 166.88 |
| G 12.0 | 300.82 | G 58.0 162.71 |
| G 13.0 | 299.63 | G 59.0 158.39 |
| G 14.0 | 298.30 | G 60.0 154.16 |
| G 15.0 | 296.82 | G 61.0 149.76 |
| G 16.0 | 295.24 | G 62.0 145.51 |
| G 17.0 | 293.67 | G 63.0 141.08 |
| G 18.0 | 291.99 | G 64.0 136.72 |
| G 19.0 | 290.16 | G 65.0 132.47 |
| G 20.0 | 288.36 | G 66.0 128.06 |
| G 21.0 | 286.27 | G 67.0 123.71 |
| G 22.0 | 284.20 | G 68.0 119.33 |
| G 23.0 | 281.99 | G 69.0 115.04 |
| G 24.0 | 279.76 | G 70.0 110.58 |
| G 25.0 | 277.33 | G 71.0 106.31 |
| G 26.0 | 275.01 | G 72.0 101.96 |
| G 27.0 | 272.57 | G 73.0 97.67  |
| G 28.0 | 269.88 | G 74.0 93.42  |
| G 29.0 | 267.30 | G 75.0 89.14  |
| G 30.0 | 264.50 | G 76.0 84.98  |
| G 31.0 | 261.67 | G 77.0 80.74  |
| G 32.0 | 258.81 | G 78.0 76.66  |
| G 33.0 | 255.76 | G 79.0 72.56  |
| G 34.0 | 252.81 | G 80.0 68.57  |
| G 35.0 | 249.61 | G 81.0 64.59  |
| G 36.0 | 246.49 | G 82.0 60.68  |
| G 37.0 | 243.17 | G 83.0 56.87  |
| G 38.0 | 239.93 | G 84.0 53.10  |
| G 39.0 | 236.54 | G 85.0 49.45  |
| G 40.0 | 233.13 | G 86.0 45.92  |
| G 41.0 | 229.68 | G 87.0 42.56  |
| G 42.0 | 226.00 | G 88.0 39.63  |
| G 43.0 | 222.41 | G 89.0 37.23  |
| G 44.0 | 218.74 | G 90.0 35.23  |
| G 45.0 | 215.09 |               |



**Luminaire**

Code TC-0504-BLA  
Name WIDE

**Measur.**

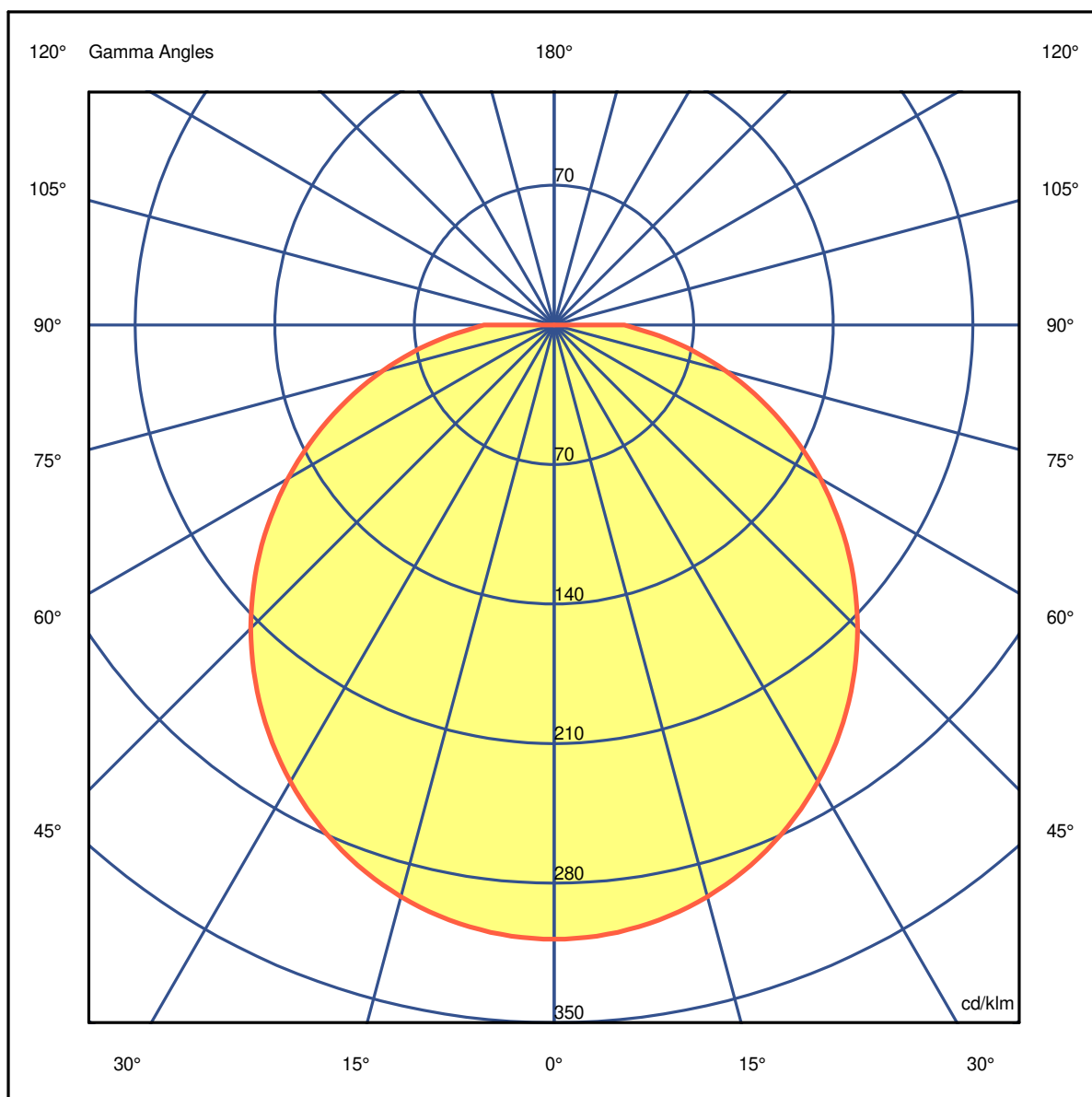
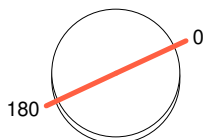
Code TC-0504-BLA  
Name WIDE

|                |           |                 |               |          |               |            |                 |
|----------------|-----------|-----------------|---------------|----------|---------------|------------|-----------------|
| Luminaire Flux | 802.71 lm | Luminaire Power | 9.50 W        | Efficacy | 84.50 lm/W    | Efficiency | 100.00%         |
| Sources Flux   | 802.71 lm | Maximum value   | 308.05 cd/klm | Position | C=0.00 G=0.00 | CG         | Rotosymmetrical |

Diam=90mm

C Halfplanes

180.0  0.0





**Luminaire**

Code TC-0504-BLA  
Name WIDE

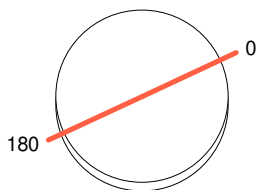
**Measurem.**

Code TC-0504-BLA  
Name WIDE

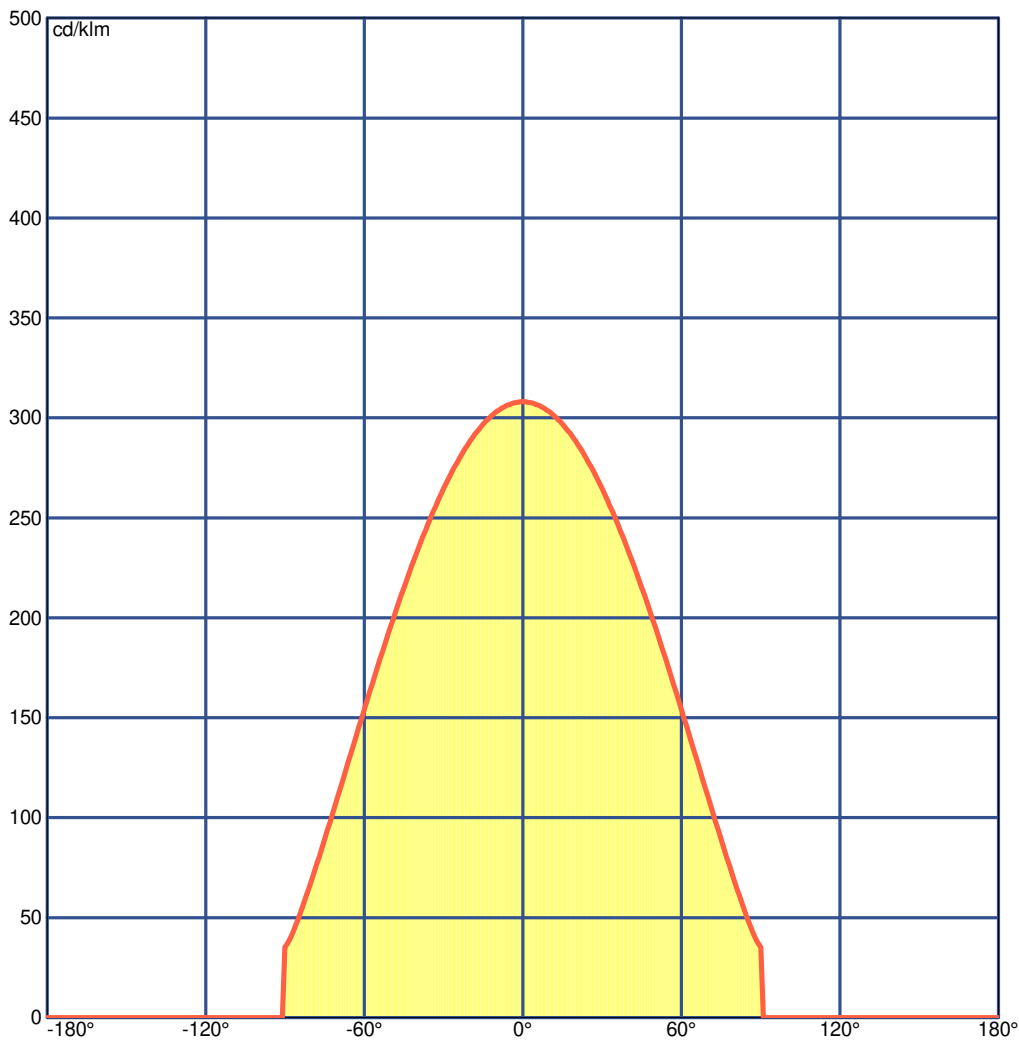
|                |           |                 |               |          |               |            |                 |
|----------------|-----------|-----------------|---------------|----------|---------------|------------|-----------------|
| Luminaire Flux | 802.71 lm | Luminaire Power | 9.50 W        | Efficacy | 84.50 lm/W    | Efficiency | 100.00%         |
| Sources Flux   | 802.71 lm | Maximum value   | 308.05 cd/klm | Position | C=0.00 G=0.00 | CG         | Rotosymmetrical |

Diam=90mm

C Halfplanes



180.0 ————— 0.0





**Luminaire**

Code TC-0504-BLA  
Name WIDE

**Measur.**

Code TC-0504-BLA  
Name WIDE

|                |           |                 |               |          |               |            |                 |
|----------------|-----------|-----------------|---------------|----------|---------------|------------|-----------------|
| Luminaire Flux | 802.71 lm | Luminaire Power | 9.50 W        | Efficacy | 84.50 lm/W    | Efficiency | 100.00%         |
| Sources Flux   | 802.71 lm | Maximum value   | 308.05 cd/klm | Position | C=0.00 G=0.00 | CG         | Rotosymmetrical |

**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 | Viewed Crosswise |      |      |      |      | Viewed Endwise |      |      |      |      |
| x=2H y=2H      | 25.5             | 26.9 | 25.8 | 27.2 | 27.4 | 25.5           | 26.9 | 25.8 | 27.2 | 27.4 |
| x=2H y=3H      | 27.6             | 28.9 | 27.9 | 29.1 | 29.4 | 27.6           | 28.9 | 27.9 | 29.1 | 29.4 |
| x=2H y=4H      | 28.5             | 29.8 | 28.9 | 30.1 | 30.4 | 28.5           | 29.8 | 28.9 | 30.1 | 30.4 |
| x=2H y=6H      | 29.5             | 30.7 | 29.9 | 31.0 | 31.3 | 29.5           | 30.7 | 29.9 | 31.0 | 31.3 |
| x=2H y=8H      | 30.0             | 31.1 | 30.4 | 31.4 | 31.8 | 30.0           | 31.1 | 30.4 | 31.4 | 31.8 |
| x=2H y=12H     | 30.5             | 31.6 | 30.9 | 31.9 | 32.2 | 30.5           | 31.6 | 30.9 | 31.9 | 32.2 |
| x=4H y=2H      | 26.4             | 27.6 | 26.7 | 27.9 | 28.2 | 26.4           | 27.6 | 26.7 | 27.9 | 28.2 |
| x=4H y=3H      | 28.6             | 29.7 | 29.0 | 30.0 | 30.4 | 28.6           | 29.7 | 29.0 | 30.0 | 30.4 |
| x=4H y=4H      | 29.8             | 30.7 | 30.2 | 31.1 | 31.5 | 29.8           | 30.7 | 30.2 | 31.1 | 31.5 |
| x=4H y=6H      | 30.9             | 31.8 | 31.4 | 32.1 | 32.6 | 30.9           | 31.8 | 31.4 | 32.1 | 32.6 |
| x=4H y=8H      | 31.5             | 32.3 | 31.9 | 32.7 | 33.1 | 31.5           | 32.3 | 31.9 | 32.7 | 33.1 |
| x=4H y=12H     | 32.1             | 32.8 | 32.6 | 33.3 | 33.7 | 32.1           | 32.8 | 32.6 | 33.3 | 33.7 |
| x=8H y=4H      | 30.3             | 31.1 | 30.8 | 31.5 | 31.9 | 30.3           | 31.1 | 30.8 | 31.5 | 31.9 |
| x=8H y=6H      | 31.7             | 32.3 | 32.2 | 32.8 | 33.2 | 31.7           | 32.3 | 32.2 | 32.8 | 33.2 |
| x=8H y=8H      | 32.4             | 33.0 | 32.9 | 33.5 | 33.9 | 32.4           | 33.0 | 32.9 | 33.5 | 33.9 |
| x=8H y=12H     | 33.2             | 33.7 | 33.7 | 34.2 | 34.7 | 33.2           | 33.7 | 33.7 | 34.2 | 34.7 |
| x=12H y=4H     | 30.4             | 31.1 | 30.9 | 31.6 | 32.0 | 30.4           | 31.1 | 30.9 | 31.6 | 32.0 |
| x=12H y=6H     | 31.9             | 32.5 | 32.4 | 32.9 | 33.4 | 31.9           | 32.5 | 32.4 | 32.9 | 33.4 |
| x=12H y=8H     | 32.7             | 33.2 | 33.2 | 33.7 | 34.2 | 32.7           | 33.2 | 33.2 | 33.7 | 34.2 |



**Luminaire**

Code TC-0504-BLA  
Name WIDE

**Measurement**

Code TC-0504-BLA  
Name WIDE

|                |           |                 |               |          |               |            |                 |
|----------------|-----------|-----------------|---------------|----------|---------------|------------|-----------------|
| Luminaire Flux | 802.71 lm | Luminaire Power | 9.50 W        | Efficacy | 84.50 lm/W    | Efficiency | 100.00%         |
| Sources Flux   | 802.71 lm | Maximum value   | 308.05 cd/klm | Position | C=0.00 G=0.00 | CG         | Rotosymmetrical |

Total Flux=802.71 Luminaire Flux=802.71

|     |      |      |      |      |      |      |      |      |      |      |       |       |
|-----|------|------|------|------|------|------|------|------|------|------|-------|-------|
| 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 | 0.27 | 0.35 | 0.42 | 0.49 | 0.54 | 0.63 | 0.69 | 0.73 | 0.78 | 0.82 | 0.90  | 0.94  |
| RC  | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6    | 6     | 6     |

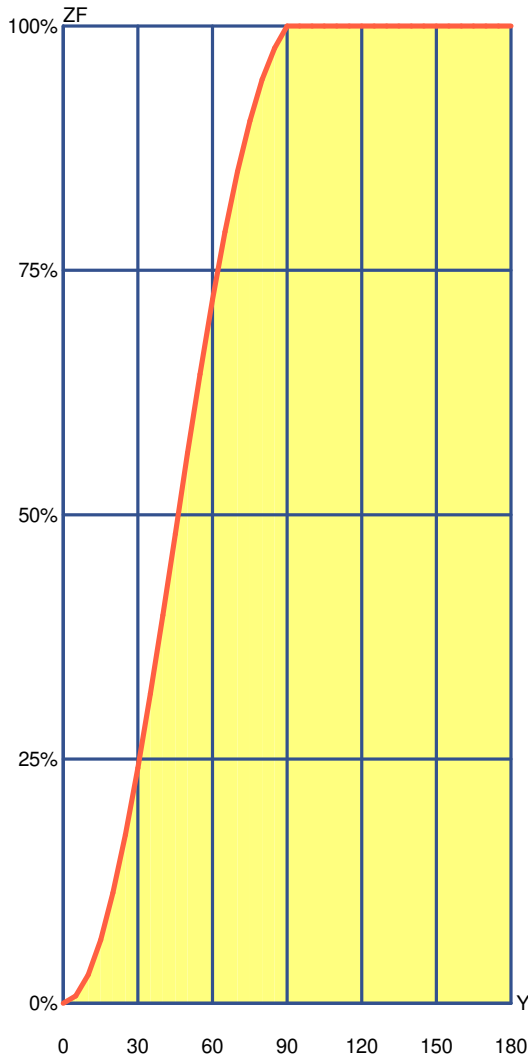
Zonal Flux per 1000 Lumen

|       |    |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |
|-------|----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| Y°    | 10 | 20  | 30  | 40  | 50  | 60  | 70  | 80  | 90   | 100  | 110  | 120  | 130  | 140  | 150  | 160  | 170  | 180  |
| ZF(Y) | 29 | 113 | 241 | 397 | 563 | 720 | 851 | 945 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |

CIE Flux Codes

42 72 91 100 100

|            |           |      |             |
|------------|-----------|------|-------------|
| C.I.E.     | 6         | LOR  | 100.00000 % |
| D DIN 5040 | A30       | ULOR | 0.00000 %   |
| F UTE      | 1.00 G    | DLOR | 100.00000 % |
| B NBN      | BZ 5      | UFF  | 0.00000 %   |
| RN         | 0.00000 % | DFF  | 100.00000 % |
| BLF        | 1.0       | FFR  | 0.00000 %   |



| Gamma ° | Zonal Flux |         |          |          |
|---------|------------|---------|----------|----------|
|         | Flux       | Sum lm  | Flux [%] | Sum [%]  |
| 0°      | 0.00       | 0.00    | 0.00%    | 0.00 %   |
| 5°      | 7.35       | 7.35    | 0.74 %   | 0.74 %   |
| 10°     | 21.81      | 29.16   | 2.18 %   | 2.92 %   |
| 15°     | 35.58      | 64.75   | 3.56 %   | 6.47 %   |
| 20°     | 48.22      | 112.97  | 4.82 %   | 11.30 %  |
| 25°     | 59.33      | 172.29  | 5.93 %   | 17.23 %  |
| 30°     | 68.58      | 240.87  | 6.86 %   | 24.09 %  |
| 35°     | 75.71      | 316.58  | 7.57 %   | 31.66 %  |
| 40°     | 80.53      | 397.12  | 8.05 %   | 39.71 %  |
| 45°     | 82.97      | 480.08  | 8.30 %   | 48.01 %  |
| 50°     | 82.99      | 563.07  | 8.30 %   | 56.31 %  |
| 55°     | 80.65      | 643.72  | 8.07 %   | 64.37 %  |
| 60°     | 76.12      | 719.85  | 7.61 %   | 71.98 %  |
| 65°     | 69.62      | 789.47  | 6.96 %   | 78.95 %  |
| 70°     | 61.51      | 850.98  | 6.15 %   | 85.10 %  |
| 75°     | 52.17      | 903.15  | 5.22 %   | 90.32 %  |
| 80°     | 42.13      | 945.29  | 4.21 %   | 94.53 %  |
| 85°     | 31.97      | 977.26  | 3.20 %   | 97.73 %  |
| 90°     | 22.74      | 1000.00 | 2.27 %   | 100.00 % |
| 95°     | 0.00       | 1000.00 | 0.00 %   | 100.00 % |
| 100°    | 0.00       | 1000.00 | 0.00 %   | 100.00 % |
| 105°    | 0.00       | 1000.00 | 0.00 %   | 100.00 % |
| 110°    | 0.00       | 1000.00 | 0.00 %   | 100.00 % |
| 115°    | 0.00       | 1000.00 | 0.00 %   | 100.00 % |
| 120°    | 0.00       | 1000.00 | 0.00 %   | 100.00 % |
| 125°    | 0.00       | 1000.00 | 0.00 %   | 100.00 % |
| 130°    | 0.00       | 1000.00 | 0.00 %   | 100.00 % |
| 135°    | 0.00       | 1000.00 | 0.00 %   | 100.00 % |
| 140°    | 0.00       | 1000.00 | 0.00 %   | 100.00 % |
| 145°    | 0.00       | 1000.00 | 0.00 %   | 100.00 % |
| 150°    | 0.00       | 1000.00 | 0.00 %   | 100.00 % |
| 155°    | 0.00       | 1000.00 | 0.00 %   | 100.00 % |
| 160°    | 0.00       | 1000.00 | 0.00 %   | 100.00 % |
| 165°    | 0.00       | 1000.00 | 0.00 %   | 100.00 % |
| 170°    | 0.00       | 1000.00 | 0.00 %   | 100.00 % |
| 175°    | 0.00       | 1000.00 | 0.00 %   | 100.00 % |
| 180°    | 0.00       | 1000.00 | 0.00 %   | 100.00 % |







**Luminaire**

Code TC-0504-BLA  
Name WIDE

**Measurem.**

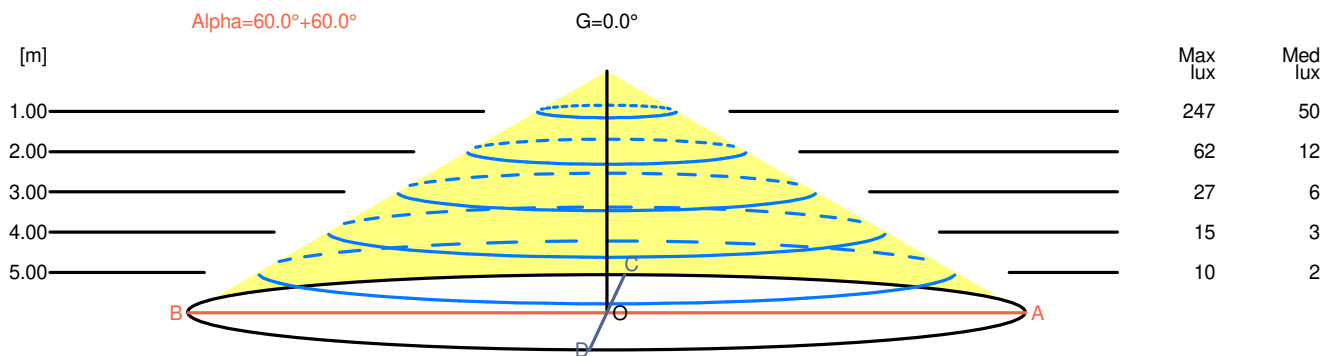
Code TC-0504-BLA  
Name WIDE

|                |           |                 |               |          |               |            |                 |
|----------------|-----------|-----------------|---------------|----------|---------------|------------|-----------------|
| Luminaire Flux | 802.71 lm | Luminaire Power | 9.50 W        | Efficacy | 84.50 lm/W    | Efficiency | 100.00%         |
| Sources Flux   | 802.71 lm | Maximum value   | 308.05 cd/klm | Position | C=0.00 G=0.00 | CG         | Rotosymmetrical |

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   | 1.73 | 3.47 | 5.20 | 6.94 | 8.67 | OC   | 1.73 | 3.47 | 5.20 | 6.94 | 8.67 |
| OB   | 1.73 | 3.47 | 5.20 | 6.94 | 8.67 | OD   | 1.73 | 3.47 | 5.20 | 6.94 | 8.67 |

|    | Luminous Intensities [ cd/klm ] |        |        |        |        |        |        |        |       |       |
|----|---------------------------------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
|    | 0                               | 5      | 15     | 25     | 35     | 45     | 55     | 65     | 75    | 85    |
| OA | 247.27                          | 246.16 | 238.26 | 222.62 | 200.37 | 172.65 | 140.72 | 106.34 | 71.55 | 39.70 |
| OB | 247.27                          | 246.16 | 238.26 | 222.62 | 200.37 | 172.65 | 140.72 | 106.34 | 71.55 | 39.70 |
| OC | 247.27                          | 246.16 | 238.26 | 222.62 | 200.37 | 172.65 | 140.72 | 106.34 | 71.55 | 39.70 |
| OD | 247.27                          | 246.16 | 238.26 | 222.62 | 200.37 | 172.65 | 140.72 | 106.34 | 71.55 | 39.70 |



| H[m] | D[m]  | Max lux | Med lux | Alpha=60.0°+60.0° | G=0.0 |
|------|-------|---------|---------|-------------------|-------|
| 1.00 | 3.47  | 247     | 50      |                   |       |
| 2.00 | 6.94  | 62      | 12      |                   |       |
| 3.00 | 10.41 | 27      | 6       |                   |       |
| 4.00 | 13.87 | 15      | 3       |                   |       |
| 5.00 | 17.34 | 10      | 2       |                   |       |



**Luminaire**

Code TC-0504-BLA

Name WIDE

**Measur.**

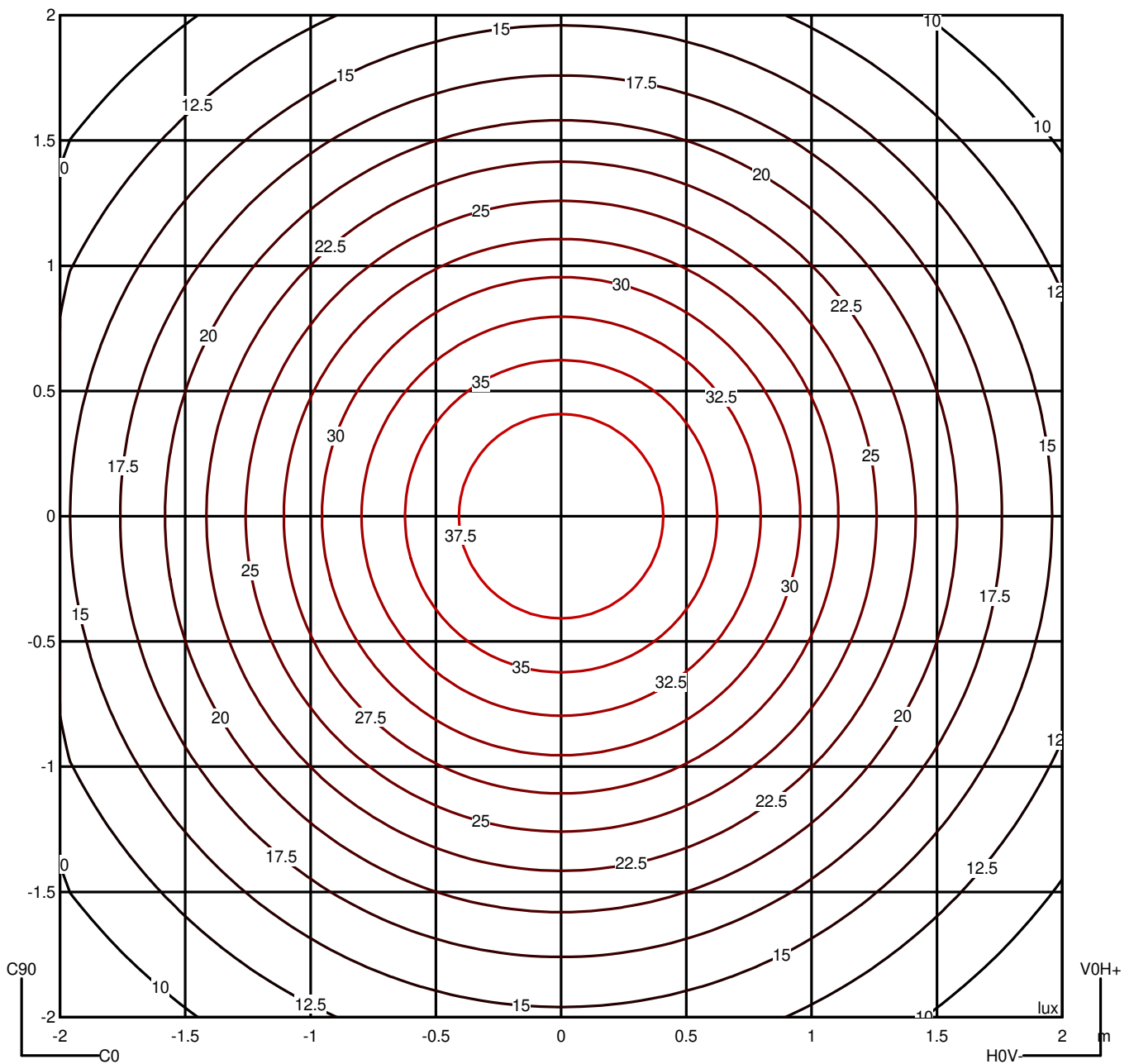
Code TC-0504-BLA

Name WIDE

|                |           |                 |               |          |               |            |                 |
|----------------|-----------|-----------------|---------------|----------|---------------|------------|-----------------|
| Luminaire Flux | 802.71 lm | Luminaire Power | 9.50 W        | Efficacy | 84.50 lm/W    | Efficiency | 100.00%         |
| Sources Flux   | 802.71 lm | Maximum value   | 308.05 cd/klm | Position | C=0.00 G=0.00 | CG         | Rotosymmetrical |

Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=2.50m





**Luminaire**

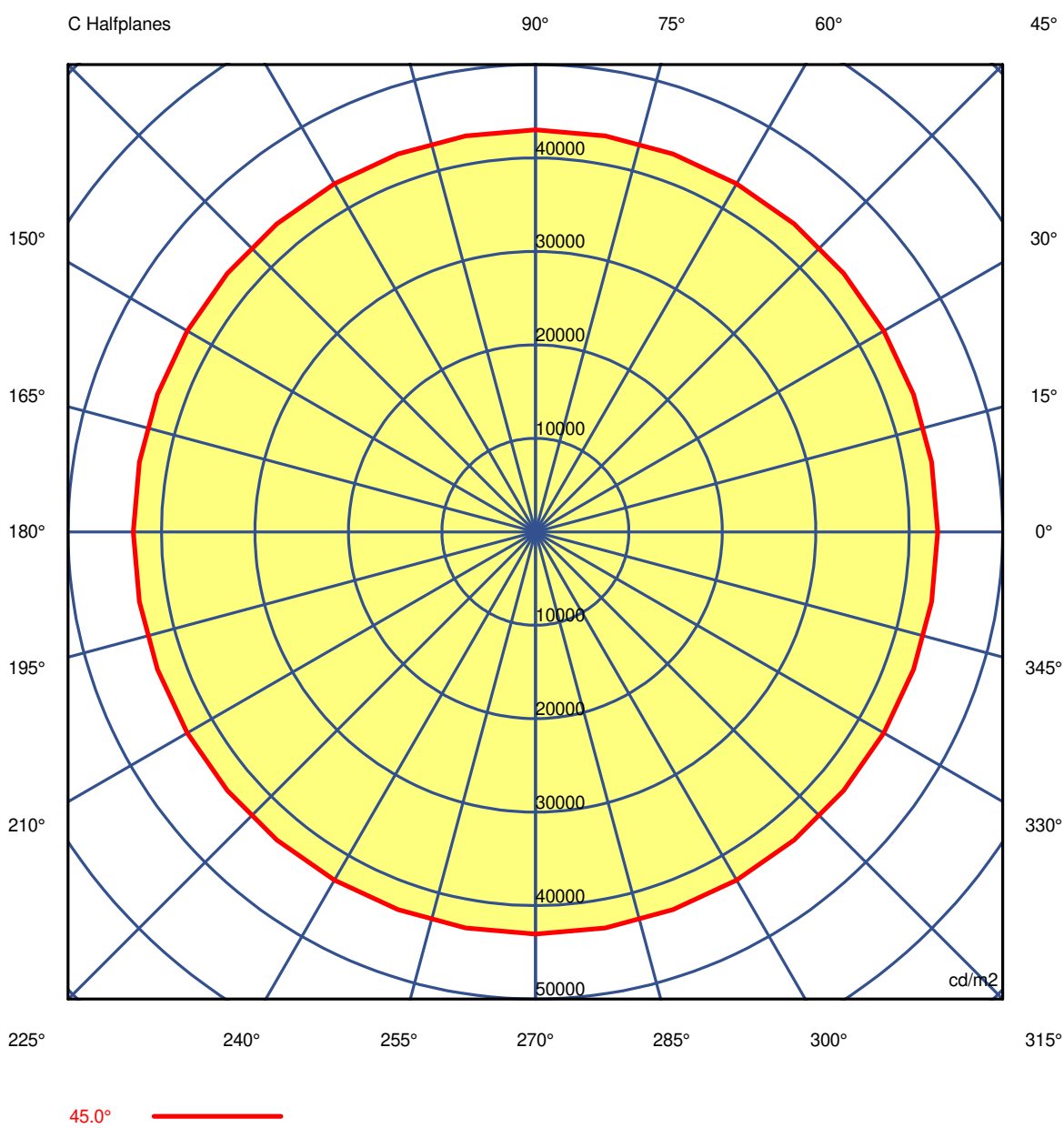
Code TC-0504-BLA  
Name WIDE

**Measurem.**

Code TC-0504-BLA  
Name WIDE

|                |           |                 |               |          |               |            |                 |
|----------------|-----------|-----------------|---------------|----------|---------------|------------|-----------------|
| Luminaire Flux | 802.71 lm | Luminaire Power | 9.50 W        | Efficacy | 84.50 lm/W    | Efficiency | 100.00%         |
| Sources Flux   | 802.71 lm | Maximum value   | 308.05 cd/klm | Position | C=0.00 G=0.00 | CG         | Rotosymmetrical |

Luminance





**Luminaire**

Code TC-0504-BLA  
Name WIDE

**Measurement**

Code TC-0504-BLA  
Name WIDE

|                |           |                 |               |          |               |            |                 |
|----------------|-----------|-----------------|---------------|----------|---------------|------------|-----------------|
| Luminaire Flux | 802.71 lm | Luminaire Power | 9.50 W        | Efficacy | 84.50 lm/W    | Efficiency | 100.00%         |
| Sources Flux   | 802.71 lm | Maximum value   | 308.05 cd/klm | Position | C=0.00 G=0.00 | CG         | Rotosymmetrical |

**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  | 43576.23 | 43576.23 | 43576.23 | 43576.23 | 43576.23 | 43576.23 | 43576.23 | 43576.23 | 43576.23 | 43576.23 | 43576.23 | 43576.23 | 43576.23 |
| G 5.0  | 43545.65 | 43545.65 | 43545.65 | 43545.65 | 43545.65 | 43545.65 | 43545.65 | 43545.65 | 43545.65 | 43545.65 | 43545.65 | 43545.65 | 43545.65 |
| G 10.0 | 43531.17 | 43531.17 | 43531.17 | 43531.17 | 43531.17 | 43531.17 | 43531.17 | 43531.17 | 43531.17 | 43531.17 | 43531.17 | 43531.17 | 43531.17 |
| G 15.0 | 43468.81 | 43468.81 | 43468.81 | 43468.81 | 43468.81 | 43468.81 | 43468.81 | 43468.81 | 43468.81 | 43468.81 | 43468.81 | 43468.81 | 43468.81 |
| G 20.0 | 43409.07 | 43409.07 | 43409.07 | 43409.07 | 43409.07 | 43409.07 | 43409.07 | 43409.07 | 43409.07 | 43409.07 | 43409.07 | 43409.07 | 43409.07 |
| G 25.0 | 43286.37 | 43286.37 | 43286.37 | 43286.37 | 43286.37 | 43286.37 | 43286.37 | 43286.37 | 43286.37 | 43286.37 | 43286.37 | 43286.37 | 43286.37 |
| G 30.0 | 43204.92 | 43204.92 | 43204.92 | 43204.92 | 43204.92 | 43204.92 | 43204.92 | 43204.92 | 43204.92 | 43204.92 | 43204.92 | 43204.92 | 43204.92 |
| G 35.0 | 43105.27 | 43105.27 | 43105.27 | 43105.27 | 43105.27 | 43105.27 | 43105.27 | 43105.27 | 43105.27 | 43105.27 | 43105.27 | 43105.27 | 43105.27 |
| G 40.0 | 43050.15 | 43050.15 | 43050.15 | 43050.15 | 43050.15 | 43050.15 | 43050.15 | 43050.15 | 43050.15 | 43050.15 | 43050.15 | 43050.15 | 43050.15 |
| G 45.0 | 43028.69 | 43028.69 | 43028.69 | 43028.69 | 43028.69 | 43028.69 | 43028.69 | 43028.69 | 43028.69 | 43028.69 | 43028.69 | 43028.69 | 43028.69 |
| G 50.0 | 43061.33 | 43061.33 | 43061.33 | 43061.33 | 43061.33 | 43061.33 | 43061.33 | 43061.33 | 43061.33 | 43061.33 | 43061.33 | 43061.33 | 43061.33 |
| G 55.0 | 43234.35 | 43234.35 | 43234.35 | 43234.35 | 43234.35 | 43234.35 | 43234.35 | 43234.35 | 43234.35 | 43234.35 | 43234.35 | 43234.35 | 43234.35 |
| G 60.0 | 43615.05 | 43615.05 | 43615.05 | 43615.05 | 43615.05 | 43615.05 | 43615.05 | 43615.05 | 43615.05 | 43615.05 | 43615.05 | 43615.05 | 43615.05 |
| G 65.0 | 44341.67 | 44341.67 | 44341.67 | 44341.67 | 44341.67 | 44341.67 | 44341.67 | 44341.67 | 44341.67 | 44341.67 | 44341.67 | 44341.67 | 44341.67 |
| G 70.0 | 45734.65 | 45734.65 | 45734.65 | 45734.65 | 45734.65 | 45734.65 | 45734.65 | 45734.65 | 45734.65 | 45734.65 | 45734.65 | 45734.65 | 45734.65 |
| G 75.0 | 48718.42 | 48718.42 | 48718.42 | 48718.42 | 48718.42 | 48718.42 | 48718.42 | 48718.42 | 48718.42 | 48718.42 | 48718.42 | 48718.42 | 48718.42 |
| G 80.0 | 55861.15 | 55861.15 | 55861.15 | 55861.15 | 55861.15 | 55861.15 | 55861.15 | 55861.15 | 55861.15 | 55861.15 | 55861.15 | 55861.15 | 55861.15 |
| G 85.0 | 80263.81 | 80263.81 | 80263.81 | 80263.81 | 80263.81 | 80263.81 | 80263.81 | 80263.81 | 80263.81 | 80263.81 | 80263.81 | 80263.81 | 80263.81 |
| G 90.0 | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |



**Luminaire**

Code TC-0504-BLA

Name WIDE

**Measurement**

Code TC-0504-BLA

Name WIDE

|                |           |                 |               |          |               |            |                 |
|----------------|-----------|-----------------|---------------|----------|---------------|------------|-----------------|
| Luminaire Flux | 802.71 lm | Luminaire Power | 9.50 W        | Efficacy | 84.50 lm/W    | Efficiency | 100.00%         |
| Sources Flux   | 802.71 lm | Maximum value   | 308.05 cd/klm | Position | C=0.00 G=0.00 | CG         | Rotosymmetrical |

**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  | 43576.23 | 43576.23 | 43576.23 | 43576.23 | 43576.23 | 43576.23 | 43576.23 | 43576.23 | 43576.23 | 43576.23 | 43576.23 | 43576.23 | 43576.23 |
| G 5.0  | 43545.65 | 43545.65 | 43545.65 | 43545.65 | 43545.65 | 43545.65 | 43545.65 | 43545.65 | 43545.65 | 43545.65 | 43545.65 | 43545.65 | 43545.65 |
| G 10.0 | 43531.17 | 43531.17 | 43531.17 | 43531.17 | 43531.17 | 43531.17 | 43531.17 | 43531.17 | 43531.17 | 43531.17 | 43531.17 | 43531.17 | 43531.17 |
| G 15.0 | 43468.81 | 43468.81 | 43468.81 | 43468.81 | 43468.81 | 43468.81 | 43468.81 | 43468.81 | 43468.81 | 43468.81 | 43468.81 | 43468.81 | 43468.81 |
| G 20.0 | 43409.07 | 43409.07 | 43409.07 | 43409.07 | 43409.07 | 43409.07 | 43409.07 | 43409.07 | 43409.07 | 43409.07 | 43409.07 | 43409.07 | 43409.07 |
| G 25.0 | 43286.37 | 43286.37 | 43286.37 | 43286.37 | 43286.37 | 43286.37 | 43286.37 | 43286.37 | 43286.37 | 43286.37 | 43286.37 | 43286.37 | 43286.37 |
| G 30.0 | 43204.92 | 43204.92 | 43204.92 | 43204.92 | 43204.92 | 43204.92 | 43204.92 | 43204.92 | 43204.92 | 43204.92 | 43204.92 | 43204.92 | 43204.92 |
| G 35.0 | 43105.27 | 43105.27 | 43105.27 | 43105.27 | 43105.27 | 43105.27 | 43105.27 | 43105.27 | 43105.27 | 43105.27 | 43105.27 | 43105.27 | 43105.27 |
| G 40.0 | 43050.15 | 43050.15 | 43050.15 | 43050.15 | 43050.15 | 43050.15 | 43050.15 | 43050.15 | 43050.15 | 43050.15 | 43050.15 | 43050.15 | 43050.15 |
| G 45.0 | 43028.69 | 43028.69 | 43028.69 | 43028.69 | 43028.69 | 43028.69 | 43028.69 | 43028.69 | 43028.69 | 43028.69 | 43028.69 | 43028.69 | 43028.69 |
| G 50.0 | 43061.33 | 43061.33 | 43061.33 | 43061.33 | 43061.33 | 43061.33 | 43061.33 | 43061.33 | 43061.33 | 43061.33 | 43061.33 | 43061.33 | 43061.33 |
| G 55.0 | 43234.35 | 43234.35 | 43234.35 | 43234.35 | 43234.35 | 43234.35 | 43234.35 | 43234.35 | 43234.35 | 43234.35 | 43234.35 | 43234.35 | 43234.35 |
| G 60.0 | 43615.05 | 43615.05 | 43615.05 | 43615.05 | 43615.05 | 43615.05 | 43615.05 | 43615.05 | 43615.05 | 43615.05 | 43615.05 | 43615.05 | 43615.05 |
| G 65.0 | 44341.67 | 44341.67 | 44341.67 | 44341.67 | 44341.67 | 44341.67 | 44341.67 | 44341.67 | 44341.67 | 44341.67 | 44341.67 | 44341.67 | 44341.67 |
| G 70.0 | 45734.65 | 45734.65 | 45734.65 | 45734.65 | 45734.65 | 45734.65 | 45734.65 | 45734.65 | 45734.65 | 45734.65 | 45734.65 | 45734.65 | 45734.65 |
| G 75.0 | 48718.42 | 48718.42 | 48718.42 | 48718.42 | 48718.42 | 48718.42 | 48718.42 | 48718.42 | 48718.42 | 48718.42 | 48718.42 | 48718.42 | 48718.42 |
| G 80.0 | 55861.15 | 55861.15 | 55861.15 | 55861.15 | 55861.15 | 55861.15 | 55861.15 | 55861.15 | 55861.15 | 55861.15 | 55861.15 | 55861.15 | 55861.15 |
| G 85.0 | 80263.81 | 80263.81 | 80263.81 | 80263.81 | 80263.81 | 80263.81 | 80263.81 | 80263.81 | 80263.81 | 80263.81 | 80263.81 | 80263.81 | 80263.81 |
| G 90.0 | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |



**Luminaire**

Code TC-0504-BLA  
Name WIDE

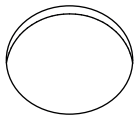
**Measurem.**

Code TC-0504-BLA  
Name WIDE

|                |           |                 |               |          |               |            |                 |
|----------------|-----------|-----------------|---------------|----------|---------------|------------|-----------------|
| Luminaire Flux | 802.71 lm | Luminaire Power | 9.50 W        | Efficacy | 84.50 lm/W    | Efficiency | 100.00%         |
| Sources Flux   | 802.71 lm | Maximum value   | 308.05 cd/klm | Position | C=0.00 G=0.00 | CG         | Rotosymmetrical |

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

|        | C 260.00 | C 270.00 | C 280.00 | C 290.00 | C 300.00 | C 310.00 | C 320.00 | C 330.00 | C 340.00 | C 350.00 |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| G 0.0  | 43576.23 | 43576.23 | 43576.23 | 43576.23 | 43576.23 | 43576.23 | 43576.23 | 43576.23 | 43576.23 | 43576.23 |
| G 5.0  | 43545.65 | 43545.65 | 43545.65 | 43545.65 | 43545.65 | 43545.65 | 43545.65 | 43545.65 | 43545.65 | 43545.65 |
| G 10.0 | 43531.17 | 43531.17 | 43531.17 | 43531.17 | 43531.17 | 43531.17 | 43531.17 | 43531.17 | 43531.17 | 43531.17 |
| G 15.0 | 43468.81 | 43468.81 | 43468.81 | 43468.81 | 43468.81 | 43468.81 | 43468.81 | 43468.81 | 43468.81 | 43468.81 |
| G 20.0 | 43409.07 | 43409.07 | 43409.07 | 43409.07 | 43409.07 | 43409.07 | 43409.07 | 43409.07 | 43409.07 | 43409.07 |
| G 25.0 | 43286.37 | 43286.37 | 43286.37 | 43286.37 | 43286.37 | 43286.37 | 43286.37 | 43286.37 | 43286.37 | 43286.37 |
| G 30.0 | 43204.92 | 43204.92 | 43204.92 | 43204.92 | 43204.92 | 43204.92 | 43204.92 | 43204.92 | 43204.92 | 43204.92 |
| G 35.0 | 43105.27 | 43105.27 | 43105.27 | 43105.27 | 43105.27 | 43105.27 | 43105.27 | 43105.27 | 43105.27 | 43105.27 |
| G 40.0 | 43050.15 | 43050.15 | 43050.15 | 43050.15 | 43050.15 | 43050.15 | 43050.15 | 43050.15 | 43050.15 | 43050.15 |
| G 45.0 | 43028.69 | 43028.69 | 43028.69 | 43028.69 | 43028.69 | 43028.69 | 43028.69 | 43028.69 | 43028.69 | 43028.69 |
| G 50.0 | 43061.33 | 43061.33 | 43061.33 | 43061.33 | 43061.33 | 43061.33 | 43061.33 | 43061.33 | 43061.33 | 43061.33 |
| G 55.0 | 43234.35 | 43234.35 | 43234.35 | 43234.35 | 43234.35 | 43234.35 | 43234.35 | 43234.35 | 43234.35 | 43234.35 |
| G 60.0 | 43615.05 | 43615.05 | 43615.05 | 43615.05 | 43615.05 | 43615.05 | 43615.05 | 43615.05 | 43615.05 | 43615.05 |
| G 65.0 | 44341.67 | 44341.67 | 44341.67 | 44341.67 | 44341.67 | 44341.67 | 44341.67 | 44341.67 | 44341.67 | 44341.67 |
| G 70.0 | 45734.65 | 45734.65 | 45734.65 | 45734.65 | 45734.65 | 45734.65 | 45734.65 | 45734.65 | 45734.65 | 45734.65 |
| G 75.0 | 48718.42 | 48718.42 | 48718.42 | 48718.42 | 48718.42 | 48718.42 | 48718.42 | 48718.42 | 48718.42 | 48718.42 |
| G 80.0 | 55861.15 | 55861.15 | 55861.15 | 55861.15 | 55861.15 | 55861.15 | 55861.15 | 55861.15 | 55861.15 | 55861.15 |
| G 85.0 | 80263.81 | 80263.81 | 80263.81 | 80263.81 | 80263.81 | 80263.81 | 80263.81 | 80263.81 | 80263.81 | 80263.81 |
| G 90.0 | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     | 0.00     |



# Wide

TC-0503 TC-0504 TC-0505 TC-0506

FOR  
LIGHT

